AsthmaCon-PM2.5

Exposure was 2 h

Subject	Pollutant	Mass Concentration (ug/m^3)
ASC-003-01	PM	23.27
ASC-005-01		93.02
ASC-005-02	Air	2.97
ASC-003-02	Air	4.18
ASC-008-01	PM	95.37
ASC-012-01	Air	3.00
ASC-014-01	PM	64.52
ASC-013-01	PM	39.28
ASC-012-02	PM	35.87
ASC-013-02	Air	0.27
ASC-014-01	Air	3.25
ASC-014-02	PM	3.55
ASC-023-01	PM	87.17
ASC-025-01	PM	180.54
ASC-025-02	Air	-1.30
ASC-023-02	Air	1.56
ASC-024-01	PM	98.33
ASC-024-02	Air	-0.26
ASC-027-01	PM	40.81
ASC-026-01	Air	1.01
ASC-029-01	Air	-5.43
ASC-027-02	Air	1.82
ASC-029-02	PM	85.77
ASC-030-01	PM	88.42
ASC-030-02	Air	1.04
ASC-031-01	PM	78.13
ASC-031-02	Air	1.33

AsthmCaps- coarse PM
Exposure was 2 h

Subject	Pollutant	Mass Concentration (ug/m^3)	
AST-001-01	PM	105.24	
AST-002-01	PM	40.78	
AST-001-02	Air	-0.41	
AST-002-02	Air	-0.81	
AST-005-01	Air	-2.42	
AST-003-01	PM	108.22	
AST-007-01	Air	-2.84	
AST-006-01	PM	186.38	
AST-008-01	Air	6.08	
AST-009-01	PM	98.37	
AST-006-02	Air	3.66	
AST-007-02	PM	76.58	
AST-003-02	Air	6.13	
AST-009-02	Air	2.86	
AST-008-02	PM	53.19	
AST-011-01	Air	-1.22	
AST-013-01	Air	0.41	
AST-011-02	PM	130.25	
AST-010-01	Air	-0.83	
AST-012-01	PM	227.44	This particle exposure terminated after 1 h 25 min due to high particle concentration
AST-014-01	Air	0.83	
AST-012-02	Air	4.11	
AST-014-02	PM	65.82	
AST-010-02	PM	45.16	
AST-016-01	PM	70.95	
AST-016-02	Air	-11.63	
AST-017-01	PM	153.97	
AST-017-02	Air	1.64	

Gericon-PM2.5

Exposure was 2 h

Subject	Pollutant	Mass Concentration (ug/m^3)
GE-302-01	PM	80.69
GE-303-01	PM	133.39
GE-304-01	PM	91.61
GE-305-01	PM	62.81
GE-305-02	Air	0.27
GE-304-02	Air	5.95
GE-303-02	Air	9.60
GE-302-02	Air	3.80
GE-306-01	PM	150.03
GE-306-02	Air	2.25
GE-307-01	Air	6.04
GE-307-02	PM	77.29
GE-308-01	PM	35.20
GE-308-02	Air	3.48

Crusty-coarse PM

Exposure was 2 h

Subject	Pollutant	Mass Concentration (ug/m^3)
CR-002-01	PM	159.62
CR-005-01	PM	136.93
CR-004-01	PM	196.96
CR-008-01	PM	85.75
CR-002-02	Air	-1.57
CR-010-01	Air	5.73
CR-012-01	PM	85.42
CR-005-02	Air	-0.78
CR-004-01	Air	2.73
CR-003-01	PM	60.30
CR-006-01	PM	75.02
CR-009-01	PM	56.12
CR-010-02	PM	102.83
CR-012-02	Air	1.57
CR-015-01	Air	4.68
CR-011-01	Air	0.76
CR-014-01	Air	6.66
CR-003-02	Air	-1.57
CR-009-02	Air	-4.33
CR-015-02	PM	88.81
CR-017-01	Air	-4.32
CR-011-02	PM	60.55
CR-014-02	PM	106.19
CR-018-01	Air	5.07
CR-008-02	Air	-1.17
CR-016-01	Air	-2.75
CR-018-02	PM	36.08
CR-016-02	PM	31.76
CR-011-02	PM	23.74
CR-006-02	Air	-1.97

