Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD090920\
Data File : VD066574.D
Acq On : 09 Sep 2020 11:00
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Sep 09 14:10:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
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	108	0.00
2	T	Dichlorodifluoromethane	50.000	46.187	7.6	102	0.00
3	P	Chloromethane	50.000	41.230	17.5	99	0.00
4	C	Vinyl Chloride	50.000	42.833	14.3#	99	0.00
5	T	Bromomethane	50.000	48.203	3.6	100	0.00
6	T	Chloroethane	50.000	44.192	11.6	102	0.00
7	T	Trichlorofluoromethane	50.000	42.408	15.2	99	0.00
8	T	Diethyl Ether	50.000	41.701	16.6	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	42.199	15.6	99	0.00
10	T	Methyl Iodide	50.000	42.969	14.1	100	0.00
11	T	Tert butyl alcohol	250.000	189.082	24.4#	94	0.00
12	CM	1,1-Dichloroethene	50.000	43.083	13.8#	99	0.00
13	T	Acrolein	250.000	345.359	-38.1#	173	0.00
14	T	Allyl chloride	50.000	43.118	13.8	97	0.00
15	T	Acrylonitrile	250.000	216.272	13.5	97	0.00
16	T	Acetone	250.000	284.780	-13.9	132	0.00
17	T	Carbon Disulfide	50.000	40.486	19.0	93	0.00
18	T	Methyl Acetate	50.000	40.609	18.8	97	0.00
19	T	Methyl tert-butyl Ether	50.000	45.750	8.5	101	0.00
20	T	Methylene Chloride	50.000	40.119	19.8	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	42.480	15.0	95	0.00
22	T	Diisopropyl ether	50.000	43.601	12.8	94	0.00
23	T	Vinyl Acetate	250.000	228.327	8.7	96	0.00
24	P	1,1-Dichloroethane	50.000	42.407	15.2	96	0.00
25	T	2-Butanone	250.000	229.412	8.2	106	0.00
26	T	2,2-Dichloropropane	50.000	44.881	10.2	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	43.072	13.9	97	0.00
28	T	Bromochloromethane	50.000	48.342	3.3	105	0.00
29	T	Tetrahydrofuran	250.000	213.919	14.4	94	0.00
30	C	Chloroform	50.000	42.739	14.5#	97	0.00
31	T	Cyclohexane	50.000	40.472	19.1	94	0.00
32	T	1,1,1-Trichloroethane	50.000	42.690	14.6	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.529	-1.1	116	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	51.145	-2.3	115	0.00
36	T	1,1-Dichloropropene	50.000	44.127	11.7	96	0.00
37	T	Ethyl Acetate	50.000	44.609	10.8	95	0.00
38	T	Carbon Tetrachloride	50.000	46.805	6.4	102	0.00
39	T	Methylcyclohexane	50.000	47.485	5.0	98	0.00
40	TM	Benzene	50.000	43.292	13.4	94	0.00
41	T	Methacrylonitrile	50.000	58.646	-17.3	111	0.00
42	TM	1,2-Dichloroethane	50.000	43.705	12.6	98	0.00
43	T	Isopropyl Acetate	50.000	44.618	10.8	97	0.00
44	TM	Trichloroethene	50.000	44.871	10.3	98	0.00
45	C	1,2-Dichloropropane	50.000	43.670	12.7#	96	0.00

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Quant Title : SW846 8260
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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)
46	T	Dibromomethane	50.000	43.990	12.0	99	0.00
47	T	Bromodichloromethane	50.000	43.998	12.0	97	0.00
48	T	Methyl methacrylate	50.000	47.856	4.3	101	0.00
49	T	1,4-Dioxane	1000.000	945.807	5.4	100	0.00
50	S	Toluene-d8	50.000	53.362	-6.7	115	0.00
51	T	4-Methyl-2-Pentanone	250.000	227.078	9.2	97	0.00
52	CM	Toluene	50.000	44.599	10.8#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	46.496	7.0	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.147	9.7	98	0.00
55	T	1,1,2-Trichloroethane	50.000	44.675	10.7	100	0.00
56	T	Ethyl methacrylate	50.000	47.216	5.6	97	0.00
57	T	1,3-Dichloropropane	50.000	44.270	11.5	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.046	-0.0	109	0.00
59	T	2-Hexanone	250.000	248.687	0.5	104	0.00
60	T	Dibromochloromethane	50.000	46.285	7.4	102	0.00
61	T	1,2-Dibromoethane	50.000	44.684	10.6	97	0.00
62	S	4-Bromofluorobenzene	50.000	54.035	-8.1	119	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	44.014	12.0	98	0.00
65	PM	Chlorobenzene	50.000	44.683	10.6	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.891	10.2	98	0.00
67	C	Ethyl Benzene	50.000	46.264	7.5#	98	0.00
68	T	m/p-Xylenes	100.000	92.514	7.5	95	0.00
69	T	o-Xylene	50.000	46.900	6.2	97	0.00
70	T	Styrene	50.000	46.175	7.7	96	0.00
71	P	Bromoform	50.000	46.178	7.6	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	49.585	0.8	100	0.00
74	T	N-amyl acetate	50.000	47.648	4.7	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.318	9.4	96	0.00
76	T	1,2,3-Trichloropropane	50.000	50.598	-1.2	100	0.00
77	T	Bromobenzene	50.000	47.163	5.7	99	0.00
78	T	n-propylbenzene	50.000	48.736	2.5	97	0.00
79	T	2-Chlorotoluene	50.000	48.338	3.3	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.850	2.3	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.115	3.8	105	0.00
82	T	4-Chlorotoluene	50.000	47.108	5.8	97	0.00
83	T	tert-Butylbenzene	50.000	49.697	0.6	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.550	0.9	100	0.00
85	T	sec-Butylbenzene	50.000	49.539	0.9	99	0.00
86	T	p-Isopropyltoluene	50.000	50.227	-0.5	99	0.00
87	T	1,3-Dichlorobenzene	50.000	45.850	8.3	98	0.00
88	T	1,4-Dichlorobenzene	50.000	45.651	8.7	97	0.00
89	T	n-Butylbenzene	50.000	50.099	-0.2	100	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	47.809	4.4	100	0.00
91 T	1,2-Dichlorobenzene	50.000	46.104	7.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.538	8.9	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.228	-2.5	105	0.00
94 T	Hexachlorobutadiene	50.000	48.980	2.0	101	0.00
95 T	Naphthalene	50.000	54.229	-8.5	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.478	-3.0	105	0.00

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