

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092619\
 Data File : VN058371.D
 Acq On : 26 Sep 2019 9:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 03:36:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	72	0.00
2 T	Dichlorodifluoromethane	0.411	0.330	19.7	64	0.00
3 P	Chloromethane	0.383	0.279	27.2#	66	0.00
4 C	Vinyl Chloride	0.398	0.313	21.4#	67	0.00
5 T	Bromomethane	0.197	0.173	12.2	72	0.00
6 T	Chloroethane	0.263	0.214	18.6	70	0.00
7 T	Trichlorofluoromethane	0.561	0.488	13.0	71	0.00
8 T	Diethyl Ether	0.257	0.233	9.3	70	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.404	0.371	8.2	74	0.00
10 T	Methyl Iodide	0.339	0.312	8.0	70	0.00
11 T	Tert butyl alcohol	0.083	0.084	-1.2	75	0.00
12 CM	1,1-Dichloroethene	0.342	0.290	15.2#	71	0.00
13 T	Acrolein	0.012	0.007	41.7#	39#	0.00
14 T	Allyl chloride	0.661	0.619	6.4	73	0.00
15 T	Acrylonitrile	0.221	0.231	-4.5	77	0.00
16 T	Acetone	0.236	0.275	-16.5	92	0.00
17 T	Carbon Disulfide	0.526	0.362	31.2#	66	0.00
18 T	Methyl Acetate	0.622	0.626	-0.6	79	0.00
19 T	Methyl tert-butyl Ether	1.525	1.545	-1.3	77	0.00
20 T	Methylene Chloride	0.460	0.407	11.5	74	0.00
21 T	trans-1,2-Dichloroethene	0.371	0.315	15.1	71	0.00
22 T	Diisopropyl ether	1.680	1.685	-0.3	75	0.00
23 T	Vinyl Acetate	1.150	1.234	-7.3	76	0.00
24 P	1,1-Dichloroethane	0.897	0.865	3.6	75	0.00
25 T	2-Butanone	0.322	0.355	-10.2	81	0.00
26 T	2,2-Dichloropropane	0.761	0.752	1.2	77	0.00
27 T	cis-1,2-Dichloroethene	0.507	0.481	5.1	73	0.00
28 T	Bromochloromethane	0.424	0.438	-3.3	74	0.00
29 T	Tetrahydrofuran	0.198	0.195	1.5	75	0.00
30 C	Chloroform	0.965	0.937	2.9#	76	0.00
31 T	Cyclohexane	0.664	0.542	18.4	70	0.00
32 T	1,1,1-Trichloroethane	0.735	0.738	-0.4	74	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.669	3.9	69	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.304	0.291	4.3	69	0.00
36 T	1,1-Dichloropropene	0.361	0.312	13.6	71	0.00
37 T	Ethyl Acetate	0.374	0.379	-1.3	76	0.00
38 T	Carbon Tetrachloride	0.362	0.343	5.2	74	0.00
39 T	Methylcyclohexane	0.380	0.315	17.1	69	0.00
40 TM	Benzene	1.101	1.013	8.0	72	0.00
41 T	Methacrylonitrile	0.181	0.177	2.2	70	0.00
42 TM	1,2-Dichloroethane	0.462	0.439	5.0	74	0.00
43 T	Isopropyl Acetate	0.699	0.675	3.4	75	0.00
44 TM	Trichloroethene	0.270	0.248	8.1	71	0.00
45 C	1,2-Dichloropropane	0.329	0.323	1.8#	74	0.00

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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)
46 T	Dibromomethane	0.200	0.193	3.5	74	0.00
47 T	Bromodichloromethane	0.419	0.438	-4.5	77	0.00
48 T	Methyl methacrylate	0.317	0.322	-1.6	75	0.00
49 T	1,4-Dioxane	0.005	0.006	-20.0	76	0.00
50 S	Toluene-d8	1.184	1.079	8.9	64	0.00
51 T	4-Methyl-2-Pentanone	0.371	0.420	-13.2	78	0.00
52 CM	Toluene	0.690	0.632	8.4#	70	0.00
53 T	t-1,3-Dichloropropene	0.429	0.455	-6.1	75	0.00
54 T	cis-1,3-Dichloropropene	0.474	0.488	-3.0	75	0.00
55 T	1,1,2-Trichloroethane	0.306	0.308	-0.7	75	0.00
56 T	Ethyl methacrylate	0.442	0.459	-3.8	74	0.00
57 T	1,3-Dichloropropane	0.527	0.519	1.5	74	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.218	-3.3	69	0.00
59 T	2-Hexanone	0.276	0.315	-14.1	79	0.00
60 T	Dibromochloromethane	0.295	0.319	-8.1	76	0.00
61 T	1,2-Dibromoethane	0.284	0.280	1.4	74	0.00
62 S	4-Bromofluorobenzene	0.440	0.409	7.0	67	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.244	0.212	13.1	68	0.00
65 PM	Chlorobenzene	0.879	0.830	5.6	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.319	0.341	-6.9	76	0.00
67 C	Ethyl Benzene	1.507	1.498	0.6#	72	0.00
68 T	m/p-Xylenes	0.568	0.542	4.6	71	0.00
69 T	o-Xylene	0.558	0.547	2.0	72	0.00
70 T	Styrene	0.962	0.979	-1.8	72	0.00
71 P	Bromoform	0.203	0.229	-12.8	76	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.130	3.241	-3.5	73	0.00
74 T	N-amyl acetate	1.309	1.424	-8.8	74	0.00
75 P	1,1,2,2-Tetrachloroethane	1.048	1.095	-4.5	75	0.00
76 T	1,2,3-Trichloropropane	0.895	0.923	-3.1	76	0.00
77 T	Bromobenzene	0.787	0.753	4.3	71	0.00
78 T	n-propylbenzene	3.556	3.779	-6.3	73	0.00
79 T	2-Chlorotoluene	2.223	2.252	-1.3	72	0.00
80 T	1,3,5-Trimethylbenzene	2.647	2.783	-5.1	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.271	0.302	-11.4	76	0.00
82 T	4-Chlorotoluene	2.336	2.373	-1.6	72	0.00
83 T	tert-Butylbenzene	2.360	2.444	-3.6	72	0.00
84 T	1,2,4-Trimethylbenzene	2.634	2.797	-6.2	72	0.00
85 T	sec-Butylbenzene	3.086	3.381	-9.6	74	0.00
86 T	p-Isopropyltoluene	2.744	3.013	-9.8	73	0.00
87 T	1,3-Dichlorobenzene	1.438	1.447	-0.6	72	0.00
88 T	1,4-Dichlorobenzene	1.468	1.437	2.1	70	0.00
89 T	n-Butylbenzene	2.601	2.793	-7.4	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.426	0.498	-16.9	78	0.00
91 T	1,2-Dichlorobenzene	1.442	1.458	-1.1	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.189	0.208	-10.1	76	0.00
93 T	1,2,4-Trichlorobenzene	0.922	0.934	-1.3	70	0.00
94 T	Hexachlorobutadiene	0.445	0.458	-2.9	74	0.00
95 T	Naphthalene	2.388	2.606	-9.1	71	0.00
96 T	1,2,3-Trichlorobenzene	0.871	0.896	-2.9	70	0.00

(#) = Out of Range

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