

Case 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Engine	30.0	100	10.0	2.00	30.0	
Sample	5.050	42.91	0.431	1.2495	3.249	
Std Dev	0.02724	0.02495	0.05155	0.00461	0.00939	
Element	3.370	0.19	0.080	0.0814	2.403	
Std Dev	0.03032	0.03132	0.05946	0.00396	0.00728	
Test Conc.	1.995	42.74	0.358	1.1757	1.071	
ams/ph.	0.142	6.117	0.073	2645.823	{ 0.066}	34.268
ams/mi	0.014	0.595	0.007	257.570	{ 0.006}	

Test Info		Times Info	
Baro (inHg)	= 30.26	Phase Start	= 11:25:30
Temp (°F)	= 68.9	Phase Finish	= 11:38:15
Tdew (°F)	= 43.4	Analysis End	= 11:44:05
AHum (gr/lb)	= 40.8	Elapsed (sec)	= 765.0
NOX Factor	= 0.8617	Bag Anl (sec)	= 350.2
Vmix(ft3 20 °C)	= 4342.65	Drv Err (sec)	= 0.0
Dilu. Factor	= 10.683		
SAO P (mmHg)	= 766.2		
SAO T (°F)	= 70.98		
SAO V(ft3 20 °C)	= 3948.9		
Dist (mi)	= 10.272		

Case 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Engine	30.0	100	10.0	2.00	30.0	
Sample	4.104	23.92	0.297	0.8977	2.776	
Std Dev	0.02879	0.05435	0.03275	0.00910	0.00744	
Element	3.336	0.15	0.057	0.0798	2.355	
Std Dev	0.03465	0.02952	0.04034	0.00394	0.00867	
Test Conc.	0.992	23.78	0.243	0.8233	0.579	
ams/ph.	0.047	2.267	0.032	1234.057	{ 0.020}	25.576
ams/mi	0.013	0.635	0.009	345.382	{ 0.005}	

Test Info		Times Info	
Baro (inHg)	= 30.23	Phase Start	= 11:38:15
Temp (°F)	= 68.9	Phase Finish	= 11:46:40
Tdew (°F)	= 40.9	Analysis End	= 11:52:30
AHum (gr/lb)	= 37.2	Elapsed (sec)	= 504.9
NOX Factor	= 0.8491	Bag Anl (sec)	= 349.9
Vmix(ft3 20 °C)	= 2892.52	Drv Err (sec)	= 0.0
Dilu. Factor	= 14.880		
SAO P (mmHg)	= 766.2		
SAO T (°F)	= 72.85		
SAO V(ft3 20 °C)	= 2709.3		
Dist (mi)	= 3.573		

Case 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Engine	30.0	100	10.0	2.00	30.0	
Sample	3.287	5.16	0.068	0.6664	2.336	
Std Dev	0.03176	0.01609	0.04031	0.00422	0.00885	
Element	3.303	0.18	0.051	0.0784	2.313	
Std Dev	0.03034	0.03667	0.04292	0.00473	0.00760	
Test Conc.	0.149	4.99	0.020	0.5918	0.138	
ams/ph.	0.012	0.827	0.005	1541.419	{ 0.001}	22.003
ams/mi	0.003	0.216	0.001	402.311	{ 0.000}	

Test Info		Times Info	
Baro (inHg)	= 30.21	Phase Start	= 11:46:40
Temp (°F)	= 68.9	Phase Finish	= 12:01:09
Tdew (°F)	= 39.3	Analysis End	= 12:06:59
AHum (gr/lb)	= 34.8	Elapsed (sec)	= 869.0
NOX Factor	= 0.8413	Bag Anl (sec)	= 349.6
Vmix(ft3 20 °C)	= 5025.98	Drv Err (sec)	= 0.0
Dilu. Factor	= 20.083		
SAO P (mmHg)	= 766.1		
SAO T (°F)	= 73.18		
SAO V(ft3 20 °C)	= 4795.3		
Dist (mi)	= 3.831		

