

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087122.D
 Acq On : 20 Jun 2025 08:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 20 22:58:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 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	98	0.00
2 T	Dichlorodifluoromethane	0.499	0.562	-12.6	110	0.00
3 P	Chloromethane	0.644	0.569	11.6	93	0.00
4 C	Vinyl Chloride	0.664	0.755	-13.7#	116	0.00
5 T	Bromomethane	0.372	0.413	-11.0	114	0.00
6 T	Chloroethane	0.429	0.470	-9.6	113	0.00
7 T	Trichlorofluoromethane	0.868	0.973	-12.1	115	0.00
8 T	Diethyl Ether	0.378	0.405	-7.1	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.618	-13.4	117	0.00
10 T	Methyl Iodide	0.707	0.541	23.5	78	0.00
11 T	Tert butyl alcohol	0.182	0.146	19.8	81	-0.02
12 CM	1,1-Dichloroethene	0.557	0.621	-11.5#	114	0.01
13 T	Acrolein	0.057	0.040	29.8#	87	0.00
14 T	Allyl chloride	0.923	0.888	3.8	101	0.00
15 T	Acrylonitrile	0.425	0.408	4.0	99	-0.01
16 T	Acetone	0.355	0.401	-13.0	122	0.00
17 T	Carbon Disulfide	1.539	1.736	-12.8	119	0.01
18 T	Methyl Acetate	1.035	0.888	14.2	88	0.00
19 T	Methyl tert-butyl Ether	2.015	2.100	-4.2	107	0.00
20 T	Methylene Chloride	0.665	0.682	-2.6	111	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.660	-6.6	114	0.00
22 T	Diisopropyl ether	1.945	1.903	2.2	101	0.00
23 T	Vinyl Acetate	1.644	1.667	-1.4	103	0.00
24 P	1,1-Dichloroethane	1.120	1.192	-6.4	110	0.00
25 T	2-Butanone	0.577	0.503	12.8	90	0.00
26 T	2,2-Dichloropropane	0.871	1.038	-19.2	113	0.00
27 T	cis-1,2-Dichloroethene	0.740	0.789	-6.6	111	0.00
28 T	Bromochloromethane	0.550	0.505	8.2	106	0.00
29 T	Tetrahydrofuran	0.376	0.332	11.7	91	0.00
30 C	Chloroform	1.118	1.161	-3.8#	107	0.00
31 T	Cyclohexane	1.086	1.038	4.4	102	0.00
32 T	1,1,1-Trichloroethane	0.951	0.998	-4.9	110	0.00
33 S	1,2-Dichloroethane-d4	0.669	0.665	0.6	131	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.296	0.333	-12.5	142	0.00
36 T	1,1-Dichloropropene	0.442	0.496	-12.2	111	0.00
37 T	Ethyl Acetate	0.562	0.545	3.0	95	0.00
38 T	Carbon Tetrachloride	0.433	0.485	-12.0	111	0.00
39 T	Methylcyclohexane	0.605	0.596	1.5	98	0.00
40 TM	Benzene	1.444	1.560	-8.0	109	0.00
41 T	Methacrylonitrile	0.316	0.306	3.2	94	0.00
42 TM	1,2-Dichloroethane	0.438	0.468	-6.8	107	0.00
43 T	Isopropyl Acetate	0.902	0.853	5.4	94	0.00
44 TM	Trichloroethene	0.342	0.380	-11.1	109	0.00
45 C	1,2-Dichloropropane	0.351	0.381	-8.5#	108	0.00
46 T	Dibromomethane	0.233	0.264	-13.3	112	-0.01
47 T	Bromodichloromethane	0.480	0.522	-8.8	107	0.00
48 T	Methyl methacrylate	0.415	0.393	5.3	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	83	0.00
50 S	Toluene-d8	1.173	1.216	-3.7	132	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.523	3.7	91	0.00
52 CM	Toluene	0.882	0.968	-9.8#	109	0.00
53 T	t-1,3-Dichloropropene	0.537	0.595	-10.8	107	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.641	-11.7	109	0.00
55 T	1,1,2-Trichloroethane	0.340	0.365	-7.4	106	0.00
56 T	Ethyl methacrylate	0.541	0.607	-12.2	102	0.00
57 T	1,3-Dichloropropane	0.589	0.628	-6.6	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.323	0.312	3.4	107	0.00
59 T	2-Hexanone	0.350	0.345	1.4	88	0.00
60 T	Dibromochloromethane	0.354	0.396	-11.9	109	0.00
61 T	1,2-Dibromoethane	0.348	0.374	-7.5	107	0.00
62 S	4-Bromofluorobenzene	0.436	0.458	-5.0	132	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.316	0.347	-9.8	109	0.00
65 PM	Chlorobenzene	1.103	1.217	-10.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.392	-10.7	107	0.00
67 C	Ethyl Benzene	1.899	2.054	-8.2#	106	0.00
68 T	m/p-Xylenes	0.727	0.830	-14.2	109	0.00
69 T	o-Xylene	0.696	0.787	-13.1	108	0.00
70 T	Styrene	1.192	1.339	-12.3	106	0.00
71 P	Bromoform	0.263	0.304	-15.6	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.643	3.919	-7.6	104	0.00
74 T	N-amyl acetate	1.273	1.173	7.9	84	0.00
75 P	1,1,2,2-Tetrachloroethane	1.234	1.287	-4.3	99	0.00
76 T	1,2,3-Trichloropropane	1.189	1.193	-0.3	92	0.00
77 T	Bromobenzene	0.835	0.954	-14.3	109	0.00
78 T	n-propylbenzene	4.427	4.624	-4.4	99	0.00
79 T	2-Chlorotoluene	2.655	2.804	-5.6	101	0.00
80 T	1,3,5-Trimethylbenzene	3.007	3.206	-6.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.516	0.554	-7.4	105	0.00
82 T	4-Chlorotoluene	2.686	2.868	-6.8	102	0.00
83 T	tert-Butylbenzene	2.753	2.751	0.1	95	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.218	-6.7	100	0.00
85 T	sec-Butylbenzene	3.998	3.908	2.3	92	0.00
86 T	p-Isopropyltoluene	3.305	3.296	0.3	94	0.00
87 T	1,3-Dichlorobenzene	1.644	1.796	-9.2	105	0.00
88 T	1,4-Dichlorobenzene	1.676	1.831	-9.2	105	0.00
89 T	n-Butylbenzene	3.201	2.880	10.0	85	0.00
90 T	Hexachloroethane	0.560	0.585	-4.5	99	0.00
91 T	1,2-Dichlorobenzene	1.579	1.693	-7.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.273	7.5	91	0.00
93 T	1,2,4-Trichlorobenzene	1.008	0.932	7.5	87	0.00
94 T	Hexachlorobutadiene	0.376	0.265	29.5#	66	0.00
95 T	Naphthalene	3.753	3.710	1.1	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.905	9.7	86	0.00

(#) = Out of Range

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