

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088370.D
 Acq On : 01 Dec 2025 09:58
 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 02 00:07:59 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	103	0.00
2 T	Dichlorodifluoromethane	0.751	0.815	-8.5	114	0.00
3 P	Chloromethane	0.807	0.858	-6.3	110	0.00
4 C	Vinyl Chloride	0.821	0.851	-3.7#	108	0.00
5 T	Bromomethane	0.395	0.408	-3.3	106	0.00
6 T	Chloroethane	0.508	0.525	-3.3	107	0.00
7 T	Trichlorofluoromethane	1.153	1.195	-3.6	113	0.00
8 T	Diethyl Ether	0.433	0.465	-7.4	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.636	-3.6	116	0.00
10 T	Methyl Iodide	0.608	0.682	-12.2	106	-0.01
11 T	Tert butyl alcohol	0.150	0.157	-4.7	100	0.00
12 CM	1,1-Dichloroethene	0.610	0.607	0.5#	110	0.00
13 T	Acrolein	0.144	0.222	-54.2#	152#	0.00
14 T	Allyl chloride	1.131	1.166	-3.1	105	0.00
15 T	Acrylonitrile	0.434	0.481	-10.8	106	0.00
16 T	Acetone	0.341	0.269	21.1	83	0.00
17 T	Carbon Disulfide	1.993	2.083	-4.5	108	0.00
18 T	Methyl Acetate	1.014	1.108	-9.3	109	0.00
19 T	Methyl tert-butyl Ether	2.285	2.626	-14.9	108	0.00
20 T	Methylene Chloride	0.729	0.791	-8.5	108	0.00
21 T	trans-1,2-Dichloroethene	0.676	0.724	-7.1	109	0.00
22 T	Diisopropyl ether	2.414	2.685	-11.2	107	0.00
23 T	Vinyl Acetate	1.945	2.235	-14.9	108	0.00
24 P	1,1-Dichloroethane	1.367	1.456	-6.5	105	0.00
25 T	2-Butanone	0.548	0.541	1.3	94	0.00
26 T	2,2-Dichloropropane	1.180	1.240	-5.1	106	0.00
27 T	cis-1,2-Dichloroethene	0.785	0.861	-9.7	107	0.00
28 T	Bromochloromethane	0.681	0.672	1.3	94	0.00
29 T	Tetrahydrofuran	0.393	0.442	-12.5	106	0.00
30 C	Chloroform	1.343	1.443	-7.4#	107	0.00
31 T	Cyclohexane	1.239	1.285	-3.7	117	0.00
32 T	1,1,1-Trichloroethane	1.181	1.220	-3.3	109	0.00
33 S	1,2-Dichloroethane-d4	0.942	0.958	-1.7	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.346	0.377	-9.0	103	0.00
36 T	1,1-Dichloropropene	0.535	0.562	-5.0	109	0.00
37 T	Ethyl Acetate	0.703	0.767	-9.1	101	0.00
38 T	Carbon Tetrachloride	0.532	0.584	-9.8	111	0.00
39 T	Methylcyclohexane	0.572	0.664	-16.1	120	0.00
40 TM	Benzene	1.570	1.738	-10.7	106	0.00
41 T	Methacrylonitrile	0.348	0.390	-12.1	104	0.00
42 TM	1,2-Dichloroethane	0.599	0.676	-12.9	105	0.00
43 T	Isopropyl Acetate	1.074	1.237	-15.2	105	0.00
44 TM	Trichloroethene	0.371	0.415	-11.9	110	0.00
45 C	1,2-Dichloropropane	0.402	0.453	-12.7#	106	0.00
46 T	Dibromomethane	0.287	0.333	-16.0	108	0.00
47 T	Bromodichloromethane	0.586	0.670	-14.3	108	0.00
48 T	Methyl methacrylate	0.490	0.573	-16.9	106	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	0.006	0.007	-16.7	96	0.00
50 S	Toluene-d8	1.289	1.356	-5.2	100	0.00
51 T	4-Methyl-2-Pentanone	0.633	0.747	-18.0	106	0.00
52 CM	Toluene	0.906	1.034	-14.1#	108	0.00
53 T	t-1,3-Dichloropropene	0.601	0.701	-16.6	106	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.748	-18.4	108	0.00
55 T	1,1,2-Trichloroethane	0.351	0.400	-14.0	108	0.00
56 T	Ethyl methacrylate	0.554	0.693	-25.1#	107	0.00
57 T	1,3-Dichloropropane	0.633	0.740	-16.9	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.319	0.413	-29.5#	108	0.00
59 T	2-Hexanone	0.399	0.458	-14.8	100	0.00
60 T	Dibromochloromethane	0.400	0.464	-16.0	108	0.00
61 T	1,2-Dibromoethane	0.355	0.413	-16.3	106	0.00
62 S	4-Bromofluorobenzene	0.442	0.472	-6.8	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.396	0.425	-7.3	108	0.00
65 PM	Chlorobenzene	1.123	1.242	-10.6	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.433	-14.2	108	0.00
67 C	Ethyl Benzene	1.963	2.187	-11.4#	108	0.00
68 T	m/p-Xylenes	0.728	0.816	-12.1	107	0.00
69 T	o-Xylene	0.694	0.778	-12.1	107	0.00
70 T	Styrene	1.127	1.336	-18.5	107	0.00
71 P	Bromoform	0.277	0.337	-21.7	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.697	4.179	-13.0	109	0.00
74 T	N-amyl acetate	1.259	1.250	0.7	113	0.00
75 P	1,1,2,2-Tetrachloroethane	1.195	1.313	-9.9	110	0.00
76 T	1,2,3-Trichloropropane	1.171	1.311	-12.0	103	0.00
77 T	Bromobenzene	0.846	0.967	-14.3	106	0.00
78 T	n-propylbenzene	4.523	5.105	-12.9	109	0.00
79 T	2-Chlorotoluene	2.762	3.045	-10.2	107	0.00
80 T	1,3,5-Trimethylbenzene	3.063	3.506	-14.5	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.413	0.492	-19.1	108	0.00
82 T	4-Chlorotoluene	2.743	3.208	-17.0	106	0.00
83 T	tert-Butylbenzene	2.604	2.902	-11.4	109	0.00
84 T	1,2,4-Trimethylbenzene	3.045	3.569	-17.2	109	0.00
85 T	sec-Butylbenzene	3.741	4.257	-13.8	112	0.00
86 T	p-Isopropyltoluene	3.068	3.530	-15.1	110	0.00
87 T	1,3-Dichlorobenzene	1.647	1.852	-12.4	109	0.00
88 T	1,4-Dichlorobenzene	1.725	1.901	-10.2	107	0.00
89 T	n-Butylbenzene	2.979	3.361	-12.8	111	0.00
90 T	Hexachloroethane	0.560	0.632	-12.9	112	0.00
91 T	1,2-Dichlorobenzene	1.550	1.757	-13.4	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.290	0.317	-9.3	104	0.00
93 T	1,2,4-Trichlorobenzene	0.921	1.042	-13.1	111	0.00
94 T	Hexachlorobutadiene	0.331	0.354	-6.9	113	0.00
95 T	Naphthalene	3.190	3.709	-16.3	107	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.896	0.989	-10.4	107	0.00

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