Results	THC	CO	NOX	CO2	CH4	FE (mpg)
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Avg Test Info	
Baro (inHg)	= 30.23
Temp (°F)	= 68.9
Tdew (°F)	= 41.1
AHum (gr/lb)	= 37.5
NOX Factor	= 0.8503

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	4.729	46.01	0.684	1.2109	2.867	
Std Dev	0.02351	0.02725	0.03987	0.00668	0.00766	
Ambient	2.797	0.04	0.075	0.0662	1.963	
Std Dev	0.03507	0.02677	0.03957	0.00323	0.00676	
Net Conc.	2.185	45.97	0.615	1.1507	1.082	
Grams/ph.	0.155	6.568	0.120	2584.850	(0.078)	35.031
Grams/mi	0.015	0.640	0.012	251.866	(0.008)	

Test Info	Times Info
Baro (inHg) = 30.17	Phase Start = 12:34:57
Temp (°F) = 71.4	Phase Finish = 12:47:42
Tdew (°F) = 36.4	Analysis End = 12:53:33
Ahum(gr/lb) = 31.1	Elapsed (sec) = 765.0
NOX Factor = 0.8291	Bag Anl (sec) = 350.3
Vmix(ft3 20 °C)= 4334.88	Drv Err (sec) = 0.0
Dilu. Factor = 11.020	
SAO P (mmHg) = 766.2	
SAO T (°F) = 74.20	
SAO V(ft3 20 °C)= 3953.3	
Dist (mi) = 10.263	

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	3.348	23.05	0.390	0.8847	2.247	
Std Dev	0.02356	0.01113	0.03415	0.00564	0.00854	
Ambient	2.698	-0.01	0.050	0.0639	1.866	
Std Dev	0.02247	0.02562	0.04777	0.00423	0.00931	
Net Conc.	0.828	23.06	0.343	0.8250	0.505	
Grams/ph.	0.039	2.194	0.044	1234.179	(0.015)	25.674
Grams/mi	0.011	0.612	0.012	344.098	(0.004)	

Test Info	Times Info
Baro (inHg) = 30.16	Phase Start = 12:47:42
Temp (°F) = 72.4	Phase Finish = 12:56:07
Tdew (°F) = 35.3	Analysis End = 13:01:57
Ahum(gr/lb) = 29.7	Elapsed (sec) = 504.8
NOX Factor = 0.8245	Bag Anl (sec) = 350.1
Vmix(ft3 20 °C)= 2886.94	Drv Err (sec) = 0.0
Dilu. Factor = 15.102	
SAO P (mmHg) = 766.2	
SAO T (°F) = 74.87	
SAO V(ft3 20 °C)= 2709.3	
Dist (mi) = 3.587	

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.642	6.50	0.080	0.6498	1.842	
Std Dev	0.01774	0.03957	0.06244	0.00644	0.00812	
Ambient	2.610	0.09	0.053	0.0615	1.796	
Std Dev	0.02289	0.07780	0.03002	0.00408	0.01017	
Net Conc.	0.158	6.42	0.030	0.5913	0.133	
Grams/ph.	0.013	1.062	0.007	1537.295	(0.002)	22.204
Grams/mi	0.003	0.275	0.002	398.588	(0.001)	

Test Info	Times Info
Baro (inHg) = 30.14	Phase Start = 12:56:07
Temp (°F) = 72.9	Phase Finish = 13:10:36
Tdew (°F) = 34.5	Analysis End = 13:16:26
Ahum(gr/lb) = 28.7	Elapsed (sec) = 869.0
NOX Factor = 0.8215	Bag Anl (sec) = 349.5
Vmix(ft3 20 °C)= 5017.16	Drv Err (sec) = 0.0
Dilu. Factor = 20.593	
SAO P (mmHg) = 766.1	
SAO T (°F) = 74.22	
SAO V(ft3 20 °C)= 4795.6	
Dist (mi) = 3.857	

Results	THC	CO	NOX	CO2	CH4	FE(mpg)
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Avg Test Info
Baro (inHg) = 30.16
Temp (°F) = 72.2
Tdew (°F) = 35.4
Ahum(gr/lb) = 29.8
NOX Factor = 0.8249

