

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074424.D
 Acq On : 13 Sep 2022 11:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 13 17:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 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	57	0.00
2 T	Dichlorodifluoromethane	0.648	0.565	12.8	54	0.00
3 P	Chloromethane	0.914	0.797	12.8	57	0.00
4 C	Vinyl Chloride	1.083	1.115	-3.0#	64	0.00
5 T	Bromomethane	0.756	0.880	-16.4	70	0.00
6 T	Chloroethane	0.801	0.866	-8.1	71	-0.01
7 T	Trichlorofluoromethane	1.069	1.638	-53.2#	95	-0.01
8 T	Diethyl Ether	0.451	0.409	9.3	57	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.641	0.620	3.3	62	0.00
10 T	Methyl Iodide	0.740	0.700	5.4	55	0.00
11 T	Tert butyl alcohol	0.226	0.220	2.7	57	0.00
12 CM	1,1-Dichloroethene	0.623	0.543	12.8#	54	0.00
13 T	Acrolein	0.150	0.166	-10.7	67	0.00
14 T	Allyl chloride	1.367	1.275	6.7	57	-0.01
15 T	Acrylonitrile	0.518	0.546	-5.4	61	0.00
16 T	Acetone	0.467	0.490	-4.9	64	0.00
17 T	Carbon Disulfide	1.694	1.576	7.0	57	0.00
18 T	Methyl Acetate	1.377	1.398	-1.5	62	0.00
19 T	Methyl tert-butyl Ether	2.509	2.400	4.3	58	0.00
20 T	Methylene Chloride	0.806	0.714	11.4	58	-0.01
21 T	trans-1,2-Dichloroethene	0.698	0.617	11.6	56	-0.01
22 T	Diisopropyl ether	2.753	2.805	-1.9	60	0.00
23 T	Vinyl Acetate	2.457	2.573	-4.7	59	0.00
24 P	1,1-Dichloroethane	1.414	1.369	3.2	59	0.00
25 T	2-Butanone	0.784	0.850	-8.4	62	0.00
26 T	2,2-Dichloropropane	1.280	1.097	14.3	54	0.00
27 T	cis-1,2-Dichloroethene	0.860	0.740	14.0	54	0.00
28 T	Bromochloromethane	0.503	0.437	13.1	58	0.00
29 T	Tetrahydrofuran	0.518	0.563	-8.7	63	0.00
30 C	Chloroform	1.412	1.427	-1.1#	59	0.00
31 T	Cyclohexane	1.376	1.310	4.8	60	0.00
32 T	1,1,1-Trichloroethane	1.267	1.229	3.0	57	0.00
33 S	1,2-Dichloroethane-d4	0.865	0.862	0.3	58	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	56	0.00
35 S	Dibromofluoromethane	0.338	0.350	-3.6	58	0.00
36 T	1,1-Dichloropropene	0.556	0.571	-2.7	59	0.00
37 T	Ethyl Acetate	0.807	0.895	-10.9	63	0.00
38 T	Carbon Tetrachloride	0.574	0.566	1.4	55	0.00
39 T	Methylcyclohexane	0.705	0.686	2.7	57	0.00
40 TM	Benzene	1.703	1.754	-3.0	58	0.00
41 T	Methacrylonitrile	0.400	0.416	-4.0	54	0.00
42 TM	1,2-Dichloroethane	0.651	0.681	-4.6	61	0.00
43 T	Isopropyl Acetate	1.319	1.391	-5.5	59	0.00
44 TM	Trichloroethene	0.382	0.382	0.0	57	0.00
45 C	1,2-Dichloropropane	0.452	0.462	-2.2#	59	0.00
46 T	Dibromomethane	0.309	0.322	-4.2	59	0.00
47 T	Bromodichloromethane	0.617	0.642	-4.1	59	0.00
48 T	Methyl methacrylate	0.581	0.653	-12.4	66	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	0.012	0.013	-8.3	60	0.00
50 S	Toluene-d8	1.315	1.378	-4.8	58	0.00
51 T	4-Methyl-2-Pentanone	0.863	1.002	-16.1	64	0.00
52 CM	Toluene	1.053	1.092	-3.7#	56	0.00
53 T	t-1,3-Dichloropropene	0.680	0.724	-6.5	57	0.00
54 T	cis-1,3-Dichloropropene	0.725	0.732	-1.0	57	0.00
55 T	1,1,2-Trichloroethane	0.434	0.442	-1.8	57	0.00
56 T	Ethyl methacrylate	0.737	0.812	-10.2	58	0.00
57 T	1,3-Dichloropropane	0.759	0.810	-6.7	59	0.00
58 T	2-Chloroethyl Vinyl ether	0.343	0.347	-1.2	57	0.00
59 T	2-Hexanone	0.666	0.798	-19.8	65	0.00
60 T	Dibromochloromethane	0.439	0.473	-7.7	56	0.00
61 T	1,2-Dibromoethane	0.447	0.471	-5.4	58	0.00
62 S	4-Bromofluorobenzene	0.478	0.515	-7.7	58	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	57	0.00
64 T	Tetrachloroethene	0.339	0.314	7.4	55	0.00
65 PM	Chlorobenzene	1.206	1.189	1.4	57	0.00
66 T	1,1,1,2-Tetrachloroethane	0.471	0.437	7.2	55	0.00
67 C	Ethyl Benzene	2.277	2.270	0.3#	57	0.00
68 T	m/p-Xylenes	0.856	0.868	-1.4	57	0.00
69 T	o-Xylene	0.861	0.856	0.6	56	0.00
70 T	Styrene	1.368	1.441	-5.3	56	0.00
71 P	Bromoform	0.353	0.346	2.0	52	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73 T	Isopropylbenzene	4.804	4.490	6.5	57	0.00
74 T	N-amyl acetate	2.797	2.717	2.9	62	0.00
75 P	1,1,2,2-Tetrachloroethane	1.805	1.686	6.6	60	0.00
76 T	1,2,3-Trichloropropane	1.307	1.326	-1.5	58	0.00
77 T	Bromobenzene	1.031	0.943	8.5	56	0.00
78 T	n-propylbenzene	5.503	5.468	0.6	58	0.00
79 T	2-Chlorotoluene	3.355	3.173	5.4	57	0.00
80 T	1,3,5-Trimethylbenzene	3.985	3.838	3.7	57	0.00
81 T	trans-1,4-Dichloro-2-butene	0.586	0.552	5.8	55	0.00
82 T	4-Chlorotoluene	3.237	3.133	3.2	57	0.00
83 T	tert-Butylbenzene	3.588	3.327	7.3	56	0.00
84 T	1,2,4-Trimethylbenzene	3.950	3.873	1.9	58	0.00
85 T	sec-Butylbenzene	4.883	4.895	-0.2	58	0.00
86 T	p-Isopropyltoluene	3.908	3.905	0.1	57	0.00
87 T	1,3-Dichlorobenzene	1.907	1.860	2.5	58	0.00
88 T	1,4-Dichlorobenzene	1.926	1.851	3.9	57	0.00
89 T	n-Butylbenzene	3.326	3.547	-6.6	59	0.00
90 T	Hexachloroethane	0.826	0.732	11.4	53	0.00
91 T	1,2-Dichlorobenzene	2.005	1.836	8.4	55	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.491	0.415	15.5	56	0.00
93 T	1,2,4-Trichlorobenzene	0.999	0.927	7.2	54	0.00
94 T	Hexachlorobutadiene	0.453	0.382	15.7	52	0.00
95 T	Naphthalene	3.909	3.708	5.1	53	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	1.034	0.927	10.3	53	0.00

(#) = Out of Range

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