Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
Data File : VD059794.D
Acq On : 15 Aug 2018 6:30
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 15 17:52:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	20.000	50.559	-152.8#	291	0.02
3	P	Chloromethane	20.000	55.606	-178.0#	318	0.02
4	C	Vinyl Chloride	20.000	54.706	-173.5#	320	0.02
5	T	Bromomethane	20.000	65.610	-228.1#	542	0.02
6	T	Chloroethane	20.000	58.788	-193.9#	442	0.02
7	T	Trichlorofluoromethane	20.000	52.920	-164.6#	326	0.02
8	T	Diethyl Ether	20.000	55.863	-179.3#	322	0.02
9	T	1,1,2-Trichlorotrifluoroeth	20.000	54.814	-174.1#	305	0.02
10	T	Methyl Iodide	20.000	52.619	-163.1#	368	0.02
11	T	Tert butyl alcohol	100.000	296.318	-196.3#	323	0.02
12	CM	1,1-Dichloroethene	20.000	54.288	-171.4#	316	0.02
13	T	Acrolein	100.000	271.600	-171.6#	399	0.02
14	T	Allyl chloride	20.000	54.434	-172.2#	328	0.02
15	T	Acrylonitrile	100.000	288.602	-188.6#	326	0.02
16	T	Acetone	100.000	273.189	-173.2#	326	0.02
17	T	Carbon Disulfide	20.000	58.731	-193.7#	374	0.02
18	T	Methyl Acetate	20.000	54.030	-170.2#	319	0.02
19	T	Methyl tert-butyl Ether	20.000	53.639	-168.2#	290	0.02
20	T	Methylene Chloride	20.000	53.750	-168.8#	270	0.02
21	T	trans-1,2-Dichloroethene	20.000	54.857	-174.3#	317	0.02
22	T	Diisopropyl ether	20.000	53.934	-169.7#	308	0.02
23	T	Vinyl Acetate	100.000	277.057	-177.1#	302	0.02
24	P	1,1-Dichloroethane	20.000	53.335	-166.7#	300	0.02
25	T	2-Butanone	100.000	302.928	-202.9#	374	0.00
26	T	2,2-Dichloropropane	20.000	51.098	-155.5#	281	0.00
27	T	cis-1,2-Dichloroethene	20.000	54.380	-171.9#	298	0.02
28	T	Bromochloromethane	20.000	54.005	-170.0#	308	0.02
29		Tetrahydrofuran	100.000	286.204	-186.2#	309	0.00
30	C	Chloroform	20.000	53.020	-165.1#	299	0.02
31	T	Cyclohexane	20.000	49.229	-146.1#	317	0.00
32	T	1,1,1-Trichloroethane	20.000	53.544	-167.7#	304	0.02
33	S	1,2-Dichloroethane-d4	20.000	56.397	-182.0#	332	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.02
35	S	Dibromofluoromethane	20.000	55.758	-178.8#	325	0.02
36	T	1,1-Dichloropropene	20.000	51.698	-158.5#	292	0.02
37	T	Ethyl Acetate	20.000	56.560	-182.8#	309	0.02
38	T	Carbon Tetrachloride	20.000	51.575	-157.9#	292	0.02
39	T	Methylcyclohexane	20.000	52.050	-160.2#	311	0.02
40	TM	Benzene	20.000	52.767	-163.8#	299	0.00
41	T	Methacrylonitrile	20.000	58.638	-193.2#	347	0.00
42	TM	1,2-Dichloroethane	20.000	56.111	-180.6#	325	0.02
43	T	Isopropyl Acetate	20.000	58.249	-191.2#	334	0.00
44	TM	Trichloroethene	20.000	52.630	-163.2#	298	0.00
45	C	1,2-Dichloropropane	20.000	56.102	-180.5#	323	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	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	20.000	54.710	-173.6#	316	0.00
47	T	Bromodichloromethane	20.000	55.195	-176.0#	309	0.00
