

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072319\
 Data File : VN056869.D
 Acq On : 23 Jul 2019 9:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 24 01:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 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	114	0.00
2 T	Dichlorodifluoromethane	0.556	0.590	-6.1	104	0.00
3 P	Chloromethane	0.698	0.636	8.9	99	0.00
4 C	Vinyl Chloride	0.641	0.620	3.3#	102	0.00
5 T	Bromomethane	0.390	0.360	7.7	105	0.01
6 T	Chloroethane	0.351	0.333	5.1	105	0.00
7 T	Trichlorofluoromethane	0.783	0.764	2.4	108	0.00
8 T	Diethyl Ether	0.292	0.270	7.5	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.482	0.4	110	0.00
10 T	Methyl Iodide	0.639	0.669	-4.7	107	0.00
11 T	Tert butyl alcohol	0.076	0.077	-1.3	109	0.00
12 CM	1,1-Dichloroethene	0.485	0.471	2.9#	108	0.00
13 T	Acrolein	0.063	0.057	9.5	97	0.00
14 T	Allyl chloride	0.798	0.764	4.3	106	0.00
15 T	Acrylonitrile	0.228	0.226	0.9	105	0.00
16 T	Acetone	0.192	0.219	-14.1	134	0.00
17 T	Carbon Disulfide	1.324	1.263	4.6	105	0.00
18 T	Methyl Acetate	0.753	0.611	18.9	106	0.00
19 T	Methyl tert-butyl Ether	1.434	1.374	4.2	104	0.00
20 T	Methylene Chloride	0.574	0.524	8.7	103	0.00
21 T	trans-1,2-Dichloroethene	0.507	0.497	2.0	108	0.00
22 T	Diisopropyl ether	1.613	1.550	3.9	104	0.00
23 T	Vinyl Acetate	1.165	1.150	1.3	105	0.00
24 P	1,1-Dichloroethane	0.934	0.892	4.5	105	0.00
25 T	2-Butanone	0.282	0.304	-7.8	116	0.00
26 T	2,2-Dichloropropane	0.654	0.668	-2.1	114	0.00
27 T	cis-1,2-Dichloroethene	0.581	0.557	4.1	105	0.00
28 T	Bromochloromethane	0.424	0.407	4.0	105	0.00
29 T	Tetrahydrofuran	0.194	0.194	0.0	107	0.00
30 C	Chloroform	0.937	0.867	7.5#	104	0.00
31 T	Cyclohexane	0.907	0.859	5.3	106	0.00
32 T	1,1,1-Trichloroethane	0.758	0.733	3.3	106	0.00
33 S	1,2-Dichloroethane-d4	0.533	0.504	5.4	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.317	0.324	-2.2	111	0.00
36 T	1,1-Dichloropropene	0.461	0.480	-4.1	107	0.00
37 T	Ethyl Acetate	0.372	0.410	-10.2	107	0.00
38 T	Carbon Tetrachloride	0.439	0.446	-1.6	105	0.00
39 T	Methylcyclohexane	0.577	0.614	-6.4	110	0.00
40 TM	Benzene	1.432	1.432	0.0	104	0.00
41 T	Methacrylonitrile	0.185	0.183	1.1	103	0.00
42 TM	1,2-Dichloroethane	0.448	0.445	0.7	104	0.00
43 T	Isopropyl Acetate	0.639	0.654	-2.3	105	0.00
44 TM	Trichloroethene	0.384	0.394	-2.6	106	0.00
45 C	1,2-Dichloropropane	0.386	0.379	1.8#	103	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	0.241	-1.3	106	0.00
47 T	Bromodichloromethane	0.448	0.460	-2.7	105	0.00
48 T	Methyl methacrylate	0.320	0.326	-1.9	103	0.00
49 T	1,4-Dioxane	0.006	0.007	-16.7	109	0.00
50 S	Toluene-d8	1.212	1.237	-2.1	110	0.00
51 T	4-Methyl-2-Pentanone	0.381	0.407	-6.8	107	0.00
52 CM	Toluene	0.862	0.887	-2.9#	104	0.00
53 T	t-1,3-Dichloropropene	0.460	0.493	-7.2	106	0.00
54 T	cis-1,3-Dichloropropene	0.542	0.570	-5.2	106	0.00
55 T	1,1,2-Trichloroethane	0.342	0.340	0.6	104	0.00
56 T	Ethyl methacrylate	0.475	0.519	-9.3	108	0.00
57 T	1,3-Dichloropropane	0.566	0.576	-1.8	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.199	0.220	-10.6	107	0.00
59 T	2-Hexanone	0.264	0.305	-15.5	115	0.00
60 T	Dibromochloromethane	0.343	0.366	-6.7	106	0.00
61 T	1,2-Dibromoethane	0.340	0.356	-4.7	104	0.00
62 S	4-Bromofluorobenzene	0.397	0.420	-5.8	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.429	0.448	-4.4	109	0.00
65 PM	Chlorobenzene	1.039	1.056	-1.6	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.389	0.8	104	0.00
67 C	Ethyl Benzene	1.794	1.876	-4.6#	105	0.00
68 T	m/p-Xylenes	0.672	0.714	-6.2	106	0.00
69 T	o-Xylene	0.656	0.675	-2.9	103	0.00
70 T	Styrene	1.046	1.168	-11.7	106	0.00
71 P	Bromoform	0.271	0.285	-5.2	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	4.361	3.877	11.1	105	0.00
74 T	N-amyl acetate	1.468	1.355	7.7	108	0.00
75 P	1,1,2,2-Tetrachloroethane	1.289	1.088	15.6	105	0.00
76 T	1,2,3-Trichloropropane	1.036	0.977	5.7	111	0.00
77 T	Bromobenzene	1.091	1.017	6.8	106	0.00
78 T	n-propylbenzene	4.596	4.542	1.2	112	0.00
79 T	2-Chlorotoluene	2.875	2.561	10.9	106	0.00
80 T	1,3,5-Trimethylbenzene	3.637	3.381	7.0	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.329	-1.5	110	0.00
82 T	4-Chlorotoluene	2.734	2.640	3.4	110	0.00
83 T	tert-Butylbenzene	3.188	2.909	8.8	110	0.00
84 T	1,2,4-Trimethylbenzene	3.464	3.363	2.9	111	0.00
85 T	sec-Butylbenzene	4.071	3.903	4.1	111	0.00
86 T	p-Isopropyltoluene	3.626	3.628	-0.1	115	0.00
87 T	1,3-Dichlorobenzene	1.748	1.737	0.6	112	0.00
88 T	1,4-Dichlorobenzene	1.698	1.715	-1.0	114	0.00
89 T	n-Butylbenzene	2.788	3.072	-10.2	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.633	0.569	10.1	106	0.00
91 T	1,2-Dichlorobenzene	1.757	1.682	4.3	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.191	0.184	3.7	112	0.00
93 T	1,2,4-Trichlorobenzene	0.760	0.950	-25.0	126	0.00
94 T	Hexachlorobutadiene	0.688	0.653	5.1	118	0.00
95 T	Naphthalene	1.997	2.300	-15.2	116	0.00
96 T	1,2,3-Trichlorobenzene	0.838	0.971	-15.9	120	0.00

(#) = Out of Range

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