

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077574.D
 Acq On : 03 May 2023 19:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 04:57:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 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	109	0.00
2 T	Dichlorodifluoromethane	0.598	0.583	2.5	102	0.00
3 P	Chloromethane	0.501	0.407	18.8	94	0.00
4 C	Vinyl Chloride	0.668	0.610	8.7#	102	0.00
5 T	Bromomethane	0.578	0.474	18.0	96	-0.01
6 T	Chloroethane	0.507	0.403	20.5	95	0.00
7 T	Trichlorofluoromethane	0.981	0.939	4.3	107	-0.01
8 T	Diethyl Ether	0.357	0.346	3.1	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.571	0.531	7.0	107	0.00
10 T	Methyl Iodide	0.701	0.683	2.6	105	0.00
11 T	Tert butyl alcohol	0.105	0.096	8.6	107	0.01
12 CM	1,1-Dichloroethene	0.558	0.509	8.8#	106	0.00
13 T	Acrolein	0.104	0.096	7.7	111	0.00
14 T	Allyl chloride	0.620	0.506	18.4	87	0.00
15 T	Acrylonitrile	0.238	0.234	1.7	112	0.00
16 T	Acetone	0.208	0.167	19.7	98	0.00
17 T	Carbon Disulfide	1.418	1.092	23.0	88	0.00
18 T	Methyl Acetate	0.802	0.772	3.7	112	0.00
19 T	Methyl tert-butyl Ether	1.856	1.862	-0.3	114	0.00
20 T	Methylene Chloride	0.658	0.602	8.5	107	0.00
21 T	trans-1,2-Dichloroethene	0.603	0.555	8.0	106	0.00
22 T	Diisopropyl ether	1.424	1.320	7.3	105	0.00
23 T	Vinyl Acetate	0.889	0.809	9.0	100	0.00
24 P	1,1-Dichloroethane	1.008	0.956	5.2	106	0.00
25 T	2-Butanone	0.294	0.270	8.2	106	0.00
26 T	2,2-Dichloropropane	0.977	0.883	9.6	101	0.00
27 T	cis-1,2-Dichloroethene	0.715	0.704	1.5	113	0.00
28 T	Bromochloromethane	0.385	0.370	3.9	98	0.00
29 T	Tetrahydrofuran	0.184	0.171	7.1	106	0.00
30 C	Chloroform	1.136	1.156	-1.8#	115	0.00
31 T	Cyclohexane	0.924	0.747	19.2	96	0.00
32 T	1,1,1-Trichloroethane	1.044	1.073	-2.8	112	0.00
33 S	1,2-Dichloroethane-d4	0.652	0.629	3.5	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.301	0.303	-0.7	116	0.00
36 T	1,1-Dichloropropene	0.434	0.411	5.3	106	0.00
37 T	Ethyl Acetate	0.330	0.292	11.5	104	0.00
38 T	Carbon Tetrachloride	0.479	0.478	0.2	111	0.00
39 T	Methylcyclohexane	0.572	0.535	6.5	103	0.00
40 TM	Benzene	1.323	1.284	2.9	110	0.00
41 T	Methacrylonitrile	0.172	0.158	8.1	104	0.00
42 TM	1,2-Dichloroethane	0.454	0.428	5.7	108	0.00
43 T	Isopropyl Acetate	0.571	0.566	0.9	112	0.00
44 TM	Trichloroethene	0.339	0.336	0.9	112	0.00
45 C	1,2-Dichloropropane	0.310	0.297	4.2#	108	0.00
46 T	Dibromomethane	0.251	0.242	3.6	112	0.00
47 T	Bromodichloromethane	0.486	0.492	-1.2	113	0.00
48 T	Methyl methacrylate	0.260	0.231	11.2	103	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)
49 T	1,4-Dioxane	0.007	0.007	0.0	124	0.00
50 S	Toluene-d8	1.152	1.171	-1.6	112	0.00
51 T	4-Methyl-2-Pentanone	0.335	0.314	6.3	109	0.00
52 CM	Toluene	0.866	0.890	-2.8#	112	0.00
53 T	t-1,3-Dichloropropene	0.492	0.515	-4.7	112	0.00
54 T	cis-1,3-Dichloropropene	0.536	0.536	0.0	108	0.00
55 T	1,1,2-Trichloroethane	0.348	0.353	-1.4	115	0.00
56 T	Ethyl methacrylate	0.488	0.509	-4.3	116	0.00
57 T	1,3-Dichloropropane	0.555	0.571	-2.9	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.180	-9.1	112	0.00
59 T	2-Hexanone	0.243	0.228	6.2	109	0.00
60 T	Dibromochloromethane	0.362	0.387	-6.9	116	0.00
61 T	1,2-Dibromoethane	0.356	0.373	-4.8	119	0.00
62 S	4-Bromofluorobenzene	0.377	0.413	-9.5	118	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64 T	Tetrachloroethene	0.299	0.281	6.0	107	0.00
65 PM	Chlorobenzene	1.058	1.034	2.3	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.384	0.3	117	0.00
67 C	Ethyl Benzene	1.863	1.864	-0.1#	113	0.00
68 T	m/p-Xylenes	0.724	0.728	-0.6	113	0.00
69 T	o-Xylene	0.712	0.742	-4.2	116	0.00
70 T	Styrene	1.114	1.202	-7.9	117	0.00
71 P	Bromoform	0.252	0.264	-4.8	116	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	4.640	4.589	1.1	115	0.00
74 T	N-amyl acetate	1.374	1.179	14.2	103	0.00
75 P	1,1,2,2-Tetrachloroethane	1.458	1.354	7.1	117	0.00
76 T	1,2,3-Trichloropropane	1.163	1.152	0.9	121	0.00
77 T	Bromobenzene	1.011	0.964	4.6	117	0.00
78 T	n-propylbenzene	5.130	5.126	0.1	112	0.00
79 T	2-Chlorotoluene	3.163	3.096	2.1	114	0.00
80 T	1,3,5-Trimethylbenzene	3.446	3.827	-11.1	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.412	0.457	-10.9	126	0.00
82 T	4-Chlorotoluene	2.956	2.966	-0.3	114	0.00
83 T	tert-Butylbenzene	3.346	3.313	1.0	116	0.00
84 T	1,2,4-Trimethylbenzene	3.218	3.701	-15.0	114	0.00
85 T	sec-Butylbenzene	4.593	4.760	-3.6	116	0.00
86 T	p-Isopropyltoluene	3.534	3.741	-5.9	113	0.00
87 T	1,3-Dichlorobenzene	1.798	1.744	3.0	114	0.00
88 T	1,4-Dichlorobenzene	1.776	1.735	2.3	113	0.00
89 T	n-Butylbenzene	2.735	3.098	-13.3	112	0.00
90 T	Hexachloroethane	0.781	0.724	7.3	110	0.00
91 T	1,2-Dichlorobenzene	1.784	1.744	2.2	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.266	1.5	122	0.00
93 T	1,2,4-Trichlorobenzene	0.475	0.643	-35.4#	122	0.02
94 T	Hexachlorobutadiene	0.360	0.349	3.1	110	0.04
95 T	Naphthalene	1.725	3.300	-91.3#	165#	0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.467	0.606	-29.8#	123	0.09

(#) = Out of Range

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