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	4.668	52.18	0.815	1.2368	2.802	
Std Dev	0.03221	0.04066	0.04651	0.00753	0.00914	
Ambient	2.535	0.03	0.050	0.0583	1.774	
Std Dev	0.01748	0.06116	0.07770	0.00596	0.00941	
Net Conc.	2.369	52.15	0.769	1.1839	1.193	
Grams/ph.	0.167	7.424	0.148	2649.716	(0.083)	34.186
Grams/mi	0.016	0.723	0.014	257.983	(0.008)	

Test Info		Times Info	
Baro (inHg)	= 30.10	Phase Start	= 14:02:27
Temp (°F)	= 72.6	Phase Finish	= 14:15:12
Tdew (°F)	= 35.4	Analysis End	= 14:21:03
Ahum (gr/lb)	= 29.9	Elapsed (sec)	= 765.0
NOX Factor	= 0.8251	Bag Anl (sec)	= 350.3
Vmix(ft3 20 °C)	= 4318.98	Drv Err (sec)	= 0.0
Dilu. Factor	= 10.785		
SAO P (mmHg)	= 766.2		
SAO T (°F)	= 75.27		
SAO V(ft3 20 °C)	= 3938.1		
Dist (mi)	= 10.271		

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	3.328	23.95	0.356	0.8652	2.194	
Std Dev	0.02636	0.02187	0.03393	0.00494	0.00906	
Ambient	2.546	-0.09	0.046	0.0581	1.770	
Std Dev	0.02862	0.04279	0.03902	0.00499	0.01119	
Net Conc.	0.947	24.03	0.312	0.8108	0.539	
Grams/ph.	0.045	2.280	0.040	1209.528	(0.019)	26.099
Grams/mi	0.012	0.638	0.011	338.435	(0.005)	

Test Info		Times Info	
Baro (inHg)	= 30.08	Phase Start	= 14:15:12
Temp (°F)	= 73.8	Phase Finish	= 14:23:37
Tdew (°F)	= 34.5	Analysis End	= 14:29:27
Ahum (gr/lb)	= 28.8	Elapsed (sec)	= 504.8
NOX Factor	= 0.8218	Bag Anl (sec)	= 350.0
Vmix(ft3 20 °C)	= 2878.68	Drv Err (sec)	= 0.0
Dilu. Factor	= 15.439		
SAO P (mmHg)	= 766.2		
SAO T (°F)	= 76.03		
SAO V(ft3 20 °C)	= 2710.0		
Dist (mi)	= 3.574		

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.670	7.40	0.063	0.6396	1.875	
Std Dev	0.02553	0.08164	0.02580	0.00489	0.00819	
Ambient	2.647	0.31	0.062	0.0585	1.838	
Std Dev	0.02492	0.02069	0.03360	0.00456	0.00890	
Net Conc.	0.149	7.10	0.004	0.5840	0.124	
Grams/ph.	0.012	1.171	0.001	1512.771	(0.002)	22.538
Grams/mi	0.003	0.304	0.000	392.623	(0.001)	

Test Info		Times Info	
Baro (inHg)	= 30.06	Phase Start	= 14:23:37
Temp (°F)	= 74.2	Phase Finish	= 14:38:06
Tdew (°F)	= 34.0	Analysis End	= 14:43:56
Ahum (gr/lb)	= 28.3	Elapsed (sec)	= 869.0
NOX Factor	= 0.8201	Bag Anl (sec)	= 349.5
Vmix(ft3 20 °C)	= 4999.14	Drv Err (sec)	= 0.0
Dilu. Factor	= 20.917		
SAO P (mmHg)	= 766.1		
SAO T (°F)	= 75.79		
SAO V(ft3 20 °C)	= 4790.6		
Dist (mi)	= 3.853		

Results	THC	CO	NOX	CO2	CH4	FE (mpg)
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Avg Test Info	
Baro (inHg)	= 30.08
Temp (°F)	= 73.5
Tdew (°F)	= 34.6
Ahum (gr/lb)	= 29.0
NOX Factor	= 0.8223

