

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088220.D
 Acq On : 06 Nov 2025 20:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 02:27:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 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	92	0.00
2 T	Dichlorodifluoromethane	0.564	0.503	10.8	101	0.00
3 P	Chloromethane	0.664	0.614	7.5	109	0.00
4 C	Vinyl Chloride	0.723	0.661	8.6#	105	0.00
5 T	Bromomethane	0.432	0.377	12.7	102	0.00
6 T	Chloroethane	0.521	0.441	15.4	98	0.00
7 T	Trichlorofluoromethane	1.153	1.001	13.2	96	0.00
8 T	Diethyl Ether	0.429	0.425	0.9	122	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.515	13.4	100	0.00
10 T	Methyl Iodide	0.544	0.580	-6.6	117	0.00
11 T	Tert butyl alcohol	0.149	0.156	-4.7	124	0.00
12 CM	1,1-Dichloroethene	0.628	0.530	15.6#	106	0.00
13 T	Acrolein	0.168	0.117	30.4#	87	0.00
14 T	Allyl chloride	1.102	1.056	4.2	120	0.00
15 T	Acrylonitrile	0.406	0.433	-6.7	123	0.00
16 T	Acetone	0.434	0.411	5.3	118	0.00
17 T	Carbon Disulfide	1.910	1.627	14.8	101	0.00
18 T	Methyl Acetate	0.889	0.996	-12.0	133	0.00
19 T	Methyl tert-butyl Ether	2.308	2.471	-7.1	127	0.00
20 T	Methylene Chloride	0.729	0.697	4.4	119	0.00
21 T	trans-1,2-Dichloroethene	0.690	0.632	8.4	108	0.00
22 T	Diisopropyl ether	2.317	2.484	-7.2	121	0.00
23 T	Vinyl Acetate	2.087	2.255	-8.0	120	0.00
24 P	1,1-Dichloroethane	1.283	1.326	-3.4	119	0.01
25 T	2-Butanone	0.572	0.609	-6.5	121	0.00
26 T	2,2-Dichloropropane	1.166	1.052	9.8	105	0.00
27 T	cis-1,2-Dichloroethene	0.794	0.801	-0.9	118	0.00
28 T	Bromochloromethane	0.606	0.705	-16.3	110	0.00
29 T	Tetrahydrofuran	0.373	0.398	-6.7	123	0.00
30 C	Chloroform	1.282	1.331	-3.8#	118	0.00
31 T	Cyclohexane	1.210	1.040	14.0	99	0.00
32 T	1,1,1-Trichloroethane	1.142	1.112	2.6	112	0.00
33 S	1,2-Dichloroethane-d4	0.865	1.070	-23.7	123	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.336	0.364	-8.3	113	0.00
36 T	1,1-Dichloropropene	0.490	0.456	6.9	110	0.00
37 T	Ethyl Acetate	0.633	0.617	2.5	123	0.00
38 T	Carbon Tetrachloride	0.507	0.475	6.3	111	0.00
39 T	Methylcyclohexane	0.630	0.466	26.0#	87	0.00
40 TM	Benzene	1.494	1.418	5.1	114	0.00
41 T	Methacrylonitrile	0.333	0.328	1.5	118	0.00
42 TM	1,2-Dichloroethane	0.531	0.561	-5.6	126	0.00
43 T	Isopropyl Acetate	0.973	1.026	-5.4	123	0.00
44 TM	Trichloroethene	0.349	0.321	8.0	110	0.00
45 C	1,2-Dichloropropane	0.377	0.369	2.1#	117	0.00
46 T	Dibromomethane	0.269	0.267	0.7	119	0.00
47 T	Bromodichloromethane	0.538	0.556	-3.3	124	0.00
48 T	Methyl methacrylate	0.449	0.493	-9.8	129	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	124	0.00
50 S	Toluene-d8	1.294	1.348	-4.2	107	0.00
51 T	4-Methyl-2-Pentanone	0.575	0.626	-8.9	126	0.00
52 CM	Toluene	0.921	0.867	5.9#	112	0.00
53 T	t-1,3-Dichloropropene	0.573	0.591	-3.1	120	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.610	-0.3	119	0.00
55 T	1,1,2-Trichloroethane	0.349	0.346	0.9	120	0.00
56 T	Ethyl methacrylate	0.553	0.604	-9.2	124	0.00
57 T	1,3-Dichloropropane	0.614	0.627	-2.1	121	0.00
58 T	2-Chloroethyl Vinyl ether	0.288	0.343	-19.1	137	0.00
59 T	2-Hexanone	0.382	0.430	-12.6	126	0.00
60 T	Dibromochloromethane	0.397	0.402	-1.3	120	0.00
61 T	1,2-Dibromoethane	0.360	0.362	-0.6	122	0.00
62 S	4-Bromofluorobenzene	0.457	0.549	-20.1	122	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.330	0.282	14.5	109	0.00
65 PM	Chlorobenzene	1.135	1.046	7.8	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.354	4.8	114	0.00
67 C	Ethyl Benzene	1.993	1.834	8.0#	111	0.00
68 T	m/p-Xylenes	0.747	0.689	7.8	109	0.00
69 T	o-Xylene	0.708	0.668	5.6	111	0.00
70 T	Styrene	1.154	1.163	-0.8	115	0.00
71 P	Bromoform	0.278	0.283	-1.8	122	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.856	3.257	15.5	106	0.00
74 T	N-amyl acetate	1.095	1.095	0.0	123	0.00
75 P	1,1,2,2-Tetrachloroethane	1.201	1.120	6.7	121	0.00
76 T	1,2,3-Trichloropropane	1.143	1.064	6.9	118	0.00
77 T	Bromobenzene	0.832	0.774	7.0	117	0.00
78 T	n-propylbenzene	4.706	3.939	16.3	104	0.00
79 T	2-Chlorotoluene	2.684	2.480	7.6	114	0.00
80 T	1,3,5-Trimethylbenzene	3.203	2.706	15.5	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.410	0.378	7.8	124	0.00
82 T	4-Chlorotoluene	2.904	2.570	11.5	114	0.00
83 T	tert-Butylbenzene	2.861	2.268	20.7	100	0.00
84 T	1,2,4-Trimethylbenzene	3.204	2.807	12.4	108	0.00
85 T	sec-Butylbenzene	4.203	3.107	26.1#	92	0.00
86 T	p-Isopropyltoluene	3.372	2.640	21.7	95	0.00
87 T	1,3-Dichlorobenzene	1.660	1.448	12.8	109	0.00
88 T	1,4-Dichlorobenzene	1.783	1.495	16.2	111	0.00
89 T	n-Butylbenzene	3.340	2.445	26.8#	90	0.00
90 T	Hexachloroethane	0.653	0.477	27.0#	92	0.00
91 T	1,2-Dichlorobenzene	1.600	1.411	11.8	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.264	5.4	128	0.00
93 T	1,2,4-Trichlorobenzene	0.969	0.713	26.4#	94	0.00
94 T	Hexachlorobutadiene	0.361	0.224	38.0#	79	0.00
95 T	Naphthalene	3.320	2.734	17.7	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.661	28.8#	93	0.00

(#) = Out of Range

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