Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082819\
Data File : VW012290.D
Acq On : 29 Aug 2019 08:29
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
LabSampleId : VSTDCCC050

Quant Time: Aug 29 08:52:22 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	46.284	7.4	67	0.00
3	P	Chloromethane	50.000	49.876	0.2	77	0.00
4	C	Vinyl Chloride	50.000	50.544	-1.1#	75	0.00
5	T	Bromomethane	50.000	49.515	1.0	72	-0.04
6	T	Chloroethane	50.000	53.700	-7.4	79	-0.01
7	T	Trichlorofluoromethane	50.000	54.899	-9.8	81	-0.01
8	T	Diethyl Ether	50.000	57.534	-15.1	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.075	-8.2	80	-0.01
10	T	Methyl Iodide	50.000	56.186	-12.4	83	0.00
11	T	Tert butyl alcohol	250.000	347.761	-39.1#	105	-0.02
12	CM	1,1-Dichloroethene	50.000	53.395	-6.8#	79	-0.01
13	T	Acrolein	250.000	224.764	10.1	75	0.00
14	T	Allyl chloride	50.000	54.862	-9.7	81	0.00
15	T	Acrylonitrile	250.000	335.672	-34.3#	102	0.00
16	T	Acetone	250.000	255.129	-2.1	69	-0.01
17	T	Carbon Disulfide	50.000	50.319	-0.6	72	0.00
18	T	Methyl Acetate	50.000	68.340	-36.7#	106	0.00
19	T	Methyl tert-butyl Ether	50.000	60.924	-21.8#	91	0.00
20	T	Methylene Chloride	50.000	52.694	-5.4	83	-0.01
21	T	trans-1,2-Dichloroethene	50.000	53.632	-7.3	80	0.00
22	T	Diisopropyl ether	50.000	56.941	-13.9	85	0.00
23	T	Vinyl Acetate	250.000	295.971	-18.4	85	0.00
24	P	1,1-Dichloroethane	50.000	54.405	-8.8	82	0.00
25	T	2-Butanone	250.000	318.525	-27.4#	91	0.00
26	T	2,2-Dichloropropane	50.000	46.899	6.2	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.390	-12.8	84	0.00
28	T	Bromochloromethane	50.000	53.780	-7.6	90	0.00
29	T	Tetrahydrofuran	250.000	351.562	-40.6#	102	0.00
30	C	Chloroform	50.000	54.503	-9.0#	83	0.00
31	T	Cyclohexane	50.000	52.825	-5.7	82	0.00
32	T	1,1,1-Trichloroethane	50.000	55.520	-11.0	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.665	-11.3	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	52.217	-4.4	86	0.00
36	T	1,1-Dichloropropene	50.000	52.337	-4.7	82	0.00
37	T	Ethyl Acetate	50.000	61.659	-23.3#	97	0.00
38	T	Carbon Tetrachloride	50.000	52.228	-4.5	82	0.00
39	T	Methylcyclohexane	50.000	54.943	-9.9	84	0.00
40	TM	Benzene	50.000	52.970	-5.9	83	0.00
41	T	Methacrylonitrile	50.000	66.715	-33.4#	105	0.00
42	TM	1,2-Dichloroethane	50.000	54.662	-9.3	86	0.00
43	T	Isopropyl Acetate	50.000	62.563	-25.1#	98	0.00
44	TM	Trichloroethene	50.000	52.631	-5.3	83	0.00
45	C	1,2-Dichloropropane	50.000	53.459	-6.9#	84	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	56.562	-13.1	90	0.00
47	T	Bromodichloromethane	50.000	53.001	-6.0	82	0.00
48	T	Methyl methacrylate	50.000	63.602	-27.2#	96	0.00
49	T	1,4-Dioxane	1000.000	1262.550	-26.3#	99	0.00
50	S	Toluene-d8	50.000	51.803	-3.6	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	323.413	-29.4#	100	0.00
52	CM	Toluene	50.000	53.244	-6.5#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	54.085	-8.2	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.311	-4.6	80	0.00
55	T	1,1,2-Trichloroethane	50.000	56.995	-14.0	91	0.00
56	T	Ethyl methacrylate	50.000	63.369	-26.7#	96	0.00
57	T	1,3-Dichloropropane	50.000	57.004	-14.0	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	314.410	-25.8#	106	0.00
59	T	2-Hexanone	250.000	312.403	-25.0#	93	0.00
60	T	Dibromochloromethane	50.000	74.590	-49.2#	115	0.00
61	T	1,2-Dibromoethane	50.000	59.200	-18.4	92	0.00
62	S	4-Bromofluorobenzene	50.000	55.892	-11.8	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	57.423	-14.8	89	0.00
65	PM	Chlorobenzene	50.000	51.755	-3.5	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.982	-6.0	83	0.00
67	C	Ethyl Benzene	50.000	52.371	-4.7#	82	0.00
68	T	m/p-Xylenes	100.000	104.541	-4.5	82	0.00
69	T	o-Xylene	50.000	53.457	-6.9	83	0.00
70	T	Styrene	50.000	53.928	-7.9	83	0.00
71	P	Bromoform	50.000	61.533	-23.1#	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	56.077	-12.2	83	0.00
74	T	N-amyl acetate	50.000	66.328	-32.7#	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	63.834	-27.7#	96	0.00
76	T	1,2,3-Trichloropropane	50.000	59.861	-19.7	91	0.00
77	T	Bromobenzene	50.000	58.152	-16.3	88	0.00
78	T	n-propylbenzene	50.000	54.159	-8.3	80	0.00
79	T	2-Chlorotoluene	50.000	54.360	-8.7	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.759	-9.5	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	64.192	-28.4#	93	0.00
82	T	4-Chlorotoluene	50.000	52.677	-5.4	79	0.00
83	T	tert-Butylbenzene	50.000	58.487	-17.0	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.888	-7.8	80	0.00
85	T	sec-Butylbenzene	50.000	54.975	-10.0	82	0.00
86	T	p-Isopropyltoluene	50.000	55.449	-10.9	81	0.00
87	T	1,3-Dichlorobenzene	50.000	52.071	-4.1	80	0.00
88	T	1,4-Dichlorobenzene	50.000	52.139	-4.3	79	0.00
89	T	n-Butylbenzene	50.000	51.650	-3.3	75	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	54.435	-8.9	80	0.00
91 T	1,2-Dichlorobenzene	50.000	54.964	-9.9	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	66.176	-32.4#	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.082	-8.2	79	0.00
94 T	Hexachlorobutadiene	50.000	54.881	-9.8	83	0.00
95 T	Naphthalene	50.000	62.708	-25.4#	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.019	-14.0	83	0.00

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