

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111819\
 Data File : VN059273.D
 Acq On : 18 Nov 2019 10:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 18 14:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 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	71	0.00
2 T	Dichlorodifluoromethane	0.504	0.443	12.1	65	0.00
3 P	Chloromethane	0.685	0.585	14.6	65	0.00
4 C	Vinyl Chloride	0.664	0.586	11.7#	66	0.00
5 T	Bromomethane	0.382	0.358	6.3	70	0.00
6 T	Chloroethane	0.393	0.362	7.9	69	0.00
7 T	Trichlorofluoromethane	0.794	0.766	3.5	70	0.00
8 T	Diethyl Ether	0.323	0.335	-3.7	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.479	0.489	-2.1	75	0.00
10 T	Methyl Iodide	0.593	0.603	-1.7	72	0.00
11 T	Tert butyl alcohol	0.117	0.118	-0.9	74	0.00
12 CM	1,1-Dichloroethene	0.466	0.459	1.5#	72	0.00
13 T	Acrolein	0.060	0.052	13.3	64	0.00
14 T	Allyl chloride	0.958	0.937	2.2	72	0.00
15 T	Acrylonitrile	0.292	0.310	-6.2	74	0.00
16 T	Acetone	0.320	0.356	-11.2	74	0.00
17 T	Carbon Disulfide	1.448	1.187	18.0	62	0.00
18 T	Methyl Acetate	0.759	0.817	-7.6	78	0.00
19 T	Methyl tert-butyl Ether	1.606	1.723	-7.3	76	0.00
20 T	Methylene Chloride	0.557	0.566	-1.6	75	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.492	1.8	72	0.00
22 T	Diisopropyl ether	1.810	1.912	-5.6	75	0.00
23 T	Vinyl Acetate	1.403	1.543	-10.0	73	0.00
24 P	1,1-Dichloroethane	1.011	1.024	-1.3	74	0.00
25 T	2-Butanone	0.421	0.451	-7.1	73	0.00
26 T	2,2-Dichloropropane	0.884	0.876	0.9	74	0.00
27 T	cis-1,2-Dichloroethene	0.581	0.603	-3.8	75	0.00
28 T	Bromochloromethane	0.304	0.290	4.6	71	0.00
29 T	Tetrahydrofuran	0.268	0.273	-1.9	71	0.00
30 C	Chloroform	0.970	1.010	-4.1#	77	0.00
31 T	Cyclohexane	0.957	0.859	10.2	67	0.00
32 T	1,1,1-Trichloroethane	0.815	0.829	-1.7	73	0.00
33 S	1,2-Dichloroethane-d4	0.615	0.558	9.3	68	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.299	0.296	1.0	72	0.00
36 T	1,1-Dichloropropene	0.467	0.474	-1.5	72	0.00
37 T	Ethyl Acetate	0.520	0.544	-4.6	72	0.00
38 T	Carbon Tetrachloride	0.465	0.479	-3.0	74	0.00
39 T	Methylcyclohexane	0.542	0.552	-1.8	70	0.00
40 TM	Benzene	1.407	1.468	-4.3	73	0.00
41 T	Methacrylonitrile	0.226	0.268	-18.6	75	0.00
42 TM	1,2-Dichloroethane	0.483	0.495	-2.5	72	0.00
43 T	Isopropyl Acetate	0.829	0.862	-4.0	73	0.00
44 TM	Trichloroethene	0.346	0.365	-5.5	75	0.00
45 C	1,2-Dichloropropane	0.382	0.410	-7.3#	75	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.238	0.246	-3.4	75	0.00
47 T	Bromodichloromethane	0.476	0.523	-9.9	77	0.00
48 T	Methyl methacrylate	0.371	0.394	-6.2	73	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	80	0.00
50 S	Toluene-d8	1.176	1.126	4.3	68	0.00
51 T	4-Methyl-2-Pentanone	0.469	0.539	-14.9	73	0.00
52 CM	Toluene	0.844	0.899	-6.5#	75	0.00
53 T	t-1,3-Dichloropropene	0.550	0.595	-8.2	76	0.00
54 T	cis-1,3-Dichloropropene	0.591	0.646	-9.3	76	0.00
55 T	1,1,2-Trichloroethane	0.341	0.363	-6.5	76	0.00
56 T	Ethyl methacrylate	0.507	0.570	-12.4	74	0.00
57 T	1,3-Dichloropropane	0.588	0.640	-8.8	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.190	0.184	3.2	59	0.00
59 T	2-Hexanone	0.360	0.411	-14.2	72	0.00
60 T	Dibromochloromethane	0.361	0.408	-13.0	79	0.00
61 T	1,2-Dibromoethane	0.346	0.372	-7.5	76	0.00
62 S	4-Bromofluorobenzene	0.424	0.423	0.2	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.340	0.351	-3.2	74	0.00
65 PM	Chlorobenzene	0.975	1.074	-10.2	77	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.408	-11.5	78	0.00
67 C	Ethyl Benzene	1.729	1.944	-12.4#	76	0.00
68 T	m/p-Xylenes	0.648	0.721	-11.3	75	0.00
69 T	o-Xylene	0.626	0.696	-11.2	77	0.00
70 T	Styrene	0.985	1.153	-17.1	76	0.00
71 P	Bromoform	0.284	0.327	-15.1	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.637	3.826	-5.2	76	0.00
74 T	N-amyl acetate	1.541	1.612	-4.6	72	0.00
75 P	1,1,2,2-Tetrachloroethane	1.239	1.296	-4.6	78	0.00
76 T	1,2,3-Trichloropropane	1.138	1.302	-14.4	90	0.00
77 T	Bromobenzene	0.914	0.945	-3.4	77	0.00
78 T	n-propylbenzene	4.164	4.512	-8.4	76	0.00
79 T	2-Chlorotoluene	2.583	2.677	-3.6	77	0.00
80 T	1,3,5-Trimethylbenzene	3.082	3.300	-7.1	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.431	0.453	-5.1	76	0.00
82 T	4-Chlorotoluene	2.591	2.749	-6.1	76	0.00
83 T	tert-Butylbenzene	2.661	2.843	-6.8	78	0.00
84 T	1,2,4-Trimethylbenzene	2.982	3.296	-10.5	78	0.00
85 T	sec-Butylbenzene	3.461	3.776	-9.1	77	0.00
86 T	p-Isopropyltoluene	3.056	3.450	-12.9	78	0.00
87 T	1,3-Dichlorobenzene	1.565	1.709	-9.2	80	0.00
88 T	1,4-Dichlorobenzene	1.566	1.663	-6.2	79	0.00
89 T	n-Butylbenzene	2.675	2.940	-9.9	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.614	0.636	-3.6	79	0.00
91 T	1,2-Dichlorobenzene	1.539	1.672	-8.6	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.280	0.245	12.5	72	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.961	-16.5	81	0.00
94 T	Hexachlorobutadiene	0.531	0.589	-10.9	84	0.00
95 T	Naphthalene	2.265	2.507	-10.7	77	0.00
96 T	1,2,3-Trichlorobenzene	0.863	0.953	-10.4	80	0.00

(#) = Out of Range

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