48	T	Methyl methacrylate	20.000	59.185	-195.9#	321	0.00
49	T	1,4-Dioxane	400.000	1195.869	-199.0#	288	0.00
50	S	Toluene-d8	20.000	56.536	-182.7#	346	0.00
51	T	4-Methyl-2-Pentanone	100.000	305.725	-205.7#	361	0.00
52	CM	Toluene	20.000	55.046	-175.2#	312	0.00
53	T	t-1,3-Dichloropropene	20.000	57.075	-185.4#	308	0.00
54	T	cis-1,3-Dichloropropene	20.000	56.303	-181.5#	326	0.00
55	T	1,1,2-Trichloroethane	20.000	52.232	-161.2#	297	0.00
56	T	Ethyl methacrylate	20.000	56.676	-183.4#	293	0.00
57	T	1,3-Dichloropropane	20.000	54.437	-172.2#	303	0.00
58	T	2-Chloroethyl Vinyl ether	100.000	258.784	-158.8#	268	0.00
59	T	2-Hexanone	100.000	309.522	-209.5#	365	0.00
60	T	Dibromochloromethane	20.000	56.022	-180.1#	310	0.00
61	T	1,2-Dibromoethane	20.000	54.758	-173.8#	300	0.00
62	S	4-Bromofluorobenzene	20.000	53.675	-168.4#	295	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	20.000	53.247	-166.2#	303	0.00
65	PM	Chlorobenzene	20.000	51.629	-158.1#	287	0.00
66	T	1,1,1,2-Tetrachloroethane	20.000	52.993	-165.0#	279	0.00
67	C	Ethyl Benzene	20.000	52.614	-163.1#	284	0.00
68	T	m/p-Xylenes	40.000	99.735	-149.3#	276	0.00
69	T	o-Xylene	20.000	52.190	-160.9#	298	0.00
70	T	Styrene	20.000	50.478	-152.4#	286	0.00
71	P	Bromoform	20.000	58.225	-191.1#	319	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	20.000	53.953	-169.8#	292	0.00
74	T	N-amyl acetate	20.000	57.011	-185.1#	297	0.00
75	P	1,1,2,2-Tetrachloroethane	20.000	52.916	-164.6#	268	0.00
76	T	1,2,3-Trichloropropane	20.000	53.838	-169.2#	282	0.00
77	T	Bromobenzene	20.000	54.538	-172.7#	300	0.00
78	T	n-propylbenzene	20.000	54.279	-171.4#	286	0.00
79	T	2-Chlorotoluene	20.000	52.711	-163.6#	281	0.00
80	T	1,3,5-Trimethylbenzene	20.000	52.896	-164.5#	272	0.00
81	T	trans-1,4-Dichloro-2-butene	20.000	59.881	-199.4#	325	0.00
82	T	4-Chlorotoluene	20.000	51.028	-155.1#	249	0.00
83	T	tert-Butylbenzene	20.000	52.394	-162.0#	271	0.00
84	T	1,2,4-Trimethylbenzene	20.000	51.932	-159.7#	264	0.00
85	T	sec-Butylbenzene	20.000	54.584	-172.9#	289	0.00
86	T	p-Isopropyltoluene	20.000	51.334	-156.7#	262	0.00
87	T	1,3-Dichlorobenzene	20.000	53.371	-166.9#	283	0.00
88	T	1,4-Dichlorobenzene	20.000	51.708	-158.5#	270	0.00
89	T	n-Butylbenzene	20.000	51.695	-158.5#	272	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	20.000	57.533	-187.7#	314	0.00
91 T	1,2-Dichlorobenzene	20.000	52.789	-163.9#	275	0.00
92 T	1,2-Dibromo-3-Chloropropane	20.000	61.746	-208.7#	323	0.00
93 T	1,2,4-Trichlorobenzene	20.000	55.005	-175.0#	289	0.00
94 T	Hexachlorobutadiene	20.000	53.001	-165.0#	292	0.00
95 T	Naphthalene	20.000	54.364	-171.8#	290	0.00
96 T	1,2,3-Trichlorobenzene	20.000	53.544	-167.7#	286	0.00

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