

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088197.D
 Acq On : 06 Nov 2025 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 02:14:16 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	107	0.00
2 T	Dichlorodifluoromethane	0.564	0.507	10.1	118	0.00
3 P	Chloromethane	0.664	0.557	16.1	115	0.00
4 C	Vinyl Chloride	0.723	0.645	10.8#	119	0.00
5 T	Bromomethane	0.432	0.360	16.7	113	0.00
6 T	Chloroethane	0.521	0.419	19.6	109	0.00
7 T	Trichlorofluoromethane	1.153	0.986	14.5	110	0.00
8 T	Diethyl Ether	0.429	0.404	5.8	135	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.520	12.6	117	0.00
10 T	Methyl Iodide	0.544	0.566	-4.0	132	0.00
11 T	Tert butyl alcohol	0.149	0.147	1.3	136	0.00
12 CM	1,1-Dichloroethene	0.628	0.520	17.2#	120	0.00
13 T	Acrolein	0.168	0.128	23.8	110	0.00
14 T	Allyl chloride	1.102	1.043	5.4	137	0.00
15 T	Acrylonitrile	0.406	0.401	1.2	132	0.00
16 T	Acetone	0.434	0.399	8.1	133	0.00
17 T	Carbon Disulfide	1.910	1.582	17.2	114	0.00
18 T	Methyl Acetate	0.889	0.917	-3.1	142	0.00
19 T	Methyl tert-butyl Ether	2.308	2.383	-3.2	142	0.00
20 T	Methylene Chloride	0.729	0.671	8.0	133	0.00
21 T	trans-1,2-Dichloroethene	0.690	0.610	11.6	121	0.00
22 T	Diisopropyl ether	2.317	2.326	-0.4	132	0.00
23 T	Vinyl Acetate	2.087	2.154	-3.2	132	0.00
24 P	1,1-Dichloroethane	1.283	1.247	2.8	130	0.00
25 T	2-Butanone	0.572	0.561	1.9	129	0.00
26 T	2,2-Dichloropropane	1.166	1.122	3.8	130	0.00
27 T	cis-1,2-Dichloroethene	0.794	0.742	6.5	126	0.00
28 T	Bromochloromethane	0.606	0.675	-11.4	122	0.00
29 T	Tetrahydrofuran	0.373	0.359	3.8	129	0.00
30 C	Chloroform	1.282	1.278	0.3#	131	0.00
31 T	Cyclohexane	1.210	1.059	12.5	117	0.00
32 T	1,1,1-Trichloroethane	1.142	1.106	3.2	130	0.00
33 S	1,2-Dichloroethane-d4	0.865	0.909	-5.1	121	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.336	0.334	0.6	112	0.00
36 T	1,1-Dichloropropene	0.490	0.479	2.2	125	0.00
37 T	Ethyl Acetate	0.633	0.622	1.7	134	0.00
38 T	Carbon Tetrachloride	0.507	0.502	1.0	128	0.00
39 T	Methylcyclohexane	0.630	0.519	17.6	105	0.00
40 TM	Benzene	1.494	1.426	4.6	124	0.00
41 T	Methacrylonitrile	0.333	0.330	0.9	129	0.00
42 TM	1,2-Dichloroethane	0.531	0.574	-8.1	140	0.00
43 T	Isopropyl Acetate	0.973	1.011	-3.9	132	0.00
44 TM	Trichloroethene	0.349	0.336	3.7	125	0.00
45 C	1,2-Dichloropropane	0.377	0.374	0.8#	129	0.00
46 T	Dibromomethane	0.269	0.275	-2.2	133	0.00
47 T	Bromodichloromethane	0.538	0.567	-5.4	137	0.00
48 T	Methyl methacrylate	0.449	0.484	-7.8	138	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	142	0.00
50 S	Toluene-d8	1.294	1.260	2.6	109	0.00
51 T	4-Methyl-2-Pentanone	0.575	0.605	-5.2	132	0.00
52 CM	Toluene	0.921	0.887	3.7#	124	0.00
53 T	t-1,3-Dichloropropene	0.573	0.626	-9.2	139	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.630	-3.6	133	0.00
55 T	1,1,2-Trichloroethane	0.349	0.339	2.9	128	0.00
56 T	Ethyl methacrylate	0.553	0.614	-11.0	137	0.00
57 T	1,3-Dichloropropane	0.614	0.629	-2.4	132	0.00
58 T	2-Chloroethyl Vinyl ether	0.288	0.340	-18.1	147	0.00
59 T	2-Hexanone	0.382	0.415	-8.6	132	0.00
60 T	Dibromochloromethane	0.397	0.411	-3.5	133	0.00
61 T	1,2-Dibromoethane	0.360	0.361	-0.3	133	0.00
62 S	4-Bromofluorobenzene	0.457	0.471	-3.1	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.330	0.308	6.7	124	0.00
65 PM	Chlorobenzene	1.135	1.107	2.5	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.389	-4.6	130	0.00
67 C	Ethyl Benzene	1.993	1.968	1.3#	124	0.00
68 T	m/p-Xylenes	0.747	0.735	1.6	120	0.00
69 T	o-Xylene	0.708	0.713	-0.7	123	0.00
70 T	Styrene	1.154	1.219	-5.6	125	0.00
71 P	Bromoform	0.278	0.305	-9.7	136	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.856	3.772	2.2	120	0.00
74 T	N-amyl acetate	1.095	1.041	4.9	114	0.00
75 P	1,1,2,2-Tetrachloroethane	1.201	1.232	-2.6	130	0.00
76 T	1,2,3-Trichloropropane	1.143	1.225	-7.2	133	0.00
77 T	Bromobenzene	0.832	0.860	-3.4	126	0.00
78 T	n-propylbenzene	4.706	4.539	3.5	116	0.00
79 T	2-Chlorotoluene	2.684	2.793	-4.1	125	0.00
80 T	1,3,5-Trimethylbenzene	3.203	3.150	1.7	119	0.00
81 T	trans-1,4-Dichloro-2-butene	0.410	0.437	-6.6	139	0.00
82 T	4-Chlorotoluene	2.904	2.890	0.5	124	0.00
83 T	tert-Butylbenzene	2.861	2.665	6.9	114	0.00
84 T	1,2,4-Trimethylbenzene	3.204	3.215	-0.3	120	0.00
85 T	sec-Butylbenzene	4.203	3.729	11.3	107	0.00
86 T	p-Isopropyltoluene	3.372	3.124	7.4	110	0.00
87 T	1,3-Dichlorobenzene	1.660	1.624	2.2	118	0.00
88 T	1,4-Dichlorobenzene	1.783	1.710	4.1	123	0.00
89 T	n-Butylbenzene	3.340	2.900	13.2	103	0.00
90 T	Hexachloroethane	0.653	0.599	8.3	113	0.00
91 T	1,2-Dichlorobenzene	1.600	1.563	2.3	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.290	-3.9	136	0.00
93 T	1,2,4-Trichlorobenzene	0.969	0.809	16.5	104	0.00
94 T	Hexachlorobutadiene	0.361	0.293	18.8	101	0.00
95 T	Naphthalene	3.320	2.987	10.0	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.734	21.0	100	0.00

(#) = Out of Range

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