

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111319\
 Data File : VN059205.D
 Acq On : 13 Nov 2019 8:47
 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 14 08:26:47 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	82	0.00
2 T	Dichlorodifluoromethane	0.504	0.470	6.7	80	0.00
3 P	Chloromethane	0.685	0.614	10.4	79	0.00
4 C	Vinyl Chloride	0.664	0.641	3.5#	83	0.00
5 T	Bromomethane	0.382	0.379	0.8	86	0.00
6 T	Chloroethane	0.393	0.395	-0.5	88	0.00
7 T	Trichlorofluoromethane	0.794	0.813	-2.4	86	0.00
8 T	Diethyl Ether	0.323	0.318	1.5	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.479	0.484	-1.0	86	0.00
10 T	Methyl Iodide	0.593	0.601	-1.3	83	0.00
11 T	Tert butyl alcohol	0.117	0.103	12.0	75	-0.01
12 CM	1,1-Dichloroethene	0.466	0.458	1.7#	83	0.00
13 T	Acrolein	0.060	0.070	-16.7	98	0.00
14 T	Allyl chloride	0.958	0.925	3.4	83	0.00
15 T	Acrylonitrile	0.292	0.284	2.7	79	0.00
16 T	Acetone	0.320	0.367	-14.7	89	0.00
17 T	Carbon Disulfide	1.448	1.277	11.8	78	0.00
18 T	Methyl Acetate	0.759	0.738	2.8	81	0.00
19 T	Methyl tert-butyl Ether	1.606	1.681	-4.7	86	0.00
20 T	Methylene Chloride	0.557	0.560	-0.5	86	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.501	0.0	85	0.00
22 T	Diisopropyl ether	1.810	1.908	-5.4	87	0.00
23 T	Vinyl Acetate	1.403	1.536	-9.5	84	0.00
24 P	1,1-Dichloroethane	1.011	1.047	-3.6	87	0.00
25 T	2-Butanone	0.421	0.441	-4.8	83	0.00
26 T	2,2-Dichloropropane	0.884	0.890	-0.7	87	0.00
27 T	cis-1,2-Dichloroethene	0.581	0.591	-1.7	85	0.00
28 T	Bromochloromethane	0.304	0.281	7.6	79	0.00
29 T	Tetrahydrofuran	0.268	0.254	5.2	77	0.00
30 C	Chloroform	0.970	1.008	-3.9#	89	0.00
31 T	Cyclohexane	0.957	0.890	7.0	81	0.00
32 T	1,1,1-Trichloroethane	0.815	0.849	-4.2	86	0.00
33 S	1,2-Dichloroethane-d4	0.615	0.584	5.0	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.299	0.304	-1.7	85	0.00
36 T	1,1-Dichloropropene	0.467	0.488	-4.5	86	0.00
37 T	Ethyl Acetate	0.520	0.521	-0.2	80	0.00
38 T	Carbon Tetrachloride	0.465	0.493	-6.0	88	0.00
39 T	Methylcyclohexane	0.542	0.564	-4.1	83	0.00
40 TM	Benzene	1.407	1.480	-5.2	86	0.00
41 T	Methacrylonitrile	0.226	0.199	11.9	65	-0.01
42 TM	1,2-Dichloroethane	0.483	0.518	-7.2	88	0.00
43 T	Isopropyl Acetate	0.829	0.829	0.0	81	0.00
44 TM	Trichloroethene	0.346	0.364	-5.2	86	0.00
45 C	1,2-Dichloropropane	0.382	0.408	-6.8#	87	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.238	0.250	-5.0	88	0.00
47 T	Bromodichloromethane	0.476	0.527	-10.7	89	0.00
48 T	Methyl methacrylate	0.371	0.379	-2.2	81	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	83	0.00
50 S	Toluene-d8	1.176	1.146	2.6	81	0.00
51 T	4-Methyl-2-Pentanone	0.469	0.510	-8.7	80	0.00
52 CM	Toluene	0.844	0.900	-6.6#	87	0.00
53 T	t-1,3-Dichloropropene	0.550	0.593	-7.8	87	0.00
54 T	cis-1,3-Dichloropropene	0.591	0.645	-9.1	88	0.00
55 T	1,1,2-Trichloroethane	0.341	0.365	-7.0	88	0.00
56 T	Ethyl methacrylate	0.507	0.554	-9.3	83	0.00
57 T	1,3-Dichloropropane	0.588	0.635	-8.0	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.190	0.219	-15.3	82	0.00
59 T	2-Hexanone	0.360	0.401	-11.4	81	0.00
60 T	Dibromochloromethane	0.361	0.397	-10.0	89	0.00
61 T	1,2-Dibromoethane	0.346	0.369	-6.6	87	0.00
62 S	4-Bromofluorobenzene	0.424	0.433	-2.1	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.340	0.350	-2.9	88	0.00
65 PM	Chlorobenzene	0.975	1.035	-6.2	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.395	-7.9	90	0.00
67 C	Ethyl Benzene	1.729	1.869	-8.1#	86	0.00
68 T	m/p-Xylenes	0.648	0.708	-9.3	88	0.00
69 T	o-Xylene	0.626	0.669	-6.9	87	0.00
70 T	Styrene	0.985	1.115	-13.2	88	0.00
71 P	Bromoform	0.284	0.305	-7.4	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.637	3.737	-2.7	88	0.00
74 T	N-amyl acetate	1.541	1.538	0.2	82	0.00
75 P	1,1,2,2-Tetrachloroethane	1.239	1.205	2.7	86	0.00
76 T	1,2,3-Trichloropropane	1.138	1.087	4.5	90	0.00
77 T	Bromobenzene	0.914	0.912	0.2	89	0.00
78 T	n-propylbenzene	4.164	4.431	-6.4	89	0.00
79 T	2-Chlorotoluene	2.583	2.597	-0.5	89	0.00
80 T	1,3,5-Trimethylbenzene	3.082	3.216	-4.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.431	0.428	0.7	85	0.00
82 T	4-Chlorotoluene	2.591	2.712	-4.7	90	0.00
83 T	tert-Butylbenzene	2.661	2.709	-1.8	88	0.00
84 T	1,2,4-Trimethylbenzene	2.982	3.191	-7.0	90	0.00
85 T	sec-Butylbenzene	3.461	3.703	-7.0	90	0.00
86 T	p-Isopropyltoluene	3.056	3.359	-9.9	90	0.00
87 T	1,3-Dichlorobenzene	1.565	1.656	-5.8	92	0.00
88 T	1,4-Dichlorobenzene	1.566	1.628	-4.0	92	0.00
89 T	n-Butylbenzene	2.675	2.965	-10.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.614	0.612	0.3	90	0.00
91 T	1,2-Dichlorobenzene	1.539	1.606	-4.4	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.280	0.239	14.6	84	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.948	-14.9	95	0.00
94 T	Hexachlorobutadiene	0.531	0.553	-4.1	94	0.00
95 T	Naphthalene	2.265	2.439	-7.7	89	0.00
96 T	1,2,3-Trichlorobenzene	0.863	0.931	-7.9	93	0.00

(#) = Out of Range

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