Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD092120\
Data File : VD066799.D
Acq On : 21 Sep 2020 22:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Sep 22 05:43:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	48.846	2.3	91	0.00
3	P	Chloromethane	50.000	43.495	13.0	87	0.00
4	C	Vinyl Chloride	50.000	42.758	14.5#	82	0.00
5	T	Bromomethane	50.000	42.822	14.4	82	0.00
6	T	Chloroethane	50.000	42.425	15.2	78	0.00
7	T	Trichlorofluoromethane	50.000	49.168	1.7	95	0.00
8	T	Diethyl Ether	50.000	58.708	-17.4	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.226	-2.5	98	0.00
10	T	Methyl Iodide	50.000	53.244	-6.5	91	0.00
11	T	Tert butyl alcohol	250.000	263.056	-5.2	95	0.01
12	CM	1,1-Dichloroethene	50.000	53.935	-7.9#	100	0.00
13	T	Acrolein	250.000	265.254	-6.1	99	0.00
14	T	Allyl chloride	50.000	54.191	-8.4	99	0.00
15	T	Acrylonitrile	250.000	296.935	-18.8	110	0.00
16	T	Acetone	250.000	233.569	6.6	89	0.00
17	T	Carbon Disulfide	50.000	52.781	-5.6	97	0.00
18	T	Methyl Acetate	50.000	65.204	-30.4#	113	0.00
19	T	Methyl tert-butyl Ether	50.000	59.580	-19.2	106	0.00
20	T	Methylene Chloride	50.000	61.411	-22.8#	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.210	-14.4	105	0.00
22	T	Diisopropyl ether	50.000	57.668	-15.3	102	0.00
23	T	Vinyl Acetate	250.000	276.338	-10.5	94	0.00
24	P	1,1-Dichloroethane	50.000	55.107	-10.2	102	0.00
25	T	2-Butanone	250.000	277.883	-11.2	102	0.00
26	T	2,2-Dichloropropane	50.000	49.485	1.0	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.678	-19.4	107	0.00
28	T	Bromochloromethane	50.000	48.635	2.7	92	0.00
29	T	Tetrahydrofuran	250.000	301.439	-20.6#	106	0.00
30	C	Chloroform	50.000	56.384	-12.8#	104	0.00
31	T	Cyclohexane	50.000	49.789	0.4	94	0.00
32	T	1,1,1-Trichloroethane	50.000	54.508	-9.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.316	1.4	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	51.327	-2.7	97	0.00
36	T	1,1-Dichloropropene	50.000	51.614	-3.2	98	0.00
37	T	Ethyl Acetate	50.000	58.395	-16.8	107	0.00
38	T	Carbon Tetrachloride	50.000	51.581	-3.2	98	0.00
39	T	Methylcyclohexane	50.000	52.411	-4.8	96	0.00
40	TM	Benzene	50.000	55.835	-11.7	105	0.00
41	T	Methacrylonitrile	50.000	64.733	-29.5#	121	0.00
42	TM	1,2-Dichloroethane	50.000	53.618	-7.2	102	0.00
43	T	Isopropyl Acetate	50.000	56.297	-12.6	105	0.00
44	TM	Trichloroethene	50.000	57.452	-14.9	109	0.00
45	C	1,2-Dichloropropane	50.000	57.004	-14.0#	108	0.00

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Quant Time: Sep 22 05:43:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
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	58.516	-17.0	110	0.00
47	T	Bromodichloromethane	50.000	56.025	-12.0	106	0.00
48	T	Methyl methacrylate	50.000	55.369	-10.7	98	0.00
49	T	1,4-Dioxane	1000.000	1311.449	-31.1#	115	0.00
50	S	Toluene-d8	50.000	51.651	-3.3	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	284.973	-14.0	105	0.00
52	CM	Toluene	50.000	56.659	-13.3#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	53.849	-7.7	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.133	-8.3	99	0.00
55	T	1,1,2-Trichloroethane	50.000	58.934	-17.9	115	0.00
56	T	Ethyl methacrylate	50.000	61.549	-23.1#	106	0.00
57	T	1,3-Dichloropropane	50.000	57.243	-14.5	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.776	-9.5	107	0.00
59	T	2-Hexanone	250.000	287.789	-15.1	103	0.00
60	T	Dibromochloromethane	50.000	59.165	-18.3	109	0.00
61	T	1,2-Dibromoethane	50.000	58.458	-16.9	110	0.00
62	S	4-Bromofluorobenzene	50.000	51.128	-2.3	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	55.487	-11.0	110	0.00
65	PM	Chlorobenzene	50.000	55.148	-10.3	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.096	-14.2	111	0.00
67	C	Ethyl Benzene	50.000	54.822	-9.6#	102	0.00
68	T	m/p-Xylenes	100.000	109.305	-9.3	103	0.00
69	T	o-Xylene	50.000	56.358	-12.7	105	0.00
70	T	Styrene	50.000	55.846	-11.7	102	0.00
71	P	Bromoform	50.000	59.192	-18.4	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	55.393	-10.8	101	0.00
74	T	N-amyl acetate	50.000	56.436	-12.9	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.607	-13.2	113	0.00
76	T	1,2,3-Trichloropropane	50.000	52.030	-4.1	103	0.00
77	T	Bromobenzene	50.000	55.960	-11.9	109	0.00
78	T	n-propylbenzene	50.000	54.285	-8.6	100	0.00
79	T	2-Chlorotoluene	50.000	54.669	-9.3	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.581	-11.2	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.913	8.2	88	0.00
82	T	4-Chlorotoluene	50.000	55.039	-10.1	105	0.00
83	T	tert-Butylbenzene	50.000	56.029	-12.1	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.549	-11.1	103	0.00
85	T	sec-Butylbenzene	50.000	54.336	-8.7	100	0.00
86	T	p-Isopropyltoluene	50.000	54.662	-9.3	100	0.00
87	T	1,3-Dichlorobenzene	50.000	55.435	-10.9	105	0.00
88	T	1,4-Dichlorobenzene	50.000	55.107	-10.2	107	0.00
89	T	n-Butylbenzene	50.000	53.512	-7.0	96	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	52.188	-4.4	99	0.00
91 T	1,2-Dichlorobenzene	50.000	57.411	-14.8	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.638	-15.3	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.060	-20.1#	108	0.00
94 T	Hexachlorobutadiene	50.000	56.580	-13.2	105	0.00
95 T	Naphthalene	50.000	64.109	-28.2#	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	61.644	-23.3#	114	0.00

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