

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081718\
 Data File : VN050721.D
 Acq On : 17 Aug 2018 11:20
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 17 23:22:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.564	0.500	11.3	92	0.00
3 P	Chloromethane	0.769	0.640	16.8	96	0.00
4 C	Vinyl Chloride	0.749	0.659	12.0#	94	0.00
5 T	Bromomethane	0.484	0.336	30.6#	83	-0.02
6 T	Chloroethane	0.470	0.397	15.5	95	-0.01
7 T	Trichlorofluoromethane	0.983	0.861	12.4	95	0.00
8 T	Diethyl Ether	0.327	0.310	5.2	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.594	0.547	7.9	99	0.00
10 T	Methyl Iodide	0.384	0.324	15.6	89	0.00
11 T	Tert butyl alcohol	0.034	0.035	-2.9	107	0.00
12 CM	1,1-Dichloroethene	0.543	0.487	10.3#	95	0.00
13 T	Acrolein	0.014	0.008	42.9#	66	0.00
14 T	Allyl chloride	0.844	0.798	5.5	99	0.00
15 T	Acrylonitrile	0.189	0.192	-1.6	104	0.00
16 T	Acetone	0.174	0.177	-1.7	115	0.00
17 T	Carbon Disulfide	1.707	1.476	13.5	92	0.00
18 T	Methyl Acetate	0.591	0.489	17.3	114	0.00
19 T	Methyl tert-butyl Ether	1.381	1.376	0.4	100	0.00
20 T	Methylene Chloride	0.685	0.581	15.2	97	0.00
21 T	trans-1,2-Dichloroethene	0.588	0.544	7.5	97	0.00
22 T	Diisopropyl ether	1.730	1.709	1.2	97	0.00
23 T	Vinyl Acetate	1.132	1.142	-0.9	98	0.00
24 P	1,1-Dichloroethane	1.120	1.008	10.0	97	0.00
25 T	2-Butanone	0.258	0.272	-5.4	109	0.00
26 T	2,2-Dichloropropane	0.749	0.825	-10.1	121	0.00
27 T	cis-1,2-Dichloroethene	0.655	0.605	7.6	97	0.00
28 T	Bromochloromethane	0.510	0.493	3.3	100	0.00
29 T	Tetrahydrofuran	0.135	0.141	-4.4	104	0.00
30 C	Chloroform	1.135	1.009	11.1#	96	0.00
31 T	Cyclohexane	1.095	0.906	17.3	96	0.00
32 T	1,1,1-Trichloroethane	0.955	0.856	10.4	95	0.00
33 S	1,2-Dichloroethane-d4	0.630	0.570	9.5	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.399	0.383	4.0	92	0.00
36 T	1,1-Dichloropropene	0.557	0.568	-2.0	98	0.00
37 T	Ethyl Acetate	0.315	0.339	-7.6	102	0.00
38 T	Carbon Tetrachloride	0.577	0.556	3.6	97	0.00
39 T	Methylcyclohexane	0.576	0.620	-7.6	98	0.00
40 TM	Benzene	1.693	1.679	0.8	96	0.00
41 T	Methacrylonitrile	0.170	0.171	-0.6	92	0.00
42 TM	1,2-Dichloroethane	0.519	0.512	1.3	98	0.00
43 T	Isopropyl Acetate	0.573	0.586	-2.3	99	0.00
44 TM	Trichloroethene	0.454	0.440	3.1	96	0.00
45 C	1,2-Dichloropropane	0.451	0.443	1.8#	97	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.266	0.263	1.1	100	0.00
47 T	Bromodichloromethane	0.569	0.553	2.8	96	0.00
48 T	Methyl methacrylate	0.289	0.301	-4.2	101	0.00
49 T	1,4-Dioxane	0.004	0.004	0.0	107	0.00
50 S	Toluene-d8	1.502	1.455	3.1	93	0.00
51 T	4-Methyl-2-Pentanone	0.388	0.421	-8.5	101	0.00
52 CM	Toluene	1.011	1.043	-3.2#	97	0.00
53 T	t-1,3-Dichloropropene	0.530	0.562	-6.0	101	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.654	-7.6	100	0.00
55 T	1,1,2-Trichloroethane	0.378	0.376	0.5	98	0.00
56 T	Ethyl methacrylate	0.427	0.473	-10.8	99	0.00
57 T	1,3-Dichloropropane	0.619	0.637	-2.9	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.200	0.230	-15.0	100	0.00
59 T	2-Hexanone	0.250	0.285	-14.0	104	0.00
60 T	Dibromochloromethane	0.417	0.428	-2.6	99	0.00
61 T	1,2-Dibromoethane	0.360	0.372	-3.3	99	0.00
62 S	4-Bromofluorobenzene	0.496	0.491	1.0	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.464	0.447	3.7	95	0.00
65 PM	Chlorobenzene	1.244	1.226	1.4	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.466	0.451	3.2	97	0.00
67 C	Ethyl Benzene	2.009	2.112	-5.1#	97	0.00
68 T	m/p-Xylenes	0.768	0.818	-6.5	97	0.00
69 T	o-Xylene	0.733	0.777	-6.0	97	0.00
70 T	Styrene	1.177	1.293	-9.9	98	0.00
71 P	Bromoform	0.309	0.315	-1.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.907	3.916	-0.2	98	0.00
74 T	N-amyl acetate	1.016	1.029	-1.3	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.068	0.950	11.0	101	0.00
76 T	1,2,3-Trichloropropane	0.899	0.761	15.4	98	0.00
77 T	Bromobenzene	1.061	1.007	5.1	98	0.00
78 T	n-propylbenzene	4.356	4.536	-4.1	99	0.00
79 T	2-Chlorotoluene	2.716	2.687	1.1	98	0.00
80 T	1,3,5-Trimethylbenzene	3.128	3.272	-4.6	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.225	0.240	-6.7	108	0.00
82 T	4-Chlorotoluene	2.684	2.724	-1.5	98	0.00
83 T	tert-Butylbenzene	2.715	2.751	-1.3	100	0.00
84 T	1,2,4-Trimethylbenzene	3.139	3.326	-6.0	98	0.00
85 T	sec-Butylbenzene	3.548	3.738	-5.4	100	0.00
86 T	p-Isopropyltoluene	3.006	3.297	-9.7	101	0.00
87 T	1,3-Dichlorobenzene	1.806	1.785	1.2	99	0.00
88 T	1,4-Dichlorobenzene	1.792	1.741	2.8	99	0.00
89 T	n-Butylbenzene	2.428	2.678	-10.3	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.605	0.559	7.6	101	0.00
91 T	1,2-Dichlorobenzene	1.762	1.721	2.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.139	0.139	0.0	103	0.00
93 T	1,2,4-Trichlorobenzene	0.767	0.843	-9.9	98	0.00
94 T	Hexachlorobutadiene	0.540	0.551	-2.0	110	0.00
95 T	Naphthalene	1.531	1.635	-6.8	91	0.00
96 T	1,2,3-Trichlorobenzene	0.745	0.795	-6.7	96	0.00

(#) = Out of Range

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