

Bountiful, UT (BOUT) 2003 UATMP SNMOC Final Data Report

Sample No.:		BOUT 31558		BOUT 31681		BOUT 31771 D1		BOUT 31771 R1		BOUT 31772 D2	
Sampling Date:		1/15/2003		1/21/2003		1/27/2003		1/27/2003		1/27/2003	
Analysis Date:		2/14/2003		2/19/2003		2/20/2003		2/27/2003		2/20/2003	
Filename:		N3BN010		N3BS009		N3BS021		N3B-009		N3BS022	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	7.86	4.55	17.23	9.97	7.53	4.35	7.40	* 4.28	7.52	4.35
Acetylene	0.11	7.20	3.87	16.51	8.87	6.74	3.62	6.72	3.61	6.92	3.71
Ethane	0.17	21.05	13.06	36.42	22.59	16.21	10.05	16.05	9.95	16.57	10.28
Propylene	0.11	3.87	2.24	8.99	5.20	3.62	2.09	3.54	2.05	3.49	2.02
Propane	0.19	51.67	31.34	111.75	67.77	28.38	17.21	27.93	16.94	28.37	17.20
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	42.05	25.20	110.92	66.49	29.97	17.96	29.48	17.67	29.83	17.88
Isobutene/1-Butene	0.17	3.90	2.26	8.86	5.13	3.37	1.95	3.32	1.92	3.68	2.13
1,3-Butadiene	0.17	0.52	0.29	1.10	0.61	0.50	0.28	0.56	0.31	0.63	0.35
n-Butane	0.17	61.22	36.70	161.36	96.72	43.61	26.14	42.96	25.75	43.73	26.21
trans-2-Butene	0.17	1.52	0.88	4.49	2.60	1.28	0.74	1.19	0.69	1.19	0.69
cis-2-Butene	0.16	1.47	0.85	4.30	2.49	1.31	0.76	1.13	0.65	1.22	0.71
3-Methyl-1-butene	0.16	ND	ND	0.95	0.55	0.33	0.19	0.31	0.18	0.33	0.19
Isopentane	0.19	31.84	18.96	92.62	55.14	22.97	13.67	22.58	13.44	22.74	13.54
1-Pentene	0.20	0.84	0.49	2.08	1.21	1.29	0.75	1.31	0.76	0.70	0.41
2-Methyl-1-butene	0.20	1.08	0.63	4.58	2.65	1.04	0.60	1.06	0.61	1.33	0.77
n-Pentane	0.19	19.89	11.84	66.67	39.69	14.83	8.83	13.99	8.33	13.76	8.19
Isoprene	0.20	0.43	0.24	1.67	0.94	0.56	0.31	0.44	0.25	0.44	0.25
trans-2-Pentene	0.21	1.34	0.80	3.39	2.02	1.16	0.69	1.11	0.66	1.15	0.69
cis-2-Pentene	0.22	0.68	0.41	2.07	1.23	0.68	0.41	0.64	0.38	0.51	0.31
2-Methyl-2-butene	0.22	1.50	0.87	4.15	2.40	1.10	0.63	1.05	0.61	1.17	0.67
2,2-Dimethylbutane	0.20	1.20	0.71	3.26	1.93	1.00	0.59	1.06	0.63	0.99	0.59
Cyclopentene	0.20	ND	ND	0.68	0.38	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	0.27	0.15	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	1.57	0.91	3.41	1.97	1.14	0.66	1.29	0.74	0.94	0.55
2,3-Dimethylbutane	0.20	2.30	1.36	6.35	3.76	2.03	1.20	2.10	1.24	1.83	1.09
2-Methylpentane	0.13	8.11	4.80	21.50	12.74	6.51	3.86	6.16	3.65	5.80	3.44
3-Methylpentane	0.22	5.42	3.21	12.40	7.35	3.81	2.26	3.73	2.21	4.14	2.45
2-Methyl-1-pentene	0.22	0.71	0.42	0.53	0.32	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.85	0.50	0.83	0.49	0.43	0.25	0.40	0.24	1.10	0.65
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	8.19	4.85	17.42	10.32	6.77	4.01	6.23	3.69	5.69	3.37
trans-2-Hexene	0.21	0.30	0.18	0.77	0.46	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	0.18	0.10	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	3.88	2.25	8.67	5.02	2.86	1.65	2.84	1.65	2.86	1.66
2,4-Dimethylpentane	0.22	1.69	0.86	4.86	2.47	1.69	0.86	1.44	0.73	1.42	0.72
Benzene	0.18	6.40	3.44	13.53	7.27	5.59	3.00	5.36	2.88	5.59	3.00
Cyclohexane	0.16	3.52	2.04	7.66	4.43	2.45	1.42	2.44	1.41	2.38	1.38
2-Methylhexane	0.21	3.27	1.93	6.33	3.74	2.79	1.64	2.12	1.25	2.33	1.38
2,3-Dimethylpentane	0.28	3.49	2.06	9.03	5.33	3.07	1.81	3.18	1.88	1.96	1.16
3-Methylhexane	0.17	2.13	1.26	6.40	3.78	2.26	1.34	3.06	1.81	2.01	1.19
1-Heptene	0.17	0.66	0.38	ND	ND	ND	ND	0.46	0.27	ND	ND
2,2,4-Trimethylpentane	0.19	3.98	2.35	13.26	7.81	4.39	2.59	3.47	2.04	4.12	2.43
n-Heptane	0.23	3.18	1.88	7.90	4.67	2.78	1.64	2.77	1.63	1.65	0.97
Methylcyclohexane	0.25	4.37	2.53	9.04	5.23	2.66	1.54	2.68	1.55	2.74	1.59
2,2,3-Trimethylpentane	0.25	0.40	0.24	2.47	1.46	0.58	0.34	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	1.32	0.78	3.92	2.31	1.32	0.78	1.25	0.73	1.18	0.69
Toluene	0.20	14.32	7.78	37.74	20.49	13.87	7.53	13.70	7.44	13.63	7.40
2-Methylheptane	0.17	0.79	0.47	2.09	1.23	0.74	0.44	0.74	0.44	0.69	0.41
3-Methylheptane	0.20	0.74	0.44	1.94	1.14	0.87	0.51	0.86	0.51	0.69	0.41
1-Octene	0.20	0.43	0.25	0.64	0.37	1.95	1.13	0.21	0.12	ND	ND
n-Octane	0.21	1.52	0.90	4.12	2.43	1.15	0.68	1.21	0.71	1.24	0.73
Ethylbenzene	0.21	1.71	1.03	4.46	2.67	1.85	1.11	1.64	0.98	1.60	0.96
m-Xylene/p-Xylene	0.16	6.80	3.72	18.41	10.08	6.81	3.62	6.83	3.74	6.56	3.59
Styrene	0.20	0.36	0.19	1.46	0.78	0.60	0.32	1.31	0.70	0.31	0.16
o-Xylene	0.19	2.23	1.22	6.26	3.43	2.22	1.22	2.25	1.23	2.06	1.13
1-Nonene	0.19	ND	ND	1.38	0.80	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.81	0.48	2.31	1.36	0.70	0.41	0.69	0.41	0.68	0.40
Isopropylbenzene	0.18	0.11	0.06	0.32	0.18	0.25	0.14	0.22	0.12	0.22	0.12
a-Pinene	0.18	ND	ND	0.58	0.33	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.57	0.31	1.00	0.55	0.51	0.28	0.43	0.24	0.42	0.23
m-Ethyltoluene	0.15	1.66	0.91	3.21	1.77	1.35	0.74	1.28	0.71	1.34	0.74
p-Ethyltoluene	0.19	0.74	0.41	1.64	0.90	0.66	0.36	0.66	0.36	0.73	0.40
1,3,5-Trimethylbenzene	0.18	0.67	0.37	2.19	1.21	0.65	0.36	0.62	0.34	0.71	0.39
o-Ethyltoluene	0.22	0.53	0.29	1.71	0.94	0.56	0.31	0.62	0.34	0.64	0.35
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	0.33	0.19	ND	ND
1,2,4-Trimethylbenzene	0.21	2.15	1.19	4.49	2.47	1.73	0.95	1.83	1.01	1.92	1.06
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.02	0.60	3.83	2.25	1.42	0.83	1.05	0.61	0.91	0.54
1,2,3-Trimethylbenzene	0.19	0.92	0.51	1.30	0.72	0.81	0.45	0.70	0.39	0.73	0.40
m-Diethylbenzene	0.20	0.38	0.21	0.50	0.28	0.65	0.36	0.34	0.19	0.29	0.16
p-Diethylbenzene	0.22	0.50	0.28	0.61	0.34	0.38	0.21	0.27	0.15	0.36	0.20
1-Undecene	0.22	ND	ND	0.60	0.35	0.34	0.20	0.56	0.33	ND	ND
n-Undecane	0.24	1.79	1.05	2.92	1.71	1.61	0.94	1.52	0.89	1.55	0.91
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.19	0.11	0.39	0.23	0.15	0.09	0.18	0.10	0.18	0.11
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		367.99	217.24	926.69	546.63	282.18	165.86	274.83	161.52	271.48	159.63
TNMOC, ppbC (w/ unknowns)		439.16	439.16	1008.83	1008.83	331.10	331.10	328.10	328.10	300.54	300.54

