Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041119\
Data File : VD061758.D
Acq On : 12 Apr 2019 1:01
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Apr 12 02:56:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 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	68	-0.01
2	T	Dichlorodifluoromethane	0.539	0.550	-2.0	70	0.00
3	P	Chloromethane	0.436	0.405	7.1	65	-0.01
4	C	Vinyl Chloride	0.407	0.422	-3.7#	73	-0.01
5	T	Bromomethane	0.094	0.106	-12.8	78	-0.01
6	T	Chloroethane	0.128	0.158	-23.4#	74	-0.02
7	T	Trichlorofluoromethane	0.615	0.672	-9.3	78	-0.01
8	T	Diethyl Ether	0.173	0.197	-13.9	77	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.605	0.604	0.2	69	-0.01
10	T	Methyl Iodide	0.757	0.987	-30.4#	74	-0.01
11	T	Tert butyl alcohol	0.025	0.029	-16.0	77	-0.02
12	CM	1,1-Dichloroethene	0.521	0.503	3.5#	65	-0.01
13	T	Acrolein	0.031	0.029	6.5	77	-0.01
14	T	Allyl chloride	0.711	0.774	-8.9	71	-0.02
15	T	Acrylonitrile	0.087	0.091	-4.6	68	-0.03
16	T	Acetone	0.113	0.102	9.7	57	-0.02
17	T	Carbon Disulfide	1.694	1.591	6.1	61	-0.01
18	T	Methyl Acetate	0.213	0.252	-18.3	82	-0.01
19	T	Methyl tert-butyl Ether	0.903	1.040	-15.2	76	-0.01
20	T	Methylene Chloride	0.643	0.632	1.7	74	-0.01
21	T	trans-1,2-Dichloroethene	0.566	0.580	-2.5	66	-0.01
22	T	Diisopropyl ether	1.491	1.676	-12.4	79	-0.03
23	T	Vinyl Acetate	0.822	0.950	-15.6	75	-0.02
24	P	1,1-Dichloroethane	0.913	1.015	-11.2	75	-0.02
25	T	2-Butanone	0.131	0.142	-8.4	72	-0.02
26	T	2,2-Dichloropropane	0.744	0.792	-6.5	71	-0.02
27	T	cis-1,2-Dichloroethene	0.604	0.677	-12.1	74	-0.02
28	T	Bromochloromethane	0.337	0.374	-11.0	72	-0.02
29		Tetrahydrofuran	0.063	0.070	-11.1	77	-0.02
30	C	Chloroform	0.957	1.112	-16.2#	80	-0.02
31	T	Cyclohexane	0.714	0.702	1.7	65	-0.01
32	T	1,1,1-Trichloroethane	0.839	0.934	-11.3	76	-0.01
33	S	1,2-Dichloroethane-d4	0.379	0.359	5.3	65	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	67	-0.01
35	S	Dibromofluoromethane	0.346	0.348	-0.6	66	-0.01
36	T	1,1-Dichloropropene	0.438	0.457	-4.3	66	-0.02
37	T	Ethyl Acetate	0.178	0.225	-26.4#	77	-0.01
38	T	Carbon Tetrachloride	0.513	0.625	-21.8#	80	-0.01
39	T	Methylcyclohexane	0.449	0.460	-2.4	62	-0.01
40	TM	Benzene	1.056	1.211	-14.7	70	-0.02
41	T	Methacrylonitrile	0.208	0.257	-23.6#	78	-0.01
42	TM	1,2-Dichloroethane	0.332	0.431	-29.8#	80	-0.01
43	T	Isopropyl Acetate	0.259	0.304	-17.4	73	-0.01
44	TM	Trichloroethene	0.405	0.445	-9.9	68	-0.01
45	C	1,2-Dichloropropane	0.262	0.309	-17.9#	74	-0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.187	0.236	-26.2#	80	-0.01
47	T	Bromodichloromethane	0.411	0.529	-28.7#	84	-0.01
