Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090419\
Data File : VW012629.D
Acq On : 05 Sep 2019 09:37
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_W
LabSampleId : VSTDCCC050

Quant Time: Sep 05 11:29:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	64	0.00
2	T	Dichlorodifluoromethane	50.000	43.758	12.5	51	0.00
3	P	Chloromethane	50.000	46.036	7.9	57	0.00
4	C	Vinyl Chloride	50.000	38.840	22.3#	47	0.00
5	T	Bromomethane	50.000	51.435	-2.9	60	0.00
6	T	Chloroethane	50.000	46.974	6.1	56	0.00
7	T	Trichlorofluoromethane	50.000	42.929	14.1	51	0.00
8	T	Diethyl Ether	50.000	67.548	-35.1#	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.743	0.5	60	0.00
10	T	Methyl Iodide	50.000	62.489	-25.0#	74	0.00
11	T	Tert butyl alcohol	250.000	439.025	-75.6#	107	0.01
12	CM	1,1-Dichloroethene	50.000	50.169	-0.3#	60	0.00
13	T	Acrolein	250.000	307.230	-22.9#	82	0.00
14	T	Allyl chloride	50.000	56.813	-13.6	67	0.00
15	T	Acrylonitrile	250.000	416.831	-66.7#	102	0.00
16	T	Acetone	250.000	322.719	-29.1#	71	0.00
17	T	Carbon Disulfide	50.000	44.424	11.2	51	0.00
18	T	Methyl Acetate	50.000	91.868	-83.7#	115	0.00
19	T	Methyl tert-butyl Ether	50.000	82.417	-64.8#	99	-0.01
20	T	Methylene Chloride	50.000	64.420	-28.8#	82	-0.01
21	T	trans-1,2-Dichloroethene	50.000	56.739	-13.5	68	0.00
22	T	Diisopropyl ether	50.000	69.647	-39.3#	84	0.00
23	T	Vinyl Acetate	250.000	356.459	-42.6#	83	0.00
24	P	1,1-Dichloroethane	50.000	63.235	-26.5#	77	0.00
25	T	2-Butanone	250.000	387.775	-55.1#	90	0.00
26	T	2,2-Dichloropropane	50.000	49.780	0.4	61	0.00
27	T	cis-1,2-Dichloroethene	50.000	65.458	-30.9#	78	0.00
28	T	Bromochloromethane	50.000	64.371	-28.7#	86	0.00
29	T	Tetrahydrofuran	250.000	424.379	-69.8#	100	0.00
30	C	Chloroform	50.000	67.712	-35.4#	83	0.00
31	T	Cyclohexane	50.000	41.499	17.0	52	0.00
32	T	1,1,1-Trichloroethane	50.000	61.101	-22.2#	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	70.190	-40.4#	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	58.401	-16.8	81	0.00
36	T	1,1-Dichloropropene	50.000	48.536	2.9	64	0.00
37	T	Ethyl Acetate	50.000	71.702	-43.4#	95	0.00
38	T	Carbon Tetrachloride	50.000	52.372	-4.7	69	0.00
39	T	Methylcyclohexane	50.000	42.509	15.0	55	0.00
40	TM	Benzene	50.000	56.116	-12.2	74	0.00
41	T	Methacrylonitrile	50.000	77.446	-54.9#	102	0.00
42	TM	1,2-Dichloroethane	50.000	71.002	-42.0#	94	0.00
43	T	Isopropyl Acetate	50.000	74.460	-48.9#	98	0.00
44	TM	Trichloroethene	50.000	55.660	-11.3	74	0.00
45	C	1,2-Dichloropropane	50.000	60.541	-21.1#	80	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	69.963	-39.9#	93	0.00
47	T	Bromodichloromethane	50.000	67.882	-35.8#	89	0.00
48	T	Methyl methacrylate	50.000	81.193	-62.4#	104	0.00
49	T	1,4-Dioxane	1000.000	1441.208	-44.1#	95	0.02
50	S	Toluene-d8	50.000	51.617	-3.2	71	0.00
51	T	4-Methyl-2-Pentanone	250.000	390.545	-56.2#	102	0.00
52	CM	Toluene	50.000	58.068	-16.1#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	65.978	-32.0#	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	61.715	-23.4#	80	0.00
55	T	1,1,2-Trichloroethane	50.000	70.401	-40.8#	94	0.00
56	T	Ethyl methacrylate	50.000	74.715	-49.4#	96	0.00
57	T	1,3-Dichloropropane	50.000	69.532	-39.1#	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	368.416	-47.4#	104	0.00
59	T	2-Hexanone	250.000	372.906	-49.2#	93	0.00
60	T	Dibromochloromethane	50.000	72.776	-45.6#	94	0.00
61	T	1,2-Dibromoethane	50.000	71.402	-42.8#	94	0.00
62	S	4-Bromofluorobenzene	50.000	58.100	-16.2	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64	T	Tetrachloroethene	50.000	60.979	-22.0#	85	0.00
65	PM	Chlorobenzene	50.000	57.603	-15.2	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	62.794	-25.6#	88	0.00
67	C	Ethyl Benzene	50.000	54.628	-9.3#	77	0.00
68	T	m/p-Xylenes	100.000	109.158	-9.2	77	0.00
69	T	o-Xylene	50.000	57.373	-14.7	80	0.00
70	T	Styrene	50.000	60.363	-20.7#	83	0.00
71	P	Bromoform	50.000	72.621	-45.2#	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	51.471	-2.9	75	0.00
74	T	N-amyl acetate	50.000	63.658	-27.3#	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	64.035	-28.1#	95	0.00
76	T	1,2,3-Trichloropropane	50.000	76.771	-53.5#	115	0.00
77	T	Bromobenzene	50.000	59.590	-19.2	89	0.00
78	T	n-propylbenzene	50.000	50.547	-1.1	74	0.00
79	T	2-Chlorotoluene	50.000	54.349	-8.7	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.530	-9.1	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.943	-19.9	86	0.00
82	T	4-Chlorotoluene	50.000	54.542	-9.1	81	0.00
83	T	tert-Butylbenzene	50.000	53.800	-7.6	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.440	-10.9	81	0.00
85	T	sec-Butylbenzene	50.000	49.957	0.1	73	0.00
86	T	p-Isopropyltoluene	50.000	51.585	-3.2	75	0.00
87	T	1,3-Dichlorobenzene	50.000	57.288	-14.6	86	0.00
88	T	1,4-Dichlorobenzene	50.000	56.925	-13.8	85	0.00
89	T	n-Butylbenzene	50.000	48.912	2.2	70	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.789	-7.6	78	0.00
91 T	1,2-Dichlorobenzene	50.000	60.583	-21.2#	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	73.769	-47.5#	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	59.313	-18.6	85	0.00
94 T	Hexachlorobutadiene	50.000	53.451	-6.9	80	0.00
95 T	Naphthalene	50.000	63.366	-26.7#	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	63.263	-26.5#	91	0.00

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