

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086088.D
 Acq On : 24 Mar 2025 21:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 25 01:33:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 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	166#	0.00
2 T	Dichlorodifluoromethane	0.662	0.493	25.5#	127	0.00
3 P	Chloromethane	0.581	0.563	3.1	168#	0.00
4 C	Vinyl Chloride	0.594	0.621	-4.5#	175#	0.00
5 T	Bromomethane	0.404	0.387	4.2	169#	0.00
6 T	Chloroethane	0.375	0.399	-6.4	201#	0.00
7 T	Trichlorofluoromethane	1.067	0.913	14.4	155#	0.00
8 T	Diethyl Ether	0.327	0.342	-4.6	175#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.567	0.522	7.9	169#	0.00
10 T	Methyl Iodide	0.739	0.762	-3.1	174#	0.00
11 T	Tert butyl alcohol	0.097	0.091	6.2	160#	0.00
12 CM	1,1-Dichloroethene	0.512	0.523	-2.1#	169#	0.00
13 T	Acrolein	0.103	0.130	-26.2#	217#	0.00
14 T	Allyl chloride	0.639	0.691	-8.1	186#	0.00
15 T	Acrylonitrile	0.256	0.271	-5.9	182#	0.00
16 T	Acetone	0.209	0.207	1.0	177#	0.00
17 T	Carbon Disulfide	1.685	1.418	15.8	156#	0.00
18 T	Methyl Acetate	0.518	0.603	-16.4	214#	0.00
19 T	Methyl tert-butyl Ether	1.679	1.737	-3.5	171#	0.00
20 T	Methylene Chloride	0.612	0.585	4.4	172#	0.00
21 T	trans-1,2-Dichloroethene	0.560	0.548	2.1	171#	0.00
22 T	Diisopropyl ether	1.362	1.665	-22.2	201#	0.00
23 T	Vinyl Acetate	1.032	1.229	-19.1	192#	0.00
24 P	1,1-Dichloroethane	1.001	1.018	-1.7	179#	0.00
25 T	2-Butanone	0.302	0.329	-8.9	188#	0.00
26 T	2,2-Dichloropropane	0.964	0.783	18.8	141	0.00
27 T	cis-1,2-Dichloroethene	0.636	0.660	-3.8	173#	0.00
28 T	Bromochloromethane	0.424	0.433	-2.1	184#	0.00
29 T	Tetrahydrofuran	0.186	0.223	-19.9	191#	0.00
30 C	Chloroform	1.107	1.048	5.3#	171#	0.00
31 T	Cyclohexane	0.853	0.830	2.7	173#	0.00
32 T	1,1,1-Trichloroethane	1.048	0.951	9.3	161#	0.00
33 S	1,2-Dichloroethane-d4	0.685	0.646	5.7	162#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	174#	0.00
35 S	Dibromofluoromethane	0.349	0.334	4.3	174#	0.00
36 T	1,1-Dichloropropene	0.460	0.444	3.5	171#	0.00
37 T	Ethyl Acetate	0.388	0.406	-4.6	193#	0.00
38 T	Carbon Tetrachloride	0.604	0.513	15.1	155#	0.00
39 T	Methylcyclohexane	0.456	0.436	4.4	160#	0.00
40 TM	Benzene	1.443	1.406	2.6	176#	0.00
41 T	Methacrylonitrile	0.185	0.216	-16.8	195#	0.00
42 TM	1,2-Dichloroethane	0.503	0.442	12.1	162#	0.00
43 T	Isopropyl Acetate	0.840	0.719	14.4	182#	0.00
44 TM	Trichloroethene	0.374	0.340	9.1	172#	0.00
45 C	1,2-Dichloropropane	0.328	0.340	-3.7#	185#	0.00
46 T	Dibromomethane	0.258	0.244	5.4	175#	0.00
47 T	Bromodichloromethane	0.539	0.503	6.7	170#	0.00
48 T	Methyl methacrylate	0.277	0.315	-13.7	190#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.007	0.0	171#	0.00
50 S	Toluene-d8	1.267	1.250	1.3	172#	0.00
51 T	4-Methyl-2-Pentanone	0.371	0.415	-11.9	188#	0.00
52 CM	Toluene	0.885	0.885	0.0	169#	0.00
53 T	t-1,3-Dichloropropene	0.524	0.504	3.8	163#	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.550	0.5	169#	0.00
55 T	1,1,2-Trichloroethane	0.338	0.334	1.2	178#	0.00
56 T	Ethyl methacrylate	0.463	0.529	-14.3	175#	0.00
57 T	1,3-Dichloropropane	0.574	0.564	1.7	174#	0.00
58 T	2-Chloroethyl Vinyl ether	0.183	0.234	-27.9#	192#	0.00
59 T	2-Hexanone	0.270	0.300	-11.1	184#	0.00
60 T	Dibromochloromethane	0.436	0.410	6.0	165#	0.00
61 T	1,2-Dibromoethane	0.347	0.339	2.3	169#	0.00
62 S	4-Bromofluorobenzene	0.452	0.438	3.1	164#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	171#	0.00
64 T	Tetrachloroethene	0.399	0.367	8.0	169#	0.00
65 PM	Chlorobenzene	1.144	1.102	3.7	173#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.425	0.397	6.6	166#	0.00
67 C	Ethyl Benzene	1.830	1.875	-2.5#	167#	0.00
68 T	m/p-Xylenes	0.719	0.732	-1.8	165#	0.00
69 T	o-Xylene	0.660	0.704	-6.7	168#	0.00
70 T	Styrene	1.128	1.185	-5.1	166#	0.00
71 P	Bromoform	0.356	0.320	10.1	158#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	165#	0.00
73 T	Isopropylbenzene	3.414	3.567	-4.5	164#	0.00
74 T	N-amyl acetate	1.142	1.328	-16.3	180#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.155	1.097	5.0	172#	0.00
76 T	1,2,3-Trichloropropane	1.119	1.129	-0.9	161#	0.00
77 T	Bromobenzene	0.952	0.897	5.8	163#	0.00
78 T	n-propylbenzene	3.866	4.085	-5.7	161#	0.00
79 T	2-Chlorotoluene	2.568	2.571	-0.1	162#	0.00
80 T	1,3,5-Trimethylbenzene	2.883	2.947	-2.2	156#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.423	0.420	0.7	168#	0.00
82 T	4-Chlorotoluene	2.641	2.573	2.6	158#	0.00
83 T	tert-Butylbenzene	2.466	2.482	-0.6	161#	0.00
84 T	1,2,4-Trimethylbenzene	2.908	2.975	-2.3	157#	0.00
85 T	sec-Butylbenzene	3.216	3.407	-5.9	160#	0.00
86 T	p-Isopropyltoluene	2.723	2.883	-5.9	157#	0.00
87 T	1,3-Dichlorobenzene	1.716	1.631	5.0	160#	0.00
88 T	1,4-Dichlorobenzene	1.803	1.606	10.9	159#	0.00
89 T	n-Butylbenzene	2.217	2.216	0.0	151#	0.00
90 T	Hexachloroethane	0.628	0.562	10.5	160#	0.00
91 T	1,2-Dichlorobenzene	1.706	1.587	7.0	164#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.231	0.201	13.0	150#	0.00
93 T	1,2,4-Trichlorobenzene	0.858	0.773	9.9	150#	0.00
94 T	Hexachlorobutadiene	0.498	0.374	24.9	140	0.00
95 T	Naphthalene	2.484	2.345	5.6	149	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.814	0.749	8.0	149	0.00

(#) = Out of Range

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