Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072718\
Data File : VD059617.D
Acq On : 27 Jul 2018 17:24
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: Jul 28 01:20:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 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	103	0.00
2	T	Dichlorodifluoromethane	0.638	0.551	13.6	103	0.00
3	P	Chloromethane	0.313	0.264	15.7	101	0.00
4	C	Vinyl Chloride	0.325	0.314	3.4#	102	0.00
5	T	Bromomethane	0.062	0.085	-37.1#	116	0.00
6	T	Chloroethane	0.095	0.183	-92.6#	115	0.02
7	T	Trichlorofluoromethane	0.555	0.622	-12.1	113	0.02
8	T	Diethyl Ether	0.098	0.103	-5.1	109	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.292	0.331	-13.4	117	0.02
10	T	Methyl Iodide	0.352	0.389	-10.5	111	0.02
11	T	Tert butyl alcohol	0.025	0.027	-8.0	112	0.02
12	CM	1,1-Dichloroethene	0.212	0.244	-15.1#	112	0.02
13	T	Acrolein	0.013	0.013	0.0	111	0.02
14	T	Allyl chloride	0.514	0.550	-7.0	110	0.02
15	T	Acrylonitrile	0.054	0.062	-14.8	119	0.00
16	T	Acetone	0.095	0.110	-15.8	120	0.00
17	T	Carbon Disulfide	0.842	0.842	0.0	101	0.00
18	T	Methyl Acetate	0.190	0.213	-12.1	123	0.00
19	T	Methyl tert-butyl Ether	0.710	0.769	-8.3	120	0.00
20	T	Methylene Chloride	0.271	0.267	1.5	112	0.00
21	T	trans-1,2-Dichloroethene	0.228	0.248	-8.8	112	0.02
22	T	Diisopropyl ether	1.351	1.311	3.0	107	0.02
23	T	Vinyl Acetate	0.857	0.832	2.9	106	0.02
24	P	1,1-Dichloroethane	0.853	0.879	-3.0	106	0.02
25	T	2-Butanone	0.145	0.144	0.7	114	0.02
26	T	2,2-Dichloropropane	0.873	0.948	-8.6	116	0.02
27	T	cis-1,2-Dichloroethene	0.456	0.465	-2.0	108	0.00
28	T	Bromochloromethane	0.337	0.340	-0.9	102	0.02
29		Tetrahydrofuran	0.067	0.065	3.0	107	0.02
30	C	Chloroform	1.020	1.066	-4.5#	115	0.02
31	T	Cyclohexane	0.656	0.579	11.7	112	0.00
32	T	1,1,1-Trichloroethane	0.988	1.065	-7.8	112	0.00
33	S	1,2-Dichloroethane-d4	0.629	0.629	0.0	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.429	0.488	-13.8	102	0.00
36	T	1,1-Dichloropropene	0.502	0.592	-17.9	119	0.00
37	T	Ethyl Acetate	0.258	0.294	-14.0	108	0.02
38	T	Carbon Tetrachloride	0.687	0.812	-18.2	110	0.02
39	T	Methylcyclohexane	0.461	0.503	-9.1	103	0.00
40	TM	Benzene	1.029	1.157	-12.4	107	0.02
41	T	Methacrylonitrile	0.129	0.141	-9.3	110	0.02
42	TM	1,2-Dichloroethane	0.620	0.711	-14.7	106	0.00
43	T	Isopropyl Acetate	0.358	0.415	-15.9	109	0.00
44	TM	Trichloroethene	0.373	0.419	-12.3	103	0.00
45	C	1,2-Dichloropropane	0.288	0.316	-9.7#	105	0.00

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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)
46	T	Dibromomethane	0.244	0.269	-10.2	105	0.00
47	T	Bromodichloromethane	0.582	0.674	-15.8	108	0.00
48	T	Methyl methacrylate	0.237	0.277	-16.9	107	0.00
49	T	1,4-Dioxane	0.002	0.003	-50.0#	109	0.00
50	S	Toluene-d8	0.973	1.008	-3.6	97	0.02
51	T	4-Methyl-2-Pentanone	0.239	0.260	-8.8	107	0.00
52	CM	Toluene	0.682	0.743	-8.9#	104	0.00
53	T	t-1,3-Dichloropropene	0.525	0.589	-12.2	110	0.00
54	T	cis-1,3-Dichloropropene	0.521	0.590	-13.2	110	0.00
55	T	1,1,2-Trichloroethane	0.256	0.285	-11.3	106	0.00
56	T	Ethyl methacrylate	0.291	0.323	-11.0	103	0.00
57	T	1,3-Dichloropropane	0.407	0.457	-12.3	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.137	0.140	-2.2	92	0.02
59	T	2-Hexanone	0.190	0.203	-6.8	109	0.00
60	T	Dibromochloromethane	0.426	0.487	-14.3	108	0.00
61	T	1,2-Dibromoethane	0.304	0.329	-8.2	104	0.00
62	S	4-Bromofluorobenzene	0.438	0.474	-8.2	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.02
64	T	Tetrachloroethene	0.453	0.489	-7.9	107	0.02
65	PM	Chlorobenzene	1.025	0.994	3.0	96	0.00
66	T	1,1,1,2-Tetrachloroethane	0.446	0.479	-7.4	108	0.00
67	C	Ethyl Benzene	1.762	1.893	-7.4#	108	0.00
68	T	m/p-Xylenes	0.588	0.626	-6.5	109	0.00
69	T	o-Xylene	0.571	0.593	-3.9	105	0.00
70	T	Styrene	0.947	0.999	-5.5	109	0.00
71	P	Bromoform	0.363	0.409	-12.7	108	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73	T	Isopropylbenzene	3.532	3.684	-4.3	114	0.00
74	T	N-amyl acetate	1.210	1.211	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.721	0.766	-6.2	107	0.00
76	T	1,2,3-Trichloropropane	0.827	0.877	-6.0	106	0.00
77	T	Bromobenzene	1.034	1.100	-6.4	107	0.00
78	T	n-propylbenzene	4.292	4.503	-4.9	109	0.00
79	T	2-Chlorotoluene	2.559	2.696	-5.4	108	0.00
80	T	1,3,5-Trimethylbenzene	2.789	2.878	-3.2	107	0.00
81	T	trans-1,4-Dichloro-2-butene	0.211	0.234	-10.9	111	0.00
82	T	4-Chlorotoluene	2.894	3.048	-5.3	109	0.00
83	T	tert-Butylbenzene	3.140	3.164	-0.8	104	0.00
84	T	1,2,4-Trimethylbenzene	2.965	2.956	0.3	102	0.00
85	T	sec-Butylbenzene	3.588	3.685	-2.7	107	0.00
86	T	p-Isopropyltoluene	3.024	3.083	-2.0	106	0.00
87	T	1,3-Dichlorobenzene	1.749	1.849	-5.7	107	0.00
88	T	1,4-Dichlorobenzene	1.685	1.761	-4.5	104	0.00
89	T	n-Butylbenzene	2.919	2.972	-1.8	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.808	0.846	-4.7	105	0.00
91 T	1,2-Dichlorobenzene	1.467	1.415	3.5	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.145	0.167	-15.2	113	0.00
93 T	1,2,4-Trichlorobenzene	1.215	1.314	-8.1	110	0.00
94 T	Hexachlorobutadiene	0.959	1.090	-13.7	114	0.00
95 T	Naphthalene	1.728	1.820	-5.3	111	0.00
96 T	1,2,3-Trichlorobenzene	1.100	1.202	-9.3	114	0.00

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