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CHA (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	3.661	41.33	0.302	1.2382	2.244	
Std Dev	0.03375	0.07940	0.03780	0.01044	0.01126	
Ambient	2.058	-0.01	0.060	0.0636	1.383	
Std Dev	0.03505	0.04995	0.03368	0.00323	0.00878	
Net Conc.	1.794	41.34	0.248	1.1805	0.989	
Grams/ph.	0.126	5.842	0.045	2623.083	(0.056)	34.513
Grams/mi	0.012	0.570	0.004	255.781	(0.005)	

Test Info		Times Info	
Baro (inHg)	= 30.00	Phase Start	= 10:37:31
Temp (°F)	= 68.9	Phase Finish	= 10:50:16
Tdew (°F)	= 22.9	Analysis End	= 10:55:39
Ahum (gr/lb)	= 17.2	Elapsed (sec)	= 765.0
NOX Factor	= 0.7865	Bag Anl (sec)	= 323.3
Vmix(ft3 20 °C)=	4287.91	Drv Err (sec)	= 0.0
Dilu. Factor	= 10.783		
SAO P (mmHg)	= 759.6		
SAO T (°F)	= 72.50		
SAO V(ft3 20 °C)=	3896.1		
Dist (mi)	= 10.255		

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CHA (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.626	25.05	0.209	0.8712	1.733	
Std Dev	0.02026	0.03506	0.03494	0.00520	0.00991	
Ambient	2.085	0.07	0.039	0.0621	1.377	
Std Dev	0.02361	0.05155	0.04957	0.00365	0.00913	
Net Conc.	0.677	24.98	0.172	0.8132	0.446	
Grams/ph.	0.032	2.353	0.021	1204.382	(0.011)	26.077
Grams/mi	0.009	0.662	0.006	338.688	(0.003)	

Test Info		Times Info	
Baro (inHg)	= 29.98	Phase Start	= 10:50:16
Temp (°F)	= 68.9	Phase Finish	= 10:58:40
Tdew (°F)	= 22.1	Analysis End	= 11:04:03
Ahum (gr/lb)	= 16.5	Elapsed (sec)	= 504.7
NOX Factor	= 0.7846	Bag Anl (sec)	= 322.8
Vmix(ft3 20 °C)=	2858.05	Drv Err (sec)	= 0.0
Dilu. Factor	= 15.332		
SAO P (mmHg)	= 759.6		
SAO T (°F)	= 74.25		
SAO V(ft3 20 °C)=	2678.0		
Dist (mi)	= 3.556		

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CHA (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.092	6.06	0.048	0.6301	1.405	
Std Dev	0.02767	0.05827	0.04840	0.00389	0.00632	
Ambient	2.081	0.21	0.038	0.0608	1.367	
Std Dev	0.02950	0.02763	0.05265	0.00361	0.00806	
Net Conc.	0.109	5.86	0.011	0.5721	0.103	
Grams/ph.	0.009	0.960	0.002	1474.677	(0.000)	22.992
Grams/mi	0.002	0.251	0.001	384.944	(0.000)	

Test Info		Times Info	
Baro (inHg)	= 29.98	Phase Start	= 10:58:40
Temp (°F)	= 68.9	Phase Finish	= 11:13:09
Tdew (°F)	= 21.7	Analysis End	= 11:18:32
Ahum (gr/lb)	= 16.2	Elapsed (sec)	= 869.0
NOX Factor	= 0.7837	Bag Anl (sec)	= 322.5
Vmix(ft3 20 °C)=	4974.42	Drv Err (sec)	= 0.0
Dilu. Factor	= 21.240		
SAO P (mmHg)	= 759.5		
SAO T (°F)	= 74.05		
SAO V(ft3 20 °C)=	4750.3		
Dist (mi)	= 3.831		

Results	THC	CO	NOX	CO2	CHA	FE(mpg)
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Avg Test Info	
Baro (inHg)	= 29.99
Temp (°F)	= 68.9
Tdew (°F)	= 22.2
Ahum (gr/lb)	= 16.7
NOX Factor	= 0.7849