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

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Sample No.:		BOUT 31772 R2				BOUT 31852		BOUT 31921		BOUT 31965		BOUT 32086			
Sampling Date:		1/27/2003				2/2/2003		2/8/2003		2/14/2003		2/20/2003			
Analysis Date:		2/27/2003				2/28/2003		3/13/2003		3/13/2003		3/19/2003			
Filename:		N3B-010				L3B-013		N3CL019		L3CM009		L3CR026			
	MDL	ppbC		ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	
Ethylene	0.15	7.47	*	4.32	6.26	*	3.62	6.78	3.92	12.70	*	7.35	5.66	*	3.27
Acetylene	0.11	6.75		3.63	2.35		1.26	6.11	3.28	10.91		5.86	5.76		3.09
Ethane	0.17	16.20		10.05	11.97		7.42	17.47	10.84	26.84		16.64	13.00		8.06
Propylene	0.11	3.66		2.11	3.17		1.83	3.24	1.87	6.47		3.74	3.51		2.03
Propane	0.19	28.37		17.21	22.81		13.83	21.99	13.33	85.08		51.60	17.01		10.31
Propyne	0.19	ND		ND	ND		ND	ND	ND	ND		ND	ND		ND
Isobutane	0.14	29.88		17.91	4.65		2.79	24.04	14.41	32.36		19.40	17.87		10.71
Isobutene/1-Butene	0.17	3.58		2.07	7.94		4.59	3.31	1.91	6.04		3.50	3.33		1.93
1,3-Butadiene	0.17	0.47		0.26	0.22		0.12	0.28	0.15	0.78		0.44	0.30		0.17
n-Butane	0.17	43.92		26.32	7.32		4.38	32.82	19.67	56.66		33.96	22.86		13.70
trans-2-Butene	0.17	1.21		0.70	0.28		0.16	0.71	0.41	3.04		1.76	1.40		0.81
cis-2-Butene	0.16	1.27		0.73	0.21		0.12	1.37	0.79	2.72		1.57	1.62		0.93
3-Methyl-1-butene	0.16	0.33		0.19	ND		ND	0.33	0.19	0.72		0.41	0.33		0.19
Isopentane	0.19	22.65		13.49	3.63		2.16	16.09	9.58	49.05		29.20	18.83		11.21
1-Pentene	0.20	0.83		0.48	0.62		0.36	0.71	0.41	1.68		0.97	1.44		0.84
2-Methyl-1-butene	0.20	1.03		0.59	0.63		0.37	0.75	0.43	2.34		1.35	1.09		0.63
n-Pentane	0.19	13.48		8.03	2.32		1.38	8.13	4.84	27.57		16.41	9.77		5.81
Isoprene	0.20	0.34		0.19	0.60		0.34	0.36	0.20	0.69		0.39	0.98		0.55
trans-2-Pentene	0.21	1.16		0.69	0.37		0.22	0.76	0.45	2.73		1.63	1.25		0.74
cis-2-Pentene	0.22	0.64		0.38	ND		ND	0.44	0.26	1.25		0.74	0.94		0.56
2-Methyl-2-butene	0.22	1.08		0.63	0.38		0.22	0.62	0.36	2.88		1.67	1.00		0.58
2,2-Dimethylbutane	0.20	0.99		0.58	ND		ND	0.71	0.42	1.46		0.86	1.16		0.68
Cyclopentene	0.20	ND		ND	0.37		0.21	0.36	0.20	0.88		0.49	0.57		0.32
4-Methyl-1-pentene	0.20	ND		ND	ND		ND	ND	ND	ND		ND	ND		ND
Cyclopentane	0.20	1.11		0.64	0.33		0.19	1.04	0.60	2.07		1.20	1.06		0.61
2,3-Dimethylbutane	0.20	1.98		1.18	0.32		0.19	1.31	0.78	3.89		2.30	2.16		1.28
2-Methylpentane	0.13	6.20		3.67	1.05		0.62	4.20	2.49	11.36		6.73	4.70		2.78
3-Methylpentane	0.22	3.78		2.24	4.51		2.67	3.47	2.05	7.65		4.53	3.82		2.26
2-Methyl-1-pentene	0.22	0.54		0.32	0.24	U	0.14	ND	ND	0.42		0.25	0.28	U	0.16
1-Hexene	0.32	0.84		0.50	0.85		0.50	1.68	0.99	0.51		0.30	1.02		0.61
2-Ethyl-1-butene	0.22	ND		ND	ND		ND	ND	ND	ND		ND	ND		ND
n-Hexane	0.21	5.81		3.44	1.04		0.61	3.99	2.36	10.10		5.99	3.54		2.10
trans-2-Hexene	0.21	ND		ND	ND		ND	ND	ND	ND		ND	ND		ND
cis-2-Hexene	0.21	ND		ND	ND		ND	ND	ND	0.29	U	0.17	ND		ND
Methylcyclopentane	0.21	2.81		1.63	0.60		0.35	1.93	1.11	5.45		3.15	2.22		1.29
2,4-Dimethylpentane	0.22	1.38		0.70	1.04		0.53	1.42	0.72	3.46		1.76	1.75		0.89
Benzene	0.18	5.75		3.09	2.23		1.20	5.05	2.71	6.81		3.66	2.74		1.47
Cyclohexane	0.16	2.27		1.31	0.43		0.25	1.42	0.82	3.74		2.16	2.25		1.30
2-Methylhexane	0.21	2.01		1.19	0.82		0.48	2.72	1.61	2.48		1.46	1.47		0.87
2,3-Dimethylpentane	0.28	2.67		1.58	2.78		1.64	3.45	2.04	6.20		3.66	2.82		1.67
3-Methylhexane	0.17	3.08		1.82	21.15		12.49	3.45	2.04	4.05		2.39	1.85		1.09
1-Heptene	0.17	0.70		0.41	0.49		0.29	0.55	0.32	ND		ND	ND		ND
2,2,4-Trimethylpentane	0.19	3.47		2.04	2.03		1.20	3.85	2.27	10.05		5.92	4.20		2.47
n-Heptane	0.23	2.62		1.54	0.67		0.39	2.22	1.31	3.69		2.18	1.40		0.83
Methylcyclohexane	0.25	2.68		1.55	1.10		0.64	1.76	1.02	4.92		2.84	1.67		0.97
2,2,3-Trimethylpentane	0.25	ND		ND	0.28		0.16	0.40	0.23	1.28		0.75	0.44		0.26
2,3,4-Trimethylpentane	0.20	1.26		0.74	0.44		0.26	1.26	0.74	2.60		1.53	1.14		0.67
Toluene	0.20	13.74		7.46	4.37		2.38	9.59	5.21	15.56	#	8.45	6.70		3.64
2-Methylheptane	0.17	0.74		0.44	0.59		0.35	0.65	0.38	1.27		0.75	0.87		0.51
3-Methylheptane	0.20	0.63		0.37	0.20	U	0.12	1.07	0.63	1.10		0.65	0.69		0.41
1-Octene	0.20	0.42		0.24	0.24		0.14	0.84	0.49	ND		ND	ND		ND
n-Octane	0.21	1.24		0.73	0.35		0.21	1.09	0.64	2.27		1.34	1.00		0.59
Ethylbenzene	0.21	1.65		0.99	0.49		0.29	1.33	0.80	2.10		1.26	1.00		0.60
m-Xylene/p-Xylene	0.16	6.75		3.70	6.00		3.28	4.21	2.30	8.55		4.68	3.34		1.83
Styrene	0.20	0.46		0.25	ND		ND	0.30	0.16	0.65		0.35	0.67		0.36
o-Xylene	0.19	2.26		1.24	1.50		0.82	1.41	0.77	3.03		1.66	1.42		0.78
1-Nonene	0.19	ND		ND	0.41		0.23	0.60	0.35	0.39		0.22	ND		ND
n-Nonane	0.11	0.70		0.41	0.19		0.11	0.90	0.53	1.66		0.98	0.94		0.55
Isopropylbenzene	0.18	0.12	U	0.06	ND		ND	ND	ND	ND		ND	0.60		0.33
a-Pinene	0.18	ND		ND	6.99		3.93	ND	ND	1.03		0.58	ND		ND
n-Propylbenzene	0.21	0.52		0.29	0.96		0.53	0.55	0.30	0.66		0.36	0.65		0.36
m-Ethyltoluene	0.15	1.33		0.73	0.74		0.41	0.78	0.43	2.32		1.28	1.12		0.62
p-Ethyltoluene	0.19	0.62		0.34	1.23		0.68	0.59	0.32	1.36		0.75	1.04		0.57
1,3,5-Trimethylbenzene	0.18	0.66		0.36	0.69		0.38	0.47	0.26	1.04		0.57	0.63		0.35
o-Ethyltoluene	0.22	0.54		0.30	0.39		0.21	0.61	0.33	1.39		0.77	0.91		0.50
b-Pinene	0.22	0.31		0.17	ND		ND	ND	ND	ND		ND	ND		ND
1,2,4-Trimethylbenzene	0.21	2.21		1.22	0.95		0.53	1.41	0.78	3.03		1.67	1.81		0.99
1-Decene	0.21	ND		ND	ND		ND	ND	ND	ND		ND	ND		ND
n-Decane	0.25	0.79		0.47	0.30		0.17	0.78	0.46	2.17		1.27	1.09		0.64
1,2,3-Trimethylbenzene	0.19	0.64		0.35	0.95		0.52	0.57	0.31	1.29		0.71	1.10		0.61
m-Diethylbenzene	0.20	0.31		0.17	1.09		0.60	0.57	0.31	1.90		1.05	0.87		0.48
p-Diethylbenzene	0.22	0.27		0.15	1.53		0.85	0.31	0.17	0.53		0.30	0.77		0.42
1-Undecene	0.22	0.53		0.30	1.27		0.73	0.17	U	0.10		1.97	1.14		0.73
n-Undecane	0.24	1.36		0.80	1.89		1.11	0.45	0.26	4.01		2.35	2.28		1.33
1-Dodecene	0.24	ND		ND	2.65		1.54	ND	ND	0.46	U	0.27	ND		ND
n-Dodecane	0.49	0.17	U	0.10	0.41	U	0.24	0.28	U	0.17		0.72	0.44	U	0.26
1-Tridecene	0.49	ND		ND	ND		ND	ND	ND	ND		ND	ND		ND
n-Tridecane	0.49	ND		ND	ND		ND	ND	ND	ND		ND	ND		ND
TNMOC (speciated)		275.19		161.78	154.82		90.54	222.00	130.62	486.29		286.71	201.36		118.17
TNMOC, ppbC (w/ unknowns)		327.46		327.46	648.76		648.76	372.69	372.69	622.31		622.31	271.36		271.36

