

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088145.D
 Acq On : 28 Oct 2025 17:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 29 02:29:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 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	101	0.00
2 T	Dichlorodifluoromethane	0.564	0.548	2.8	121	0.00
3 P	Chloromethane	0.664	0.567	14.6	110	0.00
4 C	Vinyl Chloride	0.723	0.683	5.5#	119	0.00
5 T	Bromomethane	0.432	0.352	18.5	104	0.00
6 T	Chloroethane	0.521	0.439	15.7	108	0.00
7 T	Trichlorofluoromethane	1.153	1.047	9.2	111	0.00
8 T	Diethyl Ether	0.429	0.389	9.3	123	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.574	3.5	122	0.00
10 T	Methyl Iodide	0.544	0.462	15.1	102	0.00
11 T	Tert butyl alcohol	0.149	0.138	7.4	120	0.00
12 CM	1,1-Dichloroethene	0.628	0.550	12.4#	120	0.00
13 T	Acrolein	0.168	0.219	-30.4#	179#	0.00
14 T	Allyl chloride	1.102	1.033	6.3	128	0.00
15 T	Acrylonitrile	0.406	0.394	3.0	123	0.00
16 T	Acetone	0.434	0.380	12.4	120	0.00
17 T	Carbon Disulfide	1.910	1.665	12.8	113	0.00
18 T	Methyl Acetate	0.889	0.898	-1.0	132	0.00
19 T	Methyl tert-butyl Ether	2.308	2.243	2.8	127	0.00
20 T	Methylene Chloride	0.729	0.660	9.5	123	0.00
21 T	trans-1,2-Dichloroethene	0.690	0.625	9.4	118	0.00
22 T	Diisopropyl ether	2.317	2.293	1.0	123	0.00
23 T	Vinyl Acetate	2.087	2.113	-1.2	123	0.00
24 P	1,1-Dichloroethane	1.283	1.257	2.0	124	0.00
25 T	2-Butanone	0.572	0.557	2.6	121	0.00
26 T	2,2-Dichloropropane	1.166	1.084	7.0	119	0.00
27 T	cis-1,2-Dichloroethene	0.794	0.749	5.7	121	0.00
28 T	Bromochloromethane	0.606	0.548	9.6	94	0.00
29 T	Tetrahydrofuran	0.373	0.357	4.3	122	0.00
30 C	Chloroform	1.282	1.253	2.3#	122	0.00
31 T	Cyclohexane	1.210	1.139	5.9	119	0.00
32 T	1,1,1-Trichloroethane	1.142	1.116	2.3	124	0.00
33 S	1,2-Dichloroethane-d4	0.865	0.860	0.6	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.336	0.325	3.3	102	0.00
36 T	1,1-Dichloropropene	0.490	0.506	-3.3	124	0.00
37 T	Ethyl Acetate	0.633	0.628	0.8	127	0.00
38 T	Carbon Tetrachloride	0.507	0.516	-1.8	123	0.00
39 T	Methylcyclohexane	0.630	0.622	1.3	118	0.00
40 TM	Benzene	1.494	1.452	2.8	118	0.00
41 T	Methacrylonitrile	0.333	0.332	0.3	122	0.00
42 TM	1,2-Dichloroethane	0.531	0.567	-6.8	129	0.00
43 T	Isopropyl Acetate	0.973	0.997	-2.5	122	0.00
44 TM	Trichloroethene	0.349	0.336	3.7	117	0.00
45 C	1,2-Dichloropropane	0.377	0.380	-0.8#	123	0.00
46 T	Dibromomethane	0.269	0.270	-0.4	123	0.00
47 T	Bromodichloromethane	0.538	0.547	-1.7	123	0.00
48 T	Methyl methacrylate	0.449	0.476	-6.0	127	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.005	16.7	121	0.00
50 S	Toluene-d8	1.294	1.212	6.3	98	0.00
51 T	4-Methyl-2-Pentanone	0.575	0.607	-5.6	124	0.00
52 CM	Toluene	0.921	0.908	1.4#	119	0.00
53 T	t-1,3-Dichloropropene	0.573	0.584	-1.9	121	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.622	-2.3	123	0.00
55 T	1,1,2-Trichloroethane	0.349	0.339	2.9	120	0.00
56 T	Ethyl methacrylate	0.553	0.593	-7.2	124	0.00
57 T	1,3-Dichloropropane	0.614	0.616	-0.3	121	0.00
58 T	2-Chloroethyl Vinyl ether	0.288	0.331	-14.9	134	0.00
59 T	2-Hexanone	0.382	0.412	-7.9	123	0.00
60 T	Dibromochloromethane	0.397	0.387	2.5	117	0.00
61 T	1,2-Dibromoethane	0.360	0.355	1.4	122	0.00
62 S	4-Bromofluorobenzene	0.457	0.452	1.1	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.330	0.319	3.3	119	0.00
65 PM	Chlorobenzene	1.135	1.111	2.1	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.376	-1.1	117	0.00
67 C	Ethyl Benzene	1.993	2.044	-2.6#	120	0.00
68 T	m/p-Xylenes	0.747	0.765	-2.4	117	0.00
69 T	o-Xylene	0.708	0.722	-2.0	116	0.00
70 T	Styrene	1.154	1.234	-6.9	118	0.00
71 P	Bromoform	0.278	0.285	-2.5	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.856	3.816	1.0	118	0.00
74 T	N-amyl acetate	1.095	0.923	15.7	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.201	1.165	3.0	119	0.00
76 T	1,2,3-Trichloropropane	1.143	1.114	2.5	117	0.00
77 T	Bromobenzene	0.832	0.835	-0.4	119	0.00
78 T	n-propylbenzene	4.706	4.757	-1.1	119	0.00
79 T	2-Chlorotoluene	2.684	2.795	-4.1	122	0.00
80 T	1,3,5-Trimethylbenzene	3.203	3.284	-2.5	120	0.00
81 T	trans-1,4-Dichloro-2-butene	0.410	0.369	10.0	114	0.00
82 T	4-Chlorotoluene	2.904	2.883	0.7	120	0.00
83 T	tert-Butylbenzene	2.861	2.847	0.5	118	0.00
84 T	1,2,4-Trimethylbenzene	3.204	3.298	-2.9	119	0.00
85 T	sec-Butylbenzene	4.203	4.181	0.5	117	0.00
86 T	p-Isopropyltoluene	3.372	3.451	-2.3	118	0.00
87 T	1,3-Dichlorobenzene	1.660	1.635	1.5	116	0.00
88 T	1,4-Dichlorobenzene	1.783	1.667	6.5	117	0.00
89 T	n-Butylbenzene	3.340	3.354	-0.4	116	0.00
90 T	Hexachloroethane	0.653	0.623	4.6	114	0.00
91 T	1,2-Dichlorobenzene	1.600	1.545	3.4	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.279	0.0	128	0.00
93 T	1,2,4-Trichlorobenzene	0.969	0.927	4.3	116	0.00
94 T	Hexachlorobutadiene	0.361	0.365	-1.1	122	0.00
95 T	Naphthalene	3.320	3.232	2.7	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.929	0.897	3.4	119	0.00

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