Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF060319\
Data File : VF062834.D
Acq On : 3 Jun 2019 17:51
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jun 04 09:16:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	99	-0.02
2	T	Dichlorodifluoromethane	50.000	48.168	3.7	92	0.00
3	P	Chloromethane	50.000	48.741	2.5	100	0.00
4	C	Vinyl Chloride	50.000	47.573	4.9#	96	0.00
5	T	Bromomethane	50.000	47.921	4.2	86	0.00
6	T	Chloroethane	50.000	49.299	1.4	88	-0.02
7	T	Trichlorofluoromethane	50.000	51.842	-3.7	98	0.00
8	T	Diethyl Ether	50.000	46.727	6.5	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.952	0.1	99	-0.03
10	T	Methyl Iodide	50.000	51.898	-3.8	103	-0.03
11	T	Tert butyl alcohol	250.000	268.414	-7.4	111	-0.02
12	CM	1,1-Dichloroethene	50.000	50.657	-1.3#	100	-0.02
13	T	Acrolein	250.000	265.865	-6.3	111	-0.02
14	T	Allyl chloride	50.000	69.408	-38.8#	118	-0.02
15	T	Acrylonitrile	250.000	221.698	11.3	84	-0.03
16	T	Acetone	250.000	260.496	-4.2	95	0.00
17	T	Carbon Disulfide	50.000	50.109	-0.2	98	-0.02
18	T	Methyl Acetate	50.000	42.188	15.6	84	-0.02
19	T	Methyl tert-butyl Ether	50.000	52.957	-5.9	106	0.00
20	T	Methylene Chloride	50.000	53.499	-7.0	98	-0.07
21	T	trans-1,2-Dichloroethene	50.000	51.760	-3.5	95	-0.02
22	T	Diisopropyl ether	50.000	49.294	1.4	97	-0.02
23	T	Vinyl Acetate	250.000	254.205	-1.7	97	-0.03
24	P	1,1-Dichloroethane	50.000	49.438	1.1	94	-0.02
25	T	2-Butanone	250.000	255.909	-2.4	103	-0.03
26	T	2,2-Dichloropropane	50.000	60.877	-21.8	118	-0.02
27	T	cis-1,2-Dichloroethene	50.000	54.321	-8.6	101	-0.02
28	T	Bromochloromethane	50.000	51.214	-2.4	97	-0.02
29		Tetrahydrofuran	250.000	277.478	-11.0	108	-0.03
30	C	Chloroform	50.000	53.682	-7.4#	102	-0.02
31	T	Cyclohexane	50.000	49.175	1.7	93	-0.02
32	T	1,1,1-Trichloroethane	50.000	60.312	-20.6	128	-0.02
33	S	1,2-Dichloroethane-d4	50.000	53.572	-7.1	98	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	-0.03
35	S	Dibromofluoromethane	50.000	55.548	-11.1	96	-0.02
36	T	1,1-Dichloropropene	50.000	56.143	-12.3	100	-0.02
37	T	Ethyl Acetate	50.000	58.197	-16.4	103	-0.03
38	T	Carbon Tetrachloride	50.000	61.597	-23.2	112	-0.02
39	T	Methylcyclohexane	50.000	57.392	-14.8	101	-0.02
40	TM	Benzene	50.000	56.089	-12.2	95	-0.02
41	T	Methacrylonitrile	50.000	62.015	-24.0	114	-0.02
42	TM	1,2-Dichloroethane	50.000	59.129	-18.3	104	-0.02
43	T	Isopropyl Acetate	50.000	61.354	-22.7	113	-0.02
44	TM	Trichloroethene	50.000	56.366	-12.7	101	-0.02
45	C	1,2-Dichloropropane	50.000	56.274	-12.5#	98	-0.03

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	55.306	-10.6	100	-0.02
47	T	Bromodichloromethane	50.000	58.668	-17.3	105	-0.03
48	T	Methyl methacrylate	50.000	61.069	-22.1	102	-0.02
49	T	1,4-Dioxane	1000.000	1087.744	-8.8	104	0.00
50	S	Toluene-d8	50.000	55.330	-10.7	96	-0.02
51	T	4-Methyl-2-Pentanone	250.000	293.339	-17.3	109	-0.02
52	CM	Toluene	50.000	56.961	-13.9#	101	-0.02
53	T	t-1,3-Dichloropropene	50.000	57.999	-16.0	101	-0.02
54	T	cis-1,3-Dichloropropene	50.000	55.726	-11.5	97	-0.02
55	T	1,1,2-Trichloroethane	50.000	60.193	-20.4	108	-0.02
56	T	Ethyl methacrylate	50.000	64.042	-28.1#	113	-0.03
57	T	1,3-Dichloropropane	50.000	59.895	-19.8	104	-0.02
58	T	2-Chloroethyl Vinyl ether	250.000	264.228	-5.7	95	-0.02
59	T	2-Hexanone	250.000	300.856	-20.3	112	-0.02
60	T	Dibromochloromethane	50.000	62.153	-24.3	105	-0.02
61	T	1,2-Dibromoethane	50.000	60.132	-20.3	105	-0.03
62	S	4-Bromofluorobenzene	50.000	58.192	-16.4	101	-0.02
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	-0.02
64	T	Tetrachloroethene	50.000	49.548	0.9	91	-0.02
65	PM	Chlorobenzene	50.000	52.996	-6.0	101	-0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	52.088	-4.2	101	-0.02
67	C	Ethyl Benzene	50.000	51.902	-3.8#	101	-0.02
68	T	m/p-Xylenes	100.000	104.650	-4.7	100	-0.02
69	T	o-Xylene	50.000	53.997	-8.0	100	0.00
70	T	Styrene	50.000	55.979	-12.0	105	-0.02
71	P	Bromoform	50.000	60.840	-21.7	112	-0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	-0.02
73	T	Isopropylbenzene	50.000	48.817	2.4	100	-0.02
74	T	N-amyl acetate	50.000	48.815	2.4	108	-0.02
75	P	1,1,2,2-Tetrachloroethane	50.000	51.648	-3.3	108	-0.02
76	T	1,2,3-Trichloropropane	50.000	50.576	-1.2	109	-0.02
77	T	Bromobenzene	50.000	49.692	0.6	105	-0.02
78	T	n-propylbenzene	50.000	47.244	5.5	97	-0.02
79	T	2-Chlorotoluene	50.000	48.736	2.5	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.446	7.1	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.890	-11.8	112	-0.02
82	T	4-Chlorotoluene	50.000	48.366	3.3	101	0.00
83	T	tert-Butylbenzene	50.000	51.527	-3.1	108	-0.02
84	T	1,2,4-Trimethylbenzene	50.000	50.025	-0.0	104	0.00
85	T	sec-Butylbenzene	50.000	49.591	0.8	99	0.00
86	T	p-Isopropyltoluene	50.000	50.516	-1.0	106	-0.02
87	T	1,3-Dichlorobenzene	50.000	50.958	-1.9	111	0.00
88	T	1,4-Dichlorobenzene	50.000	52.211	-4.4	111	0.00
89	T	n-Butylbenzene	50.000	49.315	1.4	106	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.494	-9.0	108	-0.02
91 T	1,2-Dichlorobenzene	50.000	51.831	-3.7	108	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.247	-18.5	123	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	49.736	0.5	103	-0.02
94 T	Hexachlorobutadiene	50.000	49.518	1.0	99	-0.02
95 T	Naphthalene	50.000	53.377	-6.8	109	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	51.416	-2.8	107	0.00

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