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

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Sample No.:		BOUT 32131 D1		BOUT 32131 R1		BOUT 32133 D2		BOUT 32133 R2		BOUT 32224	
Sampling Date:		2/26/2003		2/26/2003		2/26/2003		2/26/2003		3/4/2003	
Analysis Date:		3/25/2003		3/26/2003		3/25/2003		3/26/2003		3/27/2003	
Filename:		N3CY005		N3CZ005		N3CY006		N3CZ006		N3CZ018	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	4.71	2.73	4.82	2.79	4.98	2.88	5.06	2.93	4.42	2.56
Acetylene	0.11	5.06	2.72	4.99	2.68	5.06	2.72	5.05	2.71	4.91	2.64
Ethane	0.17	22.58	14.01	22.63	14.04	22.77	14.13	22.81	14.15	10.91	6.77
Propylene	0.11	2.02	1.17	1.96	1.13	2.11	1.22	2.11	1.22	2.10	1.22
Propane	0.19	34.47	20.90	34.42	20.87	34.52	20.94	34.28	20.79	11.19	6.79
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	14.41	8.63	14.27	8.55	14.44	8.66	14.41	8.64	9.16	5.49
Isobutene/1-Butene	0.17	2.10	1.21	2.13	1.23	1.85	1.07	1.92	1.11	3.45	2.00
1,3-Butadiene	0.17	0.23	0.13	0.24	0.13	0.23	0.13	0.24	0.14	0.25	0.14
n-Butane	0.17	21.74	13.03	21.55	12.92	21.77	13.05	21.74	13.03	15.27	9.15
trans-2-Butene	0.17	0.39	0.23	0.30	0.17	0.36	0.21	0.36	0.21	0.65	0.38
cis-2-Butene	0.16	0.36	0.21	0.26	0.15	0.33	0.19	0.35	0.20	0.62	0.36
3-Methyl-1-butene	0.16	0.12	U 0.07	0.16	U 0.09	0.12	U 0.07	0.16	U 0.09	0.16	U 0.09
Isopentane	0.19	9.20	5.48	9.00	5.36	9.29	5.53	9.17	5.46	10.71	6.38
1-Pentene	0.20	0.34	0.20	ND	ND	0.15	U 0.09	0.37	0.21	0.46	0.27
2-Methyl-1-butene	0.20	0.43	0.25	0.40	0.23	0.43	0.25	0.41	0.23	0.67	0.39
n-Pentane	0.19	5.40	3.22	5.32	3.17	5.51	3.28	5.52	3.28	6.18	3.68
Isoprene	0.20	0.31	0.17	0.17	U 0.10	0.37	0.21	0.30	0.17	0.25	0.14
trans-2-Pentene	0.21	0.42	0.25	0.30	0.18	0.39	0.23	0.39	0.23	0.72	0.43
cis-2-Pentene	0.22	0.19	U 0.11	0.19	U 0.11	0.23	0.14	0.33	0.20	0.40	0.24
2-Methyl-2-butene	0.22	0.46	0.27	0.46	0.27	0.45	0.26	0.59	0.34	0.72	0.42
2,2-Dimethylbutane	0.20	0.56	0.33	0.39	0.23	0.60	0.35	0.62	0.37	0.51	0.30
Cyclopentene	0.20	0.32	0.18	0.41	0.23	0.40	0.23	0.49	0.28	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.83	0.48	0.55	0.32	0.67	0.39	0.62	0.36	0.62	0.36
2,3-Dimethylbutane	0.20	1.09	0.64	0.83	0.49	0.86	0.51	1.18	0.70	1.06	0.63
2-Methylpentane	0.13	2.67	1.58	2.52	1.49	2.57	1.52	2.81	1.66	3.09	1.83
3-Methylpentane	0.22	2.59	1.53	1.97	1.17	1.73	1.02	1.77	1.05	1.78	1.05
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	0.15	U 0.09
1-Hexene	0.32	1.09	0.65	0.21	U 0.12	0.76	0.45	0.26	U 0.15	0.48	0.29
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.95	1.75	3.01	1.78	3.14	1.86	2.89	1.71	3.16	1.87
trans-2-Hexene	0.21	ND	ND	ND	ND	0.19	U 0.11	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.40	0.81	1.30	0.75	1.43	0.83	1.50	0.87	1.50	0.87
2,4-Dimethylpentane	0.22	0.95	0.48	0.84	0.43	0.98	0.50	1.02	0.52	0.89	0.45
Benzene	0.18	4.05	2.18	3.92	2.10	4.15	2.23	4.18	2.25	3.82	2.05
Cyclohexane	0.16	1.21	0.70	1.05	0.61	1.26	0.73	1.22	0.70	1.00	0.58
2-Methylhexane	0.21	1.79	1.05	2.03	1.20	1.94	1.15	2.30	1.36	0.87	0.51
2,3-Dimethylpentane	0.28	2.00	1.18	1.93	1.14	1.95	1.15	1.84	1.08	1.34	0.79
3-Methylhexane	0.17	1.97	1.16	2.18	1.29	2.39	1.41	2.51	1.48	1.26	0.74
1-Heptene	0.17	0.61	0.35	0.54	0.31	0.45	0.26	ND	ND	0.40	0.23
2,2,4-Trimethylpentane	0.19	2.62	1.54	2.62	1.54	2.52	1.49	2.92	1.72	2.19	1.29
n-Heptane	0.23	1.71	1.01	1.55	0.92	1.61	0.95	1.63	0.96	1.52	0.90
Methylcyclohexane	0.25	1.44	0.83	1.39	0.80	1.52	0.88	1.61	0.93	1.31	0.76
2,2,3-Trimethylpentane	0.25	ND	ND	0.40	0.24	0.32	0.19	0.44	0.26	0.23	0.13
2,3,4-Trimethylpentane	0.20	0.82	0.48	0.84	0.50	0.90	0.53	0.96	0.56	0.83	0.49
Toluene	0.20	9.17	4.98	9.00	4.89	9.07	4.93	9.30	5.05	8.93	4.85
2-Methylheptane	0.17	0.46	0.27	0.41	0.24	0.48	0.28	0.72	0.42	0.46	0.27
3-Methylheptane	0.20	0.61	0.36	0.41	0.24	0.68	0.40	0.50	0.30	0.50	0.30
1-Octene	0.20	0.40	0.23	0.59	0.34	0.26	0.15	0.28	0.16	0.29	0.17
n-Octane	0.21	0.87	0.51	0.82	0.48	0.96	0.57	0.90	0.53	0.96	0.56
Ethylbenzene	0.21	1.04	0.62	1.01	0.61	1.36	0.81	1.14	0.69	0.89	0.54
m-Xylene/p-Xylene	0.16	3.98	2.18	3.84	2.10	4.10	2.25	3.82	2.09	4.06	2.22
Styrene	0.20	0.30	0.16	0.29	0.16	0.30	0.16	0.50	0.27	0.35	0.19
o-Xylene	0.19	1.43	0.78	1.68	0.92	1.44	0.79	1.77	0.97	1.21	0.66
1-Nonene	0.19	0.38	0.22	0.48	0.27	0.35	0.20	0.30	0.18	ND	ND
n-Nonane	0.11	0.46	0.27	0.44	0.26	0.52	0.30	0.48	0.28	0.46	0.27
Isopropylbenzene	0.18	0.17	U 0.09	ND	ND	0.22	0.12	0.19	0.11	ND	ND
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.37	0.20	0.33	0.18	0.42	0.23	0.45	0.25	0.50	0.27
m-Ethyltoluene	0.15	0.84	0.47	0.86	0.48	0.89	0.49	0.92	0.51	1.24	0.68
p-Ethyltoluene	0.19	0.46	0.25	0.40	0.22	0.48	0.26	0.47	0.26	0.56	0.31
1,3,5-Trimethylbenzene	0.18	0.39	0.22	0.35	0.19	0.42	0.23	0.35	0.19	0.40	0.22
o-Ethyltoluene	0.22	0.40	0.22	0.28	0.15	0.38	0.21	0.46	0.26	0.39	0.21
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	0.72	0.40
1,2,4-Trimethylbenzene	0.21	1.51	0.83	1.46	0.81	1.30	0.71	1.30	0.72	1.51	0.83
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.52	0.31	0.50	0.29	0.62	0.36	0.48	0.28	0.32	0.18
1,2,3-Trimethylbenzene	0.19	0.59	0.32	0.46	0.26	0.56	0.31	0.57	0.32	1.02	0.56
m-Diethylbenzene	0.20	0.32	0.18	0.29	0.16	0.37	0.20	0.38	0.21	0.40	0.22
p-Diethylbenzene	0.22	0.35	0.19	0.25	0.14	0.35	0.20	0.29	0.16	1.22	0.68
1-Undecene	0.22	0.61	0.35	0.46	0.27	0.57	0.33	0.56	0.32	ND	ND
n-Undecane	0.24	1.62	0.95	1.23	0.72	1.25	0.73	1.36	0.80	1.64	0.96
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.28	U 0.16	0.21	U 0.12	0.35	U 0.20	0.29	U 0.17	0.22	U 0.13
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		185.13	109.25	180.11	106.35	185.36	109.39	186.14	109.81	139.44	81.41
TNMOC, ppbC (w/ unknowns)		244.22	244.22	242.25	242.25	247.08	247.08	255.12	255.12	241.02	241.02

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

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Sample No.:		BOUT 32287		BOUT 32442		BOUT 32478		BOUT 32521		BOUT 32615	
Sampling Date:		3/10/2003		3/16/2003		3/22/2003		3/28/2003		4/3/2003	
Analysis Date:		3/31/2003		4/1/2003		4/1/2003		4/11/2003			
Filename:		L3C%009		L3C%020		L3C%017		L3DK008		VOID	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	4.91	2.84	2.29	1.32	9.64	5.58	5.94	3.44		
Acetylene	0.11	3.31	1.78	2.22	1.19	4.40	2.37	3.76	2.02		
Ethane	0.17	8.37	5.19	7.30	4.53	15.85	9.83	10.34	6.41		
Propylene	0.11	2.92	1.69	1.29	0.75	4.63	2.68	3.03	1.75		
Propane	0.19	16.12	9.78	13.37	8.11	35.49	21.52	12.82	7.77		
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND		
Isobutane	0.14	10.98	6.58	7.92	4.75	31.24	18.73	8.33	4.99		
Isobutene/1-Butene	0.17	3.38	1.96	1.67	0.96	11.58	6.70	4.88	2.83		
1,3-Butadiene	0.17	0.41	0.23	ND	ND	0.26	0.15	0.21	0.11		
n-Butane	0.17	14.16	8.49	11.75	7.04	46.71	28.00	12.48	7.48		
trans-2-Butene	0.17	0.67	0.38	0.47	0.27	2.01	1.16	0.76	0.44		
cis-2-Butene	0.16	0.84	0.49	0.69	0.40	2.57	1.48	0.90	0.52		
3-Methyl-1-butene	0.16	0.19	U 0.11	ND	ND	0.76	0.44	0.22	0.13		
Isopentane	0.19	8.43	5.02	6.73	4.01	37.67	22.42	7.76	4.62		
1-Pentene	0.20	0.74	0.43	0.76	0.44	2.52	1.46	1.03	0.59		
2-Methyl-1-butene	0.20	0.94	0.54	0.38	0.22	2.77	1.60	0.92	0.53		
n-Pentane	0.19	5.41	3.22	3.21	1.91	19.54	11.63	4.51	2.69		
Isoprene	0.20	1.07	0.60	0.52	0.29	1.13	0.64	0.96	0.54		
trans-2-Pentene	0.21	0.80	0.47	0.75	0.44	2.45	1.46	0.93	0.55		
cis-2-Pentene	0.22	0.69	0.41	0.58	0.34	1.67	0.99	0.74	0.44		
2-Methyl-2-butene	0.22	0.66	0.38	0.29	0.17	2.14	1.24	0.65	0.38		
2,2-Dimethylbutane	0.20	0.78	0.46	0.75	0.44	1.41	0.84	0.75	0.44		
Cyclopentene	0.20	0.30	0.17	0.22	0.12	0.41	0.23	ND	ND		
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND		
Cyclopentane	0.20	0.80	0.46	0.63	0.37	1.81	1.05	0.88	0.51		
2,3-Dimethylbutane	0.20	1.31	0.78	1.11	0.66	3.06	1.81	1.16	0.69		
2-Methylpentane	0.13	2.76	1.64	1.48	0.87	7.32	4.34	2.20	1.30		
3-Methylpentane	0.22	4.40	2.61	2.08	1.23	4.99	2.96	1.64	0.97		
2-Methyl-1-pentene	0.22	0.24	U 0.14	ND	ND	0.53	0.31	0.27	U 0.16		
1-Hexene	0.32	1.04	0.61	1.16	0.69	2.07	1.22	1.40	0.83		
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND		
n-Hexane	0.21	3.07	1.82	1.53	0.91	6.92	4.10	2.47	1.47		
trans-2-Hexene	0.21	ND	ND	ND	ND	0.16	U 0.09	ND	ND		
cis-2-Hexene	0.21	ND	ND	ND	ND	0.22	U 0.13	ND	ND		
Methylcyclopentane	0.21	1.65	0.95	0.92	0.53	3.51	2.03	1.28	0.74		
2,4-Dimethylpentane	0.22	1.58	0.80	0.93	0.47	3.73	1.90	2.48	1.26		
Benzene	0.18	3.41	1.83	2.23	1.20	5.27	2.83	3.11	1.67		
Cyclohexane	0.16	2.32	1.34	1.02	0.59	2.87	1.66	1.55	0.90		
2-Methylhexane	0.21	2.22	1.31	0.93	0.55	2.64	1.56	1.39	0.82		
2,3-Dimethylpentane	0.28	2.64	1.56	1.35	0.80	7.05	4.16	3.56	2.10		
3-Methylhexane	0.17	4.20	2.48	2.41	1.42	10.88	6.42	11.56	6.83		
1-Heptene	0.17	0.28	0.16	ND	ND	ND	ND	0.31	0.18		
2,2,4-Trimethylpentane	0.19	3.44	2.02	1.84	1.08	6.26	3.69	1.97	1.16		
n-Heptane	0.23	2.34	1.38	0.84	0.50	2.77	1.64	1.15	0.68		
Methylcyclohexane	0.25	2.34	1.35	0.88	0.51	3.43	1.98	1.17	0.68		
2,2,3-Trimethylpentane	0.25	0.43	0.25	ND	ND	0.68	0.40	0.43	0.25		
2,3,4-Trimethylpentane	0.20	1.13	0.66	0.72	0.43	1.79	1.05	0.75	0.44		
Toluene	0.20	6.48	3.52	3.17	1.72	9.94	5.40	4.63	2.51		
2-Methylheptane	0.17	1.12	0.66	0.57	0.34	1.15	0.68	1.34	0.79		
3-Methylheptane	0.20	0.84	0.50	0.53	0.31	0.92	0.54	0.63	0.37		
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND		
n-Octane	0.21	1.26	0.74	0.62	0.36	1.72	1.01	0.81	0.48		
Ethylbenzene	0.21	0.90	0.54	0.54	0.33	1.12	0.67	0.84	0.51		
m-Xylene/p-Xylene	0.16	2.98	1.63	1.53	0.84	4.46	2.44	2.74	1.50		
Styrene	0.20	0.41	0.22	0.44	0.23	0.40	0.21	0.35	0.19		
o-Xylene	0.19	1.06	0.58	0.61	0.33	1.60	0.88	0.92	0.50		
1-Nonene	0.19	ND	ND	ND	ND	0.31	0.18	ND	ND		
n-Nonane	0.11	0.54	0.31	0.36	0.21	0.89	0.52	0.51	0.30		
Isopropylbenzene	0.18	0.30	0.17	0.29	0.16	0.29	0.16	0.26	0.14		
a-Pinene	0.18	ND	ND	ND	ND	0.66	0.37	0.38	0.22		
n-Propylbenzene	0.21	0.46	0.25	0.38	0.21	0.60	0.33	0.69	0.38		
m-Ethyltoluene	0.15	0.81	0.44	0.54	0.30	1.02	0.56	0.76	0.42		
p-Ethyltoluene	0.19	0.73	0.40	0.62	0.34	0.78	0.43	0.94	0.52		
1,3,5-Trimethylbenzene	0.18	0.38	0.21	0.30	0.16	0.63	0.35	0.37	0.20		
o-Ethyltoluene	0.22	0.55	0.30	0.54	0.29	0.55	0.30	0.53	0.29		
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	0.21	1.01	0.56	0.66	0.36	1.17	0.65	0.78	0.43		
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND		
n-Decane	0.25	0.66	0.39	0.50	0.29	1.16	0.68	1.99	1.17		
1,2,3-Trimethylbenzene	0.19	1.48	0.81	1.52	0.84	0.66	0.36	0.75	0.41		
m-Diethylbenzene	0.20	0.31	0.17	0.42	0.23	0.44	0.24	0.44	0.24		
p-Diethylbenzene	0.22	0.47	0.26	0.73	0.41	0.85	0.47	0.95	0.52		
1-Undecene	0.22	0.61	0.35	ND	ND	ND	ND	ND	ND		
n-Undecane	0.24	1.38	0.81	1.37	0.80	2.62	1.54	2.16	1.26		
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND		
n-Dodecane	0.49	0.35	U 0.20	0.40	U 0.23	0.46	U 0.27	0.50	0.29		
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND		
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND		
TNMOC (speciated)		152.74	89.43	101.82	59.82	349.18	205.73	146.87	85.95		
TNMOC, ppbC (w/ unknowns)		292.44	292.44	181.13	181.13	655.22	655.22	378.54	378.54		

