

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087295.D
 Acq On : 08 Jul 2025 12:37
 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 09 01:30:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 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	169#	0.00
2 T	Dichlorodifluoromethane	0.487	0.568	-16.6	189#	0.00
3 P	Chloromethane	0.395	0.465	-17.7	200#	0.00
4 C	Vinyl Chloride	0.486	0.566	-16.5#	196#	0.00
5 T	Bromomethane	0.443	0.463	-4.5	194#	0.00
6 T	Chloroethane	0.385	0.391	-1.6	173#	0.00
7 T	Trichlorofluoromethane	0.843	0.825	2.1	170#	0.00
8 T	Diethyl Ether	0.269	0.293	-8.9	180#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.484	1.0	171#	0.00
10 T	Methyl Iodide	0.486	0.598	-23.0	192#	0.00
11 T	Tert butyl alcohol	0.114	0.114	0.0	168#	0.00
12 CM	1,1-Dichloroethene	0.465	0.463	0.4#	168#	0.00
13 T	Acrolein	0.079	0.100	-26.6#	223#	0.00
14 T	Allyl chloride	0.570	0.556	2.5	167#	0.00
15 T	Acrylonitrile	0.285	0.285	0.0	174#	0.00
16 T	Acetone	0.240	0.285	-18.7	213#	0.00
17 T	Carbon Disulfide	1.395	1.269	9.0	162#	0.00
18 T	Methyl Acetate	0.549	0.599	-9.1	188#	0.00
19 T	Methyl tert-butyl Ether	1.629	1.691	-3.8	178#	0.00
20 T	Methylene Chloride	0.531	0.531	0.0	177#	0.00
21 T	trans-1,2-Dichloroethene	0.562	0.530	5.7	169#	0.00
22 T	Diisopropyl ether	1.364	1.350	1.0	170#	0.00
23 T	Vinyl Acetate	1.262	1.272	-0.8	170#	0.00
24 P	1,1-Dichloroethane	0.894	0.879	1.7	170#	0.00
25 T	2-Butanone	0.375	0.398	-6.1	182#	0.00
26 T	2,2-Dichloropropane	0.855	0.856	-0.1	175#	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.642	1.1	171#	0.00
28 T	Bromochloromethane	0.395	0.398	-0.8	168#	0.00
29 T	Tetrahydrofuran	0.242	0.252	-4.1	175#	0.00
30 C	Chloroform	0.991	1.005	-1.4#	177#	0.00
31 T	Cyclohexane	0.855	0.714	16.5	154#	0.00
32 T	1,1,1-Trichloroethane	0.923	0.906	1.8	173#	0.00
33 S	1,2-Dichloroethane-d4	0.628	0.628	0.0	179#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	165#	0.00
35 S	Dibromofluoromethane	0.320	0.338	-5.6	182#	0.00
36 T	1,1-Dichloropropene	0.435	0.429	1.4	166#	0.00
37 T	Ethyl Acetate	0.468	0.489	-4.5	173#	0.00
38 T	Carbon Tetrachloride	0.493	0.516	-4.7	175#	0.00
39 T	Methylcyclohexane	0.518	0.501	3.3	160#	0.00
40 TM	Benzene	1.349	1.351	-0.1	170#	0.00
41 T	Methacrylonitrile	0.224	0.232	-3.6	173#	0.00
42 TM	1,2-Dichloroethane	0.449	0.476	-6.0	177#	0.00
43 T	Isopropyl Acetate	0.726	0.768	-5.8	176#	0.00
44 TM	Trichloroethene	0.358	0.358	0.0	170#	0.00
45 C	1,2-Dichloropropane	0.294	0.321	-9.2#	183#	0.00
46 T	Dibromomethane	0.250	0.270	-8.0	184#	0.00
47 T	Bromodichloromethane	0.477	0.504	-5.7	179#	0.00
48 T	Methyl methacrylate	0.306	0.330	-7.8	176#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	163#	0.00
50 S	Toluene-d8	1.248	1.277	-2.3	175#	0.00
51 T	4-Methyl-2-Pentanone	0.444	0.499	-12.4	181#	0.00
52 CM	Toluene	0.885	0.932	-5.3#	173#	0.00
53 T	t-1,3-Dichloropropene	0.512	0.548	-7.0	176#	0.00
54 T	cis-1,3-Dichloropropene	0.521	0.557	-6.9	177#	0.00
55 T	1,1,2-Trichloroethane	0.334	0.363	-8.7	184#	0.00
56 T	Ethyl methacrylate	0.490	0.517	-5.5	175#	0.00
57 T	1,3-Dichloropropane	0.545	0.598	-9.7	187#	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.284	-9.7	176#	0.00
59 T	2-Hexanone	0.318	0.346	-8.8	186#	0.00
60 T	Dibromochloromethane	0.394	0.453	-15.0	190#	0.00
61 T	1,2-Dibromoethane	0.359	0.398	-10.9	183#	0.00
62 S	4-Bromofluorobenzene	0.444	0.506	-14.0	193#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	173#	0.00
64 T	Tetrachloroethene	0.333	0.327	1.8	176#	0.00
65 PM	Chlorobenzene	1.122	1.144	-2.0	185#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.405	-4.7	186#	0.00
67 C	Ethyl Benzene	1.815	1.867	-2.9#	180#	0.00
68 T	m/p-Xylenes	0.725	0.775	-6.9	183#	0.00
69 T	o-Xylene	0.679	0.730	-7.5	182#	0.00
70 T	Styrene	1.153	1.270	-10.1	183#	0.00
71 P	Bromoform	0.299	0.347	-16.1	196#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	192#	0.00
73 T	Isopropylbenzene	3.222	3.060	5.0	187#	0.00
74 T	N-amyl acetate	1.059	0.999	5.7	233#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.060	1.035	2.4	200#	0.00
76 T	1,2,3-Trichloropropane	0.951	0.880	7.5	199#	0.00
77 T	Bromobenzene	0.841	0.808	3.9	188#	0.00
78 T	n-propylbenzene	3.892	3.755	3.5	190#	0.00
79 T	2-Chlorotoluene	2.316	2.202	4.9	189#	0.00
80 T	1,3,5-Trimethylbenzene	2.693	2.673	0.7	189#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.405	0.388	4.2	192#	0.00
82 T	4-Chlorotoluene	2.424	2.380	1.8	196#	0.00
83 T	tert-Butylbenzene	2.359	2.364	-0.2	196#	0.00
84 T	1,2,4-Trimethylbenzene	2.698	2.855	-5.8	198#	0.00
85 T	sec-Butylbenzene	3.344	3.422	-2.3	195#	0.00
86 T	p-Isopropyltoluene	2.875	2.968	-3.2	194#	0.00
87 T	1,3-Dichlorobenzene	1.675	1.694	-1.1	202#	0.00
88 T	1,4-Dichlorobenzene	1.749	1.675	4.2	198#	0.00
89 T	n-Butylbenzene	2.531	2.580	-1.9	196#	0.00
90 T	Hexachloroethane	0.532	0.540	-1.5	201#	0.00
91 T	1,2-Dichlorobenzene	1.566	1.579	-0.8	201#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.255	0.256	-0.4	208#	0.00
93 T	1,2,4-Trichlorobenzene	0.926	0.878	5.2	189#	0.00
94 T	Hexachlorobutadiene	0.294	0.259	11.9	183#	0.00
95 T	Naphthalene	3.205	3.217	-0.4	196#	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.902	0.860	4.7	189#	0.00

(#) = Out of Range

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