Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv050420\
Data File : VY002528.D
Acq On : 04 May 2020 10:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: May 04 14:46:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
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	104	-0.01
2	T	Dichlorodifluoromethane	0.380	0.466	-22.6	108	0.00
3	P	Chloromethane	0.405	0.478	-18.0	109	0.00
4	C	Vinyl Chloride	0.468	0.547	-16.9#	109	0.00
5	T	Bromomethane	0.323	0.343	-6.2	107	-0.01
6	T	Chloroethane	0.279	0.298	-6.8	103	0.00
7	T	Trichlorofluoromethane	0.725	0.781	-7.7	107	-0.01
8	T	Diethyl Ether	0.244	0.264	-8.2	107	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.443	0.474	-7.0	107	-0.01
10	T	Methyl Iodide	0.604	0.638	-5.6	97	-0.01
11	T	Tert butyl alcohol	0.043	0.044	-2.3	108	-0.01
12	CM	1,1-Dichloroethene	0.430	0.468	-8.8#	109	-0.01
13	T	Acrolein	0.030	0.040	-33.3#	127	0.00
14	T	Allyl chloride	0.627	0.686	-9.4	108	-0.01
15	T	Acrylonitrile	0.115	0.127	-10.4	110	-0.02
16	T	Acetone	0.087	0.103	-18.4	118	0.00
17	T	Carbon Disulfide	1.295	1.456	-12.4	107	-0.01
18	T	Methyl Acetate	0.290	0.310	-6.9	110	-0.01
19	T	Methyl tert-butyl Ether	1.123	1.222	-8.8	108	-0.01
20	T	Methylene Chloride	0.485	0.494	-1.9	108	-0.01
21	T	trans-1,2-Dichloroethene	0.470	0.511	-8.7	108	-0.02
22	T	Diisopropyl ether	1.269	1.358	-7.0	107	-0.01
23	T	Vinyl Acetate	0.798	0.878	-10.0	107	-0.02
24	P	1,1-Dichloroethane	0.751	0.798	-6.3	105	-0.01
25	T	2-Butanone	0.142	0.153	-7.7	107	-0.02
26	T	2,2-Dichloropropane	0.714	0.747	-4.6	109	-0.02
27	T	cis-1,2-Dichloroethene	0.521	0.551	-5.8	107	-0.02
28	T	Bromochloromethane	0.308	0.332	-7.8	112	0.00
29	T	Tetrahydrofuran	0.094	0.104	-10.6	109	-0.01
30	C	Chloroform	0.781	0.824	-5.5#	106	-0.01
31	T	Cyclohexane	0.756	0.775	-2.5	107	-0.01
32	T	1,1,1-Trichloroethane	0.726	0.769	-5.9	107	0.00
33	S	1,2-Dichloroethane-d4	0.420	0.417	0.7	104	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	-0.01
35	S	Dibromofluoromethane	0.286	0.284	0.7	103	-0.01
36	T	1,1-Dichloropropene	0.419	0.452	-7.9	107	-0.01
37	T	Ethyl Acetate	0.215	0.240	-11.6	111	-0.01
38	T	Carbon Tetrachloride	0.458	0.494	-7.9	107	-0.01
39	T	Methylcyclohexane	0.554	0.598	-7.9	107	-0.01
40	TM	Benzene	1.211	1.296	-7.0	107	0.00
41	T	Methacrylonitrile	0.116	0.145	-25.0	110	-0.01
42	TM	1,2-Dichloroethane	0.340	0.360	-5.9	104	-0.01
43	T	Isopropyl Acetate	0.404	0.447	-10.6	109	-0.01
44	TM	Trichloroethene	0.378	0.407	-7.7	108	-0.01
45	C	1,2-Dichloropropane	0.292	0.311	-6.5#	106	-0.01

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.168	0.182	-8.3	107	-0.01
47	T	Bromodichloromethane	0.409	0.441	-7.8	107	-0.01
48	T	Methyl methacrylate	0.183	0.203	-10.9	107	0.00
49	T	1,4-Dioxane	0.002	0.003	-50.0#	110	-0.01
50	S	Toluene-d8	1.117	1.112	0.4	104	-0.01
51	T	4-Methyl-2-Pentanone	0.208	0.232	-11.5	107	-0.01
52	CM	Toluene	0.778	0.823	-5.8#	106	0.00
53	T	t-1,3-Dichloropropene	0.428	0.472	-10.3	108	0.00
54	T	cis-1,3-Dichloropropene	0.495	0.535	-8.1	107	-0.01
55	T	1,1,2-Trichloroethane	0.245	0.265	-8.2	107	0.00
56	T	Ethyl methacrylate	0.326	0.360	-10.4	106	-0.01
57	T	1,3-Dichloropropane	0.416	0.442	-6.3	105	-0.01
58	T	2-Chloroethyl Vinyl ether	0.172	0.192	-11.6	118	-0.01
59	T	2-Hexanone	0.143	0.160	-11.9	106	0.00
60	T	Dibromochloromethane	0.312	0.336	-7.7	106	-0.01
61	T	1,2-Dibromoethane	0.243	0.261	-7.4	108	-0.01
62	S	4-Bromofluorobenzene	0.379	0.372	1.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.444	0.496	-11.7	109	0.00
65	PM	Chlorobenzene	0.950	1.018	-7.2	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.353	0.384	-8.8	106	0.00
67	C	Ethyl Benzene	1.670	1.794	-7.4#	105	0.00
68	T	m/p-Xylenes	0.646	0.696	-7.7	106	0.00
69	T	o-Xylene	0.605	0.656	-8.4	107	0.00
70	T	Styrene	1.034	1.135	-9.8	106	0.00
71	P	Bromoform	0.219	0.248	-13.2	107	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.240	3.436	-6.0	105	0.00
74	T	N-amyl acetate	0.780	0.882	-13.1	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.515	0.547	-6.2	103	0.00
76	T	1,2,3-Trichloropropane	0.444	0.514	-15.8	109	0.00
77	T	Bromobenzene	0.810	0.861	-6.3	105	0.00
78	T	n-propylbenzene	3.761	4.021	-6.9	106	0.00
79	T	2-Chlorotoluene	2.083	2.209	-6.0	106	0.00
80	T	1,3,5-Trimethylbenzene	2.686	2.886	-7.4	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.253	-14.0	110	0.00
82	T	4-Chlorotoluene	2.188	2.323	-6.2	106	0.00
83	T	tert-Butylbenzene	2.355	2.576	-9.4	107	0.00
84	T	1,2,4-Trimethylbenzene	2.677	2.870	-7.2	106	0.00
85	T	sec-Butylbenzene	3.268	3.497	-7.0	105	0.00
86	T	p-Isopropyltoluene	3.062	3.285	-7.3	105	0.00
87	T	1,3-Dichlorobenzene	1.532	1.640	-7.0	107	0.00
88	T	1,4-Dichlorobenzene	1.517	1.612	-6.3	105	0.00
89	T	n-Butylbenzene	2.788	2.992	-7.3	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.558	0.605	-8.4	107	0.00
91 T	1,2-Dichlorobenzene	1.367	1.451	-6.1	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.107	-11.5	109	0.00
93 T	1,2,4-Trichlorobenzene	0.993	1.062	-6.9	106	0.00
94 T	Hexachlorobutadiene	0.596	0.634	-6.4	107	0.00
95 T	Naphthalene	1.811	1.990	-9.9	106	0.00
96 T	1,2,3-Trichlorobenzene	0.843	0.900	-6.8	106	0.00

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