

UV Canary 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 (no bkgd subtract) (ppm)	max conc (bkgd subtract) (ppm)
6	120-05	0.3	12	120	315	29.2	6.0	15000	0.73	43127.1	43097.9
6	120-06	0.3	11	120	295	-138.3	8.3	15000	1.00	33787.4	33925.6
6	120-08	0.3	9	120	180	-12.4	5.3	15000	32.93	12.7	25.1
6	120-09	0.3	10	120	150	-57.6	2.8	15000	113.47	7.2	64.7
6	200-05	0.3	20	200	355	-0.5	0.3	15000	1.20	24760.9	24761.4
6	200-06	3.0	19	200	345	-0.7	0.4	15000	0.97	2785.5	2786.1
6	200-06	6.0	18	200	345	-3.0	1.1	15000	1.00	1325.4	1328.4
6	200-07	3.0	16	199	335	-11.3	4.7	15000	4.72	2815.2	2826.5
6	200-07	6.0	17	199	335	19.9	2.7	15000	11.23	1610.7	1590.8
6	200-08	0.3	15	200	325	16.6	4.5	15000	1.30	38013.9	37997.3
6	Car1	0.3	1	86	332	-29.6	6.1	15000	6.15	2893.0	2922.6
6	Car5	0.3	6	82	358	-4.9	4.2	15000	2.32	1007.0	1011.9
6	InletRoomMiddle (Crack Room)	0.3	5	86	360	-3.1	0.8	15000	1.60	4886.4	4889.5
6	InletRoomSouth (Crack Room)	0.3	4	86	360	-45.5	9.2	15000	0.93	11384.3	11429.8
6	OfficeNorth	0.3	3	87	329	35.6	28.4	15000	5.55	5972.4	5936.8
6	OfficeSouth	0.3	2	87	329	-21.9	1.0	15000	6.25	4320.4	4342.3
6	OutletRoomMiddle (Fan Room)	0.3	8	86	360	-40.5	1.3	15000	8.73	3368.1	3408.5
6	OutletRoomNorth (Fan Room)	2.0	7	86	360	-17.4	1.6	15000	11.35	2556.2	2573.5
7	120-02	3.0	13	120	15	3.5	2.9	15000	0.68	9777.0	9773.5
7	120-05	3.0	12	120	315	2.1	1.4	15000	0.50	23213.9	23211.9
7	120-06	0.3	11	120	295	-77.5	0.9	15000	96.72	119.0	196.5
7	200-05	0.3	20	200	355	-2.7	0.2	15000	0.90	29138.7	29141.4
7	200-06	3.0	19	200	345	-2.8	1.0	15000	0.58	19334.5	19337.4
7	200-06	6.0	18	200	345	-8.3	1.6	15000	0.93	1374.3	1382.6
7	200-07	3.0	16	199	335	-15.1	4.0	15000	0.58	18120.9	18135.9
7	200-07	6.0	17	199	335	13.2	1.5	15000	0.55	1039.2	1026.0
7	200-08	0.3	15	200	325	-52.9	3.0	15000	0.88	33917.1	33970.0
7	500-10	0.3	9	500	10	-53.6	1.7	15000	113.33	8.1	61.7
7	500-20	0.3	10	500	345	-97.4	2.2	15000	1.82	22685.9	22783.3
7	Car5	0.3	6	82	358	0.0	0.7	15000	1.28	266.2	266.2
7	InletRoomMiddle (Crack Room)	0.3	5	86	360	-19.8	0.6	15000	0.90	10501.6	10521.4
7	InletRoomSouth (Crack Room)	0.3	4	86	360	-15.9	1.2	15000	0.63	25197.5	25213.4
7	OfficeSouth	0.3	2	87	329	-14.8	0.3	15000	1.83	4259.6	4274.4
7	OutletRoomMiddle (Fan Room)	0.3	8	86	360	42.0	1.7	15000	3.83	2911.7	2869.6
7	OutletRoomNorth (Fan Room)	2.0	7	86	360	-14.7	1.7	15000	8.03	2349.7	2364.4

