

LI-7700 CH₄ Analyzer

Performance Verification

Serial Number TG1-0224

Date: 19 Jan 2012

Technician JCF

Settings

Zero = -23.605 set on 2012-01-19 23:06:38
Span = 9.87438e-05 set on 2012-01-19 23:16:17

serialnumber = TG1-0224
lasermodepth = 10200
laserstartemp = 30.7
blockstartemp = 30
blockstartemplowrange = 5
rssidrophresh = 0
pzero = 57.46
pspan = 15.27
samplegain = 0
refgain = 0
mirrorpos = 0
offset1 = 32768
delta1 = 46
offset2 = 0
delta2 = 0
dither = 30000
sampledcoffset = 422
sampleacoffset = -970
sampleopticaloffset = 0



Biosciences

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CO2 Performance Checkout File = L:\MICHAEL\CALS\77H\0224\20120119.fc

Type	Time	CH4(ppm)	CH4SD	CH4Slp	CH4D	CH4DSD	CH4Dslp	SRsst	SRSSSD	TOven(C)	TC(C)	TC(C)	RIoff(%)	Pak(Pa)	Press	Isl(ft)	MSFC	Diag		
1	CH4/77	17:24:36	0	-0.00027	4.46E-4	5.11E-5	-0.00001	1.79E-5	2.06E-6	90.47	4.92E-3	26.10	27.23	27.70	6.21	97.67	97.66	2.148	6364638	000e
2	CH4/77	17:31:38	1.02	1.00688	7.33E-4	3.43E-4	0.04053	1.73E-5	-5.53E-6	90.44	3.90E-3	26.10	27.50	27.71	6.13	97.70	97.71	1.820	6785838	000e
3	CH4/77	17:39:55	2.01	2.01098	1.32E-3	-4.09E-4	0.08099	1.84E-5	1.60E-5	90.40	3.06E-3	26.10	27.45	27.74	6.21	97.71	97.69	1.791	7283038	000e
4	CH4/77	17:48:21	4.03	4.01314	2.59E-3	3.15E-3	0.16160	2.30E-5	2.20E-7	90.33	2.79E-3	26.10	27.24	27.75	5.98	97.70	97.67	1.901	7789238	000e
5	CH4/77	17:56:22	7.00	7.01271	4.14E-3	7.61E-4	0.28235	2.53E-5	-1.90E-5	90.22	3.80E-3	26.10	27.45	27.76	6.14	97.72	97.72	1.643	8270438	000e
6	CH4/77	18:05:32	10.0	10.07947	6.24E-3	-3.42E-3	0.40576	3.47E-5	-1.55E-5	90.27	1.25E-2	26.10	27.51	27.78	6.30	97.70	97.74	2.172	13478238	000e
7	CH4/77	19:23:10	0	0.01041	3.18E-4	-6.13E-4	0.00251	1.61E-5	-3.09E-5	86.87	3.47E-3	-24.10	-23.15	-22.27	6.30	97.72	97.74	2.172	13478238	001e
8	CH4/77	19:30:55	2.01	2.02477	1.27E-3	5.23E-4	0.10251	2.17E-5	4.66E-5	86.79	2.13E-2	-24.20	-23.05	-22.29	6.43	97.72	97.71	1.791	13942438	001e
9	CH4/77	19:40:22	10.0	10.09399	5.55E-3	2.24E-3	0.51101	8.00E-5	3.62E-6	86.38	1.44E-2	-24.20	-23.14	-22.30	6.41	97.70	97.70	1.968	14509638	001e
10	CH4/77	19:48:50	25.3	25.05992	1.46E-2	3.01E-3	1.26861	2.19E-4	85.66	1.92E-2	-24.20	-23.11	-22.31	6.44	97.73	97.71	1.908	15017838	001e	
11	CH4/77	21:17:38	0	-0.02678	5.26E-4	-3.38E-4	-0.00099	1.95E-5	-1.17E-5	91.93	3.74E-3	46.00	45.96	46.01	5.29	97.73	97.71	2.203	20346438	000e
12	CH4/77	21:24:39	2.01	1.98588	1.19E-3	-1.37E-4	0.07345	1.64E-5	-3.16E-5	91.87	2.94E-3	44.90	46.28	46.18	5.58	97.73	97.69	1.790	20767638	000e
13	CH4/77	21:41:10	10.0	10.06196	6.64E-3	4.58E-3	0.36986	3.06E-5	-5.45E-5	91.70	3.80E-3	46.00	47.60	47.63	5.16	97.69	97.65	1.968	21758038	000e
14	CH4/77	21:50:16	40.1	39.83919	2.57E-2	-7.85E-3	1.46330	9.50E-5	1.58E-5	90.76	4.12E-3	46.30	47.78	48.12	5.29	97.70	97.69	1.606	22304438	000e

