

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087897.D
 Acq On : 18 Sep 2025 15:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 03:10:26 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	103	0.00
2 T	Dichlorodifluoromethane	0.710	0.714	-0.6	91	0.00
3 P	Chloromethane	0.730	0.689	5.6	89	0.00
4 C	Vinyl Chloride	0.846	0.748	11.6#	85	0.00
5 T	Bromomethane	0.437	0.433	0.9	100	-0.01
6 T	Chloroethane	0.595	0.490	17.6	84	0.00
7 T	Trichlorofluoromethane	1.240	1.190	4.0	96	0.00
8 T	Diethyl Ether	0.540	0.483	10.6	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.650	7.3	97	0.00
10 T	Methyl Iodide	0.450	0.576	-28.0#	124	0.00
11 T	Tert butyl alcohol	0.178	0.173	2.8	97	0.00
12 CM	1,1-Dichloroethene	0.721	0.645	10.5#	95	0.00
13 T	Acrolein	0.219	0.253	-15.5	122	0.00
14 T	Allyl chloride	1.306	1.093	16.3	91	0.00
15 T	Acrylonitrile	0.502	0.485	3.4	100	0.00
16 T	Acetone	0.558	0.450	19.4	89	0.00
17 T	Carbon Disulfide	1.985	1.899	4.3	98	0.00
18 T	Methyl Acetate	1.168	1.232	-5.5	110	0.01
19 T	Methyl tert-butyl Ether	2.704	2.705	-0.0	102	0.00
20 T	Methylene Chloride	0.948	0.859	9.4	108	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.803	-2.8	110	0.00
22 T	Diisopropyl ether	2.819	2.648	6.1	95	0.00
23 T	Vinyl Acetate	2.565	2.438	5.0	94	0.00
24 P	1,1-Dichloroethane	1.546	1.455	5.9	100	0.01
25 T	2-Butanone	0.734	0.695	5.3	98	0.00
26 T	2,2-Dichloropropane	1.327	1.314	1.0	103	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.963	-3.1	106	0.00
28 T	Bromochloromethane	0.747	0.598	19.9	88	0.00
29 T	Tetrahydrofuran	0.472	0.447	5.3	98	0.00
30 C	Chloroform	1.578	1.610	-2.0#	105	0.00
31 T	Cyclohexane	1.289	1.129	12.4	94	0.00
32 T	1,1,1-Trichloroethane	1.337	1.346	-0.7	107	0.00
33 S	1,2-Dichloroethane-d4	1.024	0.829	19.0	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.361	0.353	2.2	99	0.00
36 T	1,1-Dichloropropene	0.554	0.562	-1.4	99	0.00
37 T	Ethyl Acetate	0.757	0.780	-3.0	98	0.00
38 T	Carbon Tetrachloride	0.547	0.639	-16.8	110	0.00
39 T	Methylcyclohexane	0.610	0.636	-4.3	101	0.00
40 TM	Benzene	1.699	1.840	-8.3	102	0.00
41 T	Methacrylonitrile	0.392	0.400	-2.0	96	0.00
42 TM	1,2-Dichloroethane	0.653	0.685	-4.9	98	0.00
43 T	Isopropyl Acetate	1.182	1.222	-3.4	95	0.00
44 TM	Trichloroethene	0.388	0.435	-12.1	108	0.00
45 C	1,2-Dichloropropane	0.448	0.468	-4.5#	101	0.00
46 T	Dibromomethane	0.319	0.360	-12.9	105	0.00
47 T	Bromodichloromethane	0.653	0.715	-9.5	105	0.00
48 T	Methyl methacrylate	0.559	0.569	-1.8	95	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	96	0.00
50 S	Toluene-d8	1.351	1.238	8.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.767	-7.6	97	0.00
52 CM	Toluene	1.053	1.168	-10.9#	104	0.00
53 T	t-1,3-Dichloropropene	0.676	0.757	-12.0	101	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.772	-10.0	100	0.00
55 T	1,1,2-Trichloroethane	0.407	0.469	-15.2	107	0.00
56 T	Ethyl methacrylate	0.651	0.763	-17.2	101	0.00
57 T	1,3-Dichloropropane	0.721	0.805	-11.7	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.351	0.3	93	0.00
59 T	2-Hexanone	0.451	0.531	-17.7	97	0.00
60 T	Dibromochloromethane	0.472	0.557	-18.0	112	0.00
61 T	1,2-Dibromoethane	0.430	0.502	-16.7	108	0.00
62 S	4-Bromofluorobenzene	0.481	0.479	0.4	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.347	0.378	-8.9	114	0.00
65 PM	Chlorobenzene	1.244	1.391	-11.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.503	-21.8	113	0.00
67 C	Ethyl Benzene	2.154	2.435	-13.0#	107	0.00
68 T	m/p-Xylenes	0.790	0.992	-25.6#	115	0.00
69 T	o-Xylene	0.774	0.937	-21.1	111	0.00
70 T	Styrene	1.297	1.561	-20.4	106	0.00
71 P	Bromoform	0.317	0.411	-29.7#	121	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	4.040	4.075	-0.9	105	0.00
74 T	N-amyl acetate	1.531	1.253	18.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.410	-1.4	107	0.00
76 T	1,2,3-Trichloropropane	1.173	1.299	-10.7	126	0.00
77 T	Bromobenzene	0.953	1.039	-9.0	115	0.00
78 T	n-propylbenzene	4.977	5.043	-1.3	104	0.00
79 T	2-Chlorotoluene	2.995	3.004	-0.3	105	0.00
80 T	1,3,5-Trimethylbenzene	3.428	3.496	-2.0	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.498	-12.4	115	0.00
82 T	4-Chlorotoluene	3.149	3.148	0.0	104	0.00
83 T	tert-Butylbenzene	2.856	3.028	-6.0	108	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.626	-5.7	108	0.00
85 T	sec-Butylbenzene	4.239	4.377	-3.3	108	0.00
86 T	p-Isopropyltoluene	3.500	3.716	-6.2	109	0.00
87 T	1,3-Dichlorobenzene	1.876	2.007	-7.0	114	0.00
88 T	1,4-Dichlorobenzene	1.952	2.026	-3.8	113	0.00
89 T	n-Butylbenzene	3.476	3.460	0.5	104	0.00
90 T	Hexachloroethane	0.667	0.713	-6.9	113	0.00
91 T	1,2-Dichlorobenzene	1.780	1.948	-9.4	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.317	3.9	104	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.178	-10.2	119	0.00
94 T	Hexachlorobutadiene	0.381	0.403	-5.8	118	0.00
95 T	Naphthalene	3.786	3.934	-3.9	109	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	1.148	-9.9	118	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6