

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079352.D
 Acq On : 26 Sep 2023 16:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 06:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 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	116	0.00
2 T	Dichlorodifluoromethane	0.495	0.494	0.2	126	-0.01
3 P	Chloromethane	0.649	0.621	4.3	124	0.00
4 C	Vinyl Chloride	0.708	0.742	-4.8#	131	0.00
5 T	Bromomethane	0.407	0.430	-5.7	138	0.00
6 T	Chloroethane	0.524	0.547	-4.4	144	0.00
7 T	Trichlorofluoromethane	1.036	1.071	-3.4	131	0.00
8 T	Diethyl Ether	0.360	0.390	-8.3	129	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.559	-1.5	129	-0.01
10 T	Methyl Iodide	0.451	0.599	-32.8#	143	-0.01
11 T	Tert butyl alcohol	0.125	0.101	19.2	107	-0.02
12 CM	1,1-Dichloroethene	0.533	0.513	3.8#	117	-0.01
13 T	Acrolein	0.119	0.128	-7.6	134	-0.02
14 T	Allyl chloride	0.851	0.815	4.2	118	0.00
15 T	Acrylonitrile	0.323	0.340	-5.3	129	-0.01
16 T	Acetone	0.287	0.330	-15.0	143	-0.01
17 T	Carbon Disulfide	1.667	1.272	23.7	102	-0.01
18 T	Methyl Acetate	1.178	1.293	-9.8	139	-0.02
19 T	Methyl tert-butyl Ether	1.829	1.952	-6.7	125	-0.02
20 T	Methylene Chloride	0.698	0.664	4.9	125	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.593	4.2	118	0.00
22 T	Diisopropyl ether	1.867	2.211	-18.4	137	-0.01
23 T	Vinyl Acetate	1.148	1.273	-10.9	127	0.00
24 P	1,1-Dichloroethane	1.151	1.250	-8.6	132	0.00
25 T	2-Butanone	0.416	0.464	-11.5	131	0.00
26 T	2,2-Dichloropropane	0.944	1.032	-9.3	128	0.00
27 T	cis-1,2-Dichloroethene	0.707	0.736	-4.1	124	-0.01
28 T	Bromochloromethane	0.520	0.580	-11.5	123	0.00
29 T	Tetrahydrofuran	0.265	0.292	-10.2	127	0.00
30 C	Chloroform	1.198	1.310	-9.3#	133	-0.01
31 T	Cyclohexane	0.986	0.961	2.5	125	0.00
32 T	1,1,1-Trichloroethane	1.021	1.095	-7.2	126	0.00
33 S	1,2-Dichloroethane-d4	0.675	0.735	-8.9	121	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	123	0.00
35 S	Dibromofluoromethane	0.333	0.334	-0.3	116	0.00
36 T	1,1-Dichloropropene	0.513	0.516	-0.6	122	0.00
37 T	Ethyl Acetate	0.511	0.525	-2.7	125	-0.01
38 T	Carbon Tetrachloride	0.531	0.522	1.7	123	0.00
39 T	Methylcyclohexane	0.506	0.506	0.0	118	0.00
40 TM	Benzene	1.569	1.566	0.2	123	0.00
41 T	Methacrylonitrile	0.258	0.300	-16.3	136	-0.01
42 TM	1,2-Dichloroethane	0.540	0.569	-5.4	133	0.00
43 T	Isopropyl Acetate	0.834	0.880	-5.5	131	0.00
44 TM	Trichloroethene	0.387	0.365	5.7	119	0.00
45 C	1,2-Dichloropropane	0.389	0.428	-10.0#	132	0.00
46 T	Dibromomethane	0.264	0.277	-4.9	127	0.00
47 T	Bromodichloromethane	0.542	0.595	-9.8	131	0.00
48 T	Methyl methacrylate	0.374	0.411	-9.9	131	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	0.008	0.007	12.5	112	0.00
50 S	Toluene-d8	1.221	1.216	0.4	113	0.00
51 T	4-Methyl-2-Pentanone	0.484	0.541	-11.8	132	0.00
52 CM	Toluene	0.964	0.968	-0.4#	122	0.00
53 T	t-1,3-Dichloropropene	0.571	0.608	-6.5	125	0.00
54 T	cis-1,3-Dichloropropene	0.611	0.651	-6.5	126	0.00
55 T	1,1,2-Trichloroethane	0.378	0.398	-5.3	130	0.00
56 T	Ethyl methacrylate	0.534	0.582	-9.0	120	0.00
57 T	1,3-Dichloropropane	0.654	0.686	-4.9	128	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.264	-33.3#	150#	0.00
59 T	2-Hexanone	0.351	0.392	-11.7	129	0.00
60 T	Dibromochloromethane	0.403	0.423	-5.0	125	0.00
61 T	1,2-Dibromoethane	0.378	0.384	-1.6	120	0.00
62 S	4-Bromofluorobenzene	0.390	0.410	-5.1	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	125	0.00
64 T	Tetrachloroethene	0.365	0.316	13.4	115	0.00
65 PM	Chlorobenzene	1.133	1.096	3.3	126	0.00
66 T	1,1,1,2-Tetrachloroethane	0.425	0.416	2.1	126	0.00
67 C	Ethyl Benzene	1.937	2.037	-5.2#	126	0.00
68 T	m/p-Xylenes	0.722	0.769	-6.5	126	0.00
69 T	o-Xylene	0.693	0.745	-7.5	126	0.00
70 T	Styrene	1.114	1.250	-12.2	126	0.00
71 P	Bromoform	0.314	0.299	4.8	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00
73 T	Isopropylbenzene	4.549	4.303	5.4	130	0.00
74 T	N-amyl acetate	1.726	1.717	0.5	129	0.00
75 P	1,1,2,2-Tetrachloroethane	1.694	1.417	16.4	128	0.00
76 T	1,2,3-Trichloropropane	1.348	1.231	8.7	138	0.00
77 T	Bromobenzene	1.152	0.962	16.5	118	0.00
78 T	n-propylbenzene	5.110	5.212	-2.0	135	0.00
79 T	2-Chlorotoluene	3.342	3.063	8.3	130	0.00
80 T	1,3,5-Trimethylbenzene	3.791	3.604	4.9	129	0.00
81 T	trans-1,4-Dichloro-2-butene	0.490	0.431	12.0	121	0.00
82 T	4-Chlorotoluene	3.141	2.996	4.6	129	0.00
83 T	tert-Butylbenzene	3.136	2.952	5.9	126	0.00
84 T	1,2,4-Trimethylbenzene	3.610	3.573	1.0	130	0.00
85 T	sec-Butylbenzene	4.317	4.337	-0.5	135	0.00
86 T	p-Isopropyltoluene	3.449	3.511	-1.8	133	0.00
87 T	1,3-Dichlorobenzene	1.889	1.771	6.2	128	0.00
88 T	1,4-Dichlorobenzene	1.909	1.712	10.3	125	0.00
89 T	n-Butylbenzene	2.712	2.938	-8.3	138	0.00
90 T	Hexachloroethane	0.700	0.674	3.7	136	0.00
91 T	1,2-Dichlorobenzene	1.865	1.709	8.4	127	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.258	0.226	12.4	112	0.00
93 T	1,2,4-Trichlorobenzene	0.670	0.613	8.5	104	0.00
94 T	Hexachlorobutadiene	0.527	0.404	23.3	118	0.00
95 T	Naphthalene	1.991	1.608	19.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.791	0.643	18.7	105	0.00

(#) = Out of Range

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