

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080079.D
 Acq On : 14 Nov 2023 10:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 15 03:54:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 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	62	0.00
2 T	Dichlorodifluoromethane	0.602	0.611	-1.5	61	0.00
3 P	Chloromethane	0.837	0.448	46.5#	37#	0.00
4 C	Vinyl Chloride	0.788	0.774	1.8#	60	0.00
5 T	Bromomethane	0.479	0.270	43.6#	36#	0.00
6 T	Chloroethane	0.623	0.334	46.4#	35#	0.00
7 T	Trichlorofluoromethane	0.981	1.052	-7.2	67	0.00
8 T	Diethyl Ether	0.372	0.323	13.2	52	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.568	0.533	6.2	60	0.00
10 T	Methyl Iodide	0.649	0.562	13.4	50	0.00
11 T	Tert butyl alcohol	0.097	0.077	20.6	51	0.00
12 CM	1,1-Dichloroethene	0.538	0.473	12.1#	54	-0.01
13 T	Acrolein	0.080	0.050	37.5#	39#	0.00
14 T	Allyl chloride	0.824	0.650	21.1	49#	0.00
15 T	Acrylonitrile	0.303	0.246	18.8	51	0.00
16 T	Acetone	0.268	0.238	11.2	59	-0.01
17 T	Carbon Disulfide	1.552	1.102	29.0#	45#	0.00
18 T	Methyl Acetate	1.280	0.939	26.6#	48#	0.00
19 T	Methyl tert-butyl Ether	1.853	1.871	-1.0	61	0.00
20 T	Methylene Chloride	0.675	0.584	13.5	56	0.00
21 T	trans-1,2-Dichloroethene	0.600	0.517	13.8	54	0.00
22 T	Diisopropyl ether	1.910	1.682	11.9	52	0.00
23 T	Vinyl Acetate	1.054	0.869	17.6	48#	0.00
24 P	1,1-Dichloroethane	1.161	1.083	6.7	58	0.00
25 T	2-Butanone	0.392	0.315	19.6	49#	0.00
26 T	2,2-Dichloropropane	0.960	1.038	-8.1	65	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.642	10.6	56	0.00
28 T	Bromochloromethane	0.566	0.528	6.7	58	0.00
29 T	Tetrahydrofuran	0.255	0.186	27.1#	44#	0.00
30 C	Chloroform	1.261	1.237	1.9#	65	0.00
31 T	Cyclohexane	1.007	0.745	26.0#	48#	0.00
32 T	1,1,1-Trichloroethane	1.028	1.153	-12.2	70	0.00
33 S	1,2-Dichloroethane-d4	0.762	0.763	-0.1	61	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	56	0.00
35 S	Dibromofluoromethane	0.354	0.355	-0.3	56	0.00
36 T	1,1-Dichloropropene	0.505	0.522	-3.4	58	0.00
37 T	Ethyl Acetate	0.463	0.382	17.5	45#	0.00
38 T	Carbon Tetrachloride	0.509	0.648	-27.3#	72	0.00
39 T	Methylcyclohexane	0.476	0.454	4.6	51	0.00
40 TM	Benzene	1.513	1.488	1.7	56	0.00
41 T	Methacrylonitrile	0.246	0.206	16.3	46#	0.00
42 TM	1,2-Dichloroethane	0.529	0.613	-15.9	66	0.00
43 T	Isopropyl Acetate	0.813	0.670	17.6	47#	0.00
44 TM	Trichloroethene	0.376	0.367	2.4	56	0.00
45 C	1,2-Dichloropropane	0.387	0.378	2.3#	55	0.00
46 T	Dibromomethane	0.264	0.270	-2.3	58	0.00
47 T	Bromodichloromethane	0.563	0.621	-10.3	64	0.00
48 T	Methyl methacrylate	0.356	0.321	9.8	47#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	51	0.00
50 S	Toluene-d8	1.303	1.282	1.6	53	0.00
51 T	4-Methyl-2-Pentanone	0.458	0.396	13.5	47#	0.00
52 CM	Toluene	0.897	0.952	-6.1#	57	0.00
53 T	t-1,3-Dichloropropene	0.552	0.622	-12.7	60	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.655	-8.8	57	0.00
55 T	1,1,2-Trichloroethane	0.361	0.385	-6.6	60	0.00
56 T	Ethyl methacrylate	0.515	0.535	-3.9	53	0.00
57 T	1,3-Dichloropropane	0.636	0.662	-4.1	58	0.00
58 T	2-Chloroethyl Vinyl ether	0.261	0.270	-3.4	53	0.00
59 T	2-Hexanone	0.350	0.302	13.7	47#	0.00
60 T	Dibromochloromethane	0.386	0.447	-15.8	62	0.00
61 T	1,2-Dibromoethane	0.362	0.361	0.3	54	0.00
62 S	4-Bromofluorobenzene	0.432	0.492	-13.9	60	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.324	0.345	-6.5	60	0.00
65 PM	Chlorobenzene	1.085	1.097	-1.1	57	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.449	-14.8	63	0.00
67 C	Ethyl Benzene	1.890	2.064	-9.2#	58	0.00
68 T	m/p-Xylenes	0.704	0.763	-8.4	58	0.00
69 T	o-Xylene	0.678	0.751	-10.8	58	0.00
70 T	Styrene	1.089	1.265	-16.2	58	0.00
71 P	Bromoform	0.277	0.333	-20.2	62	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	61	0.00
73 T	Isopropylbenzene	3.795	3.870	-2.0	60	0.00
74 T	N-amyl acetate	1.656	1.225	26.0#	43#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.345	1.116	17.0	53	0.00
76 T	1,2,3-Trichloropropane	1.174	0.904	23.0	49#	0.00
77 T	Bromobenzene	0.929	0.925	0.4	61	0.00
78 T	n-propylbenzene	4.346	4.511	-3.8	59	0.00
79 T	2-Chlorotoluene	2.776	2.892	-4.2	63	0.00
80 T	1,3,5-Trimethylbenzene	2.952	3.387	-14.7	65	0.00
81 T	trans-1,4-Dichloro-2-butene	0.431	0.359	16.7	46#	0.00
82 T	4-Chlorotoluene	2.759	2.914	-5.6	63	0.00
83 T	tert-Butylbenzene	2.417	2.703	-11.8	63	0.00
84 T	1,2,4-Trimethylbenzene	2.905	3.395	-16.9	65	0.00
85 T	sec-Butylbenzene	3.348	3.602	-7.6	61	0.00
86 T	p-Isopropyltoluene	2.730	3.092	-13.3	62	0.00
87 T	1,3-Dichlorobenzene	1.728	1.706	1.3	60	0.00
88 T	1,4-Dichlorobenzene	1.754	1.706	2.7	60	0.00
89 T	n-Butylbenzene	2.351	2.511	-6.8	59	0.00
90 T	Hexachloroethane	0.541	0.570	-5.4	67	0.00
91 T	1,2-Dichlorobenzene	1.632	1.645	-0.8	61	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.228	0.223	2.2	57	0.00
93 T	1,2,4-Trichlorobenzene	0.776	0.806	-3.9	59	0.00
94 T	Hexachlorobutadiene	0.352	0.451	-28.1#	80	0.00
95 T	Naphthalene	2.631	2.270	13.7	49#	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	0.760	0.761	-0.1	58	0.00

(#) = Out of Range

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