

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087790.D
 Acq On : 10 Sep 2025 18:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 11 02:09:40 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	100	0.00
2 T	Dichlorodifluoromethane	0.710	0.594	16.3	73	0.00
3 P	Chloromethane	0.730	0.683	6.4	86	0.00
4 C	Vinyl Chloride	0.846	0.738	12.8#	82	0.00
5 T	Bromomethane	0.437	0.409	6.4	91	0.00
6 T	Chloroethane	0.595	0.525	11.8	87	0.00
7 T	Trichlorofluoromethane	1.240	1.092	11.9	86	0.00
8 T	Diethyl Ether	0.540	0.504	6.7	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.580	17.3	83	0.00
10 T	Methyl Iodide	0.450	0.478	-6.2	99	0.00
11 T	Tert butyl alcohol	0.178	0.182	-2.2	99	0.00
12 CM	1,1-Dichloroethene	0.721	0.609	15.5#	87	0.00
13 T	Acrolein	0.219	0.218	0.5	101	0.00
14 T	Allyl chloride	1.306	1.042	20.2	84	0.00
15 T	Acrylonitrile	0.502	0.512	-2.0	103	0.00
16 T	Acetone	0.558	0.474	15.1	91	0.00
17 T	Carbon Disulfide	1.985	1.529	23.0	76	0.00
18 T	Methyl Acetate	1.168	1.408	-20.5	122	0.00
19 T	Methyl tert-butyl Ether	2.704	2.711	-0.3	99	0.00
20 T	Methylene Chloride	0.948	0.801	15.5	97	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.668	14.5	89	0.00
22 T	Diisopropyl ether	2.819	2.764	2.0	96	0.00
23 T	Vinyl Acetate	2.565	2.485	3.1	92	0.00
24 P	1,1-Dichloroethane	1.546	1.429	7.6	95	0.00
25 T	2-Butanone	0.734	0.722	1.6	99	0.00
26 T	2,2-Dichloropropane	1.327	0.936	29.5#	71	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.890	4.7	95	0.00
28 T	Bromochloromethane	0.747	0.749	-0.3	107	0.00
29 T	Tetrahydrofuran	0.472	0.475	-0.6	100	0.00
30 C	Chloroform	1.578	1.532	2.9#	97	0.00
31 T	Cyclohexane	1.289	0.980	24.0	79	0.00
32 T	1,1,1-Trichloroethane	1.337	1.200	10.2	92	0.00
33 S	1,2-Dichloroethane-d4	1.024	1.015	0.9	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.361	0.378	-4.7	111	0.00
36 T	1,1-Dichloropropene	0.554	0.451	18.6	84	0.00
37 T	Ethyl Acetate	0.757	0.705	6.9	94	0.00
38 T	Carbon Tetrachloride	0.547	0.495	9.5	90	0.00
39 T	Methylcyclohexane	0.610	0.477	21.8	80	0.00
40 TM	Benzene	1.699	1.554	8.5	91	0.00
41 T	Methacrylonitrile	0.392	0.407	-3.8	103	0.00
42 TM	1,2-Dichloroethane	0.653	0.611	6.4	93	0.00
43 T	Isopropyl Acetate	1.182	1.171	0.9	96	0.00
44 TM	Trichloroethene	0.388	0.346	10.8	90	0.00
45 C	1,2-Dichloropropane	0.448	0.419	6.5#	95	0.00
46 T	Dibromomethane	0.319	0.318	0.3	99	0.00
47 T	Bromodichloromethane	0.653	0.640	2.0	99	0.00
48 T	Methyl methacrylate	0.559	0.551	1.4	97	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	98	0.00
50 S	Toluene-d8	1.351	1.251	7.4	101	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.752	-5.5	101	0.00
52 CM	Toluene	1.053	0.957	9.1#	90	0.00
53 T	t-1,3-Dichloropropene	0.676	0.639	5.5	90	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.649	7.5	89	0.00
55 T	1,1,2-Trichloroethane	0.407	0.421	-3.4	102	0.00
56 T	Ethyl methacrylate	0.651	0.699	-7.4	98	0.00
57 T	1,3-Dichloropropane	0.721	0.720	0.1	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.357	-1.4	99	0.00
59 T	2-Hexanone	0.451	0.507	-12.4	98	0.00
60 T	Dibromochloromethane	0.472	0.489	-3.6	103	0.00
61 T	1,2-Dibromoethane	0.430	0.441	-2.6	101	0.00
62 S	4-Bromofluorobenzene	0.481	0.471	2.1	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.347	0.288	17.0	92	0.00
65 PM	Chlorobenzene	1.244	1.132	9.0	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.424	-2.7	101	0.00
67 C	Ethyl Benzene	2.154	1.918	11.0#	89	0.00
68 T	m/p-Xylenes	0.790	0.715	9.5	88	0.00
69 T	o-Xylene	0.774	0.721	6.8	91	0.00
70 T	Styrene	1.297	1.263	2.6	91	0.00
71 P	Bromoform	0.317	0.349	-10.1	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	4.040	3.409	15.6	89	0.00
74 T	N-amyl acetate	1.531	1.492	2.5	101	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.351	2.9	104	0.00
76 T	1,2,3-Trichloropropane	1.173	1.232	-5.0	121	0.00
77 T	Bromobenzene	0.953	0.875	8.2	98	0.00
78 T	n-propylbenzene	4.977	4.249	14.6	89	0.00
79 T	2-Chlorotoluene	2.995	2.578	13.9	91	0.00
80 T	1,3,5-Trimethylbenzene	3.428	2.924	14.7	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.403	9.0	94	0.00
82 T	4-Chlorotoluene	3.149	2.615	17.0	87	0.00
83 T	tert-Butylbenzene	2.856	2.554	10.6	92	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.031	11.7	91	0.00
85 T	sec-Butylbenzene	4.239	3.660	13.7	91	0.00
86 T	p-Isopropyltoluene	3.500	3.043	13.1	91	0.00
87 T	1,3-Dichlorobenzene	1.876	1.676	10.7	96	0.00
88 T	1,4-Dichlorobenzene	1.952	1.713	12.2	96	0.00
89 T	n-Butylbenzene	3.476	2.916	16.1	89	0.00
90 T	Hexachloroethane	0.667	0.606	9.1	97	0.00
91 T	1,2-Dichlorobenzene	1.780	1.606	9.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.304	7.9	101	0.00
93 T	1,2,4-Trichlorobenzene	1.069	0.963	9.9	99	0.00
94 T	Hexachlorobutadiene	0.381	0.344	9.7	102	0.00
95 T	Naphthalene	3.786	3.638	3.9	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.045	0.945	9.6	99	0.00

(#) = Out of Range

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