Ultracon-ultrafine PM
Exposure was 2 h

Subject	Pollutant	Mass Concentration (ug/m^3)	
UC-001-01	PM	7.77	
UC-002-01	PM	44.22	
UC-006-01	Air	1.60	
UC-003-01	Air	1.07	
UC-001-02	Air	-1.60	
UC-008-01	PM	76.92	
UC-003-02	PM	19.16	
UC-004-01	PM	49.92	
UC-006-02	PM	59.90	
UC-004-02	Air	-2.15	
UC-009-01	Air	-0.27	
UC-010-01	PM	25.19	
UC-013-01	PM	63.69	
UC-009-02	PM	24.21	
UC-010-02	Air	3.25	
UC-013-02	Air	0.00	
UC-014-001	Air	2.95	
UC-011-01	PM	25.00	This particle exposure terminated prematurely due to fire alarm/building evacuation.
UC-012-01	PM	47.93	
UC-012-02	Air	-0.54	
UC-014-02	PM	36.55	
UC-005-01	Air	4.73	
UC-016-01	PM	59.76	
UC-019-01	PM	48.28	
UC-017-01	Air	1.87	
UC-020-01	Air	0.54	
UC-018-01	PM	70.38	
UC-017-02	PM	61.00	
UC-019-02	Air	0.26	
UC-018-02	Air	1.57	
UC-021-01	Air	-1.59	
UC-023-01	Air	2.63	
UC-020-02	PM	93.82	
UC-021-02	PM	30.55	
UC-026-01	Air	-1.59	
UC-027-01	PM	52.58	
UC-024-01	Air	-0.80	
UC-028-01	PM	36.29	
UC-027-02	Air	-1.33	
UC-025-01	Air	1.59	
UC-028-02	Air	0.00	
UC-023-02	PM	45.99	
UC-024-02	PM	17.04	
UC-025-02	PM	34.82	

Omega-dieseal exhaust (DE)
Exposure was 2 h

Subject	Pollutant	Mass Concentration (ug/m^3)
OM-002-01	DE	99.16
OM-001-01	DE	92.22
OM-003-01	DE	98.01
OM-004-01	DE	92.79
OM-004-02	DE	210.01
OM-006-01	DE	107.05
OM-003-02	DE	213.35
OM-001-02	DE	214.92
OM-006-02	DE	210.40
OM-002-02	DE	223.25
OM-006-03	DE	300.64
OM-004-03	DE	308.30
OM-002-03	DE	274.07
OM-001-03	DE	365.12
OM-003-03	DE	304.74
OM-008-01	DE	111.08
OM-008-02	DE	214.51
OM-008-03	DE	260.00

Truckin-diesel exhaust (DE)
Exposure was 2 h

Subject	Subject Number	Mass Concentration (ug/m^3)
TR-002-01	Air	1.04
TR-006-01	Air	-2.54
TR-002-02	DE	90.96
TR-007-01	DE	103.35
TR-003-01	DE	103.53
TR-009-01	DE	110.46
TR-005-01	Air	1.30
TR-003-02	Air	-0.78
TR-006-02	DE	93.44
TR-005-02	DE	110.65
TR-010-01	DE	107.84
TR-004-01	Air	-0.78
TR-001-01	Air	-1.81
TR-011-01	DE	118.18
TR-010-02	Air	1.62
TR-011-02	Air	-1.32
TR-001-02	DE	114.82
TR-004-02	DE	110.34
TR-009-02	Air	-0.77
TR-007-02	Air	-2.50

