

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087691.D
 Acq On : 28 Aug 2025 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 03:22:06 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	80	0.00
2 T	Dichlorodifluoromethane	0.710	0.730	-2.8	72	0.00
3 P	Chloromethane	0.730	0.760	-4.1	77	0.00
4 C	Vinyl Chloride	0.846	0.838	0.9#	74	0.00
5 T	Bromomethane	0.437	0.464	-6.2	83	0.00
6 T	Chloroethane	0.595	0.598	-0.5	79	0.00
7 T	Trichlorofluoromethane	1.240	1.288	-3.9	81	0.00
8 T	Diethyl Ether	0.540	0.552	-2.2	84	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.709	-1.1	82	0.00
10 T	Methyl Iodide	0.450	0.446	0.9	74	0.00
11 T	Tert butyl alcohol	0.178	0.184	-3.4	80	0.01
12 CM	1,1-Dichloroethene	0.721	0.731	-1.4#	84	0.00
13 T	Acrolein	0.219	0.227	-3.7	85	0.00
14 T	Allyl chloride	1.306	1.177	9.9	76	0.00
15 T	Acrylonitrile	0.502	0.515	-2.6	83	0.00
16 T	Acetone	0.558	0.505	9.5	78	0.00
17 T	Carbon Disulfide	1.985	1.828	7.9	73	0.00
18 T	Methyl Acetate	1.168	1.310	-12.2	91	0.00
19 T	Methyl tert-butyl Ether	2.704	2.731	-1.0	80	0.00
20 T	Methylene Chloride	0.948	0.810	14.6	79	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.751	3.8	80	0.00
22 T	Diisopropyl ether	2.819	2.934	-4.1	82	0.00
23 T	Vinyl Acetate	2.565	2.653	-3.4	79	0.00
24 P	1,1-Dichloroethane	1.546	1.514	2.1	81	0.01
25 T	2-Butanone	0.734	0.748	-1.9	82	0.00
26 T	2,2-Dichloropropane	1.327	1.138	14.2	69	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.927	0.7	79	0.00
28 T	Bromochloromethane	0.747	0.734	1.7	84	0.00
29 T	Tetrahydrofuran	0.472	0.490	-3.8	83	0.00
30 C	Chloroform	1.578	1.618	-2.5#	82	0.00
31 T	Cyclohexane	1.289	1.198	7.1	78	0.00
32 T	1,1,1-Trichloroethane	1.337	1.334	0.2	82	0.00
33 S	1,2-Dichloroethane-d4	1.024	0.991	3.2	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.361	0.346	4.2	84	0.00
36 T	1,1-Dichloropropene	0.554	0.519	6.3	80	0.00
37 T	Ethyl Acetate	0.757	0.728	3.8	79	0.00
38 T	Carbon Tetrachloride	0.547	0.542	0.9	81	0.00
39 T	Methylcyclohexane	0.610	0.554	9.2	76	0.00
40 TM	Benzene	1.699	1.652	2.8	79	0.00
41 T	Methacrylonitrile	0.392	0.402	-2.6	84	0.00
42 TM	1,2-Dichloroethane	0.653	0.649	0.6	81	0.00
43 T	Isopropyl Acetate	1.182	1.205	-1.9	81	0.00
44 TM	Trichloroethene	0.388	0.367	5.4	79	0.00
45 C	1,2-Dichloropropane	0.448	0.432	3.6#	81	0.00
46 T	Dibromomethane	0.319	0.321	-0.6	82	0.00
47 T	Bromodichloromethane	0.653	0.668	-2.3	85	0.00
48 T	Methyl methacrylate	0.559	0.561	-0.4	81	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	78	0.00
50 S	Toluene-d8	1.351	1.268	6.1	84	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.768	-7.7	84	0.00
52 CM	Toluene	1.053	1.042	1.0#	80	0.00
53 T	t-1,3-Dichloropropene	0.676	0.687	-1.6	79	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.696	0.9	78	0.00
55 T	1,1,2-Trichloroethane	0.407	0.412	-1.2	82	0.00
56 T	Ethyl methacrylate	0.651	0.699	-7.4	80	0.00
57 T	1,3-Dichloropropane	0.721	0.726	-0.7	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.374	-6.3	85	0.00
59 T	2-Hexanone	0.451	0.515	-14.2	82	0.00
60 T	Dibromochloromethane	0.472	0.480	-1.7	83	0.00
61 T	1,2-Dibromoethane	0.430	0.441	-2.6	83	0.00
62 S	4-Bromofluorobenzene	0.481	0.469	2.5	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.347	0.306	11.8	81	0.00
65 PM	Chlorobenzene	1.244	1.177	5.4	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.418	-1.2	82	0.00
67 C	Ethyl Benzene	2.154	2.102	2.4#	81	0.00
68 T	m/p-Xylenes	0.790	0.790	0.0	81	0.00
69 T	o-Xylene	0.774	0.756	2.3	79	0.00
70 T	Styrene	1.297	1.331	-2.6	80	0.00
71 P	Bromoform	0.317	0.326	-2.8	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	4.040	3.847	4.8	81	0.00
74 T	N-amyl acetate	1.531	1.377	10.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.385	0.4	86	0.00
76 T	1,2,3-Trichloropropane	1.173	1.283	-9.4	101	0.00
77 T	Bromobenzene	0.953	0.895	6.1	80	0.00
78 T	n-propylbenzene	4.977	4.821	3.1	81	0.00
79 T	2-Chlorotoluene	2.995	2.901	3.1	82	0.00
80 T	1,3,5-Trimethylbenzene	3.428	3.262	4.8	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.423	4.5	79	0.00
82 T	4-Chlorotoluene	3.149	2.990	5.0	80	0.00
83 T	tert-Butylbenzene	2.856	2.785	2.5	81	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.394	1.1	82	0.00
85 T	sec-Butylbenzene	4.239	4.086	3.6	82	0.00
86 T	p-Isopropyltoluene	3.500	3.409	2.6	81	0.00
87 T	1,3-Dichlorobenzene	1.876	1.798	4.2	83	0.00
88 T	1,4-Dichlorobenzene	1.952	1.818	6.9	82	0.00
89 T	n-Butylbenzene	3.476	3.291	5.3	80	0.00
90 T	Hexachloroethane	0.667	0.669	-0.3	86	0.00
91 T	1,2-Dichlorobenzene	1.780	1.747	1.9	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.314	4.8	83	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.015	5.1	83	0.00
94 T	Hexachlorobutadiene	0.381	0.345	9.4	82	0.00
95 T	Naphthalene	3.786	3.727	1.6	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.045	0.976	6.6	82	0.00

(#) = Out of Range

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