

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072068.D
 Acq On : 20 Apr 2022 10:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 20 15:33:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 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	95	0.00
2 T	Dichlorodifluoromethane	0.398	0.532	-33.7#	121	0.00
3 P	Chloromethane	0.504	0.561	-11.3	110	0.00
4 C	Vinyl Chloride	0.553	0.560	-1.3#	94	0.00
5 T	Bromomethane	0.360	0.358	0.6	92	-0.01
6 T	Chloroethane	0.398	0.371	6.8	88	0.00
7 T	Trichlorofluoromethane	0.704	0.800	-13.6	106	0.00
8 T	Diethyl Ether	0.297	0.339	-14.1	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.434	0.503	-15.9	109	0.00
10 T	Methyl Iodide	0.606	0.681	-12.4	102	0.00
11 T	Tert butyl alcohol	0.093	0.088	5.4	83	0.00
12 CM	1,1-Dichloroethene	0.413	0.477	-15.5#	108	0.00
13 T	Acrolein	0.113	0.082	27.4#	64	0.00
14 T	Allyl chloride	0.670	0.713	-6.4	97	0.00
15 T	Acrylonitrile	0.269	0.296	-10.0	97	0.00
16 T	Acetone	0.244	0.244	0.0	99	0.00
17 T	Carbon Disulfide	0.947	1.144	-20.8	118	0.00
18 T	Methyl Acetate	0.737	0.638	13.4	96	0.00
19 T	Methyl tert-butyl Ether	1.533	1.685	-9.9	99	0.00
20 T	Methylene Chloride	0.514	0.563	-9.5	105	0.00
21 T	trans-1,2-Dichloroethene	0.453	0.511	-12.8	107	0.00
22 T	Diisopropyl ether	1.458	1.567	-7.5	98	0.00
23 T	Vinyl Acetate	1.160	1.320	-13.8	95	0.00
24 P	1,1-Dichloroethane	0.856	0.945	-10.4	101	0.00
25 T	2-Butanone	0.352	0.369	-4.8	95	0.00
26 T	2,2-Dichloropropane	0.735	0.799	-8.7	98	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.628	-12.9	104	0.00
28 T	Bromochloromethane	0.345	0.307	11.0	92	0.00
29 T	Tetrahydrofuran	0.228	0.237	-3.9	91	0.00
30 C	Chloroform	0.904	0.982	-8.6#	100	0.00
31 T	Cyclohexane	0.776	0.861	-11.0	109	0.00
32 T	1,1,1-Trichloroethane	0.773	0.839	-8.5	100	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.501	12.3	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.294	0.301	-2.4	91	0.00
36 T	1,1-Dichloropropene	0.411	0.482	-17.3	104	0.00
37 T	Ethyl Acetate	0.450	0.497	-10.4	92	0.00
38 T	Carbon Tetrachloride	0.403	0.473	-17.4	102	0.00
39 T	Methylcyclohexane	0.489	0.617	-26.2#	108	0.00
40 TM	Benzene	1.298	1.518	-16.9	105	0.00
41 T	Methacrylonitrile	0.220	0.270	-22.7	105	0.00
42 TM	1,2-Dichloroethane	0.449	0.481	-7.1	96	0.00
43 T	Isopropyl Acetate	0.748	0.784	-4.8	96	0.00
44 TM	Trichloroethene	0.334	0.395	-18.3	103	0.00
45 C	1,2-Dichloropropane	0.324	0.372	-14.8#	101	0.00
46 T	Dibromomethane	0.220	0.252	-14.5	101	0.00
47 T	Bromodichloromethane	0.433	0.504	-16.4	99	0.00
48 T	Methyl methacrylate	0.310	0.358	-15.5	98	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	81	0.00
50 S	Toluene-d8	1.204	1.159	3.7	86	0.00
51 T	4-Methyl-2-Pentanone	0.430	0.484	-12.6	92	0.00
52 CM	Toluene	0.820	0.985	-20.1#	104	0.00
53 T	t-1,3-Dichloropropene	0.454	0.549	-20.9	99	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.611	-21.7	101	0.00
55 T	1,1,2-Trichloroethane	0.338	0.388	-14.8	101	0.00
56 T	Ethyl methacrylate	0.482	0.597	-23.9	100	0.00
57 T	1,3-Dichloropropane	0.565	0.648	-14.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.111	0.179	-61.3#	115	0.00
59 T	2-Hexanone	0.303	0.350	-15.5	92	0.00
60 T	Dibromochloromethane	0.329	0.404	-22.8	101	0.00
61 T	1,2-Dibromoethane	0.332	0.393	-18.4	102	0.00
62 S	4-Bromofluorobenzene	0.389	0.404	-3.9	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.330	0.381	-15.5	106	0.00
65 PM	Chlorobenzene	1.001	1.136	-13.5	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.412	-14.1	100	0.00
67 C	Ethyl Benzene	1.695	2.004	-18.2#	100	0.00
68 T	m/p-Xylenes	0.651	0.795	-22.1	102	0.00
69 T	o-Xylene	0.646	0.786	-21.7	102	0.00
70 T	Styrene	0.979	1.277	-30.4#	104	0.00
71 P	Bromoform	0.275	0.344	-25.1#	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	4.213	4.520	-7.3	101	0.00
74 T	N-amyl acetate	1.207	1.302	-7.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.406	1.418	-0.9	98	0.00
76 T	1,2,3-Trichloropropane	1.158	1.209	-4.4	101	0.00
77 T	Bromobenzene	1.056	1.113	-5.4	102	0.00
78 T	n-propylbenzene	4.432	5.002	-12.9	102	0.00
79 T	2-Chlorotoluene	2.842	3.061	-7.7	102	0.00
80 T	1,3,5-Trimethylbenzene	3.338	3.696	-10.7	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.374	0.424	-13.4	98	0.00
82 T	4-Chlorotoluene	2.635	2.914	-10.6	102	0.00
83 T	tert-Butylbenzene	3.052	3.331	-9.1	100	0.00
84 T	1,2,4-Trimethylbenzene	3.257	3.656	-12.3	103	0.00
85 T	sec-Butylbenzene	3.956	4.477	-13.2	101	0.00
86 T	p-Isopropyltoluene	3.154	3.764	-19.3	104	0.00
87 T	1,3-Dichlorobenzene	1.683	1.881	-11.8	103	0.00
88 T	1,4-Dichlorobenzene	1.642	1.831	-11.5	103	0.00
89 T	n-Butylbenzene	2.339	2.713	-16.0	99	0.00
90 T	Hexachloroethane	0.577	0.633	-9.7	98	0.00
91 T	1,2-Dichlorobenzene	1.652	1.755	-6.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.218	0.225	-3.2	90	0.00
93 T	1,2,4-Trichlorobenzene	0.649	0.869	-33.9#	103	0.00
94 T	Hexachlorobutadiene	0.487	0.532	-9.2	104	0.00
95 T	Naphthalene	1.586	2.356	-48.5#	101	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.604	0.837	-38.6#	102	0.00

(#) = Out of Range

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