

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079045.D
 Acq On : 25 Aug 2023 10:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 23:00:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 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	129	0.00
2 T	Dichlorodifluoromethane	0.694	0.645	7.1	124	-0.01
3 P	Chloromethane	0.969	0.670	30.9#	93	0.00
4 C	Vinyl Chloride	0.849	0.717	15.5#	111	0.00
5 T	Bromomethane	0.488	0.405	17.0	115	-0.01
6 T	Chloroethane	0.594	0.485	18.4	111	0.00
7 T	Trichlorofluoromethane	1.035	0.987	4.6	124	-0.01
8 T	Diethyl Ether	0.392	0.385	1.8	131	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.532	3.4	126	0.00
10 T	Methyl Iodide	0.617	0.674	-9.2	133	-0.01
11 T	Tert butyl alcohol	0.131	0.125	4.6	126	-0.01
12 CM	1,1-Dichloroethene	0.537	0.503	6.3#	121	-0.01
13 T	Acrolein	0.067	0.066	1.5	121	-0.01
14 T	Allyl chloride	1.068	0.929	13.0	108	0.00
15 T	Acrylonitrile	0.354	0.333	5.9	120	0.00
16 T	Acetone	0.321	0.316	1.6	124	-0.01
17 T	Carbon Disulfide	1.503	1.293	14.0	113	-0.01
18 T	Methyl Acetate	1.356	1.268	6.5	123	-0.01
19 T	Methyl tert-butyl Ether	1.934	1.980	-2.4	130	-0.02
20 T	Methylene Chloride	0.684	0.640	6.4	125	0.00
21 T	trans-1,2-Dichloroethene	0.602	0.564	6.3	120	0.00
22 T	Diisopropyl ether	2.260	2.224	1.6	124	-0.01
23 T	Vinyl Acetate	1.488	1.430	3.9	119	0.00
24 P	1,1-Dichloroethane	1.235	1.170	5.3	123	0.00
25 T	2-Butanone	0.515	0.483	6.2	119	0.00
26 T	2,2-Dichloropropane	0.998	0.960	3.8	123	0.00
27 T	cis-1,2-Dichloroethene	0.732	0.695	5.1	125	-0.01
28 T	Bromochloromethane	0.655	0.579	11.6	113	0.00
29 T	Tetrahydrofuran	0.341	0.315	7.6	119	0.00
30 C	Chloroform	1.234	1.182	4.2#	122	0.00
31 T	Cyclohexane	1.068	0.903	15.4	117	0.00
32 T	1,1,1-Trichloroethane	1.052	1.029	2.2	126	0.00
33 S	1,2-Dichloroethane-d4	0.778	0.699	10.2	117	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
35 S	Dibromofluoromethane	0.337	0.357	-5.9	124	0.00
36 T	1,1-Dichloropropene	0.506	0.527	-4.2	120	0.00
37 T	Ethyl Acetate	0.566	0.587	-3.7	118	0.00
38 T	Carbon Tetrachloride	0.507	0.547	-7.9	125	0.00
39 T	Methylcyclohexane	0.466	0.496	-6.4	122	0.00
40 TM	Benzene	1.496	1.553	-3.8	121	0.00
41 T	Methacrylonitrile	0.309	0.337	-9.1	123	-0.01
42 TM	1,2-Dichloroethane	0.559	0.591	-5.7	125	0.00
43 T	Isopropyl Acetate	1.001	1.021	-2.0	120	0.00
44 TM	Trichloroethene	0.356	0.402	-12.9	133	0.00
45 C	1,2-Dichloropropane	0.398	0.417	-4.8#	121	0.00
46 T	Dibromomethane	0.273	0.287	-5.1	127	0.00
47 T	Bromodichloromethane	0.540	0.573	-6.1	124	0.00
48 T	Methyl methacrylate	0.454	0.475	-4.6	123	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.008	0.0	128	0.00
50 S	Toluene-d8	1.250	1.250	0.0	114	0.00
51 T	4-Methyl-2-Pentanone	0.594	0.609	-2.5	118	0.00
52 CM	Toluene	0.919	0.963	-4.8#	121	0.00
53 T	t-1,3-Dichloropropene	0.579	0.651	-12.4	126	0.00
54 T	cis-1,3-Dichloropropene	0.630	0.680	-7.9	125	0.00
55 T	1,1,2-Trichloroethane	0.368	0.401	-9.0	128	0.00
56 T	Ethyl methacrylate	0.571	0.629	-10.2	123	0.00
57 T	1,3-Dichloropropane	0.659	0.695	-5.5	125	0.00
58 T	2-Chloroethyl Vinyl ether	0.274	0.239	12.8	100	0.00
59 T	2-Hexanone	0.430	0.440	-2.3	116	0.00
60 T	Dibromochloromethane	0.388	0.441	-13.7	132	0.00
61 T	1,2-Dibromoethane	0.374	0.409	-9.4	128	0.00
62 S	4-Bromofluorobenzene	0.408	0.441	-8.1	120	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	119	0.00
64 T	Tetrachloroethene	0.314	0.346	-10.2	135	0.00
65 PM	Chlorobenzene	1.064	1.142	-7.3	126	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.436	-8.5	125	0.00
67 C	Ethyl Benzene	1.935	2.018	-4.3#	122	0.00
68 T	m/p-Xylenes	0.724	0.771	-6.5	122	0.00
69 T	o-Xylene	0.704	0.764	-8.5	123	0.00
70 T	Styrene	1.174	1.250	-6.5	119	0.00
71 P	Bromoform	0.292	0.340	-16.4	133	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	4.169	4.214	-1.1	122	0.00
74 T	N-amyl acetate	2.104	2.069	1.7	116	0.00
75 P	1,1,2,2-Tetrachloroethane	1.505	1.443	4.1	121	0.00
76 T	1,2,3-Trichloropropane	1.205	1.131	6.1	117	0.00
77 T	Bromobenzene	1.002	1.043	-4.1	125	0.00
78 T	n-propylbenzene	4.834	4.863	-0.6	118	0.00
79 T	2-Chlorotoluene	2.999	2.950	1.6	121	0.00
80 T	1,3,5-Trimethylbenzene	3.304	3.439	-4.1	124	0.00
81 T	trans-1,4-Dichloro-2-butene	0.472	0.478	-1.3	118	0.00
82 T	4-Chlorotoluene	2.934	2.912	0.7	117	0.00
83 T	tert-Butylbenzene	2.776	2.970	-7.0	125	0.00
84 T	1,2,4-Trimethylbenzene	3.271	3.380	-3.3	121	0.00
85 T	sec-Butylbenzene	3.820	3.958	-3.6	123	0.00
86 T	p-Isopropyltoluene	3.052	3.292	-7.9	125	0.00
87 T	1,3-Dichlorobenzene	1.724	1.788	-3.7	121	0.00
88 T	1,4-Dichlorobenzene	1.726	1.761	-2.0	121	0.00
89 T	n-Butylbenzene	2.512	2.677	-6.6	120	0.00
90 T	Hexachloroethane	0.612	0.609	0.5	126	0.00
91 T	1,2-Dichlorobenzene	1.715	1.797	-4.8	126	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.284	0.262	7.7	117	0.00
93 T	1,2,4-Trichlorobenzene	0.608	0.727	-19.6	133	0.00
94 T	Hexachlorobutadiene	0.329	0.357	-8.5	137	0.00
95 T	Naphthalene	2.054	2.253	-9.7	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.666	0.741	-11.3	127	0.00

(#) = Out of Range

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