

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087351.D
 Acq On : 17 Jul 2025 17:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 18 01:30:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 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	155#	0.00
2 T	Dichlorodifluoromethane	0.531	0.541	-1.9	134	0.00
3 P	Chloromethane	0.668	0.625	6.4	140	0.00
4 C	Vinyl Chloride	0.664	0.631	5.0#	134	0.00
5 T	Bromomethane	0.344	0.349	-1.5	152#	0.00
6 T	Chloroethane	0.433	0.388	10.4	136	0.00
7 T	Trichlorofluoromethane	0.981	0.879	10.4	133	0.00
8 T	Diethyl Ether	0.381	0.373	2.1	146	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.450	10.7	133	0.01
10 T	Methyl Iodide	0.452	0.635	-40.5#	199#	0.00
11 T	Tert butyl alcohol	0.161	0.145	9.9	140	0.00
12 CM	1,1-Dichloroethene	0.571	0.492	13.8#	140	0.00
13 T	Acrolein	0.129	0.124	3.9	159#	0.00
14 T	Allyl chloride	1.033	0.907	12.2	140	0.00
15 T	Acrylonitrile	0.437	0.400	8.5	137	0.00
16 T	Acetone	0.398	0.319	19.8	128	0.00
17 T	Carbon Disulfide	1.693	1.519	10.3	135	0.00
18 T	Methyl Acetate	0.999	0.875	12.4	136	0.00
19 T	Methyl tert-butyl Ether	2.104	2.154	-2.4	154#	0.00
20 T	Methylene Chloride	0.766	0.630	17.8	145	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.575	10.7	136	0.00
22 T	Diisopropyl ether	2.167	2.080	4.0	141	0.00
23 T	Vinyl Acetate	1.895	1.924	-1.5	141	0.00
24 P	1,1-Dichloroethane	1.250	1.138	9.0	144	0.00
25 T	2-Butanone	0.615	0.556	9.6	134	0.00
26 T	2,2-Dichloropropane	0.972	0.818	15.8	129	0.00
27 T	cis-1,2-Dichloroethene	0.741	0.719	3.0	145	0.00
28 T	Bromochloromethane	0.598	0.581	2.8	151#	0.00
29 T	Tetrahydrofuran	0.399	0.361	9.5	131	0.00
30 C	Chloroform	1.251	1.164	7.0#	141	0.00
31 T	Cyclohexane	1.043	0.975	6.5	144	0.00
32 T	1,1,1-Trichloroethane	1.084	1.004	7.4	143	0.00
33 S	1,2-Dichloroethane-d4	0.848	0.834	1.7	161#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	160#	0.00
35 S	Dibromofluoromethane	0.345	0.340	1.4	164#	0.00
36 T	1,1-Dichloropropene	0.456	0.427	6.4	141	0.00
37 T	Ethyl Acetate	0.658	0.585	11.1	133	0.00
38 T	Carbon Tetrachloride	0.502	0.464	7.6	144	0.00
39 T	Methylcyclohexane	0.493	0.498	-1.0	151#	0.00
40 TM	Benzene	1.473	1.360	7.7	140	0.00
41 T	Methacrylonitrile	0.344	0.320	7.0	139	0.00
42 TM	1,2-Dichloroethane	0.558	0.498	10.8	141	0.00
43 T	Isopropyl Acetate	1.022	0.939	8.1	141	0.00
44 TM	Trichloroethene	0.348	0.319	8.3	144	0.00
45 C	1,2-Dichloropropane	0.374	0.345	7.8#	140	0.00
46 T	Dibromomethane	0.280	0.254	9.3	141	0.00
47 T	Bromodichloromethane	0.564	0.507	10.1	143	0.00
48 T	Methyl methacrylate	0.460	0.439	4.6	139	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.006	14.3	114	0.00
50 S	Toluene-d8	1.230	1.234	-0.3	162#	0.00
51 T	4-Methyl-2-Pentanone	0.646	0.576	10.8	134	0.00
52 CM	Toluene	0.895	0.841	6.0#	140	0.00
53 T	t-1,3-Dichloropropene	0.571	0.552	3.3	143	0.00
54 T	cis-1,3-Dichloropropene	0.590	0.577	2.2	146	0.00
55 T	1,1,2-Trichloroethane	0.362	0.330	8.8	144	0.00
56 T	Ethyl methacrylate	0.552	0.588	-6.5	150#	0.00
57 T	1,3-Dichloropropane	0.627	0.591	5.7	145	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.307	-3.4	143	0.00
59 T	2-Hexanone	0.429	0.410	4.4	133	0.00
60 T	Dibromochloromethane	0.413	0.390	5.6	145	0.00
61 T	1,2-Dibromoethane	0.381	0.353	7.3	147	0.00
62 S	4-Bromofluorobenzene	0.455	0.476	-4.6	168#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	154#	0.00
64 T	Tetrachloroethene	0.322	0.296	8.1	142	0.00
65 PM	Chlorobenzene	1.123	1.045	6.9	144	0.00
66 T	1,1,1,2-Tetrachloroethane	0.382	0.368	3.7	145	0.00
67 C	Ethyl Benzene	1.848	1.800	2.6#	143	0.00
68 T	m/p-Xylenes	0.692	0.690	0.3	140	0.00
69 T	o-Xylene	0.661	0.677	-2.4	144	0.00
70 T	Styrene	1.112	1.134	-2.0	139	0.00
71 P	Bromoform	0.308	0.297	3.6	139	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	147	0.00
73 T	Isopropylbenzene	3.147	3.384	-7.5	146	0.00
74 T	N-amyl acetate	1.307	1.318	-0.8	170#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.184	1.115	5.8	135	0.00
76 T	1,2,3-Trichloropropane	1.121	1.099	2.0	135	0.00
77 T	Bromobenzene	0.816	0.835	-2.3	141	0.00
78 T	n-propylbenzene	3.959	4.043	-2.1	138	0.00
79 T	2-Chlorotoluene	2.433	2.488	-2.3	144	0.00
80 T	1,3,5-Trimethylbenzene	2.681	2.869	-7.0	144	0.00
81 T	trans-1,4-Dichloro-2-butene	0.410	0.413	-0.7	150#	0.00
82 T	4-Chlorotoluene	2.533	2.516	0.7	139	0.00
83 T	tert-Butylbenzene	2.239	2.443	-9.1	148	0.00
84 T	1,2,4-Trimethylbenzene	2.738	2.877	-5.1	140	0.00
85 T	sec-Butylbenzene	3.373	3.488	-3.4	143	0.00
86 T	p-Isopropyltoluene	2.703	2.973	-10.0	146	0.00
87 T	1,3-Dichlorobenzene	1.602	1.552	3.1	137	0.00
88 T	1,4-Dichlorobenzene	1.711	1.584	7.4	136	0.00
89 T	n-Butylbenzene	2.581	2.677	-3.7	142	0.00
90 T	Hexachloroethane	0.573	0.567	1.0	144	0.00
91 T	1,2-Dichlorobenzene	1.517	1.516	0.1	141	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.269	13.5	130	0.00
93 T	1,2,4-Trichlorobenzene	0.891	0.913	-2.5	143	0.00
94 T	Hexachlorobutadiene	0.331	0.352	-6.3	157#	0.00
95 T	Naphthalene	3.158	3.472	-9.9	148	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.894	0.915	-2.3	146	0.00

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