Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072220\
Data File : VD065993.D
Acq On : 22 Jul 2020 10:02
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: Jul 22 15:47:13 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	46.275	7.5	97	0.00
3	P	Chloromethane	50.000	45.225	9.5	92	0.00
4	C	Vinyl Chloride	50.000	48.852	2.3#	97	0.00
5	T	Bromomethane	50.000	48.365	3.3	85	0.00
6	T	Chloroethane	50.000	49.953	0.1	95	0.00
7	T	Trichlorofluoromethane	50.000	50.502	-1.0	98	0.00
8	T	Diethyl Ether	50.000	47.374	5.3	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.438	-0.9	98	0.00
10	T	Methyl Iodide	50.000	50.445	-0.9	115	0.00
11	T	Tert butyl alcohol	250.000	209.040	16.4	81	-0.02
12	CM	1,1-Dichloroethene	50.000	50.369	-0.7#	97	0.00
13	T	Acrolein	250.000	237.548	5.0	105	0.00
14	T	Allyl chloride	50.000	49.644	0.7	93	0.00
15	T	Acrylonitrile	250.000	241.447	3.4	93	0.00
16	T	Acetone	250.000	287.162	-14.9	107	0.00
17	T	Carbon Disulfide	50.000	48.652	2.7	94	0.00
18	T	Methyl Acetate	50.000	45.290	9.4	93	0.00
19	T	Methyl tert-butyl Ether	50.000	49.508	1.0	95	0.00
20	T	Methylene Chloride	50.000	50.640	-1.3	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.035	-0.1	97	0.00
22	T	Diisopropyl ether	50.000	50.604	-1.2	95	0.00
23	T	Vinyl Acetate	250.000	257.653	-3.1	95	0.00
24	P	1,1-Dichloroethane	50.000	50.032	-0.1	95	0.00
25	T	2-Butanone	250.000	256.618	-2.6	97	0.00
26	T	2,2-Dichloropropane	50.000	51.415	-2.8	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.493	1.0	94	0.00
28	T	Bromochloromethane	50.000	52.035	-4.1	109	0.00
29	T	Tetrahydrofuran	250.000	241.717	3.3	92	0.00
30	C	Chloroform	50.000	49.235	1.5#	95	0.00
31	T	Cyclohexane	50.000	48.823	2.4	96	0.00
32	T	1,1,1-Trichloroethane	50.000	49.606	0.8	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.334	-0.7	111	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	51.250	-2.5	114	0.00
36	T	1,1-Dichloropropene	50.000	51.705	-3.4	97	0.00
37	T	Ethyl Acetate	50.000	49.353	1.3	95	0.00
38	T	Carbon Tetrachloride	50.000	52.562	-5.1	99	0.00
39	T	Methylcyclohexane	50.000	54.784	-9.6	99	0.00
40	TM	Benzene	50.000	50.764	-1.5	95	0.00
41	T	Methacrylonitrile	50.000	46.292	7.4	85	-0.01
42	TM	1,2-Dichloroethane	50.000	49.871	0.3	95	0.00
43	T	Isopropyl Acetate	50.000	49.093	1.8	92	0.00
44	TM	Trichloroethene	50.000	49.817	0.4	94	0.00
45	C	1,2-Dichloropropane	50.000	50.562	-1.1#	95	0.00

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Instrument : MSVOA_D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
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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)
46	T	Dibromomethane	50.000	49.408	1.2	93	0.00
47	T	Bromodichloromethane	50.000	50.865	-1.7	96	0.00
48	T	Methyl methacrylate	50.000	52.372	-4.7	97	0.00
49	T	1,4-Dioxane	1000.000	931.228	6.9	85	-0.01
50	S	Toluene-d8	50.000	54.025	-8.0	114	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.474	-0.2	93	0.00
52	CM	Toluene	50.000	51.317	-2.6#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	50.945	-1.9	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.579	-1.2	94	0.00
55	T	1,1,2-Trichloroethane	50.000	48.639	2.7	93	0.00
56	T	Ethyl methacrylate	50.000	51.940	-3.9	92	0.00
57	T	1,3-Dichloropropane	50.000	50.536	-1.1	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.850	-11.1	119	0.00
59	T	2-Hexanone	250.000	265.481	-6.2	96	0.00
60	T	Dibromochloromethane	50.000	49.489	1.0	95	0.00
61	T	1,2-Dibromoethane	50.000	49.634	0.7	94	0.00
62	S	4-Bromofluorobenzene	50.000	51.295	-2.6	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	51.628	-3.3	97	0.00
65	PM	Chlorobenzene	50.000	50.294	-0.6	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.200	-2.4	95	0.00
67	C	Ethyl Benzene	50.000	52.583	-5.2#	98	0.00
68	T	m/p-Xylenes	100.000	106.993	-7.0	98	0.00
69	T	o-Xylene	50.000	52.960	-5.9	96	0.00
70	T	Styrene	50.000	53.266	-6.5	97	0.00
71	P	Bromoform	50.000	49.231	1.5	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	53.164	-6.3	97	0.00
74	T	N-amyl acetate	50.000	52.039	-4.1	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.834	2.3	94	0.00
76	T	1,2,3-Trichloropropane	50.000	48.915	2.2	97	0.00
77	T	Bromobenzene	50.000	51.062	-2.1	98	0.00
78	T	n-propylbenzene	50.000	53.835	-7.7	98	0.00
79	T	2-Chlorotoluene	50.000	51.757	-3.5	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.362	-8.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.930	-3.9	99	0.00
82	T	4-Chlorotoluene	50.000	52.049	-4.1	97	0.00
83	T	tert-Butylbenzene	50.000	54.679	-9.4	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.315	-8.6	100	0.00
85	T	sec-Butylbenzene	50.000	54.802	-9.6	100	0.00
86	T	p-Isopropyltoluene	50.000	55.401	-10.8	100	0.00
87	T	1,3-Dichlorobenzene	50.000	51.135	-2.3	98	0.00
88	T	1,4-Dichlorobenzene	50.000	51.297	-2.6	99	0.00
89	T	n-Butylbenzene	50.000	55.311	-10.6	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.198	-4.4	100	0.00
91 T	1,2-Dichlorobenzene	50.000	51.121	-2.2	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.414	1.2	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.845	-7.7	102	0.00
94 T	Hexachlorobutadiene	50.000	54.048	-8.1	102	0.00
95 T	Naphthalene	50.000	47.340	5.3	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.840	-3.7	98	0.00

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