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	4.067	54.76	0.250	1.2249	2.404	
Std Dev	0.03211	0.06176	0.05951	0.00737	0.01085	
Ambient	2.123	-0.10	0.028	0.0583	1.384	
Std Dev	0.03170	0.03262	0.04472	0.00488	0.00689	
Net Conc.	2.139	54.85	0.225	1.1719	1.147	
Grams/ph.	0.149	7.724	0.041	2594.833	(0.069)	34.840
Grams/mi	0.015	0.753	0.004	253.072	(0.007)	

Test Info	Times Info
Baro (inHg) = 29.95	Phase Start = 11:51:06
Temp (°F) = 73.0	Phase Finish = 12:03:51
Tdew (°F) = 21.0	Analysis End = 12:09:14
Ahum(gr/lb) = 15.7	
NOX Factor = 0.7822	Elapsed (sec) = 765.0
	Bag Anl (sec) = 323.2
	Drv Err (sec) = 0.0
Vmix(ft3 20 °C)= 4272.72	
Dilu. Factor = 10.887	
SAO P (mmHg) = 759.6	
SAO T (°F) = 76.30	
SAO V(ft3 20 °C)= 3886.5	
Dist (mi) = 10.253	

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.867	35.52	0.328	0.8673	1.824	
Std Dev	0.02369	0.10293	0.03877	0.00616	0.01078	
Ambient	2.147	0.03	0.038	0.0588	1.381	
Std Dev	0.02372	0.09181	0.03748	0.00417	0.01133	
Net Conc.	0.860	35.49	0.292	0.8123	0.533	
Grams/ph.	0.040	3.333	0.035	1199.377	(0.015)	26.323
Grams/mi	0.011	0.931	0.010	335.081	(0.004)	

Test Info	Times Info
Baro (inHg) = 29.94	Phase Start = 12:03:51
Temp (°F) = 74.3	Phase Finish = 12:12:16
Tdew (°F) = 20.5	Analysis End = 12:17:39
Ahum(gr/lb) = 15.4	
NOX Factor = 0.7812	Elapsed (sec) = 504.8
	Bag Anl (sec) = 322.9
	Drv Err (sec) = 0.0
Vmix(ft3 20 °C)= 2849.33	
Dilu. Factor = 15.383	
SAO P (mmHg) = 759.6	
SAO T (°F) = 77.34	
SAO V(ft3 20 °C)= 2671.1	
Dist (mi) = 3.579	

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.230	11.25	0.051	0.6314	1.452	
Std Dev	0.02472	0.04237	0.02479	0.00349	0.01100	
Ambient	2.156	0.07	0.031	0.0587	1.362	
Std Dev	0.02563	0.07007	0.03632	0.00413	0.00805	
Net Conc.	0.176	11.19	0.021	0.5755	0.154	
Grams/ph.	0.014	1.827	0.004	1477.156	(0.002)	22.992
Grams/mi	0.004	0.476	0.001	384.583	(0.000)	

Test Info	Times Info
Baro (inHg) = 29.94	Phase Start = 12:12:16
Temp (°F) = 74.5	Phase Finish = 12:26:45
Tdew (°F) = 20.4	Analysis End = 12:32:07
Ahum(gr/lb) = 15.3	
NOX Factor = 0.7810	Elapsed (sec) = 869.0
	Bag Anl (sec) = 322.4
	Drv Err (sec) = 0.0
Vmix(ft3 20 °C)= 4953.59	
Dilu. Factor = 21.179	
SAO P (mmHg) = 759.5	
SAO T (°F) = 77.85	
SAO V(ft3 20 °C)= 4737.2	
Dist (mi) = 3.841	

Results	THC	CO	NOX	CO2	CH4	FE(mpg)
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Avg Test Info
Baro (inHg) = 29.94
Temp (°F) = 73.9
Tdew (°F) = 20.7
Ahum(gr/lb) = 15.5
NOX Factor = 0.7815

