Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022119\
Data File : VN053878.D
Acq On : 21 Feb 2019 8:34
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC050

Quant Time: Feb 22 03:45:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 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	105	0.00
2	T	Dichlorodifluoromethane	0.434	0.409	5.8	98	0.00
3	P	Chloromethane	0.540	0.494	8.5	93	0.00
4	C	Vinyl Chloride	0.580	0.554	4.5#	101	0.00
5	T	Bromomethane	0.425	0.407	4.2	105	0.00
6	T	Chloroethane	0.375	0.359	4.3	104	0.00
7	T	Trichlorofluoromethane	0.823	0.788	4.3	105	0.00
8	T	Diethyl Ether	0.289	0.258	10.7	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.496	0.463	6.7	106	0.00
10	T	Methyl Iodide	0.736	0.677	8.0	95	0.00
11	T	Tert butyl alcohol	0.032	0.027	15.6	97	0.00
12	CM	1,1-Dichloroethene	0.464	0.431	7.1#	101	0.00
13	T	Acrolein	0.023	0.010	56.5#	32#	0.00
14	T	Allyl chloride	0.702	0.672	4.3	100	0.00
15	T	Acrylonitrile	0.161	0.149	7.5	95	0.00
16	T	Acetone	0.141	0.147	-4.3	116	0.00
17	T	Carbon Disulfide	1.437	1.337	7.0	100	0.00
18	T	Methyl Acetate	0.332	0.279	16.0	96	0.00
19	T	Methyl tert-butyl Ether	1.177	1.107	5.9	96	0.00
20	T	Methylene Chloride	0.526	0.478	9.1	99	0.00
21	T	trans-1,2-Dichloroethene	0.487	0.468	3.9	101	0.00
22	T	Diisopropyl ether	1.309	1.300	0.7	99	0.00
23	T	Vinyl Acetate	0.941	0.919	2.3	97	0.00
24	P	1,1-Dichloroethane	0.886	0.832	6.1	100	0.00
25	T	2-Butanone	0.181	0.174	3.9	100	0.00
26	T	2,2-Dichloropropane	0.673	0.650	3.4	102	0.00
27	T	cis-1,2-Dichloroethene	0.546	0.522	4.4	99	0.00
28	T	Bromochloromethane	0.387	0.375	3.1	100	0.00
29	T	Tetrahydrofuran	0.117	0.107	8.5	94	0.00
30	C	Chloroform	0.891	0.831	6.7#	100	0.00
31	T	Cyclohexane	0.924	0.795	14.0	103	0.00
32	T	1,1,1-Trichloroethane	0.762	0.719	5.6	101	0.00
33	S	1,2-Dichloroethane-d4	0.511	0.477	6.7	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.328	0.322	1.8	99	0.00
36	T	1,1-Dichloropropene	0.458	0.458	0.0	104	0.00
37	T	Ethyl Acetate	0.253	0.247	2.4	93	0.00
38	T	Carbon Tetrachloride	0.490	0.449	8.4	100	0.00
39	T	Methylcyclohexane	0.528	0.565	-7.0	103	0.00
40	TM	Benzene	1.355	1.358	-0.2	99	0.00
41	T	Methacrylonitrile	0.138	0.114	17.4	70	-0.02
42	TM	1,2-Dichloroethane	0.404	0.396	2.0	100	0.00
43	T	Isopropyl Acetate	0.489	0.419	14.3	93	0.00
44	TM	Trichloroethene	0.379	0.390	-2.9	102	0.00
45	C	1,2-Dichloropropane	0.346	0.349	-0.9#	100	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.208	0.208	0.0	98	0.00
47	T	Bromodichloromethane	0.439	0.440	-0.2	98	0.00
48	T	Methyl methacrylate	0.210	0.208	1.0	95	0.00
49	T	1,4-Dioxane	0.003	0.003	0.0	102	0.00
50	S	Toluene-d8	1.185	1.213	-2.4	96	0.00
51	T	4-Methyl-2-Pentanone	0.227	0.228	-0.4	89	0.00
52	CM	Toluene	0.803	0.828	-3.1#	96	0.00
53	T	t-1,3-Dichloropropene	0.427	0.447	-4.7	97	0.00
54	T	cis-1,3-Dichloropropene	0.503	0.523	-4.0	92	0.00
55	T	1,1,2-Trichloroethane	0.294	0.289	1.7	93	0.00
56	T	Ethyl methacrylate	0.330	0.336	-1.8	90	0.00
57	T	1,3-Dichloropropane	0.494	0.491	0.6	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.153	-5.5	94	0.00
59	T	2-Hexanone	0.153	0.152	0.7	87	0.00
60	T	Dibromochloromethane	0.343	0.345	-0.6	91	0.00
61	T	1,2-Dibromoethane	0.292	0.284	2.7	89	0.00
62	S	4-Bromofluorobenzene	0.391	0.416	-6.4	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64	T	Tetrachloroethene	0.447	0.441	1.3	93	0.00
65	PM	Chlorobenzene	1.047	1.036	1.1	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.382	0.385	-0.8	92	0.00
67	C	Ethyl Benzene	1.694	1.738	-2.6#	92	0.00
68	T	m/p-Xylenes	0.656	0.686	-4.6	92	0.00
69	T	o-Xylene	0.631	0.675	-7.0	95	0.00
70	T	Styrene	0.991	1.103	-11.3	95	0.00
71	P	Bromoform	0.271	0.276	-1.8	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.522	3.280	6.9	95	0.00
74	T	N-amyl acetate	0.809	0.722	10.8	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.833	0.714	14.3	89	0.00
76	T	1,2,3-Trichloropropane	0.734	0.590	19.6	84	0.00
77	T	Bromobenzene	0.945	0.867	8.3	94	0.00
78	T	n-propylbenzene	3.939	3.880	1.5	97	0.00
79	T	2-Chlorotoluene	2.375	2.419	-1.9	103	0.00
80	T	1,3,5-Trimethylbenzene	2.924	3.075	-5.2	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.201	9.5	90	0.00
82	T	4-Chlorotoluene	2.366	2.472	-4.5	104	0.00
83	T	tert-Butylbenzene	2.625	2.654	-1.1	102	0.00
84	T	1,2,4-Trimethylbenzene	2.932	3.120	-6.4	104	0.00
85	T	sec-Butylbenzene	3.535	3.660	-3.5	104	0.00
86	T	p-Isopropyltoluene	3.068	3.254	-6.1	104	0.00
87	T	1,3-Dichlorobenzene	1.649	1.673	-1.5	103	0.00
88	T	1,4-Dichlorobenzene	1.659	1.645	0.8	103	0.00
89	T	n-Butylbenzene	2.523	2.779	-10.1	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.586	0.539	8.0	100	0.00
91 T	1,2-Dichlorobenzene	1.618	1.613	0.3	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.122	0.112	8.2	97	0.00
93 T	1,2,4-Trichlorobenzene	0.830	0.885	-6.6	106	0.00
94 T	Hexachlorobutadiene	0.675	0.604	10.5	108	0.00
95 T	Naphthalene	1.550	1.577	-1.7	97	0.00
96 T	1,2,3-Trichlorobenzene	0.806	0.832	-3.2	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6