

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100219\
 Data File : VN058500.D
 Acq On : 3 Oct 2019 1:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 03 06:46:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	69	0.00
2 T	Dichlorodifluoromethane	0.548	0.571	-4.2	71	0.00
3 P	Chloromethane	0.603	0.729	-20.9	87	0.00
4 C	Vinyl Chloride	0.590	0.637	-8.0#	76	0.00
5 T	Bromomethane	0.314	0.294	6.4	65	0.02
6 T	Chloroethane	0.354	0.384	-8.5	76	0.00
7 T	Trichlorofluoromethane	0.713	0.754	-5.8	73	0.00
8 T	Diethyl Ether	0.307	0.329	-7.2	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.508	-5.0	72	0.00
10 T	Methyl Iodide	0.537	0.514	4.3	63	0.00
11 T	Tert butyl alcohol	0.081	0.099	-22.2	85	0.00
12 CM	1,1-Dichloroethene	0.472	0.488	-3.4#	70	0.00
13 T	Acrolein	0.026	0.043	-65.4#	128	0.00
14 T	Allyl chloride	0.858	0.905	-5.5	72	0.00
15 T	Acrylonitrile	0.237	0.293	-23.6	84	0.00
16 T	Acetone	0.249	0.246	1.2	68	0.00
17 T	Carbon Disulfide	1.243	1.256	-1.0	68	0.00
18 T	Methyl Acetate	0.626	0.736	-17.6	85	0.00
19 T	Methyl tert-butyl Ether	1.664	1.816	-9.1	75	0.00
20 T	Methylene Chloride	0.575	0.749	-30.3#	95	0.00
21 T	trans-1,2-Dichloroethene	0.525	0.540	-2.9	71	0.00
22 T	Diisopropyl ether	1.847	2.072	-12.2	78	0.00
23 T	Vinyl Acetate	1.393	1.690	-21.3	76	0.00
24 P	1,1-Dichloroethane	1.040	1.144	-10.0	76	0.00
25 T	2-Butanone	0.342	0.397	-16.1	79	0.00
26 T	2,2-Dichloropropane	0.855	0.656	23.3	52	0.00
27 T	cis-1,2-Dichloroethene	0.613	0.661	-7.8	74	0.00
28 T	Bromochloromethane	0.416	0.467	-12.3	76	0.00
29 T	Tetrahydrofuran	0.217	0.267	-23.0	83	0.00
30 C	Chloroform	1.053	1.173	-11.4#	77	0.00
31 T	Cyclohexane	1.011	1.023	-1.2	72	0.00
32 T	1,1,1-Trichloroethane	0.865	0.971	-12.3	75	0.00
33 S	1,2-Dichloroethane-d4	0.731	0.790	-8.1	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.306	0.321	-4.9	74	0.00
36 T	1,1-Dichloropropene	0.478	0.483	-1.0	72	0.00
37 T	Ethyl Acetate	0.405	0.480	-18.5	81	0.00
38 T	Carbon Tetrachloride	0.432	0.456	-5.6	74	0.00
39 T	Methylcyclohexane	0.558	0.567	-1.6	73	0.00
40 TM	Benzene	1.374	1.437	-4.6	75	0.00
41 T	Methacrylonitrile	0.186	0.183	1.6	70	0.00
42 TM	1,2-Dichloroethane	0.535	0.561	-4.9	77	0.00
43 T	Isopropyl Acetate	0.762	0.821	-7.7	80	0.00
44 TM	Trichloroethene	0.339	0.345	-1.8	72	0.00
45 C	1,2-Dichloropropane	0.369	0.397	-7.6#	77	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.233	0.251	-7.7	77	0.00
47 T	Bromodichloromethane	0.442	0.514	-16.3	80	0.00
48 T	Methyl methacrylate	0.347	0.392	-13.0	80	0.00
49 T	1,4-Dioxane	0.005	0.007	-40.0#	99	0.00
50 S	Toluene-d8	1.200	1.254	-4.5	73	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.499	-27.3#	86	0.00
52 CM	Toluene	0.865	0.891	-3.0#	75	0.00
53 T	t-1,3-Dichloropropene	0.481	0.526	-9.4	72	0.00
54 T	cis-1,3-Dichloropropene	0.534	0.569	-6.6	71	0.00
55 T	1,1,2-Trichloroethane	0.315	0.348	-10.5	78	0.00
56 T	Ethyl methacrylate	0.478	0.555	-16.1	79	0.00
57 T	1,3-Dichloropropane	0.562	0.625	-11.2	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.191	0.240	-25.7#	85	0.00
59 T	2-Hexanone	0.285	0.356	-24.9	85	0.00
60 T	Dibromochloromethane	0.299	0.358	-19.7	78	0.00
61 T	1,2-Dibromoethane	0.322	0.358	-11.2	77	0.00
62 S	4-Bromofluorobenzene	0.434	0.464	-6.9	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.318	0.328	-3.1	76	0.00
65 PM	Chlorobenzene	0.994	1.038	-4.4	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.335	0.371	-10.7	77	0.00
67 C	Ethyl Benzene	1.800	1.946	-8.1#	77	0.00
68 T	m/p-Xylenes	0.677	0.701	-3.5	74	0.00
69 T	o-Xylene	0.652	0.681	-4.4	75	0.00
70 T	Styrene	1.059	1.171	-10.6	77	0.00
71 P	Bromoform	0.207	0.254	-22.7	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.695	3.890	-5.3	77	0.00
74 T	N-amyl acetate	1.470	1.619	-10.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	1.093	1.224	-12.0	85	0.00
76 T	1,2,3-Trichloropropane	0.913	1.062	-16.3	85	0.00
77 T	Bromobenzene	0.866	0.882	-1.8	76	0.00
78 T	n-propylbenzene	4.163	4.551	-9.3	77	0.00
79 T	2-Chlorotoluene	2.570	2.693	-4.8	78	0.00
80 T	1,3,5-Trimethylbenzene	3.093	3.325	-7.5	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.295	2.0	69	0.00
82 T	4-Chlorotoluene	2.622	2.764	-5.4	77	0.00
83 T	tert-Butylbenzene	2.610	2.763	-5.9	77	0.00
84 T	1,2,4-Trimethylbenzene	3.099	3.355	-8.3	78	0.00
85 T	sec-Butylbenzene	3.435	3.819	-11.2	79	0.00
86 T	p-Isopropyltoluene	3.024	3.396	-12.3	79	0.00
87 T	1,3-Dichlorobenzene	1.571	1.626	-3.5	77	0.00
88 T	1,4-Dichlorobenzene	1.563	1.591	-1.8	75	0.00
89 T	n-Butylbenzene	2.739	3.067	-12.0	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.454	0.544	-19.8	82	0.00
91 T	1,2-Dichlorobenzene	1.510	1.585	-5.0	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.193	0.227	-17.6	85	0.00
93 T	1,2,4-Trichlorobenzene	0.834	0.933	-11.9	77	0.00
94 T	Hexachlorobutadiene	0.429	0.465	-8.4	82	0.00
95 T	Naphthalene	2.173	2.595	-19.4	78	0.00
96 T	1,2,3-Trichlorobenzene	0.758	0.898	-18.5	80	0.00

(#) = Out of Range

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