Connox-PM2.5 and NO2

Exposure was 2 h

Subject	Subject Number	Mass Concentration (ug/m^3)	NO2 Concentration
CO-003-01	Air	3.05	
CO-005-01	Air	3.01	
CO-004-01	NO2	-1.81	1.0 ppm NO2
CO-006-01	Air	3.95	
CO-007-01	Air	1.91	
CO-008-01	Air	-0.93	
CO-009-01	Air	2.59	
CO-011-01	PM2.5+NO2	25.79	1.0 ppm NO2
CO-010-01	PM2.5+NO2	57.83	1.0 ppm NO2
CO-012-01	Air	2.57	
CO-013-01	NO2	2.44	1.0 ppm NO2
CO-202-01	Air	2.15	
CO-203-01	NO2	-2.15	1.0 ppm NO2
CO-205-01	PM2.5+NO2	152.89	1.0 ppm NO2
CO-202-02	NO2	-1.08	1.0 ppm NO2
CO-207-01	NO2	0.80	1.0 ppm NO2
CO-205-02	NO2	1.87	1.0 ppm NO2
CO-204-01	NO2	3.22	1.0 ppm NO2
CO-209-01	NO2	0.27	1.0 ppm NO2
CO-208-01	NO2	-12.91	1.0 ppm NO2
CO-206-01	NO2	-0.54	1.0 ppm NO2
CO-208-02	Air	-1.07	
CO-213-01	Air	2.13	
CO-210-01	PM2.5+NO2	93.73	1.0 ppm NO2
CO-208-03	PM2.5+NO2	29.76	1.0 ppm NO2
CO-209-02	PM2.5+NO2	73.24	1.0 ppm NO2
CO-210-02	PM2.5	130.65	
CO-201-01	NO2	0.53	1.0 ppm NO2
CO-214-01	PM2.5+NO2	90.96	1.0 ppm NO2
CO-215-01	PM2.5+NO2	94.62	1.0 ppm NO2
CO-216-01	NO2	0.53	1.0 ppm NO2
CO-214-02	PM2.5	60.49	
CO-213-02	NO2	1.86	1.0 ppm NO2
CO-215-02	PM2.5	66.13	
CO-201-02	PM2.5+NO2	122.89	1.0 ppm NO2
CO-213-03	PM2.5+NO2	43.52	1.0 ppm NO2
CO-218-01	PM2.5+NO2	240.43	1.0 ppm NO2
CO-219-01	PM2.5	68.75	
CO-218-02	PM2.5	70.67	
CO-221-01	PM2.5+NO2	73.52	1.0 ppm NO2
CO-220-01	NO2	2.68	1.0 ppm NO2
CO-219-02	PM2.5+NO2	70.50	1.0 ppm NO2
CO-213-04	PM2.5	30.74	
CO-224-01	Air	1.34	
CO-225-01	PM2.5+NO2	46.00	1.0 ppm NO2
CO-224-02	NO2	1.33	1.0 ppm NO2
CO-219-03	Air	-0.53	
CO-222-01	PM2.5+NO2	73.24	1.0 ppm NO2
CO-206-02	Air	4.01	
CO-218-03	PM2.5	35.75	
CO-221-02	PM2.5	68.21	
CO-222-02	PM2.5	66.90	
CO-202-03	PM2.5	105.16	
CO-227-01	PM2.5	168.99	
CO-228-01	NO2	2.41	1.0 ppm NO2
CO-206-03	PM2.5	116.23	
CO-220-02	PM2.5	141.05	
CO-228-02	PM2.5	65.44	
CO-222-03	Air	0.54	

Loconoz-ozone

Exposure was 6.6 h

Subject	Clean Air	0.08 ppm O3	0.06 ppm O3
LOZ001	visit 1	visit 2	visit 3
LOZ002	visit 2	visit 3	visit 1
LOZ003	visit 2	visit 3	visit 1
LOZ004	visit 2	visit 1	visit 3
LOZ006	visit 2	visit 1	visit 3
LOZ008	visit 2	visit 1	visit 3
LOZ009	visit 1	visit 2	visit 3
LOZ010	visit 3	visit 2	visit 1
LOZ012	visit 3	visit 2	visit 1
LOZ015	visit 1	visit 3	visit 2
LOZ018	visit 3		visit 1
LOZ019	visit 2	visit 3	visit 1
LOZ020	visit 2	visit 3	visit 1
LOZ022	visit 1	visit 2	visit 3

First 0.06 ppm exposure terminated prematurely due to network failure

Chaps-0.4 ppm chlorine

Exposure was 4 h

Subject	Clean Air	Chlorine	
CL001	visit 2	visit 1	
CL003	visit 1		
CL004	visit 2	visit 1	Exposure was to 0.5 ppm
CL005	visit 1	visit 2	Exposure was to 0.3 ppm
CL006	visit 2	visit 1	Exposure was to 0.3 ppm
CL007	visit 1	visit 2	
CL008	visit 1	visit 2	
CL010	visit 2	visit 1	
CL011	visit 2	visit 1	
CL012	visit 2	visit 1	
CL013	visit 1	visit 2	Chlorine exposure was terminated early due to network failure
CL014	visit 1	visit 2	
CL016	visit 2	visit 1	