

JAZ Trial Statistics

Trial	Location	Height (m)	Unit	distance from tank (m)	azimuth from tank (°)	mean background (ppm)	std dev background (ppm)	Upper Calibration Limit	time to max conc (minutes)	max conc (new calibration, no bkgd subtract) (ppm)	max conc (new calibration, bkgd subtract) (ppm)	max conc (new calibration, LOB subtract) (ppm)	max conc (old calibration, no bkgd subtract) (ppm)
6	120-02	0.3	14	120.011	14.994	1685.5	4.7	50,000 / 100,000	0.85	42679.5	40994.0	40563.14	53172.04
6	120-03	0.3	8	120.016	355.001	2659.4	11.8	50,000 / 100,000	0.60	45837.8	43178.4	42714.25	52735.72
6	120-04	0.3	10	119.994	335.014	2880.9	7.4	50,000 / 100,000	0.65	58129.8	55248.9	55184.27	50369.74
6	120-05	0.3	15	119.997	314.991	894.6	14.2	50,000 / 100,000	0.80	55235.6	54341.0	53180.03	67469.81
6	200-06	0.3	12	200.266	345.003	2293.0	6.9	50,000 / 100,000	1.28	46111.1	43818.1	43773.47	40261.42
6	200-07	0.3	2	199.041	335.202	697.6	8.2	50,000 / 100,000	1.27	39085.9	38388.4	38151.31	34679.48
6	200-08	0.3	4	200.238	324.994	1707.1	8.8	50,000 / 100,000	11.37	39213.5	37506.5	37490.43	36677.99
6	85-01	0.3	3	85.034	29.987	1532.8	8.4	50,000 / 100,000	0.63	53411.6	51878.7	51720.87	50947.89
6	85-02	0.3	1	85.010	0.022	758.9	9.7	50,000 / 100,000	0.42	55952.1	55193.1	55161.59	53003.15
6	85-03	0.3	9	84.968	330.010	1200.2	7.6	50,000 / 100,000	0.48	51545.9	50345.7	50379.24	62339.06
6	85-04	0.3	7	84.988	300.004	558.9	6.5	50,000 / 100,000	0.58	65476.5	64917.6	64893.14	83230.02
6	85-06	0.3	6	85.006	150.000	596.2	7.2	50,000 / 100,000	118.98	721.4	125.2	-587.90	1348.17
6	CONNEXbackRoom	0.3	16	86.389	359.648	1044.1	7.4	50,000 / 100,000	8.97	3723.4	2679.2	2727.88	4123.27
6	CONNEXfrontRoom	0.3	5	86.389	359.648	727.2	15.3	50,000 / 100,000	0.82	18328.2	17601.1	17498.23	19603.59
6	Office	0.3	13	87.177	328.783	794.5	7.1	50,000 / 100,000	6.22	4383.7	3589.2	3001.00	4610.08
7	120-02	0.3	14	120.011	14.994	1722.7	4.8	50,000 / 100,000	0.67	71105.8	69383.1	68989.42	90962.88
7	120-03	0.3	8	120.016	355.001	2644.7	11.9	50,000 / 100,000	0.43	84212.1	81567.4	81088.60	100436.72
7	120-04	0.3	10	119.994	335.014	2846.0	7.2	50,000 / 100,000	0.38	89569.4	86723.5	86623.95	78769.79
7	120-05	0.3	15	119.997	314.991	884.3	13.5	50,000 / 100,000	0.72	43330.8	42446.6	41275.25	52759.22
7	200-05	0.3	11	200.253	355.042	1796.7	10.3	50,000 / 100,000	0.98	65239.7	63443.0	63456.30	61504.59
7	200-06	0.3	12	200.266	345.003	2335.8	7.4	50,000 / 100,000	0.87	72580.4	70244.6	70242.83	63861.78
7	200-07	0.3	2	199.041	335.202	1030.5	5.2	50,000 / 100,000	0.77	59507.6	58477.1	58573.01	52582.94
7	200-08	0.3	4	200.238	324.994	1668.1	8.5	50,000 / 100,000	1.03	42073.4	40405.4	40350.33	39369.66
7	85-01	0.3	3	85.034	29.987	1521.6	8.8	50,000 / 100,000	103.75	1584.5	62.9	-106.17	1139.18
7	85-02	0.3	1	85.010	0.022	747.7	8.9	50,000 / 100,000	0.42	101355.3	100607.5	100564.76	95713.77
7	85-03	0.3	9	84.968	330.010	1122.8	6.6	50,000 / 100,000	0.55	65718.6	64595.8	64551.91	79692.36
7	85-04	0.3	7	84.988	300.004	535.8	6.4	50,000 / 100,000	118.90	592.0	56.1	8.57	-1231.74
7	85-06	0.3	6	85.006	150.000	684.2	6.8	50,000 / 100,000	106.32	776.2	92.0	-533.10	1399.65
7	CONNEXbackRoom	0.3	16	86.389	359.648	900.0	8.1	50,000 / 100,000	3.82	3278.7	2378.7	2283.24	3655.85
7	CONNEXfrontRoom	0.3	5	86.389	359.648	728.3	14.6	50,000 / 100,000	0.53	23211.7	22483.3	22381.69	24724.43