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

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Sample No.:		BOUT 32691		BOUT 32768		BOUT 32888		BOUT 33067		BOUT 33151	
Sampling Date:		4/9/2003		4/15/2003		4/21/2003		4/27/2003		5/3/2003	
Analysis Date:		4/24/2003		5/1/2003		5/2/2003		5/22/2003		5/22/2003	
Filename:		L3DX008		L3EA007		L3EA016		L3EU018		L3EV008	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	5.14	2.97	2.04	1.18	6.12	3.54	2.71	1.57	2.11	1.22
Acetylene	0.11	3.78	2.03	1.92	1.03	3.05	1.64	2.79	1.50	1.75	0.94
Ethane	0.17	11.70	7.26	6.24	3.87	10.36	6.43	11.60	7.19	7.30	4.53
Propylene	0.11	2.97	1.72	1.21	0.70	4.10	2.37	1.51	0.88	1.31	0.76
Propane	0.19	15.57	9.44	9.73	5.90	27.82	16.87	18.42	11.17	10.17	6.16
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	17.62	10.56	5.42	3.25	19.49	11.68	13.87	8.32	5.54	3.32
Isobutene/1-Butene	0.17	2.88	1.67	1.56	0.90	5.22	3.02	2.02	1.17	1.69	0.98
1,3-Butadiene	0.17	0.28	0.16	ND	ND	0.28	0.16	0.16	U 0.09	ND	ND
n-Butane	0.17	24.89	14.92	8.34	5.00	26.86	16.10	21.32	12.78	9.47	5.67
trans-2-Butene	0.17	0.73	0.42	0.44	0.26	0.74	0.43	0.57	0.33	0.46	0.26
cis-2-Butene	0.16	0.88	0.51	0.57	0.33	0.96	0.56	0.82	0.47	0.60	0.35
3-Methyl-1-butene	0.16	0.21	U 0.12	ND	ND	ND	ND	0.17	U 0.10	ND	ND
Isopentane	0.19	14.08	8.38	5.11	3.04	14.10	8.39	13.73	8.17	8.07	4.80
1-Pentene	0.20	0.91	0.53	0.57	0.33	1.04	0.60	0.79	0.46	0.76	0.44
2-Methyl-1-butene	0.20	0.69	0.40	0.28	0.16	0.97	0.56	0.52	0.30	0.35	0.20
n-Pentane	0.19	7.02	4.18	2.48	1.48	7.26	4.32	9.18	5.47	4.77	2.84
Isoprene	0.20	1.26	0.71	1.23	0.69	2.08	1.17	0.92	0.52	1.06	0.60
trans-2-Pentene	0.21	1.17	0.70	0.64	0.38	1.01	0.60	0.94	0.56	0.79	0.47
cis-2-Pentene	0.22	0.87	0.51	0.50	0.30	0.75	0.44	0.62	0.37	0.59	0.35
2-Methyl-2-butene	0.22	0.67	0.39	0.26	0.15	0.70	0.40	0.41	0.24	0.26	0.15
2,2-Dimethylbutane	0.20	1.07	0.63	0.65	0.38	0.93	0.55	0.91	0.54	0.78	0.46
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.34	0.19
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.16	U 0.09	ND	ND
Cyclopentane	0.20	1.04	0.60	0.65	0.37	0.96	0.56	1.01	0.58	0.75	0.43
2,3-Dimethylbutane	0.20	1.77	1.05	0.96	0.57	1.60	0.95	1.57	0.93	1.30	0.77
2-Methylpentane	0.13	3.58	2.12	1.50	0.89	3.37	2.00	3.49	2.07	2.11	1.25
3-Methylpentane	0.22	5.17	3.06	2.13	1.26	6.93	4.10	2.51	1.48	1.54	0.91
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	0.28	U 0.17	ND	ND	ND	ND
1-Hexene	0.32	1.38	0.81	0.96	0.57	1.39	0.82	0.95	0.56	0.92	0.54
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.85	2.28	1.49	0.88	3.56	2.11	3.70	2.19	2.30	1.36
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	0.21	U 0.12	ND	ND	ND	ND
Methylcyclopentane	0.21	2.10	1.21	0.86	0.50	1.97	1.14	1.99	1.15	1.33	0.77
2,4-Dimethylpentane	0.22	1.49	0.76	0.72	0.36	2.48	1.26	1.30	0.66	1.12	0.57
Benzene	0.18	4.03	2.16	2.19	1.17	3.65	1.96	3.25	1.74	2.50	1.34
Cyclohexane	0.16	2.08	1.21	1.14	0.66	2.17	1.25	2.03	1.18	1.48	0.85
2-Methylhexane	0.21	2.17	1.28	1.06	0.63	1.97	1.16	1.87	1.10	1.76	1.04
2,3-Dimethylpentane	0.28	2.74	1.62	1.19	0.70	ND	ND	1.89	1.12	2.12	1.25
3-Methylhexane	0.17	3.59	2.12	0.52	0.31	ND	ND	1.31	0.77	0.89	0.53
1-Heptene	0.17	ND	ND	ND	ND	0.39	0.23	0.32	0.18	ND	ND
2,2,4-Trimethylpentane	0.19	3.47	2.05	1.45	0.85	4.07	2.40	2.16	1.27	2.21	1.30
n-Heptane	0.23	1.89	1.12	0.79	0.46	1.74	1.02	1.68	0.99	1.20	0.71
Methylcyclohexane	0.25	1.70	0.98	0.70	0.41	1.63	0.94	1.88	1.09	1.22	0.71
2,2,3-Trimethylpentane	0.25	0.15	U 0.09	ND	ND	0.29	0.17	0.32	0.19	0.28	0.16
2,3,4-Trimethylpentane	0.20	1.27	0.75	0.62	0.36	1.32	0.78	0.90	0.53	0.97	0.57
Toluene	0.20	8.53	4.63	3.84	2.08	7.93	4.31	5.51	2.99	4.81	2.61
2-Methylheptane	0.17	0.88	0.52	0.49	0.29	2.80	1.65	0.68	0.40	0.60	0.35
3-Methylheptane	0.20	0.63	0.37	0.49	0.29	0.74	0.43	0.43	0.25	0.44	0.26
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.94	0.56	0.61	0.36	0.93	0.55	0.94	0.56	0.83	0.49
Ethylbenzene	0.21	1.20	0.72	0.78	0.47	1.08	0.65	0.81	0.48	0.80	0.48
m-Xylene/p-Xylene	0.16	4.13	2.26	1.99	1.09	5.62	3.08	2.52	1.38	2.15	1.18
Styrene	0.20	0.40	0.22	0.40	0.21	0.54	0.29	0.36	0.19	0.35	0.19
o-Xylene	0.19	1.59	0.87	0.74	0.40	1.57	0.86	0.93	0.51	0.84	0.46
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.56	0.33	0.35	0.21	0.46	0.27	0.50	0.30	0.39	0.23
Isopropylbenzene	0.18	0.29	0.16	0.35	0.19	0.27	0.15	0.25	0.14	0.26	0.14
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.45	0.25	0.45	0.25	0.41	0.23	0.39	0.22	0.44	0.24
m-Ethyltoluene	0.15	0.74	0.40	0.55	0.30	0.96	0.53	0.58	0.32	0.64	0.35
p-Ethyltoluene	0.19	0.54	0.29	0.68	0.37	1.02	0.56	0.67	0.37	0.73	0.40
1,3,5-Trimethylbenzene	0.18	0.41	0.22	0.25	0.14	0.49	0.27	0.30	0.16	0.30	0.16
o-Ethyltoluene	0.22	0.58	0.32	0.41	0.22	0.51	0.28	0.60	0.33	0.63	0.34
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.00	0.55	0.70	0.38	1.09	0.60	0.73	0.40	0.70	0.38
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	2.00	1.17	0.50	0.29	0.73	0.43	0.73	0.43	2.18	1.28
1,2,3-Trimethylbenzene	0.19	0.53	0.29	0.65	0.36	1.13	0.62	0.74	0.41	0.54	0.30
m-Diethylbenzene	0.20	0.41	0.23	0.42	0.23	0.57	0.31	0.44	0.24	0.56	0.31
p-Diethylbenzene	0.22	0.28	0.16	0.67	0.37	0.79	0.44	0.72	0.40	0.84	0.47
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	0.40	0.23
n-Undecane	0.24	0.40	0.23	1.23	0.72	2.49	1.46	1.87	1.10	1.81	1.06
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	0.18	U 0.10
n-Dodecane	0.49	0.45	U 0.27	0.30	U 0.18	0.62	0.36	0.33	U 0.19	0.41	U 0.24
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		184.78	108.50	84.92	49.70	206.51	121.29	159.29	93.84	105.94	62.03
TNMOC, ppbC (w/ unknowns)		419.84	419.84	152.28	152.28	534.83	534.83	219.58	219.58	181.44	181.44

