

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077119.D
 Acq On : 22 Mar 2023 20:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 23:30:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 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	132	0.00
2 T	Dichlorodifluoromethane	0.566	0.215	62.0#	59	0.00
3 P	Chloromethane	0.504	0.160	68.3#	45#	0.00
4 C	Vinyl Chloride	0.544	0.284	47.8#	72	0.00
5 T	Bromomethane	0.367	0.240	34.6#	86	0.00
6 T	Chloroethane	0.344	0.372	-8.1	157#	0.00
7 T	Trichlorofluoromethane	1.170	1.061	9.3	125	0.00
8 T	Diethyl Ether	0.440	0.516	-17.3	156#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.664	0.603	9.2	129	0.00
10 T	Methyl Iodide	0.747	0.821	-9.9	142	0.00
11 T	Tert butyl alcohol	0.116	0.135	-16.4	152#	0.00
12 CM	1,1-Dichloroethene	0.607	0.589	3.0#	131	0.00
13 T	Acrolein	0.144	0.164	-13.9	154#	0.00
14 T	Allyl chloride	1.111	1.024	7.8	121	0.00
15 T	Acrylonitrile	0.391	0.428	-9.5	145	0.00
16 T	Acetone	0.356	0.337	5.3	132	0.00
17 T	Carbon Disulfide	1.770	1.488	15.9	117	0.00
18 T	Methyl Acetate	1.342	1.425	-6.2	143	0.00
19 T	Methyl tert-butyl Ether	2.179	2.417	-10.9	147	0.00
20 T	Methylene Chloride	0.772	0.812	-5.2	151#	0.00
21 T	trans-1,2-Dichloroethene	0.658	0.635	3.5	131	0.00
22 T	Diisopropyl ether	2.435	2.541	-4.4	135	0.00
23 T	Vinyl Acetate	1.536	1.613	-5.0	134	0.00
24 P	1,1-Dichloroethane	1.393	1.358	2.5	135	0.00
25 T	2-Butanone	0.521	0.531	-1.9	133	0.00
26 T	2,2-Dichloropropane	1.048	0.860	17.9	108	0.00
27 T	cis-1,2-Dichloroethene	0.754	0.796	-5.6	139	0.00
28 T	Bromochloromethane	0.605	0.584	3.5	138	0.00
29 T	Tetrahydrofuran	0.337	0.358	-6.2	136	0.00
30 C	Chloroform	1.352	1.342	0.7#	137	0.00
31 T	Cyclohexane	1.307	1.028	21.3	109	0.00
32 T	1,1,1-Trichloroethane	1.156	1.044	9.7	121	0.00
33 S	1,2-Dichloroethane-d4	0.799	0.815	-2.0	137	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
35 S	Dibromofluoromethane	0.350	0.369	-5.4	142	0.00
36 T	1,1-Dichloropropene	0.547	0.515	5.9	119	0.00
37 T	Ethyl Acetate	0.585	0.621	-6.2	137	0.00
38 T	Carbon Tetrachloride	0.533	0.496	6.9	119	0.00
39 T	Methylcyclohexane	0.640	0.563	12.0	105	0.00
40 TM	Benzene	1.659	1.664	-0.3	130	0.00
41 T	Methacrylonitrile	0.315	0.353	-12.1	145	0.00
42 TM	1,2-Dichloroethane	0.599	0.612	-2.2	135	0.00
43 T	Isopropyl Acetate	0.914	0.980	-7.2	131	0.00
44 TM	Trichloroethene	0.381	0.353	7.3	123	0.00
45 C	1,2-Dichloropropane	0.441	0.432	2.0#	126	0.00
46 T	Dibromomethane	0.278	0.271	2.5	128	0.00
47 T	Bromodichloromethane	0.583	0.522	10.5	117	0.00
48 T	Methyl methacrylate	0.437	0.450	-3.0	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	139	0.00
50 S	Toluene-d8	1.251	0.663	47.0#	66	0.00
51 T	4-Methyl-2-Pentanone	0.569	0.335	41.1#	72	0.00
52 CM	Toluene	0.990	0.455	54.0#	57	0.00
53 T	t-1,3-Dichloropropene	0.571	0.159	72.2#	33#	0.00
54 T	cis-1,3-Dichloropropene	0.644	0.522	18.9	99	0.00
55 T	1,1,2-Trichloroethane	0.391	0.107	72.6#	35#	0.00
56 T	Ethyl methacrylate	0.587	0.170	71.0#	34#	0.00
57 T	1,3-Dichloropropane	0.715	0.191	73.3#	35#	0.00
58 T	2-Chloroethyl Vinyl ether	0.250	0.209	16.4	99	0.00
59 T	2-Hexanone	0.413	0.119	71.2#	35#	0.00
60 T	Dibromochloromethane	0.392	0.108	72.4#	34#	0.00
61 T	1,2-Dibromoethane	0.387	0.102	73.6#	34#	0.00
62 S	4-Bromofluorobenzene	0.442	0.101	77.1#	27#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	32#	0.00
64 T	Tetrachloroethene	0.336	0.310	7.7	30#	0.00
65 PM	Chlorobenzene	1.150	1.172	-1.9	33#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.426	0.422	0.9	32#	0.00
67 C	Ethyl Benzene	2.090	2.109	-0.9#	31#	0.00
68 T	m/p-Xylenes	0.775	0.802	-3.5	31#	0.00
69 T	o-Xylene	0.770	0.800	-3.9	32#	0.00
70 T	Styrene	1.199	1.328	-10.8	32#	0.00
71 P	Bromoform	0.288	0.315	-9.4	33#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	32#	0.00
73 T	Isopropylbenzene	4.481	4.297	4.1	30#	0.00
74 T	N-amyl acetate	1.939	2.134	-10.1	33#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.623	1.592	1.9	34#	0.00
76 T	1,2,3-Trichloropropane	1.293	1.214	6.1	29#	0.00
77 T	Bromobenzene	1.004	0.947	5.7	32#	0.00
78 T	n-propylbenzene	5.173	5.054	2.3	29#	0.00
79 T	2-Chlorotoluene	3.296	2.999	9.0	29#	0.00
80 T	1,3,5-Trimethylbenzene	3.741	3.598	3.8	29#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.470	0.517	-10.0	35#	0.00
82 T	4-Chlorotoluene	3.134	2.890	7.8	29#	0.00
83 T	tert-Butylbenzene	3.141	3.006	4.3	29#	0.00
84 T	1,2,4-Trimethylbenzene	3.733	3.741	-0.2	30#	0.00
85 T	sec-Butylbenzene	4.468	4.475	-0.2	30#	0.00
86 T	p-Isopropyltoluene	3.588	3.705	-3.3	30#	0.00
87 T	1,3-Dichlorobenzene	1.897	1.835	3.3	32#	0.00
88 T	1,4-Dichlorobenzene	1.887	1.800	4.6	32#	0.00
89 T	n-Butylbenzene	3.148	3.187	-1.2	29#	0.00
90 T	Hexachloroethane	0.730	0.645	11.6	29#	0.00
91 T	1,2-Dichlorobenzene	1.891	1.826	3.4	32#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.301	0.269	10.6	28#	0.00
93 T	1,2,4-Trichlorobenzene	0.855	0.862	-0.8	28#	0.00
94 T	Hexachlorobutadiene	0.471	0.411	12.7	28#	0.00
95 T	Naphthalene	2.729	3.068	-12.4	29#	0.00

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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)
96 T	1,2,3-Trichlorobenzene	0.858	0.876	-2.1	30#	0.00

(#) = Out of Range

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