

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079245.D
 Acq On : 12 Sep 2023 19:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 13 01:36:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 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	70	0.00
2 T	Dichlorodifluoromethane	0.495	0.476	3.8	73	0.00
3 P	Chloromethane	0.649	0.721	-11.1	86	0.00
4 C	Vinyl Chloride	0.708	0.908	-28.2#	96	0.00
5 T	Bromomethane	0.407	0.483	-18.7	93	-0.01
6 T	Chloroethane	0.524	0.577	-10.1	91	0.00
7 T	Trichlorofluoromethane	1.036	0.968	6.6	71	-0.01
8 T	Diethyl Ether	0.360	0.319	11.4	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.452	18.0	63	0.00
10 T	Methyl Iodide	0.451	0.533	-18.2	76	0.00
11 T	Tert butyl alcohol	0.125	0.105	16.0	67	0.00
12 CM	1,1-Dichloroethene	0.533	0.447	16.1#	61	-0.01
13 T	Acrolein	0.119	0.095	20.2	59	-0.01
14 T	Allyl chloride	0.851	0.594	30.2#	52	0.00
15 T	Acrylonitrile	0.323	0.251	22.3	57	0.00
16 T	Acetone	0.287	0.201	30.0#	52	0.00
17 T	Carbon Disulfide	1.667	1.174	29.6#	56	-0.01
18 T	Methyl Acetate	1.178	0.839	28.8#	54	-0.01
19 T	Methyl tert-butyl Ether	1.829	1.730	5.4	66	-0.02
20 T	Methylene Chloride	0.698	0.540	22.6	61	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.516	16.6	61	0.00
22 T	Diisopropyl ether	1.867	1.378	26.2#	51	0.00
23 T	Vinyl Acetate	1.148	0.862	24.9	52	0.00
24 P	1,1-Dichloroethane	1.151	0.922	19.9	58	0.00
25 T	2-Butanone	0.416	0.305	26.7#	52	0.00
26 T	2,2-Dichloropropane	0.944	0.828	12.3	62	0.00
27 T	cis-1,2-Dichloroethene	0.707	0.602	14.9	61	-0.01
28 T	Bromochloromethane	0.520	0.409	21.3	52	0.00
29 T	Tetrahydrofuran	0.265	0.199	24.9	52	0.00
30 C	Chloroform	1.198	1.063	11.3#	65	0.00
31 T	Cyclohexane	0.986	0.708	28.2#	55	0.00
32 T	1,1,1-Trichloroethane	1.021	1.026	-0.5	71	0.00
33 S	1,2-Dichloroethane-d4	0.675	0.711	-5.3	70	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.333	0.347	-4.2	64	0.00
36 T	1,1-Dichloropropene	0.513	0.468	8.8	59	0.00
37 T	Ethyl Acetate	0.511	0.396	22.5	51	0.00
38 T	Carbon Tetrachloride	0.531	0.616	-16.0	78	0.00
39 T	Methylcyclohexane	0.506	0.484	4.3	61	0.00
40 TM	Benzene	1.569	1.378	12.2	58	0.00
41 T	Methacrylonitrile	0.258	0.214	17.1	52	-0.01
42 TM	1,2-Dichloroethane	0.540	0.547	-1.3	68	0.00
43 T	Isopropyl Acetate	0.834	0.649	22.2	52	0.00
44 TM	Trichloroethene	0.387	0.362	6.5	63	0.00
45 C	1,2-Dichloropropane	0.389	0.334	14.1#	55	0.00
46 T	Dibromomethane	0.264	0.253	4.2	62	0.00
47 T	Bromodichloromethane	0.542	0.541	0.2	64	0.00
48 T	Methyl methacrylate	0.374	0.319	14.7	54	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	0.008	0.0	62	0.00
50 S	Toluene-d8	1.221	1.250	-2.4	62	0.00
51 T	4-Methyl-2-Pentanone	0.484	0.392	19.0	51	0.00
52 CM	Toluene	0.964	0.894	7.3#	60	0.00
53 T	t-1,3-Dichloropropene	0.571	0.566	0.9	62	0.00
54 T	cis-1,3-Dichloropropene	0.611	0.580	5.1	60	0.00
55 T	1,1,2-Trichloroethane	0.378	0.346	8.5	61	0.00
56 T	Ethyl methacrylate	0.534	0.541	-1.3	60	0.00
57 T	1,3-Dichloropropane	0.654	0.597	8.7	60	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.189	4.5	58	0.00
59 T	2-Hexanone	0.351	0.292	16.8	52	0.00
60 T	Dibromochloromethane	0.403	0.438	-8.7	69	0.00
61 T	1,2-Dibromoethane	0.378	0.359	5.0	60	0.00
62 S	4-Bromofluorobenzene	0.390	0.457	-17.2	69	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
64 T	Tetrachloroethene	0.365	0.377	-3.3	71	0.00
65 PM	Chlorobenzene	1.133	1.078	4.9	64	0.00
66 T	1,1,1,2-Tetrachloroethane	0.425	0.443	-4.2	69	0.00
67 C	Ethyl Benzene	1.937	1.938	-0.1#	62	0.00
68 T	m/p-Xylenes	0.722	0.730	-1.1	62	0.00
69 T	o-Xylene	0.693	0.723	-4.3	63	0.00
70 T	Styrene	1.114	1.198	-7.5	63	0.00
71 P	Bromoform	0.314	0.359	-14.3	71	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	4.549	3.991	12.3	66	0.00
74 T	N-amyl acetate	1.726	1.255	27.3#	52	0.00
75 P	1,1,2,2-Tetrachloroethane	1.694	1.138	32.8#	56	0.00
76 T	1,2,3-Trichloropropane	1.348	1.018	24.5	63	0.00
77 T	Bromobenzene	1.152	0.969	15.9	65	0.00
78 T	n-propylbenzene	5.110	4.451	12.9	63	0.00
79 T	2-Chlorotoluene	3.342	2.810	15.9	65	0.00
80 T	1,3,5-Trimethylbenzene	3.791	3.455	8.9	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.490	0.366	25.3#	56	0.00
82 T	4-Chlorotoluene	3.141	2.745	12.6	65	0.00
83 T	tert-Butylbenzene	3.136	2.993	4.6	70	0.00
84 T	1,2,4-Trimethylbenzene	3.610	3.381	6.3	67	0.00
85 T	sec-Butylbenzene	4.317	3.876	10.2	66	0.00
86 T	p-Isopropyltoluene	3.449	3.378	2.1	70	0.00
87 T	1,3-Dichlorobenzene	1.889	1.720	8.9	68	0.00
88 T	1,4-Dichlorobenzene	1.909	1.681	11.9	67	0.00
89 T	n-Butylbenzene	2.712	2.504	7.7	64	0.00
90 T	Hexachloroethane	0.700	0.636	9.1	70	0.00
91 T	1,2-Dichlorobenzene	1.865	1.686	9.6	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.258	0.257	0.4	70	0.00
93 T	1,2,4-Trichlorobenzene	0.670	0.762	-13.7	71	0.00
94 T	Hexachlorobutadiene	0.527	0.503	4.6	80	0.00
95 T	Naphthalene	1.991	1.962	1.5	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.791	0.815	-3.0	73	0.00

(#) = Out of Range

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