

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086938.D
 Acq On : 10 Jun 2025 18:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 11 04:18:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 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	85	0.00
2 T	Dichlorodifluoromethane	0.499	0.512	-2.6	87	0.00
3 P	Chloromethane	0.644	0.572	11.2	82	0.00
4 C	Vinyl Chloride	0.664	0.687	-3.5#	91	0.00
5 T	Bromomethane	0.372	0.261	29.8#	62	0.00
6 T	Chloroethane	0.429	0.442	-3.0	92	0.00
7 T	Trichlorofluoromethane	0.868	0.890	-2.5	91	0.00
8 T	Diethyl Ether	0.378	0.392	-3.7	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.555	-1.8	91	0.00
10 T	Methyl Iodide	0.707	0.499	29.4#	62	0.01
11 T	Tert butyl alcohol	0.182	0.162	11.0	79	-0.01
12 CM	1,1-Dichloroethene	0.557	0.589	-5.7#	94	0.00
13 T	Acrolein	0.057	0.013	77.2#	24#	0.00
14 T	Allyl chloride	0.923	0.826	10.5	81	0.00
15 T	Acrylonitrile	0.425	0.392	7.8	82	0.00
16 T	Acetone	0.355	0.292	17.7	77	0.00
17 T	Carbon Disulfide	1.539	1.746	-13.5	104	0.01
18 T	Methyl Acetate	1.035	0.754	27.1#	65	0.00
19 T	Methyl tert-butyl Ether	2.015	1.956	2.9	86	0.00
20 T	Methylene Chloride	0.665	0.648	2.6	91	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.623	-0.6	94	0.00
22 T	Diisopropyl ether	1.945	1.764	9.3	81	0.00
23 T	Vinyl Acetate	1.644	1.582	3.8	85	0.00
24 P	1,1-Dichloroethane	1.120	1.095	2.2	88	0.00
25 T	2-Butanone	0.577	0.496	14.0	77	0.00
26 T	2,2-Dichloropropane	0.871	0.847	2.8	80	0.00
27 T	cis-1,2-Dichloroethene	0.740	0.750	-1.4	92	0.00
28 T	Bromochloromethane	0.550	0.415	24.5	76	0.00
29 T	Tetrahydrofuran	0.376	0.329	12.5	78	0.00
30 C	Chloroform	1.118	1.074	3.9#	86	0.00
31 T	Cyclohexane	1.086	0.995	8.4	84	0.00
32 T	1,1,1-Trichloroethane	0.951	0.926	2.6	88	0.00
33 S	1,2-Dichloroethane-d4	0.669	0.555	17.0	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.296	0.282	4.7	105	0.00
36 T	1,1-Dichloropropene	0.442	0.469	-6.1	92	0.00
37 T	Ethyl Acetate	0.562	0.549	2.3	83	0.00
38 T	Carbon Tetrachloride	0.433	0.448	-3.5	89	0.00
39 T	Methylcyclohexane	0.605	0.588	2.8	84	0.00
40 TM	Benzene	1.444	1.488	-3.0	90	0.00
41 T	Methacrylonitrile	0.316	0.276	12.7	74	0.00
42 TM	1,2-Dichloroethane	0.438	0.436	0.5	86	0.00
43 T	Isopropyl Acetate	0.902	0.833	7.6	80	0.00
44 TM	Trichloroethene	0.342	0.379	-10.8	94	0.00
45 C	1,2-Dichloropropane	0.351	0.351	0.0	86	0.00
46 T	Dibromomethane	0.233	0.249	-6.9	92	0.00
47 T	Bromodichloromethane	0.480	0.483	-0.6	86	0.00
48 T	Methyl methacrylate	0.415	0.387	6.7	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.008	0.0	86	0.00
50 S	Toluene-d8	1.173	1.082	7.8	102	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.513	5.5	78	0.00
52 CM	Toluene	0.882	0.931	-5.6#	91	0.00
53 T	t-1,3-Dichloropropene	0.537	0.560	-4.3	88	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.596	-3.8	88	0.00
55 T	1,1,2-Trichloroethane	0.340	0.346	-1.8	87	0.00
56 T	Ethyl methacrylate	0.541	0.588	-8.7	86	0.00
57 T	1,3-Dichloropropane	0.589	0.597	-1.4	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.323	0.153	52.6#	46#	0.00
59 T	2-Hexanone	0.350	0.336	4.0	74	0.00
60 T	Dibromochloromethane	0.354	0.378	-6.8	91	0.00
61 T	1,2-Dibromoethane	0.348	0.372	-6.9	92	0.00
62 S	4-Bromofluorobenzene	0.436	0.408	6.4	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.316	0.341	-7.9	94	0.00
65 PM	Chlorobenzene	1.103	1.175	-6.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.366	-3.4	88	0.00
67 C	Ethyl Benzene	1.899	1.991	-4.8#	90	0.00
68 T	m/p-Xylenes	0.727	0.777	-6.9	90	0.00
69 T	o-Xylene	0.696	0.747	-7.3	90	0.00
70 T	Styrene	1.192	1.274	-6.9	89	0.00
71 P	Bromoform	0.263	0.292	-11.0	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.643	3.690	-1.3	85	0.00
74 T	N-amyl acetate	1.273	1.153	9.4	72	0.00
75 P	1,1,2,2-Tetrachloroethane	1.234	1.252	-1.5	84	0.00
76 T	1,2,3-Trichloropropane	1.189	1.059	10.9	72	0.00
77 T	Bromobenzene	0.835	0.914	-9.5	92	0.00
78 T	n-propylbenzene	4.427	4.389	0.9	83	0.00
79 T	2-Chlorotoluene	2.655	2.677	-0.8	85	0.00
80 T	1,3,5-Trimethylbenzene	3.007	2.999	0.3	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.516	0.491	4.8	82	0.00
82 T	4-Chlorotoluene	2.686	2.728	-1.6	85	0.00
83 T	tert-Butylbenzene	2.753	2.675	2.8	81	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.096	-2.7	84	0.00
85 T	sec-Butylbenzene	3.998	3.734	6.6	77	0.00
86 T	p-Isopropyltoluene	3.305	3.186	3.6	79	0.00
87 T	1,3-Dichlorobenzene	1.644	1.714	-4.3	87	0.00
88 T	1,4-Dichlorobenzene	1.676	1.755	-4.7	88	0.00
89 T	n-Butylbenzene	3.201	2.859	10.7	74	0.00
90 T	Hexachloroethane	0.560	0.526	6.1	78	0.00
91 T	1,2-Dichlorobenzene	1.579	1.624	-2.8	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.276	6.4	80	0.00
93 T	1,2,4-Trichlorobenzene	1.008	0.971	3.7	79	0.00
94 T	Hexachlorobutadiene	0.376	0.317	15.7	69	0.00
95 T	Naphthalene	3.753	4.004	-6.7	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.913	8.9	76	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5