Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX091319\
Data File : VX012398.D
Acq On : 13 Sep 2019 20:33
Operator : SY/SP
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Sep 14 00:56:47 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	67	0.00
2	T	Dichlorodifluoromethane	50.000	48.044	3.9	69	0.00
3	P	Chloromethane	50.000	54.789	-9.6	77	0.00
4	C	Vinyl Chloride	50.000	53.364	-6.7#	75	0.00
5	T	Bromomethane	50.000	71.886	-43.8#	87	0.00
6	T	Chloroethane	50.000	54.965	-9.9	77	0.00
7	T	Trichlorofluoromethane	50.000	53.474	-6.9	73	0.00
8	T	Diethyl Ether	50.000	58.633	-17.3	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.331	-10.7	72	0.00
10	T	Methyl Iodide	50.000	34.417	31.2#	43	0.00
11	T	Tert butyl alcohol	250.000	275.996	-10.4	74	0.00
12	CM	1,1-Dichloroethene	50.000	57.204	-14.4#	75	0.00
13	T	Acrolein	250.000	299.347	-19.7	81	0.00
14	T	Allyl chloride	50.000	53.851	-7.7	70	0.00
15	T	Acrylonitrile	250.000	319.988	-28.0#	82	0.00
16	T	Acetone	250.000	254.402	-1.8	71	0.00
17	T	Carbon Disulfide	50.000	50.469	-0.9	68	0.00
18	T	Methyl Acetate	50.000	63.649	-27.3#	84	0.00
19	T	Methyl tert-butyl Ether	50.000	59.116	-18.2	75	0.00
20	T	Methylene Chloride	50.000	58.279	-16.6	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.692	-11.4	74	0.00
22	T	Diisopropyl ether	50.000	57.336	-14.7	74	0.00
23	T	Vinyl Acetate	250.000	288.513	-15.4	72	0.00
24	P	1,1-Dichloroethane	50.000	57.683	-15.4	75	0.00
25	T	2-Butanone	250.000	292.294	-16.9	78	0.00
26	T	2,2-Dichloropropane	50.000	48.766	2.5	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.739	-15.5	76	0.00
28	T	Bromochloromethane	50.000	58.616	-17.2	73	0.00
29	T	Tetrahydrofuran	250.000	322.820	-29.1#	82	0.00
30	C	Chloroform	50.000	56.341	-12.7#	74	0.00
31	T	Cyclohexane	50.000	52.563	-5.1	70	0.00
32	T	1,1,1-Trichloroethane	50.000	54.318	-8.6	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.871	-7.7	71	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35	S	Dibromofluoromethane	50.000	54.373	-8.7	72	0.00
36	T	1,1-Dichloropropene	50.000	53.830	-7.7	68	0.00
37	T	Ethyl Acetate	50.000	64.380	-28.8#	78	0.00
38	T	Carbon Tetrachloride	50.000	54.321	-8.6	69	0.00
39	T	Methylcyclohexane	50.000	53.974	-7.9	69	0.00
40	TM	Benzene	50.000	58.371	-16.7	75	0.00
41	T	Methacrylonitrile	50.000	64.958	-29.9#	80	0.00
42	TM	1,2-Dichloroethane	50.000	58.126	-16.3	73	0.00
43	T	Isopropyl Acetate	50.000	60.810	-21.6#	75	0.00
44	TM	Trichloroethene	50.000	59.278	-18.6	77	0.00
45	C	1,2-Dichloropropane	50.000	58.812	-17.6#	75	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	61.510	-23.0#	76	0.00
47	T	Bromodichloromethane	50.000	57.642	-15.3	71	0.00
48	T	Methyl methacrylate	50.000	61.103	-22.2#	75	0.00
49	T	1,4-Dioxane	1000.000	1301.077	-30.1#	85	0.00
50	S	Toluene-d8	50.000	57.959	-15.9	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	321.797	-28.7#	81	0.00
52	CM	Toluene	50.000	58.662	-17.3#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	55.009	-10.0	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.886	-11.8	70	0.00
55	T	1,1,2-Trichloroethane	50.000	62.675	-25.3#	79	0.00
56	T	Ethyl methacrylate	50.000	61.204	-22.4#	75	0.00
57	T	1,3-Dichloropropane	50.000	59.712	-19.4	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	284.363	-13.7	69	0.00
59	T	2-Hexanone	250.000	321.800	-28.7#	78	0.00
60	T	Dibromochloromethane	50.000	59.158	-18.3	71	0.00
61	T	1,2-Dibromoethane	50.000	62.600	-25.2#	80	0.00
62	S	4-Bromofluorobenzene	50.000	52.343	-4.7	70	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64	T	Tetrachloroethene	50.000	64.781	-29.6#	85	0.00
65	PM	Chlorobenzene	50.000	59.192	-18.4	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	59.652	-19.3	74	0.00
67	C	Ethyl Benzene	50.000	57.976	-16.0#	75	0.00
68	T	m/p-Xylenes	100.000	116.891	-16.9	75	0.00
69	T	o-Xylene	50.000	58.553	-17.1	75	0.00
70	T	Styrene	50.000	59.928	-19.9	76	0.00
71	P	Bromoform	50.000	59.637	-19.3	73	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73	T	Isopropylbenzene	50.000	55.654	-11.3	76	0.00
74	T	N-amyl acetate	50.000	56.238	-12.5	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	61.426	-22.9#	82	0.00
76	T	1,2,3-Trichloropropane	50.000	58.938	-17.9	78	0.00
77	T	Bromobenzene	50.000	57.859	-15.7	78	0.00
78	T	n-propylbenzene	50.000	54.824	-9.6	73	0.00
79	T	2-Chlorotoluene	50.000	54.417	-8.8	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.217	-12.4	77	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.020	-2.0	66	0.00
82	T	4-Chlorotoluene	50.000	55.576	-11.2	75	0.00
83	T	tert-Butylbenzene	50.000	55.542	-11.1	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.908	-11.8	76	0.00
85	T	sec-Butylbenzene	50.000	55.261	-10.5	76	0.00
86	T	p-Isopropyltoluene	50.000	57.054	-14.1	77	0.00
87	T	1,3-Dichlorobenzene	50.000	58.194	-16.4	79	0.00
88	T	1,4-Dichlorobenzene	50.000	57.591	-15.2	80	0.00
89	T	n-Butylbenzene	50.000	55.374	-10.7	74	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	53.105	-6.2	70	0.00
91 T	1,2-Dichlorobenzene	50.000	59.537	-19.1	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.641	-15.3	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	64.060	-28.1#	85	0.00
94 T	Hexachlorobutadiene	50.000	65.586	-31.2#	89	0.00
95 T	Naphthalene	50.000	65.936	-31.9#	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	65.682	-31.4#	88	0.00

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