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

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Sample No.:		BOUT 33217		BOUT 33324 D1		BOUT 33324 R1		BOUT 33326 D2		BOUT 33326 R2					
Sampling Date:		5/9/2003		5/15/2003		5/15/2003		5/15/2003		5/15/2003					
Analysis Date:		5/31/2003		6/11/2003		6/13/2003		6/11/2003		6/17/2003					
Filename:		L3E\$017		L3FK009		L3FL009		L3FK010		L3FQ006					
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³				
Ethylene	0.15	2.44	1.41	2.49	1.44	2.44	1.41	2.12	1.23	1.99	1.15				
Acetylene	0.11	2.01	1.08	1.77	0.95	1.80	0.97	1.60	0.86	1.53	0.82				
Ethane	0.17	6.86	4.25	5.13	3.18	5.09	3.16	5.46	3.38	5.17	3.21				
Propylene	0.11	1.36	0.79	1.35	0.78	1.26	0.73	1.14	0.66	1.14	0.66				
Propane	0.19	6.79	4.12	12.97	7.87	12.86	7.80	11.38	6.90	10.72	6.50				
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isobutane	0.14	2.72	1.63	5.91	3.54	5.87	3.52	5.21	3.12	5.34	3.20				
Isobutene/1-Butene	0.17	1.51	0.87	1.47	0.85	1.46	0.84	1.29	0.74	1.28	0.74				
1,3-Butadiene	0.17	ND	ND	0.12	U	0.07	ND	ND	ND	ND	ND				
n-Butane	0.17	4.93	2.96	7.73	4.63	7.65	4.59	8.24	4.94	7.61	4.56				
trans-2-Butene	0.17	0.39	0.23	0.42	0.24	0.44	0.26	0.46	0.27	0.37	0.21				
cis-2-Butene	0.16	0.53	0.31	0.64	0.37	0.60	0.34	0.64	0.37	0.50	0.29				
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isopentane	0.19	4.36	2.59	7.14	4.25	5.18	3.08	6.82	4.06	4.46	2.65				
1-Pentene	0.20	0.54	0.31	0.61	0.36	0.70	0.40	1.18	0.68	1.20	0.70				
2-Methyl-1-butene	0.20	0.25	0.15	0.25	0.14	0.27	0.16	0.23	0.13	0.22	U	0.13			
n-Pentane	0.19	2.59	1.54	3.10	1.84	3.11	1.85	2.58	1.54	2.40	1.43				
Isoprene	0.20	1.16	0.65	1.55	0.87	1.85	1.04	3.21	1.80	3.19	1.79				
trans-2-Pentene	0.21	0.50	0.30	0.59	0.35	0.72	0.43	0.67	0.40	0.56	0.33				
cis-2-Pentene	0.22	0.50	0.30	0.56	0.33	0.62	0.37	0.55	0.33	0.51	0.30				
2-Methyl-2-butene	0.22	0.20	U	0.12	0.22	0.13	0.28	0.16	U	0.11	0.16	U	0.09		
2,2-Dimethylbutane	0.20	0.62	0.37	0.81	0.48	0.77	0.45	0.76	0.45	0.74	0.44				
Cyclopentene	0.20	0.31	0.17	0.50	0.28	0.49	0.27	0.26	0.15	0.24	0.13				
4-Methyl-1-pentene	0.20	0.23	U	0.13	0.21	U	0.12	0.22	U	0.13	0.76	0.44	0.67	0.39	
Cyclopentane	0.20	0.62	0.36	0.66	0.38	0.71	0.41	0.69	0.40	0.69	0.40				
2,3-Dimethylbutane	0.20	0.92	0.54	1.16	0.69	1.19	0.70	1.03	0.61	1.00	0.59				
2-Methylpentane	0.13	1.23	0.73	1.60	0.95	1.65	0.98	1.44	0.85	1.37	0.81				
3-Methylpentane	0.22	1.55	0.92	1.44	0.85	1.81	1.07	2.77	1.64	2.75	1.63				
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1-Hexene	0.32	0.99	0.59	1.03	0.61	1.01	0.60	1.06	0.63	0.91	0.54				
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Hexane	0.21	1.70	1.00	1.60	0.95	1.68	0.99	1.42	0.84	1.35	0.80				
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Methylcyclopentane	0.21	0.95	0.55	1.04	0.60	1.11	0.64	0.94	0.54	0.80	0.47				
2,4-Dimethylpentane	0.22	0.80	0.41	0.99	0.50	1.05	0.53	0.88	0.45	0.75	0.38				
Benzene	0.18	2.13	1.14	1.96	1.05	1.91	1.03	1.72	0.92	1.71	0.92				
Cyclohexane	0.16	1.61	0.93	1.48	0.86	1.65	0.95	1.34	0.78	1.06	0.61				
2-Methylhexane	0.21	0.62	0.37	1.19	0.70	1.21	0.71	1.26	0.74	1.11	0.65				
2,3-Dimethylpentane	0.28	1.16	0.68	1.60	0.94	1.61	0.95	1.50	0.89	1.25	0.74				
3-Methylhexane	0.17	0.76	0.45	0.73	0.43	0.64	0.38	0.79	0.46	0.58	0.34				
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	0.26	U	0.15			
2,2,4-Trimethylpentane	0.19	1.57	0.93	1.84	1.08	1.77	1.04	1.69	0.99	1.29	0.76				
n-Heptane	0.23	1.16	0.69	0.93	0.55	0.91	0.54	1.06	0.62	1.01	0.59				
Methylcyclohexane	0.25	0.72	0.42	0.89	0.51	0.88	0.51	1.09	0.63	1.14	0.66				
2,2,3-Trimethylpentane	0.25	0.21	U	0.12	0.25	0.15	0.21	U	0.12	0.19	U	0.11	0.18	U	0.10
2,3,4-Trimethylpentane	0.20	0.60	0.35	0.77	0.46	0.70	0.41	0.65	0.38	0.63	0.37				
Toluene	0.20	3.78	2.05	4.51	2.45	4.68	2.54	5.77	3.13	6.69	3.63				
2-Methylheptane	0.17	0.57	0.33	0.53	0.31	0.49	0.29	0.49	0.29	0.53	0.31				
3-Methylheptane	0.20	0.67	0.39	0.44	0.26	0.51	0.30	0.47	0.28	0.47	0.27				
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.16	U	0.09			
n-Octane	0.21	0.81	0.48	0.66	0.39	0.66	0.39	0.67	0.39	0.64	0.38				
Ethylbenzene	0.21	0.73	0.43	0.85	0.51	0.92	0.55	0.83	0.50	1.01	0.60				
m-Xylene/p-Xylene	0.16	1.90	1.04	2.45	1.34	2.72	1.49	2.45	1.34	2.87	1.57				
Styrene	0.20	0.33	0.18	0.52	0.28	0.50	0.27	0.48	0.26	0.59	0.32				
o-Xylene	0.19	0.71	0.39	0.89	0.49	0.90	0.49	0.85	0.46	0.94	0.52				
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	0.18	U	0.10			
n-Nonane	0.11	0.54	0.31	0.37	0.22	0.43	0.25	0.42	0.25	0.49	0.29				
Isopropylbenzene	0.18	0.22	0.12	0.29	0.16	0.34	0.19	0.25	0.14	0.29	0.16				
a-Pinene	0.18	ND	ND	0.43	0.24	0.48	0.27	0.68	0.38	0.79	0.44				
n-Propylbenzene	0.21	0.41	0.23	0.37	0.20	0.42	0.23	0.38	0.21	0.39	0.22				
m-Ethyltoluene	0.15	0.61	0.34	0.65	0.36	0.75	0.41	0.51	0.28	0.61	0.34				
p-Ethyltoluene	0.19	0.74	0.40	0.55	0.30	0.61	0.33	0.42	0.23	0.61	0.33				
1,3,5-Trimethylbenzene	0.18	0.39	0.22	0.30	0.16	0.36	0.20	0.35	0.19	0.35	0.19				
o-Ethyltoluene	0.22	0.54	0.30	0.54	0.30	0.54	0.30	0.47	0.26	0.55	0.30				
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	0.20	U	0.11	0.27	0.15			
1,2,4-Trimethylbenzene	0.21	0.66	0.36	0.72	0.40	0.71	0.39	0.89	0.49	0.87	0.48				
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Decane	0.25	0.55	0.32	0.57	0.34	1.16	0.68	0.64	0.38	2.00	1.18				
1,2,3-Trimethylbenzene	0.19	0.75	0.41	0.46	0.25	0.46	0.25	0.31	0.17	0.30	0.16				
m-Diethylbenzene	0.20	0.77	0.43	0.51	0.28	0.79	0.44	0.46	0.26	0.56	0.31				
p-Diethylbenzene	0.22	0.46	0.25	0.42	0.23	0.35	0.19	0.25	0.14	0.30	0.17				
1-Undecene	0.22	0.40	0.23	0.30	0.17	0.27	0.15	0.28	0.16	0.18	U	0.10			
n-Undecane	0.24	2.67	1.57	1.64	0.96	1.64	0.96	1.29	0.76	1.18	0.69				
1-Dodecene	0.24	0.17	U	0.10	0.36	U	0.21	0.43	U	0.28	0.47	U	0.27		
n-Dodecane	0.49	0.44	U	0.26	0.69	0.40	0.77	0.45	0.67	0.39	0.81	0.47			
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
TNMOC (speciated)		79.91	46.61	96.68	56.55	97.19	56.79	97.23	56.80	94.89	55.30				
TNMOC, ppbC (w/ unknowns)		161.53	161.53	162.88	162.88	163.28	163.28	146.89	146.89	153.62	153.62				

