

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087098.D
 Acq On : 18 Jun 2025 19:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 19 01:34:51 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	91	0.00
2 T	Dichlorodifluoromethane	0.499	0.532	-6.6	97	0.00
3 P	Chloromethane	0.644	0.586	9.0	89	0.00
4 C	Vinyl Chloride	0.664	0.742	-11.7#	106	0.00
5 T	Bromomethane	0.372	0.385	-3.5	98	0.00
6 T	Chloroethane	0.429	0.473	-10.3	106	0.00
7 T	Trichlorofluoromethane	0.868	0.960	-10.6	105	0.00
8 T	Diethyl Ether	0.378	0.404	-6.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.597	-9.5	105	0.00
10 T	Methyl Iodide	0.707	0.478	32.4#	64	0.00
11 T	Tert butyl alcohol	0.182	0.164	9.9	85	-0.01
12 CM	1,1-Dichloroethene	0.557	0.608	-9.2#	104	0.01
13 T	Acrolein	0.057	0.080	-40.4#	162#	0.00
14 T	Allyl chloride	0.923	0.866	6.2	91	0.00
15 T	Acrylonitrile	0.425	0.424	0.2	95	0.00
16 T	Acetone	0.355	0.325	8.5	92	0.00
17 T	Carbon Disulfide	1.539	1.739	-13.0	111	0.01
18 T	Methyl Acetate	1.035	1.067	-3.1	99	0.00
19 T	Methyl tert-butyl Ether	2.015	2.066	-2.5	97	0.00
20 T	Methylene Chloride	0.665	0.685	-3.0	103	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.648	-4.7	104	0.00
22 T	Diisopropyl ether	1.945	1.918	1.4	94	0.00
23 T	Vinyl Acetate	1.644	1.609	2.1	92	0.00
24 P	1,1-Dichloroethane	1.120	1.175	-4.9	101	0.00
25 T	2-Butanone	0.577	0.534	7.5	88	0.00
26 T	2,2-Dichloropropane	0.871	0.831	4.6	84	0.00
27 T	cis-1,2-Dichloroethene	0.740	0.782	-5.7	102	0.00
28 T	Bromochloromethane	0.550	0.510	7.3	100	0.00
29 T	Tetrahydrofuran	0.376	0.354	5.9	90	0.00
30 C	Chloroform	1.118	1.163	-4.0#	100	0.00
31 T	Cyclohexane	1.086	1.032	5.0	94	0.00
32 T	1,1,1-Trichloroethane	0.951	0.980	-3.0	100	0.00
33 S	1,2-Dichloroethane-d4	0.669	0.687	-2.7	125	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.296	0.331	-11.8	137	0.00
36 T	1,1-Dichloropropene	0.442	0.474	-7.2	103	0.00
37 T	Ethyl Acetate	0.562	0.545	3.0	92	0.00
38 T	Carbon Tetrachloride	0.433	0.464	-7.2	103	0.00
39 T	Methylcyclohexane	0.605	0.542	10.4	86	0.00
40 TM	Benzene	1.444	1.508	-4.4	102	0.00
41 T	Methacrylonitrile	0.316	0.290	8.2	87	0.00
42 TM	1,2-Dichloroethane	0.438	0.451	-3.0	100	0.00
43 T	Isopropyl Acetate	0.902	0.839	7.0	89	0.00
44 TM	Trichloroethene	0.342	0.363	-6.1	101	0.00
45 C	1,2-Dichloropropane	0.351	0.365	-4.0#	100	0.00
46 T	Dibromomethane	0.233	0.252	-8.2	103	0.00
47 T	Bromodichloromethane	0.480	0.499	-4.0	99	0.00
48 T	Methyl methacrylate	0.415	0.388	6.5	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.008	0.0	88	0.00
50 S	Toluene-d8	1.173	1.212	-3.3	128	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.534	1.7	90	0.00
52 CM	Toluene	0.882	0.940	-6.6#	102	0.00
53 T	t-1,3-Dichloropropene	0.537	0.552	-2.8	96	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.600	-4.5	99	0.00
55 T	1,1,2-Trichloroethane	0.340	0.357	-5.0	101	0.00
56 T	Ethyl methacrylate	0.541	0.583	-7.8	95	0.00
57 T	1,3-Dichloropropane	0.589	0.616	-4.6	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.323	0.304	5.9	101	0.00
59 T	2-Hexanone	0.350	0.358	-2.3	88	0.00
60 T	Dibromochloromethane	0.354	0.390	-10.2	104	0.00
61 T	1,2-Dibromoethane	0.348	0.364	-4.6	100	0.00
62 S	4-Bromofluorobenzene	0.436	0.455	-4.4	127	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.316	0.324	-2.5	101	0.00
65 PM	Chlorobenzene	1.103	1.153	-4.5	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.374	-5.6	101	0.00
67 C	Ethyl Benzene	1.899	1.939	-2.1#	99	0.00
68 T	m/p-Xylenes	0.727	0.770	-5.9	100	0.00
69 T	o-Xylene	0.696	0.743	-6.8	101	0.00
70 T	Styrene	1.192	1.271	-6.6	100	0.00
71 P	Bromoform	0.263	0.294	-11.8	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.643	3.579	1.8	96	0.00
74 T	N-amyl acetate	1.273	1.064	16.4	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.234	1.250	-1.3	98	0.00
76 T	1,2,3-Trichloropropane	1.189	1.040	12.5	82	0.00
77 T	Bromobenzene	0.835	0.879	-5.3	103	0.00
78 T	n-propylbenzene	4.427	4.214	4.8	92	0.00
79 T	2-Chlorotoluene	2.655	2.548	4.0	94	0.00
80 T	1,3,5-Trimethylbenzene	3.007	2.930	2.6	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.516	0.460	10.9	89	0.00
82 T	4-Chlorotoluene	2.686	2.671	0.6	97	0.00
83 T	tert-Butylbenzene	2.753	2.509	8.9	88	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.000	0.5	95	0.00
85 T	sec-Butylbenzene	3.998	3.571	10.7	86	0.00
86 T	p-Isopropyltoluene	3.305	3.035	8.2	88	0.00
87 T	1,3-Dichlorobenzene	1.644	1.670	-1.6	99	0.00
88 T	1,4-Dichlorobenzene	1.676	1.718	-2.5	101	0.00
89 T	n-Butylbenzene	3.201	2.634	17.7	79	0.00
90 T	Hexachloroethane	0.560	0.544	2.9	93	0.00
91 T	1,2-Dichlorobenzene	1.579	1.620	-2.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.271	8.1	92	0.00
93 T	1,2,4-Trichlorobenzene	1.008	0.875	13.2	83	0.00
94 T	Hexachlorobutadiene	0.376	0.270	28.2#	69	0.00
95 T	Naphthalene	3.753	3.566	5.0	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.856	14.6	83	0.00

(#) = Out of Range

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