

LI-7700 CH₄ Analyzer

Performance Verification

Serial Number TG1-0223

Date: 19 Jan 2012

Technician JCF

Settings

Zero = -18.6157 set on 2012-01-19 23:06:38

Span = 9.90305e-05 set on 2012-01-19 23:16:17

serialnumber = TG1-0223

lasermoddepth = 10000

laserstarttemp = 26.2

blockstarttemp = 30

blockstarttemplovrage = 5

rssidrophresh = 0

pzero = 57.32

pspan = 15.23

samplgain = 0

refgain = 0

mirrorpos = 0

offset1 = 32768

delta1 = 45

offset2 = 0

delta2 = 0

dither = 30000

sampledcoffset = 342

sampleacoffset = -905

sampleopticaloffset = 0

CO2 Performance Checkout. File = L:\MICHAEL\CALS\77H\0223\20120119.fc

Type	Time	CH4(ppm)	CH4	CH4SD	CH4Slp	CH4D	CH4DSD	CH4DSlp	SRssi	SRssiSD	TOven(C)	T(C)	To(C)	RHo(%)	Pa(kPa)	Press	Fs(l/m)	MSEC	Diag	
1	CH4/77	17:24:36	0	-0.00005	4.92E-4	1.07E-4	0.00000	1.99E-5	4.34E-6	86.76	2.01E-2	26.10	26.04	26.42	6.65	97.67	97.68	2.148	6547338	000e
2	CH4/77	17:31:38	1.02	1.00631	5.50E-4	2.10E-4	0.04076	1.95E-5	-4.38E-6	86.73	2.29E-2	26.10	26.13	26.43	7.11	97.70	97.74	1.820	6968738	000e
3	CH4/77	17:39:55	2.01	2.01016	1.01E-3	-1.30E-3	0.08143	2.48E-5	-1.25E-5	86.69	2.06E-2	26.10	26.14	26.44	7.09	97.71	97.71	1.791	7465938	000e
4	CH4/77	17:48:21	4.03	4.01089	1.59E-3	1.62E-3	0.16248	2.37E-5	-3.37E-7	86.63	2.32E-2	26.10	26.03	26.45	6.64	97.70	97.70	1.901	7972138	000e
5	CH4/77	17:56:22	7.00	7.00932	2.29E-3	2.71E-3	0.28389	3.13E-5	-1.17E-5	86.52	2.27E-2	26.10	26.20	26.45	6.65	97.72	97.75	1.643	8453338	000e
6	CH4/77	18:05:32	10.0	10.07524	3.89E-3	-8.69E-4	0.40797	4.86E-5	2.22E-5	86.50	2.38E-2	26.10	26.19	26.45	7.14	97.70	97.74	1.958	9003538	000e
7	CH4/77	19:23:10	0	0.02050	7.81E-4	-8.34E-5	0.00104	3.96E-5	-3.98E-6	89.22	6.23E-3	-24.10	-23.85	-23.03	7.11	97.74	97.76	2.172	13661338	001e
8	CH4/77	19:30:55	2.01	2.03975	1.00E-3	-5.33E-4	0.10360	3.96E-5	-4.14E-6	89.11	7.44E-3	-24.20	-23.80	-23.05	6.84	97.72	97.73	1.791	14125338	001e
9	CH4/77	19:40:22	10.0	10.12071	3.55E-3	4.22E-3	0.51406	8.61E-5	7.35E-5	88.70	6.47E-3	-24.20	-23.83	-23.06	7.02	97.70	97.72	1.968	14692338	001e
10	CH4/77	19:48:50	25.3	25.10964	8.04E-3	3.14E-3	1.27543	2.32E-4	1.25E-4	87.94	4.84E-3	-24.20	-23.80	-23.07	7.26	97.71	97.72	1.908	15200538	001e
11	CH4/77	21:17:38	0	-0.02217	5.27E-4	-7.08E-4	-0.00082	1.95E-5	-2.57E-5	87.61	3.23E-3	46.00	45.79	45.88	5.68	97.73	97.74	2.203	20529338	000e
12	CH4/77	21:24:39	2.01	1.98339	8.72E-4	1.79E-3	0.07383	2.08E-5	2.14E-5	87.49	4.68E-3	44.90	44.90	45.65	5.99	97.73	97.72	1.790	20950738	000e
13	CH4/77	21:41:10	10.0	10.03973	3.28E-3	2.18E-3	0.37159	4.29E-5	-2.22E-5	87.25	4.22E-3	46.00	46.13	46.25	6.22	97.69	97.67	1.968	21941138	000e
14	CH4/77	21:50:16	40.1	39.76074	1.54E-2	-6.50E-3	1.47065	1.36E-4	-8.10E-5	86.28	4.00E-3	46.30	46.25	46.61	5.71	97.70	97.71	1.606	22487138	000e

