

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087885.D
 Acq On : 18 Sep 2025 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 03:00:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 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	0.710	0.753	-6.1	104	0.00
3 P	Chloromethane	0.730	0.710	2.7	100	0.00
4 C	Vinyl Chloride	0.846	0.764	9.7#	95	0.00
5 T	Bromomethane	0.437	0.482	-10.3	121	-0.02
6 T	Chloroethane	0.595	0.502	15.6	94	-0.01
7 T	Trichlorofluoromethane	1.240	1.265	-2.0	112	0.00
8 T	Diethyl Ether	0.540	0.459	15.0	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.681	2.9	110	0.00
10 T	Methyl Iodide	0.450	0.580	-28.9#	135	0.00
11 T	Tert butyl alcohol	0.178	0.165	7.3	100	0.00
12 CM	1,1-Dichloroethene	0.721	0.659	8.6#	106	0.00
13 T	Acrolein	0.219	0.235	-7.3	123	0.00
14 T	Allyl chloride	1.306	1.127	13.7	102	0.00
15 T	Acrylonitrile	0.502	0.501	0.2	113	0.00
16 T	Acetone	0.558	0.478	14.3	103	0.00
17 T	Carbon Disulfide	1.985	2.053	-3.4	115	0.00
18 T	Methyl Acetate	1.168	1.207	-3.3	117	0.00
19 T	Methyl tert-butyl Ether	2.704	2.717	-0.5	112	0.00
20 T	Methylene Chloride	0.948	0.851	10.2	116	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.791	-1.3	118	0.00
22 T	Diisopropyl ether	2.819	2.710	3.9	106	0.00
23 T	Vinyl Acetate	2.565	2.462	4.0	103	0.00
24 P	1,1-Dichloroethane	1.546	1.478	4.4	111	0.00
25 T	2-Butanone	0.734	0.703	4.2	108	0.00
26 T	2,2-Dichloropropane	1.327	1.379	-3.9	118	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.959	-2.7	115	0.00
28 T	Bromochloromethane	0.747	0.626	16.2	100	0.00
29 T	Tetrahydrofuran	0.472	0.447	5.3	106	0.00
30 C	Chloroform	1.578	1.596	-1.1#	114	0.00
31 T	Cyclohexane	1.289	1.217	5.6	111	0.00
32 T	1,1,1-Trichloroethane	1.337	1.389	-3.9	120	0.00
33 S	1,2-Dichloroethane-d4	1.024	0.836	18.4	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.361	0.373	-3.3	110	0.00
36 T	1,1-Dichloropropene	0.554	0.594	-7.2	111	0.00
37 T	Ethyl Acetate	0.757	0.785	-3.7	104	0.00
38 T	Carbon Tetrachloride	0.547	0.672	-22.9	122	0.00
39 T	Methylcyclohexane	0.610	0.706	-15.7	118	0.00
40 TM	Benzene	1.699	1.885	-10.9	110	0.00
41 T	Methacrylonitrile	0.392	0.404	-3.1	102	0.00
42 TM	1,2-Dichloroethane	0.653	0.686	-5.1	104	0.00
43 T	Isopropyl Acetate	1.182	1.235	-4.5	102	0.00
44 TM	Trichloroethene	0.388	0.448	-15.5	117	0.00
45 C	1,2-Dichloropropane	0.448	0.478	-6.7#	109	0.00
46 T	Dibromomethane	0.319	0.368	-15.4	114	0.00
47 T	Bromodichloromethane	0.653	0.743	-13.8	115	0.00
48 T	Methyl methacrylate	0.559	0.586	-4.8	103	0.00

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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)
49 T	1,4-Dioxane	0.007	0.008	-14.3	103	0.00
50 S	Toluene-d8	1.351	1.305	3.4	105	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.770	-8.0	103	0.00
52 CM	Toluene	1.053	1.207	-14.6#	113	0.00
53 T	t-1,3-Dichloropropene	0.676	0.774	-14.5	109	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.803	-14.4	110	0.00
55 T	1,1,2-Trichloroethane	0.407	0.468	-15.0	113	0.00
56 T	Ethyl methacrylate	0.651	0.755	-16.0	106	0.00
57 T	1,3-Dichloropropane	0.721	0.807	-11.9	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.339	3.7	94	0.00
59 T	2-Hexanone	0.451	0.540	-19.7	104	0.00
60 T	Dibromochloromethane	0.472	0.569	-20.6	120	0.00
61 T	1,2-Dibromoethane	0.430	0.495	-15.1	113	0.00
62 S	4-Bromofluorobenzene	0.481	0.477	0.8	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.347	0.404	-16.4	126	0.00
65 PM	Chlorobenzene	1.244	1.429	-14.9	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.520	-25.9#	121	0.00
67 C	Ethyl Benzene	2.154	2.520	-17.0#	115	0.00
68 T	m/p-Xylenes	0.790	0.964	-22.0	116	0.00
69 T	o-Xylene	0.774	0.917	-18.5	113	0.00
70 T	Styrene	1.297	1.595	-23.0	113	0.00
71 P	Bromoform	0.317	0.429	-35.3#	131	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	4.040	4.376	-8.3	117	0.00
74 T	N-amyl acetate	1.531	1.403	8.4	97	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.420	-2.1	112	0.00
76 T	1,2,3-Trichloropropane	1.173	1.103	6.0	111	0.00
77 T	Bromobenzene	0.953	1.068	-12.1	122	0.00
78 T	n-propylbenzene	4.977	5.367	-7.8	115	0.00
79 T	2-Chlorotoluene	2.995	3.134	-4.6	113	0.00
80 T	1,3,5-Trimethylbenzene	3.428	3.724	-8.6	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.504	-13.8	120	0.00
82 T	4-Chlorotoluene	3.149	3.229	-2.5	110	0.00
83 T	tert-Butylbenzene	2.856	3.187	-11.6	118	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.778	-10.1	116	0.00
85 T	sec-Butylbenzene	4.239	4.661	-10.0	119	0.00
86 T	p-Isopropyltoluene	3.500	3.974	-13.5	121	0.00
87 T	1,3-Dichlorobenzene	1.876	2.103	-12.1	124	0.00
88 T	1,4-Dichlorobenzene	1.952	2.127	-9.0	123	0.00
89 T	n-Butylbenzene	3.476	3.705	-6.6	115	0.00
90 T	Hexachloroethane	0.667	0.759	-13.8	125	0.00
91 T	1,2-Dichlorobenzene	1.780	1.969	-10.6	121	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.325	1.5	110	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.242	-16.2	130	0.00
94 T	Hexachlorobutadiene	0.381	0.432	-13.4	131	0.00
95 T	Naphthalene	3.786	4.055	-7.1	116	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	1.045	1.195	-14.4	128	0.00

(#) = Out of Range

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