48	T	Methyl methacrylate	0.149	0.196	-31.5#	84	-0.01
49	T	1,4-Dioxane	0.002	0.002	0.0	76	-0.01
50	S	Toluene-d8	0.870	0.742	14.7	61	-0.01
51	T	4-Methyl-2-Pentanone	0.153	0.197	-28.8#	82	-0.01
52	CM	Toluene	0.659	0.766	-16.2#	73	-0.01
53	T	t-1,3-Dichloropropene	0.360	0.464	-28.9#	78	-0.01
54	T	cis-1,3-Dichloropropene	0.444	0.554	-24.8#	75	-0.02
55	T	1,1,2-Trichloroethane	0.222	0.271	-22.1#	79	-0.01
56	T	Ethyl methacrylate	0.235	0.286	-21.7#	76	-0.01
57	T	1,3-Dichloropropane	0.326	0.390	-19.6	74	0.00
58	T	2-Chloroethyl Vinyl ether	0.111	0.125	-12.6	76	-0.01
59	T	2-Hexanone	0.119	0.128	-7.6	68	-0.01
60	T	Dibromochloromethane	0.351	0.440	-25.4#	78	-0.01
61	T	1,2-Dibromoethane	0.260	0.339	-30.4#	81	-0.01
62	S	4-Bromofluorobenzene	0.328	0.314	4.3	64	-0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	62	-0.01
64	T	Tetrachloroethene	0.388	0.434	-11.9	74	-0.01
65	PM	Chlorobenzene	0.992	1.194	-20.4#	73	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.382	0.482	-26.2#	80	-0.01
67	C	Ethyl Benzene	1.510	1.709	-13.2#	76	-0.01
68	T	m/p-Xylenes	0.582	0.677	-16.3	71	-0.01
69	T	o-Xylene	0.562	0.673	-19.8	75	0.00
70	T	Styrene	0.960	1.070	-11.5	74	-0.01
71	P	Bromoform	0.237	0.305	-28.7#	82	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	-0.01
73	T	Isopropylbenzene	3.332	3.773	-13.2	82	0.00
74	T	N-amyl acetate	0.905	1.048	-15.8	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.689	0.781	-13.4	77	-0.01
76	T	1,2,3-Trichloropropane	0.680	0.771	-13.4	75	-0.01
77	T	Bromobenzene	0.967	1.109	-14.7	77	0.00
78	T	n-propylbenzene	3.985	4.152	-4.2	77	0.00
79	T	2-Chlorotoluene	2.279	2.272	0.3	66	-0.01
80	T	1,3,5-Trimethylbenzene	2.644	2.687	-1.6	71	0.00
81	T	trans-1,4-Dichloro-2-butene	0.206	0.225	-9.2	74	-0.01
82	T	4-Chlorotoluene	2.497	2.611	-4.6	74	-0.01
83	T	tert-Butylbenzene	3.188	3.444	-8.0	71	0.00
84	T	1,2,4-Trimethylbenzene	2.669	2.821	-5.7	74	0.00
85	T	sec-Butylbenzene	3.445	3.746	-8.7	74	0.00
86	T	p-Isopropyltoluene	2.988	3.230	-8.1	73	-0.01
87	T	1,3-Dichlorobenzene	1.664	1.857	-11.6	78	0.00
88	T	1,4-Dichlorobenzene	1.679	1.770	-5.4	74	-0.01
89	T	n-Butylbenzene	2.597	3.017	-16.2	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.811	0.952	-17.4	80	0.00
91 T	1,2-Dichlorobenzene	1.372	1.610	-17.3	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.083	0.111	-33.7#	85	0.00
93 T	1,2,4-Trichlorobenzene	0.699	0.848	-21.3#	79	-0.01
94 T	Hexachlorobutadiene	0.540	0.614	-13.7	69	0.00
95 T	Naphthalene	1.106	1.396	-26.2#	81	-0.01
96 T	1,2,3-Trichlorobenzene	0.349	0.462	-32.4#	79	-0.01

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