Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX091019\
Data File : VX012289.D
Acq On : 11 Sep 2019 07:48
Operator : SY/SP
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Sep 11 08:11:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 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	45.955	8.1	78	0.00
3	P	Chloromethane	50.000	51.694	-3.4	85	0.00
4	C	Vinyl Chloride	50.000	48.371	3.3#	81	0.00
5	T	Bromomethane	50.000	67.763	-35.5#	97	0.00
6	T	Chloroethane	50.000	50.338	-0.7	83	0.00
7	T	Trichlorofluoromethane	50.000	46.613	6.8	76	0.00
8	T	Diethyl Ether	50.000	52.421	-4.8	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.251	1.5	75	0.00
10	T	Methyl Iodide	50.000	32.980	34.0#	49	0.00
11	T	Tert butyl alcohol	250.000	286.410	-14.6	91	0.00
12	CM	1,1-Dichloroethene	50.000	51.234	-2.5#	80	0.00
13	T	Acrolein	250.000	139.662	44.1#	45	0.00
14	T	Allyl chloride	50.000	49.209	1.6	76	0.00
15	T	Acrylonitrile	250.000	282.158	-12.9	86	0.00
16	T	Acetone	250.000	208.374	16.7	68	0.00
17	T	Carbon Disulfide	50.000	49.176	1.6	78	0.00
18	T	Methyl Acetate	50.000	56.837	-13.7	89	0.00
19	T	Methyl tert-butyl Ether	50.000	53.628	-7.3	80	0.00
20	T	Methylene Chloride	50.000	53.132	-6.3	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.413	-2.8	80	0.00
22	T	Diisopropyl ether	50.000	52.759	-5.5	80	0.00
23	T	Vinyl Acetate	250.000	250.530	-0.2	74	0.00
24	P	1,1-Dichloroethane	50.000	52.442	-4.9	81	0.00
25	T	2-Butanone	250.000	255.769	-2.3	81	0.00
26	T	2,2-Dichloropropane	50.000	37.731	24.5#	58	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.765	-5.5	82	0.00
28	T	Bromochloromethane	50.000	54.068	-8.1	80	0.00
29	T	Tetrahydrofuran	250.000	292.585	-17.0	87	0.00
30	C	Chloroform	50.000	52.848	-5.7#	82	0.00
31	T	Cyclohexane	50.000	46.947	6.1	73	0.00
32	T	1,1,1-Trichloroethane	50.000	51.208	-2.4	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.455	-4.9	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	48.100	3.8	81	0.00
36	T	1,1-Dichloropropene	50.000	48.847	2.3	79	0.00
37	T	Ethyl Acetate	50.000	54.143	-8.3	84	0.00
38	T	Carbon Tetrachloride	50.000	46.623	6.8	76	0.00
39	T	Methylcyclohexane	50.000	44.567	10.9	73	0.00
40	TM	Benzene	50.000	49.778	0.4	81	0.00
41	T	Methacrylonitrile	50.000	55.883	-11.8	88	0.00
42	TM	1,2-Dichloroethane	50.000	50.601	-1.2	81	0.00
43	T	Isopropyl Acetate	50.000	52.450	-4.9	82	0.00
44	TM	Trichloroethene	50.000	50.219	-0.4	83	0.00
45	C	1,2-Dichloropropane	50.000	49.756	0.5#	81	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	53.353	-6.7	84	0.00
47	T	Bromodichloromethane	50.000	50.453	-0.9	79	0.00
48	T	Methyl methacrylate	50.000	53.276	-6.6	83	0.00
49	T	1,4-Dioxane	1000.000	1167.011	-16.7	98	0.00
50	S	Toluene-d8	50.000	50.766	-1.5	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.188	-5.3	84	0.00
52	CM	Toluene	50.000	49.028	1.9#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	45.554	8.9	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.502	9.0	73	0.00
55	T	1,1,2-Trichloroethane	50.000	51.217	-2.4	82	0.00
56	T	Ethyl methacrylate	50.000	51.703	-3.4	81	0.00
57	T	1,3-Dichloropropane	50.000	51.536	-3.1	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.529	-1.0	78	0.00
59	T	2-Hexanone	250.000	262.121	-4.8	81	0.00
60	T	Dibromochloromethane	50.000	50.331	-0.7	77	0.00
61	T	1,2-Dibromoethane	50.000	51.809	-3.6	84	0.00
62	S	4-Bromofluorobenzene	50.000	46.042	7.9	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	60.768	-21.5#	102	0.00
65	PM	Chlorobenzene	50.000	48.550	2.9	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.696	0.6	79	0.00
67	C	Ethyl Benzene	50.000	48.947	2.1#	81	0.00
68	T	m/p-Xylenes	100.000	97.567	2.4	80	0.00
69	T	o-Xylene	50.000	48.780	2.4	80	0.00
70	T	Styrene	50.000	49.791	0.4	81	0.00
71	P	Bromoform	50.000	49.719	0.6	77	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	48.228	3.5	79	0.00
74	T	N-amyl acetate	50.000	44.356	11.3	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.120	-4.2	83	0.00
76	T	1,2,3-Trichloropropane	50.000	50.400	-0.8	80	0.00
77	T	Bromobenzene	50.000	50.107	-0.2	81	0.00
78	T	n-propylbenzene	50.000	47.562	4.9	76	0.00
79	T	2-Chlorotoluene	50.000	48.180	3.6	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.155	3.7	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.909	18.2	64	0.00
82	T	4-Chlorotoluene	50.000	48.870	2.3	79	0.00
83	T	tert-Butylbenzene	50.000	45.614	8.8	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.618	4.8	78	0.00
85	T	sec-Butylbenzene	50.000	47.147	5.7	77	0.00
86	T	p-Isopropyltoluene	50.000	43.815	12.4	71	0.00
87	T	1,3-Dichlorobenzene	50.000	48.962	2.1	80	0.00
88	T	1,4-Dichlorobenzene	50.000	48.554	2.9	81	0.00
89	T	n-Butylbenzene	50.000	47.051	5.9	76	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	48.546	2.9	77	0.00
91 T	1,2-Dichlorobenzene	50.000	50.020	-0.0	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.521	-1.0	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.304	5.4	75	0.00
94 T	Hexachlorobutadiene	50.000	49.552	0.9	81	0.00
95 T	Naphthalene	50.000	52.075	-4.2	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.448	1.1	80	0.00

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