

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088085.D
 Acq On : 23 Oct 2025 14:54
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102325

Quant Time: Oct 24 03:19:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 03:16:47 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	0.564	0.551	2.3	118	0.00
3 P	Chloromethane	0.664	0.664	0.0	125	0.00
4 C	Vinyl Chloride	0.723	0.718	0.7#	121	0.00
5 T	Bromomethane	0.432	0.449	-3.9	128	0.00
6 T	Chloroethane	0.521	0.529	-1.5	125	0.00
7 T	Trichlorofluoromethane	1.153	1.186	-2.9	121	0.00
8 T	Diethyl Ether	0.429	0.460	-7.2	140	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.650	-9.2	133	0.00
10 T	Methyl Iodide	0.544	0.573	-5.3	123	0.00
11 T	Tert butyl alcohol	0.149	0.135	9.4	114	0.00
12 CM	1,1-Dichloroethene	0.628	0.650	-3.5#	137	0.00
13 T	Acrolein	0.168	0.191	-13.7	150#	0.00
14 T	Allyl chloride	1.102	1.027	6.8	123	0.00
15 T	Acrylonitrile	0.406	0.396	2.5	119	0.00
16 T	Acetone	0.434	0.430	0.9	131	0.00
17 T	Carbon Disulfide	1.910	1.811	5.2	119	0.00
18 T	Methyl Acetate	0.889	0.844	5.1	120	0.00
19 T	Methyl tert-butyl Ether	2.308	2.287	0.9	125	0.00
20 T	Methylene Chloride	0.729	0.688	5.6	124	0.00
21 T	trans-1,2-Dichloroethene	0.690	0.661	4.2	120	0.00
22 T	Diisopropyl ether	2.317	2.395	-3.4	124	0.00
23 T	Vinyl Acetate	2.087	2.182	-4.6	123	0.00
24 P	1,1-Dichloroethane	1.283	1.282	0.1	122	0.00
25 T	2-Butanone	0.572	0.564	1.4	118	0.00
26 T	2,2-Dichloropropane	1.166	1.167	-0.1	124	0.00
27 T	cis-1,2-Dichloroethene	0.794	0.785	1.1	122	0.00
28 T	Bromochloromethane	0.606	0.613	-1.2	102	0.00
29 T	Tetrahydrofuran	0.373	0.366	1.9	121	0.00
30 C	Chloroform	1.282	1.285	-0.2#	120	0.00
31 T	Cyclohexane	1.210	1.198	1.0	121	0.00
32 T	1,1,1-Trichloroethane	1.142	1.137	0.4	122	0.00
33 S	1,2-Dichloroethane-d4	0.865	0.808	6.6	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.336	0.308	8.3	98	0.00
36 T	1,1-Dichloropropene	0.490	0.484	1.2	120	0.00
37 T	Ethyl Acetate	0.633	0.585	7.6	119	0.00
38 T	Carbon Tetrachloride	0.507	0.509	-0.4	122	0.00
39 T	Methylcyclohexane	0.630	0.629	0.2	120	0.00
40 TM	Benzene	1.494	1.482	0.8	122	0.00
41 T	Methacrylonitrile	0.333	0.320	3.9	119	0.00
42 TM	1,2-Dichloroethane	0.531	0.529	0.4	122	0.00
43 T	Isopropyl Acetate	0.973	0.981	-0.8	121	0.00
44 TM	Trichloroethene	0.349	0.343	1.7	121	0.00
45 C	1,2-Dichloropropane	0.377	0.371	1.6#	121	0.00
46 T	Dibromomethane	0.269	0.269	0.0	124	0.00
47 T	Bromodichloromethane	0.538	0.543	-0.9	124	0.00
48 T	Methyl methacrylate	0.449	0.453	-0.9	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.005	16.7	123	0.00
50 S	Toluene-d8	1.294	1.213	6.3	99	0.00
51 T	4-Methyl-2-Pentanone	0.575	0.583	-1.4	120	0.00
52 CM	Toluene	0.921	0.928	-0.8#	123	0.00
53 T	t-1,3-Dichloropropene	0.573	0.601	-4.9	126	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.629	-3.5	126	0.00
55 T	1,1,2-Trichloroethane	0.349	0.338	3.2	120	0.00
56 T	Ethyl methacrylate	0.553	0.599	-8.3	126	0.00
57 T	1,3-Dichloropropane	0.614	0.625	-1.8	124	0.00
58 T	2-Chloroethyl Vinyl ether	0.288	0.309	-7.3	126	0.00
59 T	2-Hexanone	0.382	0.408	-6.8	123	0.00
60 T	Dibromochloromethane	0.397	0.403	-1.5	124	0.00
61 T	1,2-Dibromoethane	0.360	0.359	0.3	125	0.00
62 S	4-Bromofluorobenzene	0.457	0.430	5.9	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.330	0.318	3.6	122	0.00
65 PM	Chlorobenzene	1.135	1.153	-1.6	121	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.380	-2.2	121	0.00
67 C	Ethyl Benzene	1.993	2.041	-2.4#	122	0.00
68 T	m/p-Xylenes	0.747	0.777	-4.0	121	0.00
69 T	o-Xylene	0.708	0.749	-5.8	123	0.00
70 T	Styrene	1.154	1.250	-8.3	122	0.00
71 P	Bromoform	0.278	0.286	-2.9	121	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.856	3.979	-3.2	123	0.00
74 T	N-amyl acetate	1.095	1.025	6.4	109	0.00
75 P	1,1,2,2-Tetrachloroethane	1.201	1.191	0.8	122	0.00
76 T	1,2,3-Trichloropropane	1.143	1.138	0.4	120	0.00
77 T	Bromobenzene	0.832	0.874	-5.0	124	0.00
78 T	n-propylbenzene	4.706	4.881	-3.7	122	0.00
79 T	2-Chlorotoluene	2.684	2.816	-4.9	123	0.00
80 T	1,3,5-Trimethylbenzene	3.203	3.321	-3.7	122	0.00
81 T	trans-1,4-Dichloro-2-butene	0.410	0.419	-2.2	129	0.00
82 T	4-Chlorotoluene	2.904	2.932	-1.0	122	0.00
83 T	tert-Butylbenzene	2.861	2.932	-2.5	122	0.00
84 T	1,2,4-Trimethylbenzene	3.204	3.353	-4.7	121	0.00
85 T	sec-Butylbenzene	4.203	4.318	-2.7	121	0.00
86 T	p-Isopropyltoluene	3.372	3.607	-7.0	123	0.00
87 T	1,3-Dichlorobenzene	1.660	1.705	-2.7	121	0.00
88 T	1,4-Dichlorobenzene	1.783	1.747	2.0	122	0.00
89 T	n-Butylbenzene	3.340	3.454	-3.4	119	0.00
90 T	Hexachloroethane	0.653	0.659	-0.9	120	0.00
91 T	1,2-Dichlorobenzene	1.600	1.625	-1.6	123	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.262	6.1	120	0.00
93 T	1,2,4-Trichlorobenzene	0.969	0.964	0.5	120	0.00
94 T	Hexachlorobutadiene	0.361	0.350	3.0	117	0.00
95 T	Naphthalene	3.320	3.337	-0.5	119	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.908	2.3	121	0.00

(#) = Out of Range

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