

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086748.D
 Acq On : 21 May 2025 21:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 01:34:33 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	122	0.00
2 T	Dichlorodifluoromethane	0.540	0.518	4.1	105	0.00
3 P	Chloromethane	0.817	0.637	22.0	99	0.00
4 C	Vinyl Chloride	0.733	0.624	14.9#	101	0.00
5 T	Bromomethane	0.423	0.348	17.7	105	0.00
6 T	Chloroethane	0.480	0.405	15.6	106	0.00
7 T	Trichlorofluoromethane	0.877	0.823	6.2	114	0.00
8 T	Diethyl Ether	0.362	0.347	4.1	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.525	0.504	4.0	116	0.00
10 T	Methyl Iodide	0.653	0.604	7.5	113	0.00
11 T	Tert butyl alcohol	0.126	0.107	15.1	107	0.00
12 CM	1,1-Dichloroethene	0.558	0.521	6.6#	116	0.00
13 T	Acrolein	0.135	0.115	14.8	105	0.00
14 T	Allyl chloride	0.844	0.703	16.7	104	0.00
15 T	Acrylonitrile	0.312	0.270	13.5	105	0.00
16 T	Acetone	0.258	0.201	22.1	101	0.00
17 T	Carbon Disulfide	1.544	1.333	13.7	105	0.00
18 T	Methyl Acetate	0.723	0.648	10.4	119	0.00
19 T	Methyl tert-butyl Ether	1.899	1.797	5.4	114	0.00
20 T	Methylene Chloride	0.682	0.590	13.5	114	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.540	8.5	114	0.00
22 T	Diisopropyl ether	1.904	1.662	12.7	105	0.00
23 T	Vinyl Acetate	1.431	1.172	18.1	98	0.00
24 P	1,1-Dichloroethane	1.118	0.985	11.9	109	0.00
25 T	2-Butanone	0.399	0.330	17.3	100	0.00
26 T	2,2-Dichloropropane	0.923	0.762	17.4	104	0.00
27 T	cis-1,2-Dichloroethene	0.724	0.672	7.2	115	0.00
28 T	Bromochloromethane	0.508	0.440	13.4	106	0.00
29 T	Tetrahydrofuran	0.261	0.216	17.2	99	0.00
30 C	Chloroform	1.119	1.005	10.2#	112	0.00
31 T	Cyclohexane	1.037	0.846	18.4	105	0.00
32 T	1,1,1-Trichloroethane	0.944	0.876	7.2	113	0.00
33 S	1,2-Dichloroethane-d4	0.691	0.614	11.1	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
35 S	Dibromofluoromethane	0.298	0.293	1.7	117	0.00
36 T	1,1-Dichloropropene	0.439	0.408	7.1	112	0.00
37 T	Ethyl Acetate	0.444	0.365	17.8	100	0.00
38 T	Carbon Tetrachloride	0.433	0.419	3.2	116	0.00
39 T	Methylcyclohexane	0.475	0.450	5.3	111	0.00
40 TM	Benzene	1.433	1.321	7.8	112	0.00
41 T	Methacrylonitrile	0.240	0.204	15.0	101	0.00
42 TM	1,2-Dichloroethane	0.446	0.391	12.3	106	0.00
43 T	Isopropyl Acetate	0.889	0.654	26.4#	101	0.00
44 TM	Trichloroethene	0.346	0.346	0.0	120	0.00
45 C	1,2-Dichloropropane	0.340	0.315	7.4#	112	0.00
46 T	Dibromomethane	0.230	0.214	7.0	112	0.00
47 T	Bromodichloromethane	0.473	0.443	6.3	112	0.00
48 T	Methyl methacrylate	0.345	0.300	13.0	102	0.00

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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)
49 T	1,4-Dioxane	0.007	0.007	0.0	107	0.00
50 S	Toluene-d8	1.234	1.214	1.6	115	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.377	16.0	100	0.00
52 CM	Toluene	0.891	0.839	5.8#	113	0.00
53 T	t-1,3-Dichloropropene	0.501	0.474	5.4	110	0.00
54 T	cis-1,3-Dichloropropene	0.547	0.520	4.9	113	0.00
55 T	1,1,2-Trichloroethane	0.332	0.309	6.9	115	0.00
56 T	Ethyl methacrylate	0.533	0.520	2.4	111	0.00
57 T	1,3-Dichloropropane	0.572	0.531	7.2	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.238	0.236	0.8	108	0.00
59 T	2-Hexanone	0.328	0.275	16.2	98	0.00
60 T	Dibromochloromethane	0.348	0.354	-1.7	121	0.00
61 T	1,2-Dibromoethane	0.334	0.314	6.0	112	0.00
62 S	4-Bromofluorobenzene	0.436	0.426	2.3	113	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
64 T	Tetrachloroethene	0.383	0.403	-5.2	125	0.00
65 PM	Chlorobenzene	1.096	1.061	3.2	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.357	-0.8	117	0.00
67 C	Ethyl Benzene	1.878	1.799	4.2#	110	0.00
68 T	m/p-Xylenes	0.711	0.708	0.4	113	0.00
69 T	o-Xylene	0.707	0.694	1.8	110	0.00
70 T	Styrene	1.158	1.155	0.3	110	0.00
71 P	Bromoform	0.252	0.260	-3.2	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.862	3.589	7.1	112	0.00
74 T	N-amyl acetate	1.613	1.327	17.7	97	0.00
75 P	1,1,2,2-Tetrachloroethane	1.186	0.980	17.4	103	0.00
76 T	1,2,3-Trichloropropane	1.131	1.081	4.4	115	0.00
77 T	Bromobenzene	0.971	0.903	7.0	114	0.00
78 T	n-propylbenzene	4.432	4.051	8.6	107	0.00
79 T	2-Chlorotoluene	2.882	2.563	11.1	106	0.00
80 T	1,3,5-Trimethylbenzene	3.094	2.915	5.8	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.448	0.423	5.6	104	0.00
82 T	4-Chlorotoluene	2.855	2.545	10.9	106	0.00
83 T	tert-Butylbenzene	2.698	2.531	6.2	112	0.00
84 T	1,2,4-Trimethylbenzene	3.081	2.971	3.6	110	0.00
85 T	sec-Butylbenzene	3.618	3.424	5.4	109	0.00
86 T	p-Isopropyltoluene	2.965	2.921	1.5	111	0.00
87 T	1,3-Dichlorobenzene	1.682	1.613	4.1	111	0.00
88 T	1,4-Dichlorobenzene	1.667	1.641	1.6	114	0.00
89 T	n-Butylbenzene	2.458	2.377	3.3	107	0.00
90 T	Hexachloroethane	0.492	0.474	3.7	110	0.00
91 T	1,2-Dichlorobenzene	1.600	1.575	1.6	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.197	0.196	0.5	108	0.00
93 T	1,2,4-Trichlorobenzene	0.675	0.771	-14.2	124	0.00
94 T	Hexachlorobutadiene	0.280	0.297	-6.1	125	0.00
95 T	Naphthalene	2.345	2.871	-22.4	131	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.661	0.742	-12.3	125	0.00

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