Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD083018\
Data File : VD059921.D
Acq On : 30 Aug 2018 11:48
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 30 18:08:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
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	105	-0.03
2	T	Dichlorodifluoromethane	0.447	0.420	6.0	102	0.00
3	P	Chloromethane	0.405	0.367	9.4	103	0.00
4	C	Vinyl Chloride	0.317	0.313	1.3#	105	0.00
5	T	Bromomethane	0.055	0.048	12.7	106	0.00
6	T	Chloroethane	0.098	0.098	0.0	103	0.00
7	T	Trichlorofluoromethane	0.367	0.377	-2.7	108	-0.02
8	T	Diethyl Ether	0.082	0.085	-3.7	107	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.225	0.237	-5.3	115	-0.02
10	T	Methyl Iodide	0.206	0.235	-14.1	98	-0.02
11	T	Tert butyl alcohol	0.032	0.034	-6.3	103	-0.02
12	CM	1,1-Dichloroethene	0.175	0.182	-4.0#	111	-0.02
13	T	Acrolein	0.014	0.012	14.3	81	-0.02
14	T	Allyl chloride	0.396	0.419	-5.8	108	-0.02
15	T	Acrylonitrile	0.120	0.128	-6.7	105	-0.03
16	T	Acetone	0.077	0.092	-19.5	117	-0.02
17	T	Carbon Disulfide	0.544	0.542	0.4	103	-0.02
18	T	Methyl Acetate	0.160	0.174	-8.7	111	-0.03
19	T	Methyl tert-butyl Ether	0.991	1.007	-1.6	101	-0.02
20	T	Methylene Chloride	0.603	0.604	-0.2	123	-0.02
21	T	trans-1,2-Dichloroethene	0.482	0.492	-2.1	106	-0.03
22	T	Diisopropyl ether	2.020	2.079	-2.9	104	-0.02
23	T	Vinyl Acetate	1.129	1.195	-5.8	105	-0.03
24	P	1,1-Dichloroethane	0.873	0.895	-2.5	105	-0.03
25	T	2-Butanone	0.227	0.258	-13.7	106	-0.02
26	T	2,2-Dichloropropane	0.730	0.737	-1.0	110	-0.03
27	T	cis-1,2-Dichloroethene	0.528	0.554	-4.9	107	-0.02
28	T	Bromochloromethane	0.418	0.427	-2.2	102	-0.03
29		Tetrahydrofuran	0.108	0.113	-4.6	103	-0.03
30	C	Chloroform	0.887	0.895	-0.9#	105	-0.03
31	T	Cyclohexane	0.802	0.763	4.9	104	-0.03
32	T	1,1,1-Trichloroethane	0.753	0.757	-0.5	105	-0.02
33	S	1,2-Dichloroethane-d4	0.421	0.431	-2.4	104	-0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.02
35	S	Dibromofluoromethane	0.392	0.403	-2.8	103	-0.03
36	T	1,1-Dichloropropene	0.453	0.474	-4.6	107	-0.03
37	T	Ethyl Acetate	0.353	0.382	-8.2	110	-0.02
38	T	Carbon Tetrachloride	0.457	0.478	-4.6	110	-0.02
39	T	Methylcyclohexane	0.490	0.522	-6.5	106	-0.03
40	TM	Benzene	1.179	1.255	-6.4	108	-0.03
41	T	Methacrylonitrile	0.178	0.177	0.6	94	-0.03
42	TM	1,2-Dichloroethane	0.378	0.399	-5.6	104	-0.03
43	T	Isopropyl Acetate	0.459	0.491	-7.0	102	-0.03
44	TM	Trichloroethene	0.347	0.370	-6.6	108	-0.03
45	C	1,2-Dichloropropane	0.329	0.352	-7.0#	106	-0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.212	0.224	-5.7	104	-0.02
