Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066679.D
Acq On : 14 Sep 2020 18:48
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Sep 15 04:06:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
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	101	0.00
2	T	Dichlorodifluoromethane	50.000	53.591	-7.2	110	0.00
3	P	Chloromethane	50.000	47.805	4.4	108	0.00
4	C	Vinyl Chloride	50.000	48.913	2.2#	106	0.00
5	T	Bromomethane	50.000	54.165	-8.3	104	0.00
6	T	Chloroethane	50.000	49.525	1.0	107	0.00
7	T	Trichlorofluoromethane	50.000	50.547	-1.1	110	0.00
8	T	Diethyl Ether	50.000	51.768	-3.5	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.125	-2.3	112	0.00
10	T	Methyl Iodide	50.000	53.048	-6.1	118	0.00
11	T	Tert butyl alcohol	250.000	274.981	-10.0	119	0.00
12	CM	1,1-Dichloroethene	50.000	51.442	-2.9#	111	0.00
13	T	Acrolein	250.000	239.155	4.3	113	0.00
14	T	Allyl chloride	50.000	53.890	-7.8	114	0.00
15	T	Acrylonitrile	250.000	273.936	-9.6	115	0.00
16	T	Acetone	250.000	249.038	0.4	108	0.00
17	T	Carbon Disulfide	50.000	47.896	4.2	103	0.00
18	T	Methyl Acetate	50.000	54.386	-8.8	122	0.01
19	T	Methyl tert-butyl Ether	50.000	57.501	-15.0	119	0.00
20	T	Methylene Chloride	50.000	59.410	-18.8	119	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.329	-4.7	110	0.00
22	T	Diisopropyl ether	50.000	55.248	-10.5	112	0.00
23	T	Vinyl Acetate	250.000	283.395	-13.4	112	0.00
24	P	1,1-Dichloroethane	50.000	53.216	-6.4	113	0.00
25	T	2-Butanone	250.000	269.044	-7.6	117	0.00
26	T	2,2-Dichloropropane	50.000	53.298	-6.6	117	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.528	-9.1	115	0.00
28	T	Bromochloromethane	50.000	52.409	-4.8	107	0.00
29	T	Tetrahydrofuran	250.000	276.872	-10.7	115	0.00
30	C	Chloroform	50.000	53.679	-7.4#	115	0.00
31	T	Cyclohexane	50.000	48.688	2.6	106	0.00
32	T	1,1,1-Trichloroethane	50.000	52.919	-5.8	116	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.302	-4.6	113	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	52.791	-5.6	113	0.00
36	T	1,1-Dichloropropene	50.000	54.036	-8.1	111	0.00
37	T	Ethyl Acetate	50.000	56.184	-12.4	114	0.00
38	T	Carbon Tetrachloride	50.000	55.838	-11.7	115	0.00
39	T	Methylcyclohexane	50.000	54.910	-9.8	107	0.00
40	TM	Benzene	50.000	52.948	-5.9	110	0.00
41	T	Methacrylonitrile	50.000	41.608	16.8	75	0.00
42	TM	1,2-Dichloroethane	50.000	53.806	-7.6	114	0.00
43	T	Isopropyl Acetate	50.000	57.544	-15.1	118	0.00
44	TM	Trichloroethene	50.000	54.183	-8.4	112	0.00
45	C	1,2-Dichloropropane	50.000	53.903	-7.8#	113	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	53.670	-7.3	114	0.00
47	T	Bromodichloromethane	50.000	55.344	-10.7	116	0.00
48	T	Methyl methacrylate	50.000	56.014	-12.0	113	0.00
49	T	1,4-Dioxane	1000.000	1074.826	-7.5	108	0.00
50	S	Toluene-d8	50.000	52.796	-5.6	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.897	-15.6	118	0.00
52	CM	Toluene	50.000	54.028	-8.1#	110	0.00
53	T	t-1,3-Dichloropropene	50.000	56.710	-13.4	115	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.450	-10.9	115	0.00
55	T	1,1,2-Trichloroethane	50.000	55.294	-10.6	118	0.00
56	T	Ethyl methacrylate	50.000	57.734	-15.5	113	0.00
57	T	1,3-Dichloropropane	50.000	54.370	-8.7	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.306	-4.1	108	0.00
59	T	2-Hexanone	250.000	288.393	-15.4	114	0.00
60	T	Dibromochloromethane	50.000	56.083	-12.2	118	0.00
61	T	1,2-Dibromoethane	50.000	54.769	-9.5	113	0.00
62	S	4-Bromofluorobenzene	50.000	55.048	-10.1	116	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	53.268	-6.5	113	0.00
65	PM	Chlorobenzene	50.000	53.902	-7.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.164	-10.3	114	0.00
67	C	Ethyl Benzene	50.000	55.370	-10.7#	112	0.00
68	T	m/p-Xylenes	100.000	111.765	-11.8	109	0.00
69	T	o-Xylene	50.000	56.539	-13.1	111	0.00
70	T	Styrene	50.000	57.035	-14.1	112	0.00
71	P	Bromoform	50.000	56.012	-12.0	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	57.924	-15.8	114	0.00
74	T	N-amyl acetate	50.000	57.584	-15.2	115	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.286	-8.6	112	0.00
76	T	1,2,3-Trichloropropane	50.000	49.858	0.3	97	0.00
77	T	Bromobenzene	50.000	56.339	-12.7	116	0.00
78	T	n-propylbenzene	50.000	57.251	-14.5	112	0.00
79	T	2-Chlorotoluene	50.000	57.470	-14.9	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.254	-16.5	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.815	-11.6	119	0.00
82	T	4-Chlorotoluene	50.000	56.143	-12.3	114	0.00
83	T	tert-Butylbenzene	50.000	59.537	-19.1	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.342	-16.7	115	0.00
85	T	sec-Butylbenzene	50.000	58.730	-17.5	115	0.00
86	T	p-Isopropyltoluene	50.000	59.439	-18.9	115	0.00
87	T	1,3-Dichlorobenzene	50.000	55.924	-11.8	117	0.00
88	T	1,4-Dichlorobenzene	50.000	54.530	-9.1	114	0.00
89	T	n-Butylbenzene	50.000	57.487	-15.0	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	50.000	53.957	-7.9	111	0.00
91	T	1,2-Dichlorobenzene	50.000	54.621	-9.2	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.635	-9.3	118	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.968	-15.9	117	0.00
94	T	Hexachlorobutadiene	50.000	56.306	-12.6	113	0.00
95	T	Naphthalene	50.000	62.446	-24.9#	121	0.00
96	T	1,2,3-Trichlorobenzene	50.000	59.159	-18.3	118	0.00

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