Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD031220\
Data File : VD065496.D
Acq On : 12 Mar 2020 21:09
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Mar 13 05:00:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	41.875	16.3	78	0.00
3	P	Chloromethane	50.000	45.577	8.8	86	0.00
4	C	Vinyl Chloride	50.000	45.893	8.2#	82	0.00
5	T	Bromomethane	50.000	53.936	-7.9	87	0.00
6	T	Chloroethane	50.000	48.398	3.2	85	0.00
7	T	Trichlorofluoromethane	50.000	47.004	6.0	85	0.00
8	T	Diethyl Ether	50.000	53.434	-6.9	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.416	5.2	86	0.00
10	T	Methyl Iodide	50.000	52.663	-5.3	83	0.00
11	T	Tert butyl alcohol	250.000	291.385	-16.6	108	0.00
12	CM	1,1-Dichloroethene	50.000	47.297	5.4#	85	0.00
13	T	Acrolein	250.000	265.933	-6.4	101	0.00
14	T	Allyl chloride	50.000	49.635	0.7	86	0.00
15	T	Acrylonitrile	250.000	273.147	-9.3	98	0.00
16	T	Acetone	250.000	215.060	14.0	81	0.00
17	T	Carbon Disulfide	50.000	45.746	8.5	81	0.00
18	T	Methyl Acetate	50.000	53.382	-6.8	99	0.00
19	T	Methyl tert-butyl Ether	50.000	56.765	-13.5	97	0.00
20	T	Methylene Chloride	50.000	57.698	-15.4	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.870	-1.7	88	0.00
22	T	Diisopropyl ether	50.000	56.942	-13.9	96	0.00
23	T	Vinyl Acetate	250.000	289.422	-15.8	95	0.00
24	P	1,1-Dichloroethane	50.000	52.941	-5.9	93	0.00
25	T	2-Butanone	250.000	261.365	-4.5	94	0.00
26	T	2,2-Dichloropropane	50.000	48.135	3.7	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.872	-7.7	92	0.00
28	T	Bromochloromethane	50.000	56.091	-12.2	99	0.00
29	T	Tetrahydrofuran	250.000	285.402	-14.2	99	0.00
30	C	Chloroform	50.000	54.651	-9.3#	95	0.00
31	T	Cyclohexane	50.000	45.664	8.7	82	0.00
32	T	1,1,1-Trichloroethane	50.000	50.842	-1.7	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.299	-4.6	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	51.639	-3.3	91	0.00
36	T	1,1-Dichloropropene	50.000	49.585	0.8	87	0.00
37	T	Ethyl Acetate	50.000	54.429	-8.9	100	0.00
38	T	Carbon Tetrachloride	50.000	49.430	1.1	89	0.00
39	T	Methylcyclohexane	50.000	47.939	4.1	81	0.00
40	TM	Benzene	50.000	52.859	-5.7	93	0.00
41	T	Methacrylonitrile	50.000	49.023	2.0	101	0.00
42	TM	1,2-Dichloroethane	50.000	54.779	-9.6	99	0.00
43	T	Isopropyl Acetate	50.000	53.656	-7.3	96	0.00
44	TM	Trichloroethene	50.000	51.314	-2.6	90	0.00
45	C	1,2-Dichloropropane	50.000	54.815	-9.6#	97	0.00

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Quant Time: Mar 13 05:00:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	55.459	-10.9	98	0.00
47	T	Bromodichloromethane	50.000	54.643	-9.3	96	0.00
48	T	Methyl methacrylate	50.000	56.461	-12.9	101	0.00
49	T	1,4-Dioxane	1000.000	1138.458	-13.8	101	0.00
50	S	Toluene-d8	50.000	50.861	-1.7	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	287.285	-14.9	101	0.00
52	CM	Toluene	50.000	54.051	-8.1#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	54.612	-9.2	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.261	-10.5	95	0.00
55	T	1,1,2-Trichloroethane	50.000	56.075	-12.2	102	0.00
56	T	Ethyl methacrylate	50.000	58.356	-16.7	99	0.00
57	T	1,3-Dichloropropane	50.000	55.721	-11.4	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.253	-0.1	97	0.00
59	T	2-Hexanone	250.000	278.265	-11.3	96	0.00
60	T	Dibromochloromethane	50.000	56.529	-13.1	101	0.00
61	T	1,2-Dibromoethane	50.000	55.672	-11.3	101	0.00
62	S	4-Bromofluorobenzene	50.000	54.345	-8.7	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	49.679	0.6	91	0.00
65	PM	Chlorobenzene	50.000	52.491	-5.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.447	-8.9	101	0.00
67	C	Ethyl Benzene	50.000	53.530	-7.1#	94	0.00
68	T	m/p-Xylenes	100.000	107.555	-7.6	94	0.00
69	T	o-Xylene	50.000	55.067	-10.1	95	0.00
70	T	Styrene	50.000	56.165	-12.3	97	0.00
71	P	Bromoform	50.000	53.397	-6.8	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	51.791	-3.6	93	0.00
74	T	N-amyl acetate	50.000	53.894	-7.8	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.077	-4.2	103	0.00
76	T	1,2,3-Trichloropropane	50.000	49.920	0.2	99	0.00
77	T	Bromobenzene	50.000	52.145	-4.3	99	0.00
78	T	n-propylbenzene	50.000	51.538	-3.1	93	0.00
79	T	2-Chlorotoluene	50.000	51.246	-2.5	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.683	-5.4	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.884	2.2	95	0.00
82	T	4-Chlorotoluene	50.000	51.607	-3.2	96	0.00
83	T	tert-Butylbenzene	50.000	51.928	-3.9	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.619	-7.2	96	0.00
85	T	sec-Butylbenzene	50.000	50.515	-1.0	91	0.00
86	T	p-Isopropyltoluene	50.000	51.836	-3.7	92	0.00
87	T	1,3-Dichlorobenzene	50.000	51.897	-3.8	100	0.00
88	T	1,4-Dichlorobenzene	50.000	50.972	-1.9	99	0.00
89	T	n-Butylbenzene	50.000	51.278	-2.6	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.018	2.0	93	0.00
91 T	1,2-Dichlorobenzene	50.000	52.320	-4.6	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.403	-2.8	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.108	-6.2	101	0.00
94 T	Hexachlorobutadiene	50.000	48.657	2.7	93	0.00
95 T	Naphthalene	50.000	49.773	0.5	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.540	-9.1	103	0.00

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