

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086913.D
 Acq On : 10 Jun 2025 09:13
 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 11 01:47:05 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	115	0.00
2 T	Dichlorodifluoromethane	0.499	0.502	-0.6	116	0.00
3 P	Chloromethane	0.644	0.552	14.3	107	0.00
4 C	Vinyl Chloride	0.664	0.653	1.7#	118	0.00
5 T	Bromomethane	0.372	0.358	3.8	116	0.00
6 T	Chloroethane	0.429	0.421	1.9	119	0.00
7 T	Trichlorofluoromethane	0.868	0.848	2.3	118	0.00
8 T	Diethyl Ether	0.378	0.379	-0.3	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.530	2.8	118	0.00
10 T	Methyl Iodide	0.707	0.597	15.6	101	0.00
11 T	Tert butyl alcohol	0.182	0.148	18.7	97	-0.01
12 CM	1,1-Dichloroethene	0.557	0.548	1.6#	119	0.01
13 T	Acrolein	0.057	0.053	7.0	134	0.00
14 T	Allyl chloride	0.923	0.823	10.8	110	0.00
15 T	Acrylonitrile	0.425	0.390	8.2	111	0.00
16 T	Acetone	0.355	0.348	2.0	125	0.00
17 T	Carbon Disulfide	1.539	1.428	7.2	116	0.00
18 T	Methyl Acetate	1.035	0.941	9.1	110	0.00
19 T	Methyl tert-butyl Ether	2.015	1.999	0.8	119	0.00
20 T	Methylene Chloride	0.665	0.617	7.2	118	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.587	5.2	119	0.00
22 T	Diisopropyl ether	1.945	1.836	5.6	114	0.00
23 T	Vinyl Acetate	1.644	1.558	5.2	113	0.00
24 P	1,1-Dichloroethane	1.120	1.079	3.7	117	0.00
25 T	2-Butanone	0.577	0.493	14.6	103	0.00
26 T	2,2-Dichloropropane	0.871	0.943	-8.3	120	0.00
27 T	cis-1,2-Dichloroethene	0.740	0.721	2.6	119	0.00
28 T	Bromochloromethane	0.550	0.473	14.0	117	0.00
29 T	Tetrahydrofuran	0.376	0.325	13.6	105	0.00
30 C	Chloroform	1.118	1.053	5.8#	115	0.00
31 T	Cyclohexane	1.086	0.907	16.5	104	0.00
32 T	1,1,1-Trichloroethane	0.951	0.894	6.0	115	0.00
33 S	1,2-Dichloroethane-d4	0.669	0.613	8.4	142	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.296	0.301	-1.7	153#	0.00
36 T	1,1-Dichloropropene	0.442	0.437	1.1	116	0.00
37 T	Ethyl Acetate	0.562	0.522	7.1	109	0.00
38 T	Carbon Tetrachloride	0.433	0.429	0.9	117	0.00
39 T	Methylcyclohexane	0.605	0.523	13.6	102	0.00
40 TM	Benzene	1.444	1.400	3.0	116	0.00
41 T	Methacrylonitrile	0.316	0.286	9.5	105	0.00
42 TM	1,2-Dichloroethane	0.438	0.426	2.7	116	0.00
43 T	Isopropyl Acetate	0.902	0.830	8.0	109	0.00
44 TM	Trichloroethene	0.342	0.345	-0.9	118	0.00
45 C	1,2-Dichloropropane	0.351	0.344	2.0#	116	0.00
46 T	Dibromomethane	0.233	0.237	-1.7	119	0.00
47 T	Bromodichloromethane	0.480	0.479	0.2	117	0.00
48 T	Methyl methacrylate	0.415	0.379	8.7	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	96	0.00
50 S	Toluene-d8	1.173	1.153	1.7	149	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.513	5.5	106	0.00
52 CM	Toluene	0.882	0.871	1.2#	116	0.00
53 T	t-1,3-Dichloropropene	0.537	0.556	-3.5	119	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.592	-3.1	120	0.00
55 T	1,1,2-Trichloroethane	0.340	0.338	0.6	117	0.00
56 T	Ethyl methacrylate	0.541	0.589	-8.9	118	0.00
57 T	1,3-Dichloropropane	0.589	0.580	1.5	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.323	0.315	2.5	128	0.00
59 T	2-Hexanone	0.350	0.339	3.1	103	0.00
60 T	Dibromochloromethane	0.354	0.363	-2.5	119	0.00
61 T	1,2-Dibromoethane	0.348	0.350	-0.6	119	0.00
62 S	4-Bromofluorobenzene	0.436	0.420	3.7	144	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.316	0.308	2.5	114	0.00
65 PM	Chlorobenzene	1.103	1.117	-1.3	119	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.367	-3.7	118	0.00
67 C	Ethyl Benzene	1.899	1.844	2.9#	112	0.00
68 T	m/p-Xylenes	0.727	0.727	0.0	113	0.00
69 T	o-Xylene	0.696	0.714	-2.6	115	0.00
70 T	Styrene	1.192	1.232	-3.4	115	0.00
71 P	Bromoform	0.263	0.287	-9.1	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.643	3.636	0.2	108	0.00
74 T	N-amyl acetate	1.273	1.354	-6.4	109	0.00
75 P	1,1,2,2-Tetrachloroethane	1.234	1.268	-2.8	110	0.00
76 T	1,2,3-Trichloropropane	1.189	1.069	10.1	93	0.00
77 T	Bromobenzene	0.835	0.903	-8.1	117	0.00
78 T	n-propylbenzene	4.427	4.305	2.8	104	0.00
79 T	2-Chlorotoluene	2.655	2.594	2.3	106	0.00
80 T	1,3,5-Trimethylbenzene	3.007	2.957	1.7	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.516	0.537	-4.1	115	0.00
82 T	4-Chlorotoluene	2.686	2.709	-0.9	109	0.00
83 T	tert-Butylbenzene	2.753	2.579	6.3	101	0.00
84 T	1,2,4-Trimethylbenzene	3.016	2.981	1.2	104	0.00
85 T	sec-Butylbenzene	3.998	3.683	7.9	98	0.00
86 T	p-Isopropyltoluene	3.305	3.131	5.3	100	0.00
87 T	1,3-Dichlorobenzene	1.644	1.678	-2.1	110	0.00
88 T	1,4-Dichlorobenzene	1.676	1.702	-1.6	110	0.00
89 T	n-Butylbenzene	3.201	2.841	11.2	95	0.00
90 T	Hexachloroethane	0.560	0.538	3.9	102	0.00
91 T	1,2-Dichlorobenzene	1.579	1.605	-1.6	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.277	6.1	104	0.00
93 T	1,2,4-Trichlorobenzene	1.008	0.918	8.9	97	0.00
94 T	Hexachlorobutadiene	0.376	0.284	24.5	80	0.00
95 T	Naphthalene	3.753	3.656	2.6	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.859	14.3	92	0.00

(#) = Out of Range

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