Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD122419\
Data File : VD064587.D
Acq On : 24 Dec 2019 13:20
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ICVVD122419

Quant Time: Dec 24 17:20:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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	107	0.00
2	T	Dichlorodifluoromethane	50.000	50.657	-1.3	107	0.00
3	P	Chloromethane	50.000	51.777	-3.6	111	0.00
4	C	Vinyl Chloride	50.000	49.432	1.1#	108	0.00
5	T	Bromomethane	50.000	46.245	7.5	103	0.00
6	T	Chloroethane	50.000	49.687	0.6	104	0.00
7	T	Trichlorofluoromethane	50.000	49.838	0.3	106	0.00
8	T	Diethyl Ether	50.000	46.609	6.8	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.974	-1.9	107	0.00
10	T	Methyl Iodide	50.000	48.869	2.3	94	0.00
11	T	Tert butyl alcohol	250.000	258.900	-3.6	102	0.00
12	CM	1,1-Dichloroethene	50.000	50.219	-0.4#	106	0.00
13	T	Acrolein	250.000	246.030	1.6	101	0.00
14	T	Allyl chloride	50.000	49.623	0.8	105	0.00
15	T	Acrylonitrile	250.000	235.284	5.9	98	0.00
16	T	Acetone	250.000	268.961	-7.6	115	0.00
17	T	Carbon Disulfide	50.000	49.257	1.5	106	0.00
18	T	Methyl Acetate	50.000	46.171	7.7	99	0.00
19	T	Methyl tert-butyl Ether	50.000	47.971	4.1	99	0.00
20	T	Methylene Chloride	50.000	50.566	-1.1	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.571	0.9	106	0.00
22	T	Diisopropyl ether	50.000	47.933	4.1	100	0.00
23	T	Vinyl Acetate	250.000	248.774	0.5	100	0.00
24	P	1,1-Dichloroethane	50.000	49.453	1.1	104	0.00
25	T	2-Butanone	250.000	246.166	1.5	101	0.00
26	T	2,2-Dichloropropane	50.000	50.539	-1.1	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.044	1.9	103	0.00
28	T	Bromochloromethane	50.000	52.428	-4.9	103	0.00
29	T	Tetrahydrofuran	250.000	234.936	6.0	96	0.00
30	C	Chloroform	50.000	48.881	2.2#	104	0.00
31	T	Cyclohexane	50.000	48.107	3.8	107	0.00
32	T	1,1,1-Trichloroethane	50.000	49.382	1.2	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.942	4.1	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	49.317	1.4	97	0.00
36	T	1,1-Dichloropropene	50.000	51.802	-3.6	106	0.00
37	T	Ethyl Acetate	50.000	50.327	-0.7	98	0.00
38	T	Carbon Tetrachloride	50.000	52.315	-4.6	105	0.00
39	T	Methylcyclohexane	50.000	53.135	-6.3	106	0.00
40	TM	Benzene	50.000	50.650	-1.3	104	0.00
41	T	Methacrylonitrile	50.000	50.617	-1.2	94	0.00
42	TM	1,2-Dichloroethane	50.000	48.401	3.2	98	0.00
43	T	Isopropyl Acetate	50.000	48.245	3.5	96	0.00
44	TM	Trichloroethene	50.000	50.612	-1.2	104	0.00
45	C	1,2-Dichloropropane	50.000	50.281	-0.6#	102	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	49.523	1.0	99	0.00
47	T	Bromodichloromethane	50.000	48.834	2.3	99	0.00
48	T	Methyl methacrylate	50.000	47.501	5.0	90	0.00
49	T	1,4-Dioxane	1000.000	937.461	6.3	96	0.00
50	S	Toluene-d8	50.000	51.040	-2.1	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.231	2.3	97	0.00
52	CM	Toluene	50.000	51.162	-2.3#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	51.188	-2.4	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.240	-2.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	49.055	1.9	100	0.00
56	T	Ethyl methacrylate	50.000	49.494	1.0	98	0.00
57	T	1,3-Dichloropropane	50.000	48.708	2.6	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.527	5.8	101	0.00
59	T	2-Hexanone	250.000	259.829	-3.9	100	0.00
60	T	Dibromochloromethane	50.000	49.253	1.5	99	0.00
61	T	1,2-Dibromoethane	50.000	49.085	1.8	99	0.00
62	S	4-Bromofluorobenzene	50.000	49.693	0.6	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	53.241	-6.5	106	0.00
65	PM	Chlorobenzene	50.000	50.683	-1.4	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.920	-5.8	104	0.00
67	C	Ethyl Benzene	50.000	52.590	-5.2#	103	0.00
68	T	m/p-Xylenes	100.000	106.535	-6.5	103	0.00
69	T	o-Xylene	50.000	52.659	-5.3	102	0.00
70	T	Styrene	50.000	51.828	-3.7	101	0.00
71	P	Bromoform	50.000	50.671	-1.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	52.569	-5.1	102	0.00
74	T	N-amyl acetate	50.000	51.252	-2.5	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.071	1.9	97	0.00
76	T	1,2,3-Trichloropropane	50.000	55.215	-10.4	127	0.00
77	T	Bromobenzene	50.000	50.744	-1.5	100	0.00
78	T	n-propylbenzene	50.000	53.076	-6.2	104	0.00
79	T	2-Chlorotoluene	50.000	51.111	-2.2	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.698	-5.4	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.786	0.4	98	0.00
82	T	4-Chlorotoluene	50.000	51.447	-2.9	102	0.00
83	T	tert-Butylbenzene	50.000	53.675	-7.3	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.873	-5.7	103	0.00
85	T	sec-Butylbenzene	50.000	53.970	-7.9	105	0.00
86	T	p-Isopropyltoluene	50.000	53.215	-6.4	103	0.00
87	T	1,3-Dichlorobenzene	50.000	51.585	-3.2	102	0.00
88	T	1,4-Dichlorobenzene	50.000	51.421	-2.8	101	0.00
89	T	n-Butylbenzene	50.000	54.596	-9.2	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.314	-2.6	101	0.00
91 T	1,2-Dichlorobenzene	50.000	50.693	-1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.447	-0.9	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.924	-5.8	103	0.00
94 T	Hexachlorobutadiene	50.000	53.740	-7.5	106	0.00
95 T	Naphthalene	50.000	52.360	-4.7	99	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.284	-4.6	102	0.00

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