47	T	Bromodichloromethane	0.480	0.502	-4.6	105	-0.02
48	T	Methyl methacrylate	0.267	0.280	-4.9	104	-0.02
49	T	1,4-Dioxane	0.002	0.003	-50.0#	107	-0.03
50	S	Toluene-d8	1.088	1.165	-7.1	106	-0.02
51	T	4-Methyl-2-Pentanone	0.342	0.389	-13.7	104	-0.02
52	CM	Toluene	0.756	0.804	-6.3#	108	-0.03
53	T	t-1,3-Dichloropropene	0.444	0.478	-7.7	107	-0.02
54	T	cis-1,3-Dichloropropene	0.514	0.556	-8.2	109	-0.02
55	T	1,1,2-Trichloroethane	0.276	0.281	-1.8	107	-0.02
56	T	Ethyl methacrylate	0.319	0.344	-7.8	105	-0.02
57	T	1,3-Dichloropropane	0.400	0.436	-9.0	107	-0.02
58	T	2-Chloroethyl Vinyl ether	0.153	0.172	-12.4	117	-0.02
59	T	2-Hexanone	0.252	0.286	-13.5	104	-0.02
60	T	Dibromochloromethane	0.347	0.374	-7.8	106	0.00
61	T	1,2-Dibromoethane	0.279	0.304	-9.0	107	-0.02
62	S	4-Bromofluorobenzene	0.442	0.461	-4.3	105	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	-0.02
64	T	Tetrachloroethene	0.387	0.414	-7.0	108	-0.02
65	PM	Chlorobenzene	0.994	1.054	-6.0	105	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.363	0.380	-4.7	104	0.00
67	C	Ethyl Benzene	1.672	1.739	-4.0#	104	0.00
68	T	m/p-Xylenes	0.609	0.648	-6.4	108	0.00
69	T	o-Xylene	0.595	0.642	-7.9	109	-0.02
70	T	Styrene	1.031	1.108	-7.5	108	0.00
71	P	Bromoform	0.314	0.339	-8.0	105	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.192	3.392	-6.3	109	0.00
74	T	N-amyl acetate	1.398	1.435	-2.6	103	0.00
75	P	1,1,2,2-Tetrachloroethane	0.738	0.822	-11.4	114	-0.02
76	T	1,2,3-Trichloropropane	0.777	0.850	-9.4	108	0.00
77	T	Bromobenzene	0.885	0.990	-11.9	112	0.00
78	T	n-propylbenzene	4.042	4.262	-5.4	108	0.00
79	T	2-Chlorotoluene	2.286	2.377	-4.0	106	0.00
80	T	1,3,5-Trimethylbenzene	2.538	2.571	-1.3	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.242	0.250	-3.3	102	0.00
82	T	4-Chlorotoluene	2.607	2.647	-1.5	105	-0.02
83	T	tert-Butylbenzene	2.891	3.111	-7.6	108	0.00
84	T	1,2,4-Trimethylbenzene	2.645	2.822	-6.7	109	0.00
85	T	sec-Butylbenzene	3.399	3.617	-6.4	106	0.00
86	T	p-Isopropyltoluene	2.765	2.955	-6.9	109	0.00
87	T	1,3-Dichlorobenzene	1.580	1.691	-7.0	109	-0.02
88	T	1,4-Dichlorobenzene	1.576	1.698	-7.7	110	0.00
89	T	n-Butylbenzene	2.782	2.918	-4.9	111	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.742	0.769	-3.6	105	0.00
91 T	1,2-Dichlorobenzene	1.343	1.457	-8.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.120	-5.3	104	-0.02
93 T	1,2,4-Trichlorobenzene	1.150	1.254	-9.0	107	0.00
94 T	Hexachlorobutadiene	0.754	0.826	-9.5	110	0.00
95 T	Naphthalene	1.758	1.903	-8.2	106	0.00
96 T	1,2,3-Trichlorobenzene	0.984	1.058	-7.5	105	0.00

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