

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080402.D
 Acq On : 08 Dec 2023 13:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 08 22:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 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	77	0.00
2 T	Dichlorodifluoromethane	0.745	0.688	7.7	71	0.00
3 P	Chloromethane	0.560	0.503	10.2	71	0.00
4 C	Vinyl Chloride	0.593	0.539	9.1#	71	0.00
5 T	Bromomethane	0.402	0.394	2.0	80	0.00
6 T	Chloroethane	0.447	0.376	15.9	79	0.00
7 T	Trichlorofluoromethane	1.236	1.235	0.1	77	0.00
8 T	Diethyl Ether	0.360	0.397	-10.3	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.565	0.558	1.2	78	0.00
10 T	Methyl Iodide	0.611	0.733	-20.0	87	0.00
11 T	Tert butyl alcohol	0.091	0.103	-13.2	88	-0.01
12 CM	1,1-Dichloroethene	0.528	0.544	-3.0#	81	0.00
13 T	Acrolein	0.080	0.108	-35.0#	113	0.00
14 T	Allyl chloride	0.665	0.668	-0.5	77	0.00
15 T	Acrylonitrile	0.244	0.267	-9.4	86	0.00
16 T	Acetone	0.277	0.232	16.2	75	0.00
17 T	Carbon Disulfide	1.578	1.406	10.9	73	0.00
18 T	Methyl Acetate	0.891	0.939	-5.4	89	0.00
19 T	Methyl tert-butyl Ether	1.866	2.215	-18.7	91	0.00
20 T	Methylene Chloride	0.581	0.685	-17.9	91	0.00
21 T	trans-1,2-Dichloroethene	0.581	0.622	-7.1	85	0.00
22 T	Diisopropyl ether	1.471	1.660	-12.8	86	0.00
23 T	Vinyl Acetate	0.884	0.947	-7.1	80	0.00
24 P	1,1-Dichloroethane	1.071	1.134	-5.9	86	0.00
25 T	2-Butanone	0.329	0.296	10.0	76	0.00
26 T	2,2-Dichloropropane	1.063	1.093	-2.8	79	0.00
27 T	cis-1,2-Dichloroethene	0.658	0.733	-11.4	88	0.00
28 T	Bromochloromethane	0.421	0.423	-0.5	83	0.00
29 T	Tetrahydrofuran	0.177	0.186	-5.1	80	0.00
30 C	Chloroform	1.198	1.381	-15.3#	91	0.00
31 T	Cyclohexane	0.898	0.728	18.9	65	0.00
32 T	1,1,1-Trichloroethane	1.168	1.261	-8.0	84	0.00
33 S	1,2-Dichloroethane-d4	0.826	0.861	-4.2	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.369	0.417	-13.0	92	0.00
36 T	1,1-Dichloropropene	0.534	0.573	-7.3	80	0.00
37 T	Ethyl Acetate	0.371	0.408	-10.0	84	0.00
38 T	Carbon Tetrachloride	0.678	0.745	-9.9	82	0.00
39 T	Methylcyclohexane	0.515	0.493	4.3	67	0.00
40 TM	Benzene	1.518	1.682	-10.8	85	0.00
41 T	Methacrylonitrile	0.203	0.235	-15.8	86	0.00
42 TM	1,2-Dichloroethane	0.621	0.744	-19.8	90	0.00
43 T	Isopropyl Acetate	0.721	0.712	1.2	80	0.00
44 TM	Trichloroethene	0.398	0.461	-15.8	90	0.00
45 C	1,2-Dichloropropane	0.353	0.402	-13.9#	87	0.00
46 T	Dibromomethane	0.267	0.331	-24.0	95	0.00
47 T	Bromodichloromethane	0.587	0.732	-24.7	93	0.00
48 T	Methyl methacrylate	0.372	0.426	-14.5	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.007	-16.7	89	0.00
50 S	Toluene-d8	1.330	1.376	-3.5	80	0.00
51 T	4-Methyl-2-Pentanone	0.373	0.411	-10.2	82	0.00
52 CM	Toluene	0.950	1.102	-16.0#	86	0.00
53 T	t-1,3-Dichloropropene	0.604	0.739	-22.4	89	0.00
54 T	cis-1,3-Dichloropropene	0.617	0.759	-23.0	89	0.00
55 T	1,1,2-Trichloroethane	0.363	0.440	-21.2	94	0.00
56 T	Ethyl methacrylate	0.370	0.463	-25.1#	85	0.00
57 T	1,3-Dichloropropane	0.633	0.768	-21.3	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.209	0.208	0.5	78	0.00
59 T	2-Hexanone	0.300	0.302	-0.7	77	0.00
60 T	Dibromochloromethane	0.434	0.560	-29.0#	96	0.00
61 T	1,2-Dibromoethane	0.370	0.447	-20.8	92	0.00
62 S	4-Bromofluorobenzene	0.502	0.548	-9.2	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.382	0.498	-30.4#	105	0.00
65 PM	Chlorobenzene	1.133	1.251	-10.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.440	0.539	-22.5	93	0.00
67 C	Ethyl Benzene	2.016	2.229	-10.6#	84	0.00
68 T	m/p-Xylenes	0.735	0.832	-13.2	85	0.00
69 T	o-Xylene	0.693	0.811	-17.0	87	0.00
70 T	Styrene	1.031	1.259	-22.1	90	0.00
71 P	Bromoform	0.326	0.413	-26.7#	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.885	4.074	-4.9	82	0.00
74 T	N-amyl acetate	1.212	1.188	2.0	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.163	1.161	0.2	87	0.00
76 T	1,2,3-Trichloropropane	1.225	1.160	5.3	79	0.00
77 T	Bromobenzene	0.980	1.109	-13.2	93	0.00
78 T	n-propylbenzene	4.345	4.526	-4.2	80	0.00
79 T	2-Chlorotoluene	2.822	3.042	-7.8	86	0.00
80 T	1,3,5-Trimethylbenzene	3.382	3.626	-7.2	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.363	0.379	-4.4	83	0.00
82 T	4-Chlorotoluene	2.891	3.122	-8.0	87	0.00
83 T	tert-Butylbenzene	2.712	2.835	-4.5	80	0.00
84 T	1,2,4-Trimethylbenzene	3.330	3.696	-11.0	86	0.00
85 T	sec-Butylbenzene	3.431	3.551	-3.5	79	0.00
86 T	p-Isopropyltoluene	3.065	3.366	-9.8	83	0.00
87 T	1,3-Dichlorobenzene	1.765	1.878	-6.4	90	0.00
88 T	1,4-Dichlorobenzene	1.774	1.892	-6.7	91	0.00
89 T	n-Butylbenzene	2.565	2.637	-2.8	77	0.00
90 T	Hexachloroethane	0.598	0.590	1.3	80	0.00
91 T	1,2-Dichlorobenzene	1.689	1.876	-11.1	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.268	0.7	86	0.00
93 T	1,2,4-Trichlorobenzene	0.982	0.990	-0.8	85	0.00
94 T	Hexachlorobutadiene	0.565	0.531	6.0	82	0.00
95 T	Naphthalene	2.848	2.794	1.9	81	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	0.921	0.949	-3.0	86	0.00

(#) = Out of Range

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