Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072120\
Data File : VD065991.D
Acq On : 21 Jul 2020 20:18
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 22 02:22:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	45.099	9.8	88	0.00
3	P	Chloromethane	50.000	50.865	-1.7	97	0.00
4	C	Vinyl Chloride	50.000	51.479	-3.0#	95	0.00
5	T	Bromomethane	50.000	54.503	-9.0	88	0.00
6	T	Chloroethane	50.000	54.314	-8.6	97	0.00
7	T	Trichlorofluoromethane	50.000	49.659	0.7	90	0.00
8	T	Diethyl Ether	50.000	58.019	-16.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.792	0.4	90	0.00
10	T	Methyl Iodide	50.000	54.447	-8.9	117	0.00
11	T	Tert butyl alcohol	250.000	270.354	-8.1	95	0.00
12	CM	1,1-Dichloroethene	50.000	50.337	-0.7#	91	0.00
13	T	Acrolein	250.000	237.279	5.1	98	0.00
14	T	Allyl chloride	50.000	55.116	-10.2	96	0.00
15	T	Acrylonitrile	250.000	297.308	-18.9	107	0.00
16	T	Acetone	250.000	289.747	-15.9	101	0.00
17	T	Carbon Disulfide	50.000	50.198	-0.4	91	0.00
18	T	Methyl Acetate	50.000	56.743	-13.5	108	0.00
19	T	Methyl tert-butyl Ether	50.000	60.309	-20.6#	107	0.00
20	T	Methylene Chloride	50.000	62.138	-24.3#	110	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.230	-6.5	96	0.00
22	T	Diisopropyl ether	50.000	58.994	-18.0	103	0.00
23	T	Vinyl Acetate	250.000	307.832	-23.1#	106	0.00
24	P	1,1-Dichloroethane	50.000	56.589	-13.2	100	0.00
25	T	2-Butanone	250.000	293.801	-17.5	104	0.00
26	T	2,2-Dichloropropane	50.000	51.474	-2.9	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.499	-11.0	98	0.00
28	T	Bromochloromethane	50.000	56.284	-12.6	110	0.00
29	T	Tetrahydrofuran	250.000	303.237	-21.3#	107	0.00
30	C	Chloroform	50.000	55.582	-11.2#	100	0.00
31	T	Cyclohexane	50.000	48.446	3.1	89	0.00
32	T	1,1,1-Trichloroethane	50.000	52.782	-5.6	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.934	-13.9	117	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	51.942	-3.9	113	0.00
36	T	1,1-Dichloropropene	50.000	49.994	0.0	92	0.00
37	T	Ethyl Acetate	50.000	60.215	-20.4#	114	0.00
38	T	Carbon Tetrachloride	50.000	49.498	1.0	91	0.00
39	T	Methylcyclohexane	50.000	50.954	-1.9	91	0.00
40	TM	Benzene	50.000	53.483	-7.0	99	0.00
41	T	Methacrylonitrile	50.000	52.740	-5.5	95	0.00
42	TM	1,2-Dichloroethane	50.000	56.239	-12.5	105	0.00
43	T	Isopropyl Acetate	50.000	58.678	-17.4	108	0.00
44	TM	Trichloroethene	50.000	51.963	-3.9	97	0.00
45	C	1,2-Dichloropropane	50.000	55.233	-10.5#	101	0.00

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Quant Time: Jul 22 02:22:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.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	56.161	-12.3	104	0.00
47	T	Bromodichloromethane	50.000	55.013	-10.0	102	0.00
48	T	Methyl methacrylate	50.000	55.364	-10.7	101	0.00
49	T	1,4-Dioxane	1000.000	1142.377	-14.2	103	0.00
50	S	Toluene-d8	50.000	52.716	-5.4	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	298.490	-19.4	108	0.00
52	CM	Toluene	50.000	54.337	-8.7#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	56.467	-12.9	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.455	-12.9	103	0.00
55	T	1,1,2-Trichloroethane	50.000	55.874	-11.7	105	0.00
56	T	Ethyl methacrylate	50.000	60.634	-21.3#	106	0.00
57	T	1,3-Dichloropropane	50.000	57.190	-14.4	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.204	-11.3	117	0.00
59	T	2-Hexanone	250.000	295.307	-18.1	105	0.00
60	T	Dibromochloromethane	50.000	55.889	-11.8	105	0.00
61	T	1,2-Dibromoethane	50.000	56.810	-13.6	105	0.00
62	S	4-Bromofluorobenzene	50.000	53.804	-7.6	115	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	51.381	-2.8	99	0.00
65	PM	Chlorobenzene	50.000	51.645	-3.3	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.509	-9.0	103	0.00
67	C	Ethyl Benzene	50.000	52.678	-5.4#	99	0.00
68	T	m/p-Xylenes	100.000	105.802	-5.8	98	0.00
69	T	o-Xylene	50.000	54.771	-9.5	101	0.00
70	T	Styrene	50.000	56.000	-12.0	103	0.00
71	P	Bromoform	50.000	54.530	-9.1	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	52.089	-4.2	97	0.00
74	T	N-amyl acetate	50.000	58.683	-17.4	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.731	-7.5	106	0.00
76	T	1,2,3-Trichloropropane	50.000	52.590	-5.2	107	0.00
77	T	Bromobenzene	50.000	52.672	-5.3	103	0.00
78	T	n-propylbenzene	50.000	52.147	-4.3	98	0.00
79	T	2-Chlorotoluene	50.000	52.639	-5.3	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.253	-6.5	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.901	-11.8	110	0.00
82	T	4-Chlorotoluene	50.000	52.179	-4.4	100	0.00
83	T	tert-Butylbenzene	50.000	52.881	-5.8	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.260	-6.5	101	0.00
85	T	sec-Butylbenzene	50.000	51.866	-3.7	97	0.00
86	T	p-Isopropyltoluene	50.000	52.991	-6.0	98	0.00
87	T	1,3-Dichlorobenzene	50.000	52.717	-5.4	104	0.00
88	T	1,4-Dichlorobenzene	50.000	51.899	-3.8	103	0.00
89	T	n-Butylbenzene	50.000	52.322	-4.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.058	-0.1	99	0.00
91 T	1,2-Dichlorobenzene	50.000	53.275	-6.5	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.413	-12.8	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.949	-9.9	107	0.00
94 T	Hexachlorobutadiene	50.000	51.627	-3.3	100	0.00
95 T	Naphthalene	50.000	53.703	-7.4	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.697	-9.4	106	0.00

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