Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052219\
Data File : VD062497.D
Acq On : 22 May 2019 12:00
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: May 23 03:32:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	104	-0.03
2	T	Dichlorodifluoromethane	0.556	0.560	-0.7	125	0.00
3	P	Chloromethane	0.346	0.314	9.2	103	0.00
4	C	Vinyl Chloride	0.364	0.335	8.0#	100	-0.02
5	T	Bromomethane	0.157	0.135	14.0	92	0.00
6	T	Chloroethane	0.176	0.133	24.4#	77	-0.03
7	T	Trichlorofluoromethane	0.842	0.517	38.6#	64	0.00
8	T	Diethyl Ether	0.114	0.074	35.1#	72	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.501	0.328	34.5#	68	-0.02
10	T	Methyl Iodide	0.699	0.624	10.7	86	-0.02
11	T	Tert butyl alcohol	0.025	0.026	-4.0	112	-0.04
12	CM	1,1-Dichloroethene	0.370	0.234	36.8#	66	-0.02
13	T	Acrolein	0.021	0.014	33.3#	76	-0.02
14	T	Allyl chloride	0.546	0.445	18.5	90	-0.02
15	T	Acrylonitrile	0.057	0.062	-8.8	123	-0.04
16	T	Acetone	0.096	0.105	-9.4	108	-0.03
17	T	Carbon Disulfide	1.121	0.939	16.2	88	-0.02
18	T	Methyl Acetate	0.166	0.128	22.9#	86	-0.03
19	T	Methyl tert-butyl Ether	0.855	0.994	-16.3	126	-0.02
20	T	Methylene Chloride	0.515	0.386	25.0#	96	-0.03
21	T	trans-1,2-Dichloroethene	0.433	0.482	-11.3	120	-0.03
22	T	Diisopropyl ether	1.162	1.316	-13.3	120	-0.04
23	T	Vinyl Acetate	0.702	0.798	-13.7	116	-0.04
24	P	1,1-Dichloroethane	0.748	0.813	-8.7	120	-0.04
25	T	2-Butanone	0.100	0.148	-48.0#	152#	-0.03
26	T	2,2-Dichloropropane	0.807	0.986	-22.2#	127	-0.04
27	T	cis-1,2-Dichloroethene	0.467	0.551	-18.0	124	-0.04
28	T	Bromochloromethane	0.269	0.279	-3.7	109	-0.03
29		Tetrahydrofuran	0.048	0.054	-12.5	120	-0.04
30	C	Chloroform	0.954	1.106	-15.9#	120	-0.03
31	T	Cyclohexane	0.505	0.567	-12.3	114	-0.04
32	T	1,1,1-Trichloroethane	0.963	1.101	-14.3	114	-0.05
33	S	1,2-Dichloroethane-d4	0.535	0.594	-11.0	114	-0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	-0.03
35	S	Dibromofluoromethane	0.451	0.458	-1.6	106	-0.04
36	T	1,1-Dichloropropene	0.478	0.513	-7.3	120	-0.04
37	T	Ethyl Acetate	0.186	0.205	-10.2	120	-0.04
38	T	Carbon Tetrachloride	0.710	0.758	-6.8	116	-0.04
39	T	Methylcyclohexane	0.394	0.462	-17.3	130	-0.03
40	TM	Benzene	0.938	1.019	-8.6	117	-0.04
41	T	Methacrylonitrile	0.233	0.253	-8.6	116	-0.05
42	TM	1,2-Dichloroethane	0.497	0.523	-5.2	115	-0.03
43	T	Isopropyl Acetate	0.246	0.268	-8.9	119	-0.03
44	TM	Trichloroethene	0.375	0.392	-4.5	109	-0.04
45	C	1,2-Dichloropropane	0.229	0.230	-0.4#	112	-0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.207	0.226	-9.2	118	-0.03
47	T	Bromodichloromethane	0.527	0.583	-10.6	116	-0.03
48	T	Methyl methacrylate	0.166	0.184	-10.8	114	-0.04