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7	Office	0.3	13	87.177	328.783	719.2	6.8	50,000 / 100,000	1.73	4202.6	3483.4	2819.91	4397.37
8	120-01	0.3	3	119.991	35.005	1622.2	9.4	50,000 / 100,000	40.52	8329.6	6707.5	6638.93	7621.85
8	120-03	0.3	8	120.016	355.001	2417.2	11.2	50,000 / 100,000	36.70	12852.5	10435.4	9729.05	11736.80
8	120-06	0.3	6	120.013	295.004	712.6	7.4	50,000 / 100,000	22.50	29218.5	28505.9	27909.25	28030.34
8	200-05	0.3	11	200.253	355.042	1686.9	11.5	50,000 / 100,000	2.32	4086.1	2399.2	2302.71	3388.55
8	200-06	0.3	12	200.266	345.003	2350.3	7.3	50,000 / 100,000	1.32	5182.6	2832.3	2845.01	3772.86
8	200-07	0.3	2	199.041	335.202	985.2	5.8	50,000 / 100,000	31.45	5530.2	4544.9	4595.55	5258.35
8	200-08	0.3	4	200.238	324.994	1639.7	9.3	50,000 / 100,000	29.95	6801.3	5161.6	5078.22	6189.34
8	85-02	0.3	1	85.010	0.022	779.3	8.7	50,000 / 100,000	35.75	28475.8	27696.5	27685.27	27153.63
8	85-03	0.3	9	84.968	330.010	1196.8	7.8	50,000 / 100,000	22.22	27622.3	26425.5	26455.63	33046.01
8	85-04	0.3	7	84.988	300.004	553.0	6.2	50,000 / 100,000	21.43	34135.1	33582.1	33551.72	42430.52
8	CONNEXbackRoom	0.3	16	86.389	359.648	1058.3	8.8	50,000 / 100,000	41.05	2134.6	1076.4	1139.14	2448.97
8	CONNEXfrontRoom	0.3	5	86.389	359.648	838.8	15.6	50,000 / 100,000	36.05	3577.5	2738.7	2747.53	4142.98
8	Office	0.3	13	87.177	328.783	748.5	6.9	50,000 / 100,000	35.02	5499.8	4751.3	4117.12	5931.58
9	120-02	0.3	14	120.011	14.994	1785.0	4.9	50,000 / 100,000	3.85	38956.4	37171.4	36839.98	48222.48
9	120-03	0.3	8	120.016	355.001	2688.0	11.9	50,000 / 100,000	0.98	29627.0	26939.0	26503.46	32582.73
9	120-04	0.3	10	119.994	335.014	2881.3	6.7	50,000 / 100,000	3.27	37212.9	34331.6	34267.40	31474.00
9	200-05	0.3	11	200.253	355.042	1700.1	11.9	50,000 / 100,000	1.50	15736.0	14035.9	13952.58	14459.85
9	200-06	0.3	12	200.266	345.003	2296.7	7.5	50,000 / 100,000	3.52	30873.9	28577.2	28536.28	26676.20
9	200-07	0.3	2	199.041	335.202	949.4	5.3	50,000 / 100,000	4.17	10397.6	9448.2	9463.04	9523.91
9	200-08	0.3	4	200.238	324.994	1708.8	9.8	50,000 / 100,000	3.32	29502.6	27793.8	27779.54	27545.46
9	85-01	0.3	3	85.034	29.987	1460.8	8.2	50,000 / 100,000	3.50	56602.1	55141.3	54911.39	54013.13
9	85-02	0.3	1	85.010	0.022	748.5	8.5	50,000 / 100,000	3.15	39910.6	39162.1	39120.11	37908.62
9	85-03	0.3	9	84.968	330.010	1137.9	6.8	50,000 / 100,000	0.53	39768.5	38630.7	38601.85	47918.38
9	85-04	0.3	7	84.988	300.004	579.7	6.3	50,000 / 100,000	2.15	61714.4	61134.7	61130.97	78330.66
9	85-06	0.3	6	85.006	150.000	624.5	7.8	50,000 / 100,000	113.90	741.3	116.8	-567.97	1369.09
9	CONNEXbackRoom	0.3	16	86.389	359.648	967.7	8.5	50,000 / 100,000	20.70	6496.2	5528.5	5500.68	7053.99
9	CONNEXfrontRoom	0.3	5	86.389	359.648	741.5	12.1	50,000 / 100,000	3.22	14472.1	13730.6	13642.12	15562.47
9	Office	0.3	13	87.177	328.783	742.3	7.3	50,000 / 100,000	11.27	6416.4	5674.0	5033.67	7017.13