

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083008.D
 Acq On : 22 Jul 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 23 08:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 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	53	0.00
2 T	Dichlorodifluoromethane	0.647	0.603	6.8	48#	0.00
3 P	Chloromethane	0.614	0.494	19.5	45#	0.00
4 C	Vinyl Chloride	0.645	0.641	0.6#	53	0.00
5 T	Bromomethane	0.465	0.418	10.1	51	-0.02
6 T	Chloroethane	0.441	0.511	-15.9	64	-0.01
7 T	Trichlorofluoromethane	0.927	0.940	-1.4	57	-0.01
8 T	Diethyl Ether	0.317	0.325	-2.5	52	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.525	0.564	-7.4	57	-0.02
10 T	Methyl Iodide	0.538	0.497	7.6	45#	0.00
11 T	Tert butyl alcohol	0.118	0.115	2.5	53	0.01
12 CM	1,1-Dichloroethene	0.510	0.516	-1.2#	54	0.00
13 T	Acrolein	0.085	0.082	3.5	53	0.00
14 T	Allyl chloride	0.796	0.802	-0.8	57	0.00
15 T	Acrylonitrile	0.271	0.308	-13.7	62	0.00
16 T	Acetone	0.247	0.256	-3.6	58	0.00
17 T	Carbon Disulfide	1.525	1.252	17.9	46#	0.00
18 T	Methyl Acetate	0.653	0.911	-39.5#	79	0.00
19 T	Methyl tert-butyl Ether	1.761	1.875	-6.5	56	0.00
20 T	Methylene Chloride	0.596	0.610	-2.3	58	0.00
21 T	trans-1,2-Dichloroethene	0.553	0.538	2.7	54	0.00
22 T	Diisopropyl ether	1.665	1.879	-12.9	60	0.00
23 T	Vinyl Acetate	1.322	1.408	-6.5	55	0.00
24 P	1,1-Dichloroethane	1.010	1.103	-9.2	59	0.00
25 T	2-Butanone	0.373	0.419	-12.3	61	0.00
26 T	2,2-Dichloropropane	0.939	0.954	-1.6	53	0.00
27 T	cis-1,2-Dichloroethene	0.647	0.674	-4.2	56	0.00
28 T	Bromochloromethane	0.433	0.505	-16.6	66	0.00
29 T	Tetrahydrofuran	0.235	0.269	-14.5	62	0.00
30 C	Chloroform	1.071	1.192	-11.3#	61	0.00
31 T	Cyclohexane	0.916	0.801	12.6	51	0.00
32 T	1,1,1-Trichloroethane	0.995	1.064	-6.9	58	0.00
33 S	1,2-Dichloroethane-d4	0.701	0.731	-4.3	58	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	55	0.00
35 S	Dibromofluoromethane	0.321	0.332	-3.4	57	0.00
36 T	1,1-Dichloropropene	0.442	0.459	-3.8	55	0.00
37 T	Ethyl Acetate	0.450	0.489	-8.7	60	0.00
38 T	Carbon Tetrachloride	0.533	0.542	-1.7	55	0.00
39 T	Methylcyclohexane	0.478	0.429	10.3	47#	0.00
40 TM	Benzene	1.361	1.434	-5.4	58	0.00
41 T	Methacrylonitrile	0.243	0.259	-6.6	59	0.00
42 TM	1,2-Dichloroethane	0.490	0.542	-10.6	61	0.00
43 T	Isopropyl Acetate	1.386	0.852	38.5#	55	0.00
44 TM	Trichloroethene	0.349	0.338	3.2	53	0.00
45 C	1,2-Dichloropropane	0.318	0.363	-14.2#	61	0.00
46 T	Dibromomethane	0.247	0.276	-11.7	60	0.00
47 T	Bromodichloromethane	0.511	0.576	-12.7	62	0.00
48 T	Methyl methacrylate	0.353	0.400	-13.3	61	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	0.009	-28.6#	62	0.00
50 S	Toluene-d8	1.185	1.235	-4.2	56	0.00
51 T	4-Methyl-2-Pentanone	0.446	0.541	-21.3	65	0.00
52 CM	Toluene	0.850	0.924	-8.7#	57	0.00
53 T	t-1,3-Dichloropropene	0.527	0.570	-8.2	57	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.583	-4.5	57	0.00
55 T	1,1,2-Trichloroethane	0.313	0.377	-20.4	64	0.00
56 T	Ethyl methacrylate	0.486	0.583	-20.0	60	0.00
57 T	1,3-Dichloropropane	0.553	0.625	-13.0	61	0.00
58 T	2-Chloroethyl Vinyl ether	0.250	0.320	-28.0#	65	0.00
59 T	2-Hexanone	0.332	0.415	-25.0	65	0.00
60 T	Dibromochloromethane	0.398	0.448	-12.6	60	0.00
61 T	1,2-Dibromoethane	0.332	0.368	-10.8	59	0.00
62 S	4-Bromofluorobenzene	0.426	0.414	2.8	53	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.373	0.339	9.1	53	0.00
65 PM	Chlorobenzene	1.071	1.099	-2.6	58	0.00
66 T	1,1,1,2-Tetrachloroethane	0.381	0.406	-6.6	60	0.00
67 C	Ethyl Benzene	1.801	1.876	-4.2#	57	0.00
68 T	m/p-Xylenes	0.680	0.730	-7.4	57	0.00
69 T	o-Xylene	0.651	0.703	-8.0	58	0.00
70 T	Styrene	1.076	1.236	-14.9	59	0.00
71 P	Bromoform	0.300	0.330	-10.0	59	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	3.633	3.523	3.0	56	0.00
74 T	N-amyl acetate	1.503	1.593	-6.0	61	0.00
75 P	1,1,2,2-Tetrachloroethane	1.088	1.194	-9.7	68	0.00
76 T	1,2,3-Trichloropropane	0.862	1.089	-26.3#	77	0.00
77 T	Bromobenzene	0.937	0.914	2.5	60	0.00
78 T	n-propylbenzene	4.177	4.250	-1.7	59	0.00
79 T	2-Chlorotoluene	2.662	2.610	2.0	59	0.00
80 T	1,3,5-Trimethylbenzene	2.937	2.974	-1.3	58	0.00
81 T	trans-1,4-Dichloro-2-butene	0.438	0.498	-13.7	62	0.00
82 T	4-Chlorotoluene	2.635	2.611	0.9	60	0.00
83 T	tert-Butylbenzene	2.604	2.514	3.5	56	0.00
84 T	1,2,4-Trimethylbenzene	2.993	3.074	-2.7	58	0.00
85 T	sec-Butylbenzene	3.518	3.447	2.0	56	0.00
86 T	p-Isopropyltoluene	2.935	2.911	0.8	56	0.00
87 T	1,3-Dichlorobenzene	1.693	1.684	0.5	60	0.00
88 T	1,4-Dichlorobenzene	1.751	1.663	5.0	59	0.00
89 T	n-Butylbenzene	2.515	2.416	3.9	56	0.00
90 T	Hexachloroethane	0.621	0.607	2.3	59	0.00
91 T	1,2-Dichlorobenzene	1.644	1.625	1.2	61	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.252	0.239	5.2	59	0.00
93 T	1,2,4-Trichlorobenzene	0.886	0.785	11.4	52	0.00
94 T	Hexachlorobutadiene	0.393	0.331	15.8	52	0.00
95 T	Naphthalene	3.033	2.819	7.1	54	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.911	0.816	10.4	54	0.00

(#) = Out of Range

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