49	T	1,4-Dioxane	0.001	0.002	-100.0#	115	-0.03
50	S	Toluene-d8	0.987	0.970	1.7	104	-0.03
51	T	4-Methyl-2-Pentanone	0.163	0.175	-7.4	115	-0.03
52	CM	Toluene	0.642	0.698	-8.7#	117	-0.03
53	T	t-1,3-Dichloropropene	0.439	0.478	-8.9	118	-0.03
54	T	cis-1,3-Dichloropropene	0.458	0.505	-10.3	113	-0.03
55	T	1,1,2-Trichloroethane	0.218	0.231	-6.0	120	-0.03
56	T	Ethyl methacrylate	0.233	0.256	-9.9	118	-0.03
57	T	1,3-Dichloropropane	0.334	0.330	1.2	108	-0.03
58	T	2-Chloroethyl Vinyl ether	0.119	0.115	3.4	113	-0.03
59	T	2-Hexanone	0.118	0.149	-26.3#	131	-0.03
60	T	Dibromochloromethane	0.418	0.439	-5.0	110	-0.02
61	T	1,2-Dibromoethane	0.268	0.303	-13.1	120	-0.02
62	S	4-Bromofluorobenzene	0.432	0.415	3.9	101	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	-0.02
64	T	Tetrachloroethene	0.419	0.468	-11.7	110	-0.03
65	PM	Chlorobenzene	0.962	1.066	-10.8	116	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.444	0.497	-11.9	113	-0.02
67	C	Ethyl Benzene	1.656	1.934	-16.8#	118	-0.02
68	T	m/p-Xylenes	0.594	0.639	-7.6	107	-0.02
69	T	o-Xylene	0.561	0.584	-4.1	106	-0.02
70	T	Styrene	0.954	1.033	-8.3	112	-0.02
71	P	Bromoform	0.295	0.342	-15.9	117	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.02
73	T	Isopropylbenzene	3.152	3.506	-11.2	108	-0.02
74	T	N-amyl acetate	0.778	0.907	-16.6	122	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.569	0.662	-16.3	124	-0.02
76	T	1,2,3-Trichloropropane	0.589	0.705	-19.7	125	-0.02
77	T	Bromobenzene	0.894	1.052	-17.7	119	-0.02
78	T	n-propylbenzene	3.651	4.444	-21.7#	133	-0.02
79	T	2-Chlorotoluene	2.215	2.505	-13.1	124	-0.02
80	T	1,3,5-Trimethylbenzene	2.729	2.999	-9.9	111	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.166	0.194	-16.9	123	-0.02
82	T	4-Chlorotoluene	2.551	2.906	-13.9	116	-0.02
83	T	tert-Butylbenzene	3.027	3.406	-12.5	116	-0.02
84	T	1,2,4-Trimethylbenzene	2.796	3.067	-9.7	113	-0.02
85	T	sec-Butylbenzene	3.156	3.501	-10.9	115	-0.02
86	T	p-Isopropyltoluene	2.860	3.314	-15.9	116	-0.02
87	T	1,3-Dichlorobenzene	1.579	1.717	-8.7	107	-0.02
88	T	1,4-Dichlorobenzene	1.524	1.666	-9.3	113	-0.02
89	T	n-Butylbenzene	2.760	3.060	-10.9	116	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.790	0.921	-16.6	120	-0.02
91 T	1,2-Dichlorobenzene	1.343	1.548	-15.3	126	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.116	-7.4	108	-0.02
93 T	1,2,4-Trichlorobenzene	1.057	1.133	-7.2	106	0.00
94 T	Hexachlorobutadiene	0.781	0.843	-7.9	113	-0.02
95 T	Naphthalene	1.444	1.737	-20.3#	119	-0.02
96 T	1,2,3-Trichlorobenzene	0.867	1.004	-15.8	116	-0.02

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