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7	Truck3	0.3	1	86	332	-24.0	2.6	15000	1.07	8211.3	8235.3
8	120-02	3.0	13	120	15	-16.2	2.4	15000	37.08	6230.5	6246.7
8	120-05	3.0	12	120	315	42.1	0.5	15000	28.60	7956.7	7914.6
8	200-04	0.3	10	200	5	-29.4	6.7	15000	38.00	2137.3	2166.7
8	200-05	0.3	20	200	355	8.2	2.1	15000	1.15	2297.6	2289.3
8	200-06	3.0	19	200	345	4.0	0.6	15000	32.10	2716.2	2712.2
8	200-06	6.0	18	200	345	28.0	2.9	15000	1.23	1711.6	1683.6
8	200-07	3.0	16	199	335	28.5	3.3	15000	1.08	2980.1	2951.6
8	200-07	6.0	17	199	335	0.0	0.0	15000	1.18	2947.7	2947.7
8	200-08	0.3	15	200	325	38.7	0.6	15000	29.83	6666.6	6627.8
8	200-09	0.3	11	200	315	8.4	4.7	15000	22.58	10455.1	10446.7
8	Car5	0.3	6	82	358	98.6	47.1	15000	40.50	367.8	269.2
8	InletRoomMiddle (Crack Room)	0.3	5	86	360	22.8	2.3	15000	39.45	1901.3	1878.6
8	InletRoomSouth (Crack Room)	0.3	4	86	360	-15.0	1.3	15000	35.90	2772.8	2787.8
8	OfficeNorth	0.3	9	87	329	-57.5	0.9	15000	34.97	5394.3	5451.8
8	OfficeSouth	0.3	2	87	329	-12.6	0.5	15000	35.13	5475.5	5488.0
8	OutletRoomMiddle (Fan Room)	0.3	8	86	360	-15.1	0.4	15000	41.22	1392.1	1407.2
8	OutletRoomNorth (Fan Room)	2.0	7	86	360	11.7	2.6	15000	40.18	1003.7	992.0
8	Truck3	0.3	1	86	332	-6.4	3.7	15000	30.15	5636.3	5642.7
9	120-05	3.0	12	120	315	.	.	15000	103.68	52.6	.
9	200-05	0.3	20	200	355	-3.5	1.7	15000	1.32	11179.3	11182.8
9	200-06	3.0	19	200	345	-8.6	0.8	15000	5.47	2474.5	2483.1
9	200-06	6.0	18	200	345	-1.1	1.4	15000	31.00	934.9	936.0
9	200-07	3.0	16	199	335	2.7	4.1	15000	3.42	3608.1	3605.4
9	200-07	6.0	17	199	335	5.4	1.4	15000	6.38	1745.2	1739.8
9	200-08	0.3	15	200	325	14.1	3.1	15000	4.23	27194.8	27180.6
9	500-15	0.3	10	500	358	15.7	9.3	15000	3.52	2069.0	2053.3
9	500-25	0.3	11	500	333	-12.0	5.7	15000	5.60	8281.3	8293.2
9	Car5	0.3	6	82	358	-37.6	0.7	15000	12.48	3057.8	3095.3
9	InletRoomMiddle (Crack Room)	0.3	5	86	360	-48.5	0.8	15000	3.37	8772.0	8820.5
9	InletRoomSouth (Crack Room)	0.3	4	86	360	-2.6	0.4	15000	2.98	12145.9	12148.5
9	OfficeNorth	0.3	9	87	329	-44.2	5.0	15000	11.42	6315.1	6359.3
9	OfficeSouth	0.3	2	87	329	-10.7	0.7	15000	11.57	6588.1	6598.8
9	OutletRoomMiddle (Fan Room)	0.3	8	86	360	103.1	3.3	15000	22.28	5509.0	5405.9
9	OutletRoomNorth (Fan Room)	2.0	7	86	360	225.7	41.2	15000	20.40	5493.4	5267.7
9	Truck3	0.3	1	86	332	0.9	0.9	15000	24.15	2307.7	2306.8