

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087749.D
 Acq On : 08 Sep 2025 08:58
 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 09 02:23:14 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	113	0.00
2 T	Dichlorodifluoromethane	0.710	0.732	-3.1	102	0.00
3 P	Chloromethane	0.730	0.657	10.0	93	0.00
4 C	Vinyl Chloride	0.846	0.817	3.4#	102	0.00
5 T	Bromomethane	0.437	0.439	-0.5	111	0.00
6 T	Chloroethane	0.595	0.519	12.8	97	0.00
7 T	Trichlorofluoromethane	1.240	1.265	-2.0	112	0.00
8 T	Diethyl Ether	0.540	0.457	15.4	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.709	-1.1	115	0.00
10 T	Methyl Iodide	0.450	0.504	-12.0	118	0.00
11 T	Tert butyl alcohol	0.178	0.139	21.9	85	0.00
12 CM	1,1-Dichloroethene	0.721	0.665	7.8#	107	0.00
13 T	Acrolein	0.219	0.196	10.5	103	0.00
14 T	Allyl chloride	1.306	1.056	19.1	96	0.00
15 T	Acrylonitrile	0.502	0.414	17.5	94	0.00
16 T	Acetone	0.558	0.468	16.1	101	0.00
17 T	Carbon Disulfide	1.985	1.664	16.2	94	0.00
18 T	Methyl Acetate	1.168	1.094	6.3	107	0.00
19 T	Methyl tert-butyl Ether	2.704	2.315	14.4	96	0.00
20 T	Methylene Chloride	0.948	0.699	26.3#	96	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.662	15.2	100	0.00
22 T	Diisopropyl ether	2.819	2.442	13.4	96	0.00
23 T	Vinyl Acetate	2.565	2.185	14.8	92	0.00
24 P	1,1-Dichloroethane	1.546	1.343	13.1	101	0.00
25 T	2-Butanone	0.734	0.601	18.1	93	0.00
26 T	2,2-Dichloropropane	1.327	1.258	5.2	108	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.804	13.9	96	0.00
28 T	Bromochloromethane	0.747	0.677	9.4	109	0.00
29 T	Tetrahydrofuran	0.472	0.358	24.2	85	0.00
30 C	Chloroform	1.578	1.393	11.7#	100	0.00
31 T	Cyclohexane	1.289	1.187	7.9	109	0.00
32 T	1,1,1-Trichloroethane	1.337	1.195	10.6	104	0.00
33 S	1,2-Dichloroethane-d4	1.024	0.897	12.4	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.361	0.354	1.9	111	0.00
36 T	1,1-Dichloropropene	0.554	0.514	7.2	102	0.00
37 T	Ethyl Acetate	0.757	0.616	18.6	87	0.00
38 T	Carbon Tetrachloride	0.547	0.558	-2.0	108	0.00
39 T	Methylcyclohexane	0.610	0.632	-3.6	113	0.00
40 TM	Benzene	1.699	1.562	8.1	98	0.00
41 T	Methacrylonitrile	0.392	0.342	12.8	92	0.00
42 TM	1,2-Dichloroethane	0.653	0.573	12.3	93	0.00
43 T	Isopropyl Acetate	1.182	1.049	11.3	92	0.00
44 TM	Trichloroethene	0.388	0.360	7.2	100	0.00
45 C	1,2-Dichloropropane	0.448	0.399	10.9#	97	0.00
46 T	Dibromomethane	0.319	0.285	10.7	94	0.00
47 T	Bromodichloromethane	0.653	0.616	5.7	101	0.00
48 T	Methyl methacrylate	0.559	0.492	12.0	93	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	88	0.00
50 S	Toluene-d8	1.351	1.337	1.0	115	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.641	10.1	92	0.00
52 CM	Toluene	1.053	0.976	7.3#	98	0.00
53 T	t-1,3-Dichloropropene	0.676	0.640	5.3	96	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.660	6.0	97	0.00
55 T	1,1,2-Trichloroethane	0.407	0.379	6.9	98	0.00
56 T	Ethyl methacrylate	0.651	0.631	3.1	94	0.00
57 T	1,3-Dichloropropane	0.721	0.656	9.0	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.324	8.0	96	0.00
59 T	2-Hexanone	0.451	0.445	1.3	92	0.00
60 T	Dibromochloromethane	0.472	0.436	7.6	98	0.00
61 T	1,2-Dibromoethane	0.430	0.387	10.0	94	0.00
62 S	4-Bromofluorobenzene	0.481	0.470	2.3	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.347	0.323	6.9	105	0.00
65 PM	Chlorobenzene	1.244	1.164	6.4	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.403	2.4	98	0.00
67 C	Ethyl Benzene	2.154	2.136	0.8#	102	0.00
68 T	m/p-Xylenes	0.790	0.784	0.8	99	0.00
69 T	o-Xylene	0.774	0.758	2.1	97	0.00
70 T	Styrene	1.297	1.300	-0.2	96	0.00
71 P	Bromoform	0.317	0.322	-1.6	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	4.040	3.941	2.5	103	0.00
74 T	N-amyl acetate	1.531	1.394	8.9	94	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.251	10.1	97	0.00
76 T	1,2,3-Trichloropropane	1.173	1.151	1.9	113	0.00
77 T	Bromobenzene	0.953	0.870	8.7	97	0.00
78 T	n-propylbenzene	4.977	4.947	0.6	104	0.00
79 T	2-Chlorotoluene	2.995	2.832	5.4	100	0.00
80 T	1,3,5-Trimethylbenzene	3.428	3.315	3.3	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.441	0.5	103	0.00
82 T	4-Chlorotoluene	3.149	2.948	6.4	98	0.00
83 T	tert-Butylbenzene	2.856	2.913	-2.0	105	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.326	3.1	100	0.00
85 T	sec-Butylbenzene	4.239	4.369	-3.1	109	0.00
86 T	p-Isopropyltoluene	3.500	3.584	-2.4	107	0.00
87 T	1,3-Dichlorobenzene	1.876	1.744	7.0	100	0.00
88 T	1,4-Dichlorobenzene	1.952	1.747	10.5	98	0.00
89 T	n-Butylbenzene	3.476	3.629	-4.4	110	0.00
90 T	Hexachloroethane	0.667	0.699	-4.8	112	0.00
91 T	1,2-Dichlorobenzene	1.780	1.608	9.7	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.266	19.4	88	0.00
93 T	1,2,4-Trichlorobenzene	1.069	0.996	6.8	102	0.00
94 T	Hexachlorobutadiene	0.381	0.391	-2.6	116	0.00
95 T	Naphthalene	3.786	3.374	10.9	95	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	0.944	9.7	99	0.00

(#) = Out of Range

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