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

Bountiful, UT (BOUT) 2003 UATMP SNMOC Final Data Report

Sample No.:		BOUT 33423		BOUT 33425		BOUT 33506		BOUT 33606		BOUT 33755	
Sampling Date:		5/21/2003		5/27/2003		6/3/2003		6/8/2003		6/14/2003	
Analysis Date:		6/17/2003		6/24/2003		6/25/2003		6/25/2003		6/26/2003	
Filename:		L3FQ007		L3FX011		L3FX017		L3FX024		L3FZ009	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	3.84	2.22	3.83	2.22	2.82	1.63	3.02	1.75	2.20	1.27
Acetylene	0.11	2.41	1.30	2.09	1.12	1.91	1.02	1.48	0.79	1.84	0.99
Ethane	0.17	9.27	5.75	10.34	6.41	9.99	6.20	9.16	5.68	7.22	4.48
Propylene	0.11	2.39	1.39	2.59	1.50	1.79	1.04	2.11	1.22	1.45	0.84
Propane	0.19	16.45	9.98	18.23	11.05	31.38	19.03	29.96	18.17	18.25	11.07
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	12.47	7.47	12.80	7.68	14.71	8.82	24.08	14.44	5.38	3.23
Isobutene/1-Butene	0.17	2.22	1.28	2.59	1.50	1.90	1.10	2.55	1.47	2.84	1.65
1,3-Butadiene	0.17	0.19	0.11	0.15	U 0.09	ND	ND	ND	ND	ND	ND
n-Butane	0.17	14.07	8.43	19.23	11.53	20.86	12.50	36.59	21.93	9.68	5.80
trans-2-Butene	0.17	0.59	0.34	0.72	0.42	0.45	0.26	0.53	0.31	0.47	0.27
cis-2-Butene	0.16	0.73	0.42	0.73	0.42	0.68	0.40	0.70	0.41	0.61	0.35
3-Methyl-1-butene	0.16	0.16	U 0.09	0.26	0.15	ND	ND	0.18	U 0.10	ND	ND
Isopentane	0.19	10.74	6.39	18.76	11.17	12.15	7.24	19.80	11.79	13.03	7.75
1-Pentene	0.20	0.77	0.44	1.07	0.62	0.85	0.49	0.80	0.46	1.01	0.59
2-Methyl-1-butene	0.20	0.51	0.30	0.73	0.42	0.47	0.27	0.58	0.33	0.43	0.25
n-Pentane	0.19	5.22	3.11	10.68	6.36	6.00	3.57	10.92	6.50	7.45	4.43
Isoprene	0.20	0.89	0.50	2.17	1.22	2.25	1.26	2.12	1.19	2.31	1.30
trans-2-Pentene	0.21	0.69	0.41	0.94	0.56	0.74	0.44	0.80	0.48	0.84	0.50
cis-2-Pentene	0.22	0.64	0.38	0.78	0.46	0.66	0.39	0.61	0.36	0.68	0.40
2-Methyl-2-butene	0.22	0.38	0.22	0.66	0.38	0.37	0.21	0.37	0.21	0.35	0.20
2,2-Dimethylbutane	0.20	0.85	0.50	1.07	0.64	0.92	0.55	1.13	0.67	0.95	0.56
Cyclopentene	0.20	0.22	U 0.12	0.71	0.40	0.27	0.15	0.19	U 0.11	0.49	0.28
4-Methyl-1-pentene	0.20	0.77	0.44	1.16	0.67	0.54	0.31	0.68	0.40	0.62	0.36
Cyclopentane	0.20	1.02	0.59	1.34	0.78	0.96	0.55	1.50	0.87	1.00	0.58
2,3-Dimethylbutane	0.20	1.45	0.86	2.00	1.18	1.47	0.87	1.92	1.14	1.58	0.94
2-Methylpentane	0.13	2.33	1.38	4.03	2.39	2.75	1.63	3.92	2.32	3.06	1.81
3-Methylpentane	0.22	3.45	2.05	4.80	2.84	4.01	2.38	4.33	2.56	4.72	2.80
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	1.12	0.66	1.39	0.82	1.05	0.62	1.07	0.64	1.40	0.83
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.17	1.28	3.91	2.32	2.61	1.55	3.79	2.25	2.96	1.75
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.24	0.72	1.93	1.12	1.38	0.80	2.00	1.16	1.61	0.93
2,4-Dimethylpentane	0.22	1.37	0.69	2.77	1.41	1.27	0.65	1.54	0.78	1.20	0.61
Benzene	0.18	2.52	1.35	3.32	1.78	2.82	1.51	2.80	1.50	2.98	1.60
Cyclohexane	0.16	1.48	0.86	2.37	1.37	1.83	1.06	2.42	1.40	1.61	0.93
2-Methylhexane	0.21	1.24	0.73	1.70	1.00	1.51	0.89	1.66	0.98	1.55	0.92
2,3-Dimethylpentane	0.28	1.93	1.14	2.92	1.72	2.08	1.23	2.31	1.36	2.11	1.25
3-Methylhexane	0.17	0.77	0.45	ND	ND	2.04	1.21	3.23	1.91	2.34	1.38
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	0.23	U 0.13
2,2,4-Trimethylpentane	0.19	2.56	1.51	3.96	2.33	3.18	1.87	3.32	1.95	2.66	1.57
n-Heptane	0.23	1.11	0.65	1.63	0.96	1.23	0.73	1.61	0.95	1.25	0.74
Methylcyclohexane	0.25	1.07	0.62	1.70	0.99	1.09	0.63	1.63	0.94	1.19	0.69
2,2,3-Trimethylpentane	0.25	0.40	0.24	0.31	0.18	0.36	0.21	0.47	0.27	0.28	0.16
2,3,4-Trimethylpentane	0.20	0.99	0.59	1.47	0.87	1.06	0.62	0.99	0.58	0.92	0.54
Toluene	0.20	5.47	2.97	8.18	4.44	6.42	3.49	6.18	3.36	6.59	3.58
2-Methylheptane	0.17	0.74	0.44	0.90	0.53	0.63	0.37	0.82	0.48	0.68	0.40
3-Methylheptane	0.20	0.49	0.29	0.80	0.47	0.67	0.39	0.53	0.31	0.61	0.36
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.64	0.38	0.95	0.56	0.69	0.40	0.91	0.54	0.75	0.44
Ethylbenzene	0.21	1.03	0.62	1.30	0.78	1.07	0.64	0.95	0.57	1.02	0.61
m-Xylene/p-Xylene	0.16	3.12	1.71	3.82	2.09	3.20	1.75	2.79	1.53	3.09	1.69
Styrene	0.20	0.41	0.22	0.45	0.24	0.54	0.29	0.38	0.20	0.37	0.20
o-Xylene	0.19	1.05	0.57	1.23	0.67	1.24	0.68	0.87	0.48	1.02	0.56
1-Nonene	0.19	ND	ND	0.27	0.16	0.28	0.16	ND	ND	ND	ND
n-Nonane	0.11	0.44	0.26	0.59	0.35	0.37	0.22	0.57	0.33	0.53	0.31
Isopropylbenzene	0.18	0.27	0.15	0.35	0.19	0.37	0.20	0.37	0.20	0.35	0.19
a-Pinene	0.18	ND	ND	0.54	0.30	ND	ND	0.28	0.16	0.41	0.23
n-Propylbenzene	0.21	0.31	0.17	0.50	0.27	0.48	0.26	0.57	0.31	0.60	0.33
m-Ethyltoluene	0.15	0.56	0.31	0.85	0.47	0.83	0.45	0.75	0.41	0.91	0.50
p-Ethyltoluene	0.19	0.48	0.26	0.69	0.38	0.78	0.43	0.64	0.35	0.64	0.35
1,3,5-Trimethylbenzene	0.18	0.20	0.11	0.28	0.16	0.37	0.21	0.28	0.16	0.35	0.19
o-Ethyltoluene	0.22	0.54	0.30	0.64	0.35	0.60	0.33	0.82	0.45	0.71	0.39
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.65	0.36	1.11	0.61	1.07	0.59	0.83	0.46	1.17	0.65
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	4.28	2.51	0.66	0.38	0.21	U 0.12	0.76	0.45	0.71	0.42
1,2,3-Trimethylbenzene	0.19	0.26	0.14	0.50	0.27	0.86	0.47	0.82	0.45	0.94	0.52
m-Diethylbenzene	0.20	0.24	0.13	1.15	0.64	0.64	0.36	0.64	0.36	0.48	0.26
p-Diethylbenzene	0.22	0.18	U 0.10	0.42	0.23	0.43	0.24	0.42	0.23	0.49	0.27
1-Undecene	0.22	ND	ND	0.40	0.23	0.45	0.26	0.40	0.23	0.73	0.42
n-Undecane	0.24	0.36	0.21	1.22	0.72	2.48	1.45	2.01	1.18	2.99	1.75
1-Dodecene	0.24	0.15	U 0.09	0.24	U 0.14	0.19	U 0.11	ND	ND	0.32	U 0.18
n-Dodecane	0.49	0.54	0.31	0.63	0.37	0.62	0.36	0.63	0.37	0.57	0.34
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		137.03	80.55	182.45	107.03	169.87	100.13	213.06	125.90	139.78	81.88
TNMOC, ppbC (w/ unknowns)		243.54	243.54	355.09	355.09	264.43	264.43	323.38	323.38	235.44	235.44

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

Bountiful, UT (BOUT) 2003 UATMP SNMOC Final Data Report

Sample No.:		BOUT 33971	
Sampling Date:		6/20/2003	
Analysis Date:		7/9/2003	
Filename:		L3GH022	
	MDL	ppbC	ug/m ³
Ethylene	0.15	2.82	1.63
Acetylene	0.11	2.78	1.49
Ethane	0.17	5.52	3.42
Propylene	0.11	1.80	1.04
Propane	0.19	9.07	5.50
Propyne	0.19	ND	ND
Isobutane	0.14	4.72	2.83
Isobutene/1-Butene	0.17	2.12	1.23
1,3-Butadiene	0.17	ND	ND
n-Butane	0.17	6.97	4.18
trans-2-Butene	0.17	0.73	0.42
cis-2-Butene	0.16	0.98	0.56
3-Methyl-1-butene	0.16	ND	ND
Isopentane	0.19	7.33	4.37
1-Pentene	0.20	0.84	0.48
2-Methyl-1-butene	0.20	0.37	0.21
n-Pentane	0.19	3.92	2.33
Isoprene	0.20	2.54	1.43
trans-2-Pentene	0.21	0.91	0.54
cis-2-Pentene	0.22	0.92	0.55
2-Methyl-2-butene	0.22	0.36	0.21
2,2-Dimethylbutane	0.20	1.16	0.69
Cyclopentene	0.20	0.29	0.16
4-Methyl-1-pentene	0.20	0.37	0.21
Cyclopentane	0.20	0.91	0.52
2,3-Dimethylbutane	0.20	1.67	0.99
2-Methylpentane	0.13	1.89	1.12
3-Methylpentane	0.22	2.76	1.63
2-Methyl-1-pentene	0.22	ND	ND
1-Hexene	0.32	1.63	0.96
2-Ethyl-1-butene	0.22	ND	ND
n-Hexane	0.21	1.94	1.15
trans-2-Hexene	0.21	ND	ND
cis-2-Hexene	0.21	ND	ND
Methylcyclopentane	0.21	1.29	0.74
2,4-Dimethylpentane	0.22	1.32	0.67
Benzene	0.18	2.42	1.30
Cyclohexane	0.16	2.31	1.34
2-Methylhexane	0.21	1.49	0.88
2,3-Dimethylpentane	0.28	2.05	1.21
3-Methylhexane	0.17	1.74	1.03
1-Heptene	0.17	ND	ND
2,2,4-Trimethylpentane	0.19	1.89	1.11
n-Heptane	0.23	1.05	0.62
Methylcyclohexane	0.25	1.14	0.66
2,2,3-Trimethylpentane	0.25	0.24	0.14
2,3,4-Trimethylpentane	0.20	0.88	0.52
Toluene	0.20	11.67	6.34
2-Methylheptane	0.17	0.82	0.48
3-Methylheptane	0.20	0.64	0.38
1-Octene	0.20	ND	ND
n-Octane	0.21	0.79	0.47
Ethylbenzene	0.21	1.09	0.65
m-Xylene/p-Xylene	0.16	2.71	1.48
Styrene	0.20	0.60	0.32
o-Xylene	0.19	1.17	0.64
1-Nonene	0.19	ND	ND
n-Nonane	0.11	0.55	0.32
Isopropylbenzene	0.18	0.65	0.36
a-Pinene	0.18	ND	ND
n-Propylbenzene	0.21	0.63	0.35
m-Ethyltoluene	0.15	0.76	0.42
p-Ethyltoluene	0.19	1.09	0.60
1,3,5-Trimethylbenzene	0.18	0.51	0.28
o-Ethyltoluene	0.22	0.78	0.43
b-Pinene	0.22	ND	ND
1,2,4-Trimethylbenzene	0.21	0.92	0.50
1-Decene	0.21	ND	ND
n-Decane	0.25	0.79	0.46
1,2,3-Trimethylbenzene	0.19	1.05	0.58
m-Diethylbenzene	0.20	0.85	0.47
p-Diethylbenzene	0.22	0.98	0.54
1-Undecene	0.22	0.41	0.23
n-Undecane	0.24	2.95	1.73
1-Dodecene	0.24	ND	ND
n-Dodecane	0.49	0.92	0.54
1-Tridecene	0.49	ND	ND
n-Tridecane	0.49	ND	ND
TNMOC (speciated)		118.40	68.66
TNMOC, ppbC (w/ unknowns)		225.26	225.26

* Should be considered an estimate - the 2/27/03 QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

U Under detection limit.

