

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086616.D
 Acq On : 14 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 15 02:58:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 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	73	0.00
2 T	Dichlorodifluoromethane	0.593	0.659	-11.1	82	0.00
3 P	Chloromethane	0.861	0.923	-7.2	90	0.00
4 C	Vinyl Chloride	0.822	0.829	-0.9#	77	0.00
5 T	Bromomethane	0.370	0.492	-33.0#	101	-0.01
6 T	Chloroethane	0.550	0.559	-1.6	82	0.00
7 T	Trichlorofluoromethane	0.911	0.964	-5.8	82	0.00
8 T	Diethyl Ether	0.398	0.448	-12.6	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.594	-7.8	83	0.00
10 T	Methyl Iodide	0.606	0.733	-21.0	90	0.00
11 T	Tert butyl alcohol	0.132	0.126	4.5	74	0.00
12 CM	1,1-Dichloroethene	0.588	0.594	-1.0#	79	0.00
13 T	Acrolein	0.075	0.081	-8.0	97	0.00
14 T	Allyl chloride	1.046	0.968	7.5	76	0.00
15 T	Acrylonitrile	0.327	0.364	-11.3	84	0.00
16 T	Acetone	0.290	0.286	1.4	84	0.00
17 T	Carbon Disulfide	1.762	1.681	4.6	79	0.00
18 T	Methyl Acetate	0.870	0.816	6.2	77	0.00
19 T	Methyl tert-butyl Ether	2.163	2.392	-10.6	87	0.00
20 T	Methylene Chloride	0.670	0.771	-15.1	91	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.669	-8.8	85	0.00
22 T	Diisopropyl ether	2.276	2.418	-6.2	84	0.00
23 T	Vinyl Acetate	1.591	1.805	-13.5	89	0.00
24 P	1,1-Dichloroethane	1.201	1.325	-10.3	86	0.00
25 T	2-Butanone	0.451	0.462	-2.4	80	0.00
26 T	2,2-Dichloropropane	1.075	1.120	-4.2	84	0.00
27 T	cis-1,2-Dichloroethene	0.764	0.869	-13.7	89	0.00
28 T	Bromochloromethane	0.509	0.706	-38.7#	105	0.00
29 T	Tetrahydrofuran	0.302	0.309	-2.3	81	0.00
30 C	Chloroform	1.180	1.344	-13.9#	89	0.00
31 T	Cyclohexane	1.175	1.061	9.7	73	0.00
32 T	1,1,1-Trichloroethane	1.009	1.074	-6.4	83	0.00
33 S	1,2-Dichloroethane-d4	0.725	0.755	-4.1	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.232	0.308	-32.8#	106	0.00
36 T	1,1-Dichloropropene	0.463	0.489	-5.6	82	0.00
37 T	Ethyl Acetate	0.488	0.495	-1.4	82	0.00
38 T	Carbon Tetrachloride	0.441	0.477	-8.2	83	0.00
39 T	Methylcyclohexane	0.551	0.526	4.5	74	0.00
40 TM	Benzene	1.485	1.641	-10.5	86	0.00
41 T	Methacrylonitrile	0.283	0.291	-2.8	82	0.00
42 TM	1,2-Dichloroethane	0.474	0.552	-16.5	92	0.00
43 T	Isopropyl Acetate	1.177	0.924	21.5	79	0.00
44 TM	Trichloroethene	0.352	0.392	-11.4	86	0.00
45 C	1,2-Dichloropropane	0.364	0.404	-11.0#	86	0.00
46 T	Dibromomethane	0.232	0.280	-20.7	91	0.00
47 T	Bromodichloromethane	0.500	0.591	-18.2	92	0.00
48 T	Methyl methacrylate	0.429	0.419	2.3	78	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	89	0.00
50 S	Toluene-d8	1.240	1.223	1.4	72	0.00
51 T	4-Methyl-2-Pentanone	0.500	0.528	-5.6	81	0.00
52 CM	Toluene	0.927	1.042	-12.4#	86	0.00
53 T	t-1,3-Dichloropropene	0.558	0.650	-16.5	88	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.687	-12.1	88	0.00
55 T	1,1,2-Trichloroethane	0.333	0.394	-18.3	92	0.00
56 T	Ethyl methacrylate	0.613	0.675	-10.1	86	0.00
57 T	1,3-Dichloropropane	0.592	0.704	-18.9	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.291	0.427	-46.7#	110	0.00
59 T	2-Hexanone	0.371	0.385	-3.8	80	0.00
60 T	Dibromochloromethane	0.366	0.448	-22.4	94	0.00
61 T	1,2-Dibromoethane	0.336	0.406	-20.8	93	0.00
62 S	4-Bromofluorobenzene	0.452	0.477	-5.5	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.385	0.406	-5.5	86	0.00
65 PM	Chlorobenzene	1.116	1.241	-11.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.413	-12.2	93	0.00
67 C	Ethyl Benzene	2.014	2.126	-5.6#	87	0.00
68 T	m/p-Xylenes	0.754	0.816	-8.2	88	0.00
69 T	o-Xylene	0.746	0.823	-10.3	90	0.00
70 T	Styrene	1.243	1.408	-13.3	90	0.00
71 P	Bromoform	0.277	0.318	-14.8	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	4.090	3.971	2.9	86	0.00
74 T	N-amyl acetate	2.036	1.834	9.9	83	0.00
75 P	1,1,2,2-Tetrachloroethane	1.176	1.252	-6.5	97	0.00
76 T	1,2,3-Trichloropropane	1.180	1.017	13.8	79	0.00
77 T	Bromobenzene	0.906	1.010	-11.5	96	0.00
78 T	n-propylbenzene	4.820	4.715	2.2	85	0.00
79 T	2-Chlorotoluene	3.016	3.030	-0.5	88	0.00
80 T	1,3,5-Trimethylbenzene	3.348	3.326	0.7	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.491	0.539	-9.8	94	0.00
82 T	4-Chlorotoluene	2.996	3.071	-2.5	88	0.00
83 T	tert-Butylbenzene	2.901	2.782	4.1	86	0.00
84 T	1,2,4-Trimethylbenzene	3.408	3.437	-0.9	87	0.00
85 T	sec-Butylbenzene	4.023	3.890	3.3	83	0.00
86 T	p-Isopropyltoluene	3.316	3.327	-0.3	85	0.00
87 T	1,3-Dichlorobenzene	1.704	1.864	-9.4	93	0.00
88 T	1,4-Dichlorobenzene	1.716	1.860	-8.4	93	0.00
89 T	n-Butylbenzene	2.939	2.903	1.2	82	0.00
90 T	Hexachloroethane	0.558	0.561	-0.5	87	0.00
91 T	1,2-Dichlorobenzene	1.652	1.790	-8.4	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.237	0.228	3.8	82	0.00
93 T	1,2,4-Trichlorobenzene	0.791	0.859	-8.6	90	0.00
94 T	Hexachlorobutadiene	0.299	0.315	-5.4	91	0.00
95 T	Naphthalene	2.804	2.859	-2.0	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.803	-7.2	91	0.00

(#) = Out of Range

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