

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087703.D
 Acq On : 02 Sep 2025 10:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 03 01:15:02 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	104	0.00
2 T	Dichlorodifluoromethane	0.710	0.657	7.5	84	0.00
3 P	Chloromethane	0.730	0.648	11.2	85	0.00
4 C	Vinyl Chloride	0.846	0.753	11.0#	87	0.00
5 T	Bromomethane	0.437	0.387	11.4	90	0.00
6 T	Chloroethane	0.595	0.506	15.0	87	0.00
7 T	Trichlorofluoromethane	1.240	1.127	9.1	92	0.00
8 T	Diethyl Ether	0.540	0.479	11.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.614	12.4	92	0.00
10 T	Methyl Iodide	0.450	0.415	7.8	90	0.00
11 T	Tert butyl alcohol	0.178	0.162	9.0	92	0.00
12 CM	1,1-Dichloroethene	0.721	0.618	14.3#	92	0.00
13 T	Acrolein	0.219	0.166	24.2	80	0.00
14 T	Allyl chloride	1.306	1.239	5.1	104	0.00
15 T	Acrylonitrile	0.502	0.440	12.4	92	0.00
16 T	Acetone	0.558	0.479	14.2	95	0.00
17 T	Carbon Disulfide	1.985	1.627	18.0	85	0.00
18 T	Methyl Acetate	1.168	1.102	5.7	99	0.00
19 T	Methyl tert-butyl Ether	2.704	2.458	9.1	94	0.00
20 T	Methylene Chloride	0.948	0.720	24.1	91	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.641	17.9	89	0.00
22 T	Diisopropyl ether	2.819	2.544	9.8	92	0.00
23 T	Vinyl Acetate	2.565	2.297	10.4	89	0.00
24 P	1,1-Dichloroethane	1.546	1.362	11.9	94	0.00
25 T	2-Butanone	0.734	0.638	13.1	91	0.00
26 T	2,2-Dichloropropane	1.327	1.188	10.5	94	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.821	12.1	91	0.00
28 T	Bromochloromethane	0.747	0.639	14.5	95	0.00
29 T	Tetrahydrofuran	0.472	0.399	15.5	88	0.00
30 C	Chloroform	1.578	1.410	10.6#	93	0.00
31 T	Cyclohexane	1.289	1.067	17.2	90	0.00
32 T	1,1,1-Trichloroethane	1.337	1.165	12.9	93	0.00
33 S	1,2-Dichloroethane-d4	1.024	0.903	11.8	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.361	0.327	9.4	98	0.00
36 T	1,1-Dichloropropene	0.554	0.476	14.1	90	0.00
37 T	Ethyl Acetate	0.757	0.647	14.5	87	0.00
38 T	Carbon Tetrachloride	0.547	0.508	7.1	94	0.00
39 T	Methylcyclohexane	0.610	0.527	13.6	89	0.00
40 TM	Benzene	1.699	1.528	10.1	91	0.00
41 T	Methacrylonitrile	0.392	0.349	11.0	90	0.00
42 TM	1,2-Dichloroethane	0.653	0.576	11.8	88	0.00
43 T	Isopropyl Acetate	1.182	1.077	8.9	90	0.00
44 TM	Trichloroethene	0.388	0.343	11.6	91	0.00
45 C	1,2-Dichloropropane	0.448	0.390	12.9#	90	0.00
46 T	Dibromomethane	0.319	0.290	9.1	91	0.00
47 T	Bromodichloromethane	0.653	0.616	5.7	96	0.00
48 T	Methyl methacrylate	0.559	0.496	11.3	89	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	0.007	0.0	96	0.00
50 S	Toluene-d8	1.351	1.221	9.6	100	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.660	7.4	89	0.00
52 CM	Toluene	1.053	0.937	11.0#	89	0.00
53 T	t-1,3-Dichloropropene	0.676	0.645	4.6	92	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.668	4.8	93	0.00
55 T	1,1,2-Trichloroethane	0.407	0.370	9.1	91	0.00
56 T	Ethyl methacrylate	0.651	0.649	0.3	92	0.00
57 T	1,3-Dichloropropane	0.721	0.655	9.2	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.352	0.0	99	0.00
59 T	2-Hexanone	0.451	0.457	-1.3	89	0.00
60 T	Dibromochloromethane	0.472	0.440	6.8	94	0.00
61 T	1,2-Dibromoethane	0.430	0.399	7.2	92	0.00
62 S	4-Bromofluorobenzene	0.481	0.437	9.1	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.347	0.297	14.4	92	0.00
65 PM	Chlorobenzene	1.244	1.143	8.1	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.401	2.9	92	0.00
67 C	Ethyl Benzene	2.154	2.011	6.6#	91	0.00
68 T	m/p-Xylenes	0.790	0.751	4.9	90	0.00
69 T	o-Xylene	0.774	0.734	5.2	89	0.00
70 T	Styrene	1.297	1.285	0.9	90	0.00
71 P	Bromoform	0.317	0.309	2.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	4.040	3.718	8.0	90	0.00
74 T	N-amyl acetate	1.531	1.432	6.5	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.296	6.8	93	0.00
76 T	1,2,3-Trichloropropane	1.173	1.178	-0.4	108	0.00
77 T	Bromobenzene	0.953	0.877	8.0	91	0.00
78 T	n-propylbenzene	4.977	4.591	7.8	89	0.00
79 T	2-Chlorotoluene	2.995	2.760	7.8	91	0.00
80 T	1,3,5-Trimethylbenzene	3.428	3.150	8.1	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.443	0.0	96	0.00
82 T	4-Chlorotoluene	3.149	2.829	10.2	88	0.00
83 T	tert-Butylbenzene	2.856	2.663	6.8	90	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.248	5.3	91	0.00
85 T	sec-Butylbenzene	4.239	3.869	8.7	90	0.00
86 T	p-Isopropyltoluene	3.500	3.240	7.4	90	0.00
87 T	1,3-Dichlorobenzene	1.876	1.712	8.7	92	0.00
88 T	1,4-Dichlorobenzene	1.952	1.737	11.0	91	0.00
89 T	n-Butylbenzene	3.476	3.123	10.2	88	0.00
90 T	Hexachloroethane	0.667	0.632	5.2	94	0.00
91 T	1,2-Dichlorobenzene	1.780	1.636	8.1	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.281	14.8	87	0.00
93 T	1,2,4-Trichlorobenzene	1.069	0.963	9.9	92	0.00
94 T	Hexachlorobutadiene	0.381	0.304	20.2	84	0.00
95 T	Naphthalene	3.786	3.443	9.1	90	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	0.931	10.9	91	0.00

(#) = Out of Range

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