Bonne Terre, MO (BTMO) 2003 UATMP SNMOC Final Data Report

Sample No.:		BTMO 31535			BTMO 31524			BTMO 31523
Sampling Date:		1/3/2003			1/9/2003			1/12/2003
Analysis Date:		1/21/2003			1/21/2003			
Filename:		L3AT016			L3AT017			VOID
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	
Ethylene	0.15	1.97	0.98	1.14	2.37	1.19	1.37	
Acetylene	0.11	1.42	0.71	0.76	1.61	0.80	0.86	
Ethane	0.17	9.13	4.56	5.66	11.55	5.78	7.17	
Propylene	0.11	0.89	0.30	0.51	0.78	0.26	0.45	
Propane	0.19	7.00	2.33	4.25	10.04	3.35	6.09	
Propyne	0.19	ND	ND	ND	ND	ND	ND	
Isobutane	0.14	10.96	2.74	6.57	2.56	0.64	1.53	
Isobutene/1-Butene	0.17	0.67	0.17	0.39	1.05	0.26	0.61	
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	
n-Butane	0.17	4.16	1.04	2.49	6.21	1.55	3.72	
trans-2-Butene	0.17	ND	ND	ND	ND	ND	ND	
cis-2-Butene	0.16	ND	ND	ND	ND	ND	ND	
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	
Isopentane	0.19	5.06	1.01	3.01	3.79	0.76	2.26	
1-Pentene	0.20	ND	ND	ND	ND	ND	ND	
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	
n-Pentane	0.19	1.70	0.34	1.01	2.21	0.44	1.31	
Isoprene	0.20	2.05	0.41	1.15	ND	ND	ND	
trans-2-Pentene	0.21	ND	ND	ND	ND	ND	ND	
cis-2-Pentene	0.22	ND	ND	ND	ND	ND	ND	
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	
2,2-Dimethylbutane	0.20	ND	ND	ND	ND	ND	ND	
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	
Cyclopentane	0.20	0.39	0.08	0.22	0.39	0.08	0.22	
2,3-Dimethylbutane	0.20	0.26	0.04	0.16	0.20	0.03	0.12	
2-Methylpentane	0.13	0.63	0.11	0.38	0.89	0.15	0.53	
3-Methylpentane	0.22	1.07	0.18	0.64	1.41	0.23	0.83	
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	
1-Hexene	0.32	ND	ND	ND	ND	ND	ND	
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	
n-Hexane	0.21	0.71	0.12	0.42	0.83	0.14	0.49	
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	
cis-2-Hexene	0.21	ND	ND	ND	1.45	0.24	0.86	
Methylcyclopentane	0.21	0.32	0.05	0.18	0.44	0.07	0.25	
2,4-Dimethylpentane	0.22	ND	ND	ND	ND	ND	ND	
Benzene	0.18	1.50	0.25	0.81	1.38	0.23	0.74	
Cyclohexane	0.16	0.38	0.06	0.22	0.45	0.07	0.26	
2-Methylhexane	0.21	0.69	0.10	0.41	ND	ND	ND	
2,3-Dimethylpentane	0.28	0.45	0.06	0.26	ND	ND	ND	
3-Methylhexane	0.17	1.50	0.21	0.89	1.12	0.16	0.66	
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	
2,2,4-Trimethylpentane	0.19	0.51	0.06	0.30	0.26	0.03	0.16	
n-Heptane	0.23	0.74	0.11	0.43	0.39	0.06	0.23	
Methylcyclohexane	0.25	0.32	0.05	0.18	0.28	0.04	0.16	
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	
2,3,4-Trimethylpentane	0.20	ND	ND	ND	ND	ND	ND	
Toluene	0.20	6.37	0.91	3.46	1.58	0.23	0.86	
2-Methylheptane	0.17	0.22	0.03	0.13	ND	ND	ND	
3-Methylheptane	0.20	0.21	0.03	0.12	ND	ND	ND	
1-Octene	0.20	ND	ND	ND	ND	ND	ND	
n-Octane	0.21	0.57	0.07	0.34	0.27	0.03	0.16	
Ethylbenzene	0.21	0.55	0.07	0.33	0.31	0.04	0.18	
m-Xylene/p-Xylene	0.16	1.38	0.17	0.75	0.65	0.08	0.36	
Styrene	0.20	0.49	0.06	0.26	ND	ND	ND	
o-Xylene	0.19	0.49	0.06	0.27	0.21	0.03	0.11	
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	
n-Nonane	0.11	0.26	0.03	0.15	0.20	0.02	0.12	
Isopropylbenzene	0.18	ND	ND	ND	ND	ND	ND	
a-Pinene	0.18	0.73	0.07	0.41	0.20	0.02	0.11	
n-Propylbenzene	0.21	ND	ND	ND	ND	ND	ND	
m-Ethyltoluene	0.15	ND	ND	ND	ND	ND	ND	
p-Ethyltoluene	0.19	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	0.18	ND	ND	ND	ND	ND	ND	
o-Ethyltoluene	0.22	ND	ND	ND	ND	ND	ND	
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	0.21	0.25	0.03	0.14	ND	ND	ND	
1-Decene	0.21	ND	ND	ND	ND	ND	ND	
n-Decane	0.25	0.23	0.02	0.13	ND	ND	ND	
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	ND	ND	ND	
m-Diethylbenzene	0.20	ND	ND	ND	ND	ND	ND	
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	
n-Undecane	0.24	0.25	0.02	0.15	0.23	0.02	0.14	
1-Dodecene	0.24	1.93	0.16	1.12	ND	ND	ND	
n-Dodecane	0.49	0.60	0.05	0.35	0.19	0.02	0.11	
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	
TNMOC (specified)		68.97	17.86	40.55	55.45	17.04	33.02	
TNMOC, ppbC (w/ unknowns)		183.66	183.66	183.66	121.59	121.59	121.59	

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 31579				BTMO 31653			BTMO 31715 D1							
Sampling Date:		1/15/2003				1/21/2003			1/27/2003							
Analysis Date:		2/14/2003				2/19/2003			2/20/2003							
Filename:		N3BN009				N3BS010			N3BS017							
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³				
Ethylene	0.15	2.84	1.42	1.64		1.75	0.87	1.01		2.40	1.20	1.39				
Acetylene	0.11	1.91	0.95	1.02		1.52	0.76	0.82		2.31	1.15	1.24				
Ethane	0.17	5.69	2.84	3.53		5.61	2.81	3.48		6.88	3.44	4.27				
Propylene	0.11	1.00	0.33	0.58		0.49	0.16	0.29		0.81	0.27	0.47				
Propane	0.19	6.68	2.23	4.05		5.58	1.86	3.38		6.70	2.23	4.06				
Propyne	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND				
Isobutane	0.14	2.74	0.69	1.64		5.11	1.28	3.06		2.50	0.62	1.50				
Isobutene/1-Butene	0.17	1.58	0.40	0.91		0.79	0.20	0.46		1.65	0.41	0.96				
1,3-Butadiene	0.17	0.11	U	0.03	U	0.06	ND	ND		ND	ND	ND				
n-Butane	0.17	2.40	0.60	1.44		2.70	0.68	1.62		3.52	0.88	2.11				
trans-2-Butene	0.17	ND	ND	ND		0.13	U	0.03	U	0.07	0.16	U	0.04	U	0.09	
cis-2-Butene	0.16	0.11	U	0.03	U	0.06	0.14	U	0.04	U	0.08	0.20	U	0.05	U	0.12
3-Methyl-1-butene	0.16	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.76	0.55	1.64		5.55	1.11	3.30		4.70	0.94	2.80				
1-Pentene	0.20	0.14	U	0.03	U	0.08	ND	ND		ND	0.15	U	0.03	U	0.09	
2-Methyl-1-butene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Pentane	0.19	1.10	0.22	0.65		1.37	0.27	0.81		2.06	0.41	1.23				
Isoprene	0.20	0.17	U	0.03	U	0.10	2.11	0.42	1.19		0.27	0.05	0.15			
trans-2-Pentene	0.21	0.10	U	0.02	U	0.06	0.12	U	0.02	U	0.07	0.26	0.05	0.16		
cis-2-Pentene	0.22	ND	ND	ND		0.13	U	0.03	U	0.08	0.21	U	0.04	U	0.12	
2-Methyl-2-butene	0.22	0.12	U	0.02	U	0.07	ND	ND		ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.16	U	0.03	U	0.09	0.28	0.05	0.17		0.44	0.07	0.26			
Cyclopentene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.18	U	0.04	U	0.10	0.43	0.09	0.25		0.53	0.11	0.31			
2,3-Dimethylbutane	0.20	0.17	U	0.03	U	0.10	0.32	0.05	0.19		0.73	0.12	0.43			
2-Methylpentane	0.13	0.43	0.07	0.26		0.46	0.08	0.27		1.46	0.24	0.86				
3-Methylpentane	0.22	0.87	0.14	0.51		0.39	0.07	0.23		1.06	0.18	0.63				
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.30	U	0.05	U	0.18	0.33	0.05	0.19		0.55	0.09	0.32			
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.61	0.10	0.36		0.63	0.11	0.37		4.44	0.74	2.63				
trans-2-Hexene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.21	0.04	0.12		0.28	0.05	0.16		0.64	0.11	0.37				
2,4-Dimethylpentane	0.22	0.14	U	0.02	U	0.07	0.18	U	0.03	U	0.09	0.26	0.04	0.13		
Benzene	0.18	1.76	0.29	0.94		1.47	0.24	0.79		1.79	0.30	0.96				
Cyclohexane	0.16	0.18	0.03	0.10		0.32	0.05	0.18		1.34	0.22	0.78				
2-Methylhexane	0.21	0.27	0.04	0.16		0.42	0.06	0.25		1.22	0.17	0.72				
2,3-Dimethylpentane	0.28	0.28	U	0.04	U	0.16	0.45	0.06	0.27		1.00	0.14	0.59			
3-Methylhexane	0.17	0.28	0.04	0.16		0.28	0.04	0.16		1.03	0.15	0.61				
1-Heptene	0.17	0.12	U	0.02	U	0.07	ND	ND		ND	0.34	0.05	0.20			
2,2,4-Trimethylpentane	0.19	0.31	0.04	0.18		0.55	0.07	0.33		0.42	0.05	0.25				
n-Heptane	0.23	0.36	0.05	0.21		0.35	0.05	0.20		0.60	0.09	0.36				
Methylcyclohexane	0.25	0.13	U	0.02	U	0.07	0.29	0.04	0.17		0.33	0.05	0.19			
2,2,3-Trimethylpentane	0.25	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.17	U	0.02	U	0.10	0.30	0.04	0.18		0.36	0.05	0.21			
Toluene	0.20	1.47	0.21	0.80		1.42	0.20	0.77		13.06	1.87	7.09				
2-Methylheptane	0.17	ND	ND	ND		0.17	0.02	0.10		0.34	0.04	0.20				
3-Methylheptane	0.20	0.12	U	0.01	U	0.07	0.21	0.03	0.12		0.20	0.03	0.12			
1-Octene	0.20	0.24	0.03	0.14		ND	ND	ND		0.75	0.09	0.43				
n-Octane	0.21	0.23	0.03	0.13		0.37	0.05	0.22		0.56	0.07	0.33				
Ethylbenzene	0.21	0.27	0.03	0.16		0.39	0.05	0.23		0.50	0.06	0.30				
m-Xylene/p-Xylene	0.16	0.53	0.07	0.29		0.63	0.08	0.35		1.22	0.15	0.67				
Styrene	0.20	0.31	0.04	0.16		0.24	0.03	0.13		0.32	0.04	0.17				
o-Xylene	0.19	0.25	0.03	0.14		0.36	0.05	0.20		0.46	0.06	0.25				
1-Nonene	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.16	0.02	0.09		0.19	0.02	0.11		0.62	0.07	0.37				
Isopropylbenzene	0.18	0.13	U	0.01	U	0.07	0.24	0.03	0.13		0.42	0.05	0.23			
a-Pinene	0.18	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.18	U	0.02	U	0.10	0.28	0.03	0.16		0.28	0.03	0.16			
m-Ethyltoluene	0.15	0.26	0.03	0.14		0.15	0.02	0.08		0.28	0.03	0.15				
p-Ethyltoluene	0.19	0.10	U	0.01	U	0.06	0.18	U	0.02	U	0.10	0.22	0.02	0.12		
1,3,5-Trimethylbenzene	0.18	ND	ND	ND		0.13	U	0.01	U	0.07	0.27	0.03	0.15			
o-Ethyltoluene	0.22	0.12	U	0.01	U	0.06	0.16	U	0.02	U	0.09	0.23	0.03	0.12		
b-Pinene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.16	U	0.02	U	0.09	0.18	U	0.02	U	0.10	0.54	0.06	0.30		
1-Decene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.25	U	0.02	U	0.15	0.39	0.04	0.23		0.91	0.09	0.53			
1,2,3-Trimethylbenzene	0.19	ND	ND	ND		0.11	U	0.01	U	0.06	0.12	U	0.01	U	0.07	
m-Diethylbenzene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
1-Undecene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.27	0.02	0.16		0.14	U	0.01	U	0.08	0.59	0.05	0.35			
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.19	U	0.02	U	0.11	ND	ND		ND	0.48	U	0.04	U	0.28	
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		41.56	12.13	24.43		46.75	12.48	27.50		75.69	17.72	43.94				
TNMOC, ppbC (w/ unknowns)		54.83	54.83	54.83		85.60	85.60	85.60		104.47	104.47	104.47				

