

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088487.D
 Acq On : 10 Dec 2025 10:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 02:02:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 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	0.751	0.671	10.7	89	0.00
3 P	Chloromethane	0.807	0.806	0.1	99	0.00
4 C	Vinyl Chloride	0.821	0.760	7.4#	92	0.00
5 T	Bromomethane	0.395	0.397	-0.5	98	0.00
6 T	Chloroethane	0.508	0.532	-4.7	104	0.00
7 T	Trichlorofluoromethane	1.153	1.124	2.5	101	0.00
8 T	Diethyl Ether	0.433	0.502	-15.9	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.568	7.5	99	0.00
10 T	Methyl Iodide	0.608	0.553	9.0	82	0.00
11 T	Tert butyl alcohol	0.150	0.132	12.0	81	0.00
12 CM	1,1-Dichloroethene	0.610	0.595	2.5#	103	0.00
13 T	Acrolein	0.144	0.130	9.7	85	0.00
14 T	Allyl chloride	1.131	1.196	-5.7	102	0.00
15 T	Acrylonitrile	0.434	0.490	-12.9	103	0.00
16 T	Acetone	0.341	0.358	-5.0	105	0.00
17 T	Carbon Disulfide	1.993	1.858	6.8	92	0.00
18 T	Methyl Acetate	1.014	1.196	-17.9	112	0.00
19 T	Methyl tert-butyl Ether	2.285	2.769	-21.2	109	0.00
20 T	Methylene Chloride	0.729	0.802	-10.0	104	0.00
21 T	trans-1,2-Dichloroethene	0.676	0.711	-5.2	102	0.00
22 T	Diisopropyl ether	2.414	2.990	-23.9	114	0.00
23 T	Vinyl Acetate	1.945	2.658	-36.7#	122	0.00
24 P	1,1-Dichloroethane	1.367	1.557	-13.9	107	0.00
25 T	2-Butanone	0.548	0.603	-10.0	99	0.00
26 T	2,2-Dichloropropane	1.180	1.306	-10.7	107	0.00
27 T	cis-1,2-Dichloroethene	0.785	0.887	-13.0	105	0.00
28 T	Bromochloromethane	0.681	0.807	-18.5	108	0.00
29 T	Tetrahydrofuran	0.393	0.458	-16.5	105	0.00
30 C	Chloroform	1.343	1.612	-20.0#	114	0.00
31 T	Cyclohexane	1.239	1.127	9.0	98	0.00
32 T	1,1,1-Trichloroethane	1.181	1.263	-6.9	107	0.00
33 S	1,2-Dichloroethane-d4	0.942	1.212	-28.7#	119	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.346	0.417	-20.5	116	-0.01
36 T	1,1-Dichloropropene	0.535	0.518	3.2	103	0.00
37 T	Ethyl Acetate	0.703	0.756	-7.5	102	0.00
38 T	Carbon Tetrachloride	0.532	0.552	-3.8	108	0.00
39 T	Methylcyclohexane	0.572	0.476	16.8	88	0.00
40 TM	Benzene	1.570	1.702	-8.4	106	0.00
41 T	Methacrylonitrile	0.348	0.388	-11.5	106	0.00
42 TM	1,2-Dichloroethane	0.599	0.732	-22.2	116	0.00
43 T	Isopropyl Acetate	1.074	1.194	-11.2	104	0.00
44 TM	Trichloroethene	0.371	0.360	3.0	98	0.00
45 C	1,2-Dichloropropane	0.402	0.455	-13.2#	109	0.00
46 T	Dibromomethane	0.287	0.331	-15.3	110	0.00
47 T	Bromodichloromethane	0.586	0.678	-15.7	112	0.00
48 T	Methyl methacrylate	0.490	0.582	-18.8	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.005	16.7	81	0.00
50 S	Toluene-d8	1.289	1.476	-14.5	112	0.00
51 T	4-Methyl-2-Pentanone	0.633	0.753	-19.0	109	0.00
52 CM	Toluene	0.906	1.050	-15.9#	112	0.00
53 T	t-1,3-Dichloropropene	0.601	0.702	-16.8	108	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.750	-18.7	110	0.00
55 T	1,1,2-Trichloroethane	0.351	0.415	-18.2	115	0.00
56 T	Ethyl methacrylate	0.554	0.693	-25.1#	110	0.00
57 T	1,3-Dichloropropane	0.633	0.746	-17.9	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.319	0.402	-26.0#	108	0.00
59 T	2-Hexanone	0.399	0.481	-20.6	108	0.00
60 T	Dibromochloromethane	0.400	0.480	-20.0	114	0.00
61 T	1,2-Dibromoethane	0.355	0.407	-14.6	107	0.00
62 S	4-Bromofluorobenzene	0.442	0.539	-21.9	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.396	0.324	18.2	88	0.00
65 PM	Chlorobenzene	1.123	1.188	-5.8	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.424	-11.9	113	0.00
67 C	Ethyl Benzene	1.963	2.083	-6.1#	110	0.00
68 T	m/p-Xylenes	0.728	0.787	-8.1	110	0.00
69 T	o-Xylene	0.694	0.754	-8.6	111	0.00
70 T	Styrene	1.127	1.317	-16.9	113	0.00
71 P	Bromoform	0.277	0.317	-14.4	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.697	3.784	-2.4	108	0.00
74 T	N-amyl acetate	1.259	1.453	-15.4	144	0.00
75 P	1,1,2,2-Tetrachloroethane	1.195	1.346	-12.6	123	0.00
76 T	1,2,3-Trichloropropane	1.171	1.268	-8.3	109	0.00
77 T	Bromobenzene	0.846	0.914	-8.0	109	0.00
78 T	n-propylbenzene	4.523	4.675	-3.4	109	0.00
79 T	2-Chlorotoluene	2.762	2.939	-6.4	113	0.00
80 T	1,3,5-Trimethylbenzene	3.063	3.209	-4.8	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.413	0.466	-12.8	112	0.00
82 T	4-Chlorotoluene	2.743	3.108	-13.3	113	0.00
83 T	tert-Butylbenzene	2.604	2.574	1.2	106	0.00
84 T	1,2,4-Trimethylbenzene	3.045	3.352	-10.1	111	0.00
85 T	sec-Butylbenzene	3.741	3.597	3.8	103	0.00
86 T	p-Isopropyltoluene	3.068	3.040	0.9	103	0.00
87 T	1,3-Dichlorobenzene	1.647	1.748	-6.1	112	0.00
88 T	1,4-Dichlorobenzene	1.725	1.771	-2.7	109	0.00
89 T	n-Butylbenzene	2.979	2.790	6.3	100	0.00
90 T	Hexachloroethane	0.560	0.561	-0.2	108	0.00
91 T	1,2-Dichlorobenzene	1.550	1.645	-6.1	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.290	0.308	-6.2	110	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.882	4.2	102	0.00
94 T	Hexachlorobutadiene	0.331	0.266	19.6	93	0.00
95 T	Naphthalene	3.190	3.199	-0.3	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.896	0.862	3.8	102	0.00

(#) = Out of Range

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