Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060319\
Data File : VD062595.D
Acq On : 3 Jun 2019 19:34
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jun 04 07:17:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 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	96	-0.01
2	T	Dichlorodifluoromethane	50.000	47.336	5.3	95	0.00
3	P	Chloromethane	50.000	41.313	17.4	78	0.00
4	C	Vinyl Chloride	50.000	51.762	-3.5#	94	0.00
5	T	Bromomethane	50.000	81.604	-63.2#	116	0.00
6	T	Chloroethane	50.000	56.931	-13.9	94	0.00
7	T	Trichlorofluoromethane	50.000	52.670	-5.3	94	0.00
8	T	Diethyl Ether	50.000	63.785	-27.6#	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.649	-9.3	99	-0.01
10	T	Methyl Iodide	50.000	53.955	-7.9	80	0.00
11	T	Tert butyl alcohol	250.000	320.672	-28.3#	117	0.00
12	CM	1,1-Dichloroethene	50.000	56.079	-12.2#	100	0.00
13	T	Acrolein	250.000	302.366	-20.9#	111	0.00
14	T	Allyl chloride	50.000	56.453	-12.9	96	0.00
15	T	Acrylonitrile	250.000	292.100	-16.8	104	-0.01
16	T	Acetone	250.000	239.501	4.2	84	0.00
17	T	Carbon Disulfide	50.000	49.174	1.7	87	0.00
18	T	Methyl Acetate	50.000	54.801	-9.6	115	0.00
19	T	Methyl tert-butyl Ether	50.000	57.642	-15.3	100	0.00
20	T	Methylene Chloride	50.000	54.268	-8.5	100	-0.01
21	T	trans-1,2-Dichloroethene	50.000	54.060	-8.1	98	-0.01
22	T	Diisopropyl ether	50.000	57.093	-14.2	99	-0.01
23	T	Vinyl Acetate	250.000	305.532	-22.2#	103	0.00
24	P	1,1-Dichloroethane	50.000	55.602	-11.2	96	-0.01
25	T	2-Butanone	250.000	286.345	-14.5	96	-0.01
26	T	2,2-Dichloropropane	50.000	55.808	-11.6	99	-0.02
27	T	cis-1,2-Dichloroethene	50.000	59.126	-18.3	102	-0.01
28	T	Bromochloromethane	50.000	57.122	-14.2	107	-0.01
29		Tetrahydrofuran	250.000	312.471	-25.0#	102	-0.01
30	C	Chloroform	50.000	56.765	-13.5#	97	-0.01
31	T	Cyclohexane	50.000	53.670	-7.3	93	-0.01
32	T	1,1,1-Trichloroethane	50.000	54.027	-8.1	94	-0.02
33	S	1,2-Dichloroethane-d4	50.000	54.051	-8.1	94	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	-0.01
35	S	Dibromofluoromethane	50.000	53.643	-7.3	89	-0.01
36	T	1,1-Dichloropropene	50.000	57.427	-14.9	100	-0.01
37	T	Ethyl Acetate	50.000	54.308	-8.6	98	-0.01
38	T	Carbon Tetrachloride	50.000	58.974	-17.9	99	-0.01
39	T	Methylcyclohexane	50.000	56.202	-12.4	101	-0.01
40	TM	Benzene	50.000	55.316	-10.6	96	-0.01
41	T	Methacrylonitrile	50.000	61.897	-23.8#	107	-0.02
42	TM	1,2-Dichloroethane	50.000	59.324	-18.6	98	-0.02
43	T	Isopropyl Acetate	50.000	61.102	-22.2#	99	-0.01
44	TM	Trichloroethene	50.000	55.903	-11.8	98	-0.01
45	C	1,2-Dichloropropane	50.000	58.872	-17.7#	97	-0.02

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	58.950	-17.9	98	-0.01
47	T	Bromodichloromethane	50.000	57.881	-15.8	98	-0.01
48	T	Methyl methacrylate	50.000	65.080	-30.2#	107	-0.01
49	T	1,4-Dioxane	1000.000	1391.414	-39.1#	118	-0.01
50	S	Toluene-d8	50.000	52.004	-4.0	90	-0.01
51	T	4-Methyl-2-Pentanone	250.000	302.311	-20.9#	102	-0.01
52	CM	Toluene	50.000	56.872	-13.7#	96	-0.01
53	T	t-1,3-Dichloropropene	50.000	58.144	-16.3	95	-0.01
54	T	cis-1,3-Dichloropropene	50.000	59.453	-18.9	98	-0.01
55	T	1,1,2-Trichloroethane	50.000	62.219	-24.4#	107	-0.01
56	T	Ethyl methacrylate	50.000	61.824	-23.6#	112	-0.01
57	T	1,3-Dichloropropane	50.000	61.761	-23.5#	106	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	303.063	-21.2#	108	-0.01
59	T	2-Hexanone	250.000	315.172	-26.1#	103	-0.01
60	T	Dibromochloromethane	50.000	58.902	-17.8	99	0.00
61	T	1,2-Dibromoethane	50.000	57.497	-15.0	97	-0.01
62	S	4-Bromofluorobenzene	50.000	52.181	-4.4	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	-0.01
64	T	Tetrachloroethene	50.000	49.114	1.8	93	-0.01
65	PM	Chlorobenzene	50.000	54.408	-8.8	100	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	53.505	-7.0	95	0.00
67	C	Ethyl Benzene	50.000	48.968	2.1#	91	0.00
68	T	m/p-Xylenes	100.000	106.277	-6.3	103	-0.01
69	T	o-Xylene	50.000	48.634	2.7	91	-0.01
70	T	Styrene	50.000	51.322	-2.6	98	0.00
71	P	Bromoform	50.000	54.989	-10.0	104	-0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	-0.01
73	T	Isopropylbenzene	50.000	53.401	-6.8	101	-0.01
74	T	N-amyl acetate	50.000	57.708	-15.4	111	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	60.466	-20.9#	106	-0.01
76	T	1,2,3-Trichloropropane	50.000	58.238	-16.5	106	0.00
77	T	Bromobenzene	50.000	53.523	-7.0	94	-0.01
78	T	n-propylbenzene	50.000	53.636	-7.3	103	0.00
79	T	2-Chlorotoluene	50.000	56.754	-13.5	107	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	55.862	-11.7	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.073	-2.1	92	-0.01
82	T	4-Chlorotoluene	50.000	55.305	-10.6	104	-0.01
83	T	tert-Butylbenzene	50.000	54.297	-8.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.409	-8.8	108	0.00
85	T	sec-Butylbenzene	50.000	52.021	-4.0	98	-0.01
86	T	p-Isopropyltoluene	50.000	51.667	-3.3	96	0.00
87	T	1,3-Dichlorobenzene	50.000	53.616	-7.2	98	-0.01
88	T	1,4-Dichlorobenzene	50.000	52.811	-5.6	94	-0.01
89	T	n-Butylbenzene	50.000	54.531	-9.1	97	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	55.337	-10.7	101	-0.01
91 T	1,2-Dichlorobenzene	50.000	54.727	-9.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.719	-19.4	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.396	-4.8	94	-0.01
94 T	Hexachlorobutadiene	50.000	55.993	-12.0	99	0.00
95 T	Naphthalene	50.000	55.657	-11.3	97	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	53.685	-7.4	96	-0.01

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