Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
Data File : VN052889.D
Acq On : 14 Dec 2018 15:21
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC050

Quant Time: Dec 15 03:21:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
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	120	0.00
2	T	Dichlorodifluoromethane	0.515	0.510	1.0	119	0.00
3	P	Chloromethane	0.618	0.577	6.6	113	0.00
4	C	Vinyl Chloride	0.618	0.599	3.1#	116	0.00
5	T	Bromomethane	0.381	0.357	6.3	119	0.00
6	T	Chloroethane	0.365	0.354	3.0	118	0.00
7	T	Trichlorofluoromethane	0.766	0.760	0.8	119	0.00
8	T	Diethyl Ether	0.279	0.270	3.2	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.475	0.484	-1.9	124	0.00
10	T	Methyl Iodide	0.665	0.661	0.6	117	0.00
11	T	Tert butyl alcohol	0.030	0.025	16.7	108	0.00
12	CM	1,1-Dichloroethene	0.460	0.447	2.8#	116	0.00
13	T	Acrolein	0.028	0.009	67.9#	38#	0.00
14	T	Allyl chloride	0.751	0.738	1.7	120	0.00
15	T	Acrylonitrile	0.167	0.150	10.2	106	0.00
16	T	Acetone	0.119	0.098	17.6	102	0.00
17	T	Carbon Disulfide	1.412	1.321	6.4	114	0.00
18	T	Methyl Acetate	0.438	0.403	8.0	113	0.00
19	T	Methyl tert-butyl Ether	1.248	1.184	5.1	113	0.00
20	T	Methylene Chloride	0.537	0.504	6.1	116	0.00
21	T	trans-1,2-Dichloroethene	0.498	0.477	4.2	117	0.00
22	T	Diisopropyl ether	1.602	1.538	4.0	114	0.00
23	T	Vinyl Acetate	0.953	0.854	10.4	106	0.00
24	P	1,1-Dichloroethane	0.924	0.889	3.8	116	0.00
25	T	2-Butanone	0.185	0.159	14.1	105	0.00
26	T	2,2-Dichloropropane	0.680	0.688	-1.2	121	0.00
27	T	cis-1,2-Dichloroethene	0.565	0.546	3.4	116	0.00
28	T	Bromochloromethane	0.415	0.410	1.2	117	0.00
29	T	Tetrahydrofuran	0.126	0.111	11.9	106	0.00
30	C	Chloroform	0.901	0.880	2.3#	118	0.00
31	T	Cyclohexane	1.030	0.873	15.2	119	0.00
32	T	1,1,1-Trichloroethane	0.754	0.739	2.0	118	0.00
33	S	1,2-Dichloroethane-d4	0.532	0.521	2.1	121	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
35	S	Dibromofluoromethane	0.279	0.227	18.6	100	0.00
36	T	1,1-Dichloropropene	0.460	0.470	-2.2	119	0.00
37	T	Ethyl Acetate	0.277	0.252	9.0	104	0.00
38	T	Carbon Tetrachloride	0.424	0.423	0.2	116	0.00
39	T	Methylcyclohexane	0.565	0.590	-4.4	123	0.00
40	TM	Benzene	1.382	1.381	0.1	116	0.00
41	T	Methacrylonitrile	0.153	0.155	-1.3	122	0.00
42	TM	1,2-Dichloroethane	0.416	0.408	1.9	114	0.00
43	T	Isopropyl Acetate	0.567	0.482	15.0	108	0.00
44	TM	Trichloroethene	0.373	0.409	-9.7	130	0.00
45	C	1,2-Dichloropropane	0.362	0.364	-0.6#	116	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	0.210	0.206	1.9	115	0.00
47	T	Bromodichloromethane	0.435	0.439	-0.9	115	0.00
48	T	Methyl methacrylate	0.249	0.245	1.6	111	0.00
49	T	1,4-Dioxane	0.003	0.003	0.0	112	0.00
50	S	Toluene-d8	1.210	1.287	-6.4	126	0.00
51	T	4-Methyl-2-Pentanone	0.260	0.245	5.8	107	0.00
52	CM	Toluene	0.837	0.861	-2.9#	118	0.00
53	T	t-1,3-Dichloropropene	0.438	0.455	-3.9	116	0.00
54	T	cis-1,3-Dichloropropene	0.522	0.536	-2.7	117	0.00
55	T	1,1,2-Trichloroethane	0.299	0.294	1.7	115	0.00
56	T	Ethyl methacrylate	0.383	0.387	-1.0	113	0.00
57	T	1,3-Dichloropropane	0.512	0.508	0.8	115	0.00
58	T	2-Chloroethyl Vinyl ether	0.214	0.211	1.4	110	0.00
59	T	2-Hexanone	0.178	0.166	6.7	105	0.00
60	T	Dibromochloromethane	0.323	0.324	-0.3	114	0.00
61	T	1,2-Dibromoethane	0.295	0.294	0.3	114	0.00
62	S	4-Bromofluorobenzene	0.410	0.443	-8.0	127	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64	T	Tetrachloroethene	0.430	0.567	-31.9#	155#	0.00
65	PM	Chlorobenzene	1.037	1.059	-2.1	121	0.00
66	T	1,1,1,2-Tetrachloroethane	0.361	0.365	-1.1	118	0.00
67	C	Ethyl Benzene	1.781	1.845	-3.6#	119	0.00
68	T	m/p-Xylenes	0.669	0.700	-4.6	120	0.00
69	T	o-Xylene	0.653	0.681	-4.3	120	0.00
70	T	Styrene	1.050	1.116	-6.3	120	0.00
71	P	Bromoform	0.245	0.237	3.3	109	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
73	T	Isopropylbenzene	3.733	3.937	-5.5	121	0.00
74	T	N-amyl acetate	1.025	1.046	-2.0	114	0.00
75	P	1,1,2,2-Tetrachloroethane	0.837	0.628	25.0	89	0.00
76	T	1,2,3-Trichloropropane	0.738	0.700	5.1	111	0.00
77	T	Bromobenzene	0.950	0.985	-3.7	121	0.00
78	T	n-propylbenzene	4.258	4.517	-6.1	120	0.00
79	T	2-Chlorotoluene	2.517	2.584	-2.7	119	0.00
80	T	1,3,5-Trimethylbenzene	3.014	3.149	-4.5	119	0.00
81	T	trans-1,4-Dichloro-2-butene	0.230	0.238	-3.5	116	0.00
82	T	4-Chlorotoluene	2.574	2.677	-4.0	120	0.00
83	T	tert-Butylbenzene	2.658	2.764	-4.0	119	0.00
84	T	1,2,4-Trimethylbenzene	3.051	3.183	-4.3	119	0.00
85	T	sec-Butylbenzene	3.600	3.799	-5.5	121	0.00
86	T	p-Isopropyltoluene	3.119	3.302	-5.9	120	0.00
87	T	1,3-Dichlorobenzene	1.687	1.719	-1.9	118	0.00
88	T	1,4-Dichlorobenzene	1.671	1.697	-1.6	118	0.00
89	T	n-Butylbenzene	2.626	2.852	-8.6	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.522	0.471	9.8	104	0.00
91 T	1,2-Dichlorobenzene	1.623	1.593	1.8	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.110	12.7	99	0.00
93 T	1,2,4-Trichlorobenzene	0.882	0.880	0.2	112	0.00
94 T	Hexachlorobutadiene	0.511	0.496	2.9	117	0.00
95 T	Naphthalene	1.827	1.810	0.9	110	0.00
96 T	1,2,3-Trichlorobenzene	0.810	0.768	5.2	107	0.00

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