

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086722.D
 Acq On : 21 May 2025 11:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 01:18:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 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	91	0.00
2 T	Dichlorodifluoromethane	0.540	0.636	-17.8	96	0.00
3 P	Chloromethane	0.817	0.852	-4.3	99	0.00
4 C	Vinyl Chloride	0.733	0.782	-6.7#	94	0.00
5 T	Bromomethane	0.423	0.412	2.6	93	0.01
6 T	Chloroethane	0.480	0.492	-2.5	96	0.00
7 T	Trichlorofluoromethane	0.877	0.928	-5.8	96	0.00
8 T	Diethyl Ether	0.362	0.381	-5.2	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.525	0.572	-9.0	98	0.00
10 T	Methyl Iodide	0.653	0.629	3.7	88	0.00
11 T	Tert butyl alcohol	0.126	0.115	8.7	86	0.00
12 CM	1,1-Dichloroethene	0.558	0.579	-3.8#	96	0.00
13 T	Acrolein	0.135	0.141	-4.4	96	0.00
14 T	Allyl chloride	0.844	0.888	-5.2	98	0.00
15 T	Acrylonitrile	0.312	0.321	-2.9	94	0.00
16 T	Acetone	0.258	0.242	6.2	91	0.00
17 T	Carbon Disulfide	1.544	1.645	-6.5	97	0.00
18 T	Methyl Acetate	0.723	0.699	3.3	96	0.00
19 T	Methyl tert-butyl Ether	1.899	1.983	-4.4	94	0.00
20 T	Methylene Chloride	0.682	0.679	0.4	98	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.618	-4.7	97	0.00
22 T	Diisopropyl ether	1.904	2.047	-7.5	97	0.00
23 T	Vinyl Acetate	1.431	1.496	-4.5	93	0.00
24 P	1,1-Dichloroethane	1.118	1.170	-4.7	96	0.00
25 T	2-Butanone	0.399	0.400	-0.3	90	0.00
26 T	2,2-Dichloropropane	0.923	0.990	-7.3	101	0.00
27 T	cis-1,2-Dichloroethene	0.724	0.743	-2.6	95	0.00
28 T	Bromochloromethane	0.508	0.514	-1.2	92	0.00
29 T	Tetrahydrofuran	0.261	0.265	-1.5	91	0.00
30 C	Chloroform	1.119	1.149	-2.7#	95	0.00
31 T	Cyclohexane	1.037	1.046	-0.9	97	0.00
32 T	1,1,1-Trichloroethane	0.944	0.976	-3.4	94	0.00
33 S	1,2-Dichloroethane-d4	0.691	0.701	-1.4	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.298	0.307	-3.0	93	0.00
36 T	1,1-Dichloropropene	0.439	0.465	-5.9	97	0.00
37 T	Ethyl Acetate	0.444	0.433	2.5	90	0.00
38 T	Carbon Tetrachloride	0.433	0.457	-5.5	96	0.00
39 T	Methylcyclohexane	0.475	0.520	-9.5	98	0.00
40 TM	Benzene	1.433	1.494	-4.3	96	0.00
41 T	Methacrylonitrile	0.240	0.244	-1.7	92	0.00
42 TM	1,2-Dichloroethane	0.446	0.453	-1.6	94	0.00
43 T	Isopropyl Acetate	0.889	0.772	13.2	91	0.00
44 TM	Trichloroethene	0.346	0.363	-4.9	96	0.00
45 C	1,2-Dichloropropane	0.340	0.364	-7.1#	98	0.00
46 T	Dibromomethane	0.230	0.237	-3.0	94	0.00
47 T	Bromodichloromethane	0.473	0.501	-5.9	96	0.00
48 T	Methyl methacrylate	0.345	0.351	-1.7	91	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	0.007	0.0	89	0.00
50 S	Toluene-d8	1.234	1.283	-4.0	93	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.450	-0.2	90	0.00
52 CM	Toluene	0.891	0.932	-4.6#	95	0.00
53 T	t-1,3-Dichloropropene	0.501	0.542	-8.2	95	0.00
54 T	cis-1,3-Dichloropropene	0.547	0.590	-7.9	98	0.00
55 T	1,1,2-Trichloroethane	0.332	0.337	-1.5	95	0.00
56 T	Ethyl methacrylate	0.533	0.566	-6.2	92	0.00
57 T	1,3-Dichloropropane	0.572	0.593	-3.7	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.253	-6.3	88	0.00
59 T	2-Hexanone	0.328	0.329	-0.3	89	0.00
60 T	Dibromochloromethane	0.348	0.370	-6.3	96	0.00
61 T	1,2-Dibromoethane	0.334	0.342	-2.4	93	0.00
62 S	4-Bromofluorobenzene	0.436	0.469	-7.6	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.383	0.414	-8.1	101	0.00
65 PM	Chlorobenzene	1.096	1.139	-3.9	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.368	-4.0	95	0.00
67 C	Ethyl Benzene	1.878	1.985	-5.7#	96	0.00
68 T	m/p-Xylenes	0.711	0.771	-8.4	97	0.00
69 T	o-Xylene	0.707	0.749	-5.9	93	0.00
70 T	Styrene	1.158	1.272	-9.8	95	0.00
71 P	Bromoform	0.252	0.264	-4.8	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.862	3.741	3.1	96	0.00
74 T	N-amyl acetate	1.613	1.525	5.5	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.186	1.067	10.0	92	0.00
76 T	1,2,3-Trichloropropane	1.131	1.037	8.3	91	0.00
77 T	Bromobenzene	0.971	0.905	6.8	94	0.00
78 T	n-propylbenzene	4.432	4.515	-1.9	98	0.00
79 T	2-Chlorotoluene	2.882	2.817	2.3	96	0.00
80 T	1,3,5-Trimethylbenzene	3.094	3.151	-1.8	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.448	0.467	-4.2	94	0.00
82 T	4-Chlorotoluene	2.855	2.860	-0.2	98	0.00
83 T	tert-Butylbenzene	2.698	2.636	2.3	96	0.00
84 T	1,2,4-Trimethylbenzene	3.081	3.197	-3.8	97	0.00
85 T	sec-Butylbenzene	3.618	3.771	-4.2	99	0.00
86 T	p-Isopropyltoluene	2.965	3.175	-7.1	99	0.00
87 T	1,3-Dichlorobenzene	1.682	1.721	-2.3	98	0.00
88 T	1,4-Dichlorobenzene	1.667	1.731	-3.8	99	0.00
89 T	n-Butylbenzene	2.458	2.716	-10.5	101	0.00
90 T	Hexachloroethane	0.492	0.515	-4.7	99	0.00
91 T	1,2-Dichlorobenzene	1.600	1.641	-2.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.197	0.194	1.5	88	0.00
93 T	1,2,4-Trichlorobenzene	0.675	0.725	-7.4	96	0.00
94 T	Hexachlorobutadiene	0.280	0.292	-4.3	101	0.00
95 T	Naphthalene	2.345	2.321	1.0	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.661	0.683	-3.3	95	0.00

(#) = Out of Range

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