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	4.165	56.32	0.571	1.2006	2.330	
Std Dev	0.03194	0.02929	0.10362	0.00738	0.01001	
Ambient	2.199	0.01	0.035	0.0620	1.387	
Std Dev	0.02552	0.02153	0.02160	0.00447	0.01024	
Net Conc.	2.164	56.31	0.539	1.1442	1.068	
Grams/ph.	0.151	7.932	0.098	2534.005	(0.076)	35.700
Grams/mi	0.015	0.773	0.010	246.915	(0.007)	

Test Info		Times Info	
Baro (inHg)	= 29.97	Phase Start	= 14:14:08
Temp (°F)	= 73.4	Phase Finish	= 14:26:53
Tdew (°F)	= 21.8	Analysis End	= 14:32:16
Ahum (gr/lb)	= 16.3	Elapsed (sec)	= 765.0
NOX Factor	= 0.7840	Bag Anl (sec)	= 323.4
Vmix (ft3 20 °C)=	4273.78	Drv Err (sec)	= 0.0
Dilu. Factor	= 11.105		
SAO P (mmHg)	= 759.6		
SAO T (°F)	= 79.05		
SAO V (ft3 20 °C)=	3895.3		
Dist (mi)	= 10.263		

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	3.016	40.00	0.423	0.8659	1.890	
Std Dev	0.02598	0.02296	0.03057	0.00515	0.01095	
Ambient	2.221	0.02	0.033	0.0610	1.380	
Std Dev	0.03050	0.01667	0.04933	0.00418	0.00896	
Net Conc.	0.939	39.99	0.392	0.8088	0.600	
Grams/ph.	0.044	3.749	0.047	1192.314	(0.016)	26.420
Grams/mi	0.012	1.049	0.013	333.664	(0.004)	

Test Info		Times Info	
Baro (inHg)	= 29.97	Phase Start	= 14:26:53
Temp (°F)	= 74.6	Phase Finish	= 14:35:18
Tdew (°F)	= 21.2	Analysis End	= 14:40:41
Ahum (gr/lb)	= 15.9	Elapsed (sec)	= 504.8
NOX Factor	= 0.7827	Bag Anl (sec)	= 322.9
Vmix (ft3 20 °C)=	2844.67	Drv Err (sec)	= 0.0
Dilu. Factor	= 15.398		
SAO P (mmHg)	= 759.7		
SAO T (°F)	= 79.75		
SAO V (ft3 20 °C)=	2667.3		
Dist (mi)	= 3.573		

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.314	11.19	0.047	0.6138	1.490	
Std Dev	0.02210	0.05991	0.04482	0.00476	0.00720	
Ambient	2.228	0.06	0.031	0.0608	1.377	
Std Dev	0.02246	0.05073	0.03505	0.00335	0.00774	
Net Conc.	0.188	11.13	0.018	0.5558	0.176	
Grams/ph.	0.015	1.818	0.004	1427.185	(0.001)	23.915
Grams/mi	0.004	0.471	0.001	369.719	(0.000)	

Test Info		Times Info	
Baro (inHg)	= 29.97	Phase Start	= 14:35:18
Temp (°F)	= 75.0	Phase Finish	= 14:49:47
Tdew (°F)	= 21.0	Analysis End	= 14:55:09
Ahum (gr/lb)	= 15.7	Elapsed (sec)	= 869.0
NOX Factor	= 0.7821	Bag Anl (sec)	= 322.5
Vmix (ft3 20 °C)=	4955.00	Drv Err (sec)	= 0.0
Dilu. Factor	= 21.782		
SAO P (mmHg)	= 759.6		
SAO T (°F)	= 79.13		
SAO V (ft3 20 °C)=	4738.2		
Dist (mi)	= 3.860		

Results	THC	CO	NOX	CO2	CH4	FE (mpg)
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Avg Test Info	
Baro (inHg)	= 29.97
Temp (°F)	= 74.3
Tdew (°F)	= 21.3
Ahum (gr/lb)	= 16.0
NOX Factor	= 0.7829

Legend: * Non-methane HC indicated in ()

