

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086166.D
 Acq On : 28 Mar 2025 21:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 28 23:41:37 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	110	0.00
2 T	Dichlorodifluoromethane	0.662	0.581	12.2	99	0.00
3 P	Chloromethane	0.581	0.563	3.1	111	0.00
4 C	Vinyl Chloride	0.594	0.537	9.6#	100	0.00
5 T	Bromomethane	0.404	0.315	22.0	91	0.00
6 T	Chloroethane	0.375	0.304	18.9	101	0.00
7 T	Trichlorofluoromethane	1.067	0.976	8.5	110	0.00
8 T	Diethyl Ether	0.327	0.364	-11.3	123	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.567	0.571	-0.7	122	0.00
10 T	Methyl Iodide	0.739	0.776	-5.0	117	0.00
11 T	Tert butyl alcohol	0.097	0.088	9.3	103	0.00
12 CM	1,1-Dichloroethene	0.512	0.544	-6.3#	116	0.00
13 T	Acrolein	0.103	0.087	15.5	96	0.00
14 T	Allyl chloride	0.639	0.678	-6.1	121	0.00
15 T	Acrylonitrile	0.256	0.279	-9.0	124	0.00
16 T	Acetone	0.209	0.204	2.4	115	0.00
17 T	Carbon Disulfide	1.685	1.481	12.1	108	0.00
18 T	Methyl Acetate	0.518	0.624	-20.5	147	0.00
19 T	Methyl tert-butyl Ether	1.679	1.825	-8.7	119	0.00
20 T	Methylene Chloride	0.612	0.644	-5.2	126	0.00
21 T	trans-1,2-Dichloroethene	0.560	0.571	-2.0	118	0.00
22 T	Diisopropyl ether	1.362	1.643	-20.6	131	0.00
23 T	Vinyl Acetate	1.032	1.161	-12.5	120	0.00
24 P	1,1-Dichloroethane	1.001	1.083	-8.2	126	0.00
25 T	2-Butanone	0.302	0.318	-5.3	120	0.00
26 T	2,2-Dichloropropane	0.964	0.823	14.6	98	0.00
27 T	cis-1,2-Dichloroethene	0.636	0.687	-8.0	120	0.00
28 T	Bromochloromethane	0.424	0.440	-3.8	124	0.00
29 T	Tetrahydrofuran	0.186	0.212	-14.0	120	0.00
30 C	Chloroform	1.107	1.145	-3.4#	124	0.00
31 T	Cyclohexane	0.853	0.861	-0.9	119	0.00
32 T	1,1,1-Trichloroethane	1.048	1.050	-0.2	117	0.00
33 S	1,2-Dichloroethane-d4	0.685	0.685	0.0	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
35 S	Dibromofluoromethane	0.349	0.351	-0.6	120	0.00
36 T	1,1-Dichloropropene	0.460	0.469	-2.0	118	0.00
37 T	Ethyl Acetate	0.388	0.385	0.8	119	0.00
38 T	Carbon Tetrachloride	0.604	0.583	3.5	115	0.00
39 T	Methylcyclohexane	0.456	0.458	-0.4	110	0.00
40 TM	Benzene	1.443	1.522	-5.5	125	0.00
41 T	Methacrylonitrile	0.185	0.208	-12.4	123	0.00
42 TM	1,2-Dichloroethane	0.503	0.484	3.8	116	0.00
43 T	Isopropyl Acetate	0.840	0.689	18.0	114	0.00
44 TM	Trichloroethene	0.374	0.361	3.5	119	0.00
45 C	1,2-Dichloropropane	0.328	0.367	-11.9#	130	0.00
46 T	Dibromomethane	0.258	0.261	-1.2	123	0.00
47 T	Bromodichloromethane	0.539	0.561	-4.1	124	0.00
48 T	Methyl methacrylate	0.277	0.313	-13.0	123	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.007	0.0	119	0.00
50 S	Toluene-d8	1.267	1.312	-3.6	118	0.00
51 T	4-Methyl-2-Pentanone	0.371	0.414	-11.6	123	0.00
52 CM	Toluene	0.885	0.980	-10.7#	122	0.00
53 T	t-1,3-Dichloropropene	0.524	0.550	-5.0	116	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.585	-5.8	117	0.00
55 T	1,1,2-Trichloroethane	0.338	0.366	-8.3	128	0.00
56 T	Ethyl methacrylate	0.463	0.554	-19.7	120	0.00
57 T	1,3-Dichloropropane	0.574	0.618	-7.7	124	0.00
58 T	2-Chloroethyl Vinyl ether	0.183	0.246	-34.4#	132	0.00
59 T	2-Hexanone	0.270	0.302	-11.9	121	0.00
60 T	Dibromochloromethane	0.436	0.455	-4.4	120	0.00
61 T	1,2-Dibromoethane	0.347	0.360	-3.7	117	0.00
62 S	4-Bromofluorobenzene	0.452	0.471	-4.2	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
64 T	Tetrachloroethene	0.399	0.381	4.5	120	0.00
65 PM	Chlorobenzene	1.144	1.150	-0.5	123	0.00
66 T	1,1,1,2-Tetrachloroethane	0.425	0.426	-0.2	122	0.00
67 C	Ethyl Benzene	1.830	1.956	-6.9#	119	0.00
68 T	m/p-Xylenes	0.719	0.782	-8.8	120	0.00
69 T	o-Xylene	0.660	0.748	-13.3	122	0.00
70 T	Styrene	1.128	1.277	-13.2	122	0.00
71 P	Bromoform	0.356	0.340	4.5	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
73 T	Isopropylbenzene	3.414	3.554	-4.1	118	0.00
74 T	N-amyl acetate	1.142	1.235	-8.1	121	0.00
75 P	1,1,2,2-Tetrachloroethane	1.155	1.089	5.7	124	0.00
76 T	1,2,3-Trichloropropane	1.119	1.010	9.7	104	0.00
77 T	Bromobenzene	0.952	0.919	3.5	121	0.00
78 T	n-propylbenzene	3.866	4.161	-7.6	119	0.00
79 T	2-Chlorotoluene	2.568	2.636	-2.6	120	0.00
80 T	1,3,5-Trimethylbenzene	2.883	3.080	-6.8	118	0.00
81 T	trans-1,4-Dichloro-2-butene	0.423	0.371	12.3	107	0.00
82 T	4-Chlorotoluene	2.641	2.705	-2.4	120	0.00
83 T	tert-Butylbenzene	2.466	2.512	-1.9	118	0.00
84 T	1,2,4-Trimethylbenzene	2.908	3.115	-7.1	119	0.00
85 T	sec-Butylbenzene	3.216	3.504	-9.0	119	0.00
86 T	p-Isopropyltoluene	2.723	2.936	-7.8	115	0.00
87 T	1,3-Dichlorobenzene	1.716	1.698	1.0	120	0.00
88 T	1,4-Dichlorobenzene	1.803	1.680	6.8	120	0.00
89 T	n-Butylbenzene	2.217	2.322	-4.7	114	0.00
90 T	Hexachloroethane	0.628	0.589	6.2	121	0.00
91 T	1,2-Dichlorobenzene	1.706	1.651	3.2	123	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.231	0.208	10.0	112	0.00
93 T	1,2,4-Trichlorobenzene	0.858	0.807	5.9	113	0.00
94 T	Hexachlorobutadiene	0.498	0.407	18.3	110	0.00
95 T	Naphthalene	2.484	2.412	2.9	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.814	0.805	1.1	116	0.00

(#) = Out of Range

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