Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111319\
Data File : VW014009.D
Acq On : 13 Nov 2019 16:16
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5.0ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
LabSampleId : VSTDCCC050

Quant Time: Nov 14 06:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	47.945	4.1	88	0.00
3	P	Chloromethane	50.000	41.564	16.9	75	0.00
4	C	Vinyl Chloride	50.000	49.729	0.5#	81	0.00
5	T	Bromomethane	50.000	45.971	8.1	76	-0.02
6	T	Chloroethane	50.000	49.202	1.6	79	0.00
7	T	Trichlorofluoromethane	50.000	38.007	24.0#	61	0.00
8	T	Diethyl Ether	50.000	56.326	-12.7	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.578	-3.2	82	-0.01
10	T	Methyl Iodide	50.000	50.262	-0.5	79	0.00
11	T	Tert butyl alcohol	250.000	423.301	-69.3#	146	-0.03
12	CM	1,1-Dichloroethene	50.000	52.583	-5.2#	83	0.00
13	T	Acrolein	250.000	267.233	-6.9	84	0.00
14	T	Allyl chloride	50.000	44.322	11.4	70	0.00
15	T	Acrylonitrile	250.000	350.877	-40.4#	115	-0.01
16	T	Acetone	250.000	341.438	-36.6#	102	-0.02
17	T	Carbon Disulfide	50.000	48.667	2.7	76	0.00
18	T	Methyl Acetate	50.000	72.418	-44.8#	124	-0.01
19	T	Methyl tert-butyl Ether	50.000	59.231	-18.5	93	0.00
20	T	Methylene Chloride	50.000	56.493	-13.0	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.182	-0.4	78	0.00
22	T	Diisopropyl ether	50.000	53.530	-7.1	83	0.00
23	T	Vinyl Acetate	250.000	316.589	-26.6#	98	0.00
24	P	1,1-Dichloroethane	50.000	51.590	-3.2	81	0.00
25	T	2-Butanone	250.000	383.256	-53.3#	123	0.00
26	T	2,2-Dichloropropane	50.000	46.928	6.1	77	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.200	-2.4	80	-0.01
28	T	Bromochloromethane	50.000	54.503	-9.0	79	0.00
29	T	Tetrahydrofuran	250.000	397.407	-59.0#	128	0.00
30	C	Chloroform	50.000	50.923	-1.8#	82	0.00
31	T	Cyclohexane	50.000	48.923	2.2	80	0.00
32	T	1,1,1-Trichloroethane	50.000	51.589	-3.2	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.227	-14.5	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	52.417	-4.8	77	0.00
36	T	1,1-Dichloropropene	50.000	51.026	-2.1	81	0.00
37	T	Ethyl Acetate	50.000	72.129	-44.3#	121	0.00
38	T	Carbon Tetrachloride	50.000	51.333	-2.7	81	0.00
39	T	Methylcyclohexane	50.000	51.586	-3.2	80	0.00
40	TM	Benzene	50.000	50.748	-1.5	80	0.00
41	T	Methacrylonitrile	50.000	64.446	-28.9#	112	0.00
42	TM	1,2-Dichloroethane	50.000	55.947	-11.9	89	0.00
43	T	Isopropyl Acetate	50.000	70.568	-41.1#	114	0.00
44	TM	Trichloroethene	50.000	50.706	-1.4	80	0.00
45	C	1,2-Dichloropropane	50.000	52.818	-5.6#	83	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	57.565	-15.1	91	0.00
47	T	Bromodichloromethane	50.000	52.387	-4.8	82	0.00
48	T	Methyl methacrylate	50.000	70.391	-40.8#	110	0.00
49	T	1,4-Dioxane	1000.000	1572.490	-57.2#	133	-0.02
50	S	Toluene-d8	50.000	52.799	-5.6	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	379.466	-51.8#	124	0.00
52	CM	Toluene	50.000	51.255	-2.5#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	57.350	-14.7	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.892	-7.8	84	0.00
55	T	1,1,2-Trichloroethane	50.000	58.647	-17.3	95	0.00
56	T	Ethyl methacrylate	50.000	66.938	-33.9#	104	0.00
57	T	1,3-Dichloropropane	50.000	57.667	-15.3	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	343.001	-37.2#	103	0.00
59	T	2-Hexanone	250.000	390.224	-56.1#	121	0.00
60	T	Dibromochloromethane	50.000	56.996	-14.0	90	0.00
61	T	1,2-Dibromoethane	50.000	60.929	-21.9#	98	0.00
62	S	4-Bromofluorobenzene	50.000	54.401	-8.8	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	49.531	0.9	80	0.00
65	PM	Chlorobenzene	50.000	51.852	-3.7	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.613	-7.2	85	0.00
67	C	Ethyl Benzene	50.000	51.834	-3.7#	82	0.00
68	T	m/p-Xylenes	100.000	103.432	-3.4	82	0.00
69	T	o-Xylene	50.000	52.249	-4.5	82	0.00
70	T	Styrene	50.000	53.337	-6.7	83	0.00
71	P	Bromoform	50.000	62.831	-25.7#	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	50.965	-1.9	83	0.00
74	T	N-amyl acetate	50.000	69.962	-39.9#	115	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	64.343	-28.7#	110	0.00
76	T	1,2,3-Trichloropropane	50.000	77.985	-56.0#	135	0.00
77	T	Bromobenzene	50.000	52.118	-4.2	86	0.00
78	T	n-propylbenzene	50.000	51.257	-2.5	83	0.00
79	T	2-Chlorotoluene	50.000	50.411	-0.8	82	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.042	-2.1	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	65.421	-30.8#	110	0.00
82	T	4-Chlorotoluene	50.000	50.141	-0.3	81	0.00
83	T	tert-Butylbenzene	50.000	51.107	-2.2	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.050	-2.1	82	0.00
85	T	sec-Butylbenzene	50.000	51.326	-2.7	83	0.00
86	T	p-Isopropyltoluene	50.000	51.323	-2.6	83	0.00
87	T	1,3-Dichlorobenzene	50.000	51.170	-2.3	84	0.00
88	T	1,4-Dichlorobenzene	50.000	50.676	-1.4	84	0.00
89	T	n-Butylbenzene	50.000	51.592	-3.2	83	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	49.694	0.6	80	0.00
91	T	1,2-Dichlorobenzene	50.000	53.352	-6.7	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	72.243	-44.5#	125	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.241	-10.5	89	0.00
94	T	Hexachlorobutadiene	50.000	52.412	-4.8	87	0.00
95	T	Naphthalene	50.000	71.547	-43.1#	113	0.00
96	T	1,2,3-Trichlorobenzene	50.000	58.749	-17.5	95	0.00

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