Phase 2	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	4.210	71.55	0.607	1.2064	2.350	
Std Dev	0.03630	0.02885	0.02306	0.00732	0.00608	
Ambient	2.281	0.06	0.028	0.0604	1.393	
Std Dev	0.01977	0.04802	0.03419	0.00475	0.00966	
Net Conc.	2.136	71.49	0.581	1.1515	1.083	
Grams/ph.	0.149	10.049	0.105	2544.755	(0.073)	35.523
Grams/mi	0.014	0.979	0.010	247.832	(0.007)	

Test Info		Times Info	
Baro (inHg)	= 29.99	Phase Start	= 15:26:30
Temp (°F)	= 75.7	Phase Finish	= 15:39:15
Tdew (°F)	= 20.8	Analysis End	= 15:44:39
Ahum (gr/lb)	= 15.6	Elapsed (sec)	= 765.0
NOX Factor	= 0.7818	Bag Anl (sec)	= 323.3
Vmix(ft3 20 °C)	= 4264.60	Drv Err (sec)	= 0.0
Dilu. Factor	= 11.038		
SAO P (mmHg)	= 759.6		
SAO T (°F)	= 81.79		
SAO V(ft3 20 °C)	= 3883.9		
Dist (mi)	= 10.268		

Phase 3	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.870	48.05	0.193	0.8380	1.755	
Std Dev	0.03181	0.02061	0.06659	0.00600	0.00886	
Ambient	2.285	0.02	0.024	0.0584	1.387	
Std Dev	0.02876	0.03640	0.04665	0.00322	0.01067	
Net Conc.	0.728	48.03	0.171	0.7833	0.455	
Grams/ph.	0.034	4.504	0.021	1154.818	(0.013)	27.309
Grams/mi	0.009	1.258	0.006	322.428	(0.004)	

Test Info		Times Info	
Baro (inHg)	= 30.00	Phase Start	= 15:39:15
Temp (°F)	= 76.7	Phase Finish	= 15:47:40
Tdew (°F)	= 20.2	Analysis End	= 15:53:03
Ahum (gr/lb)	= 15.1	Elapsed (sec)	= 504.8
NOX Factor	= 0.7804	Bag Anl (sec)	= 322.9
Vmix(ft3 20 °C)	= 2845.06	Drv Err (sec)	= 0.0
Dilu. Factor	= 15.893		
SAO P (mmHg)	= 759.7		
SAO T (°F)	= 81.87		
SAO V(ft3 20 °C)	= 2672.3		
Dist (mi)	= 3.582		

Phase 4	THC (ppmC)	CO (ppm)	NOX (ppm)	CO2 (%)	CH4 (ppm)	FE (mpg)
Range	30.0	100	10.0	2.00	30.0	
Sample	2.307	15.02	0.039	0.6121	1.485	
Std Dev	0.02124	0.01895	0.03397	0.00621	0.00801	
Ambient	2.261	0.19	0.025	0.0574	1.405	
Std Dev	0.02435	0.02029	0.04499	0.00490	0.00776	
Net Conc.	0.150	14.84	0.015	0.5574	0.144	
Grams/ph.	0.012	2.423	0.003	1430.859	(0.000)	23.804
Grams/mi	0.003	0.629	0.001	371.200	(0.000)	

Test Info		Times Info	
Baro (inHg)	= 30.00	Phase Start	= 15:47:40
Temp (°F)	= 76.9	Phase Finish	= 16:02:09
Tdew (°F)	= 20.0	Analysis End	= 16:07:32
Ahum (gr/lb)	= 15.0	Elapsed (sec)	= 869.0
NOX Factor	= 0.7801	Bag Anl (sec)	= 322.4
Vmix(ft3 20 °C)	= 4953.94	Drv Err (sec)	= 0.0
Dilu. Factor	= 21.829		
SAO P (mmHg)	= 759.6		
SAO T (°F)	= 80.74		
SAO V(ft3 20 °C)	= 4734.5		
Dist (mi)	= 3.855		

Results	THC	CO	NOX	CO2	CH4	FE(mpg)
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Avg Test Info	
Baro (inHg)	= 30.00
Temp (°F)	= 76.4
Tdew (°F)	= 20.4
Ahum (gr/lb)	= 15.2
NOX Factor	= 0.7808

Legend: * Non-methane HC indicated in ()