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 31715 R1			BTMO 31716 D2			BTMO 31716 R2		
Sampling Date:		1/27/2003			1/27/2003			1/27/2003		
Analysis Date:		2/27/2003			2/20/2003			2/27/2003		
Filename:		N3B-005			N3BS018			N3B-006		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.39 *	1.19 *	1.38	2.34	1.17	1.36	2.25 *	1.13 *	1.30
Acetylene	0.11	2.28	1.14	1.22	2.10	1.05	1.13	2.12	1.06	1.14
Ethane	0.17	6.79	3.40	4.21	6.79	3.39	4.21	6.71	3.35	4.16
Propylene	0.11	0.80	0.27	0.46	0.87	0.29	0.50	0.83	0.28	0.48
Propane	0.19	6.60	2.20	4.00	6.30	2.10	3.82	6.23	2.08	3.78
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.46	0.61	1.47	2.11	0.53	1.27	2.08	0.52	1.25
Isobutene/1-Butene	0.17	1.02	0.25	0.59	1.26	0.32	0.73	1.13	0.28	0.65
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	3.47	0.87	2.08	3.34	0.83	2.00	3.36	0.84	2.02
trans-2-Butene	0.17	0.10 U	0.03 U	0.06	0.17	0.04	0.10	0.11 U	0.03 U	0.06
cis-2-Butene	0.16	0.12 U	0.03 U	0.07	0.21	0.05	0.12	0.13 U	0.03 U	0.07
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	4.15	0.83	2.47	4.29	0.86	2.56	3.94	0.79	2.34
1-Pentene	0.20	0.31	0.06	0.18	0.32	0.06	0.18	0.28	0.06	0.16
2-Methyl-1-butene	0.20	0.11 U	0.02 U	0.06	ND	ND	ND	0.12 U	0.02 U	0.07
n-Pentane	0.19	1.87	0.37	1.12	2.14	0.43	1.27	2.08	0.42	1.24
Isoprene	0.20	0.19 U	0.04 U	0.11	0.25	0.05	0.14	0.17 U	0.03 U	0.10
trans-2-Pentene	0.21	0.20 U	0.04 U	0.12	0.28	0.06	0.16	0.15 U	0.03 U	0.09
cis-2-Pentene	0.22	0.16 U	0.03 U	0.09	0.21 U	0.04 U	0.12	0.30	0.06	0.18
2-Methyl-2-butene	0.22	0.12 U	0.02 U	0.07	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.38	0.06	0.23	0.25	0.04	0.15	0.15 U	0.03 U	0.09
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.27	0.05	0.16	0.25	0.05	0.14	0.34	0.07	0.20
2,3-Dimethylbutane	0.20	0.44	0.07	0.26	0.46	0.08	0.27	0.26	0.04	0.15
2-Methylpentane	0.13	1.56	0.26	0.92	0.59	0.10	0.35	0.67	0.11	0.40
3-Methylpentane	0.22	0.93	0.16	0.55	0.70	0.12	0.41	0.55	0.09	0.32
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.45	0.08	0.27	0.60	0.10	0.36	0.47	0.08	0.28
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.78	0.30	1.06	1.71	0.29	1.02	2.02	0.34	1.20
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.59	0.10	0.34	0.58	0.10	0.34	0.57	0.09	0.33
2,4-Dimethylpentane	0.22	0.28	0.04	0.14	0.27	0.04	0.14	0.25	0.04	0.12
Benzene	0.18	1.78	0.30	0.96	1.73	0.29	0.93	1.78	0.30	0.95
Cyclohexane	0.16	1.31	0.22	0.76	1.33	0.22	0.77	1.27	0.21	0.73
2-Methylhexane	0.21	0.73	0.10	0.43	1.07	0.15	0.63	0.64	0.09	0.38
2,3-Dimethylpentane	0.28	0.66	0.09	0.39	0.84	0.12	0.50	0.53	0.08	0.31
3-Methylhexane	0.17	2.21	0.32	1.31	0.56	0.08	0.33	1.61	0.23	0.95
1-Heptene	0.17	0.46	0.07	0.27	0.20 U	0.03 U	0.12	0.36	0.05	0.21
2,2,4-Trimethylpentane	0.19	0.38	0.05	0.22	0.38	0.05	0.22	0.20	0.02	0.12
n-Heptane	0.23	0.64	0.09	0.38	0.90	0.13	0.53	0.55	0.08	0.33
Methylcyclohexane	0.25	0.34	0.05	0.19	0.27	0.04	0.15	0.38	0.05	0.22
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.37	0.05	0.22	0.33	0.04	0.19	0.41	0.05	0.24
Toluene	0.20	13.09	1.87	7.11	12.45	1.78	6.76	12.59	1.80	6.84
2-Methylheptane	0.17	0.22	0.03	0.13	0.26	0.03	0.15	0.22	0.03	0.13
3-Methylheptane	0.20	0.19 U	0.02 U	0.11	0.33	0.04	0.19	0.23	0.03	0.14
1-Octene	0.20	0.76	0.09	0.44	0.48	0.06	0.28	0.48	0.06	0.28
n-Octane	0.21	0.53	0.07	0.31	0.48	0.06	0.28	0.42	0.05	0.25
Ethylbenzene	0.21	0.52	0.07	0.31	0.47	0.06	0.28	0.41	0.05	0.24
m-Xylene/p-Xylene	0.16	1.22	0.15	0.67	0.98	0.12	0.53	0.94	0.12	0.51
Styrene	0.20	0.23	0.03	0.13	0.17 U	0.02 U	0.09	0.16 U	0.02 U	0.08
o-Xylene	0.19	0.55	0.07	0.30	0.37	0.05	0.20	0.38	0.05	0.21
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.58	0.06	0.34	0.26	0.03	0.15	0.25	0.03	0.14
Isopropylbenzene	0.18	0.35	0.04	0.19	0.28	0.03	0.15	0.29	0.03	0.16
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.22	0.02	0.12	0.20 U	0.02 U	0.11	0.18 U	0.02 U	0.10
m-Ethyltoluene	0.15	0.27	0.03	0.15	0.17	0.02	0.09	0.25	0.03	0.14
p-Ethyltoluene	0.19	0.22	0.02	0.12	0.16 U	0.02 U	0.09	0.18 U	0.02 U	0.10
1,3,5-Trimethylbenzene	0.18	0.20	0.02	0.11	0.12 U	0.01 U	0.06	0.17 U	0.02 U	0.10
o-Ethyltoluene	0.22	0.21 U	0.02 U	0.12	0.15 U	0.02 U	0.08	0.16 U	0.02 U	0.09
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.57	0.06	0.31	0.29	0.03	0.16	0.38	0.04	0.21
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.80	0.08	0.47	0.21 U	0.02 U	0.12	0.35	0.03	0.20
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
m-Diethylbenzene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.49	0.04	0.28	ND	ND	ND	0.19 U	0.02 U	0.11
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.48 U	0.04 U	0.28	ND	ND	ND	ND	ND	ND
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		70.35	16.70	40.80	63.81	15.75	37.03	63.22	15.51	36.66
TNMOC, ppbC (w/ unknowns)		97.00	97.00	97.00	86.06	86.06	86.06	89.51	89.51	89.51

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 31805			BTMO 31884			BTMO 31974		
Sampling Date:		2/2/2003			2/8/2003			2/14/2003		
Analysis Date:		2/28/2003			3/8/2003			3/14/2003		
Filename:		L3B-016			N3CG018			L3CM013		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.11 *	2.05 *	2.38	2.90	1.45	1.68	2.40 *	1.20 *	1.39
Acetylene	0.11	3.25	1.63	1.75	1.78	0.89	0.96	1.97	0.98	1.06
Ethane	0.17	17.72	8.86	10.99	8.33	4.17	5.17	11.07	5.53	6.86
Propylene	0.11	1.42	0.47	0.82	1.09	0.36	0.63	0.70	0.23	0.41
Propane	0.19	13.85	4.62	8.40	7.99	2.66	4.85	9.73	3.24	5.90
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	9.57	2.39	5.73	1.62	0.40	0.97	2.28	0.57	1.37
Isobutene/1-Butene	0.17	5.93	1.48	3.43	1.76	0.44	1.02	0.95	0.24	0.55
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	7.92	1.98	4.75	3.77	0.94	2.26	4.31	1.08	2.59
trans-2-Butene	0.17	ND	ND	ND	0.12 U	0.03 U	0.07	ND	ND	ND
cis-2-Butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	11.19	2.24	6.66	3.36	0.67	2.00	4.05	0.81	2.41
1-Pentene	0.20	0.24	0.05	0.14	0.14 U	0.03 U	0.08	0.25	0.05	0.15
2-Methyl-1-butene	0.20	0.28	0.06	0.16	ND	ND	ND	ND	ND	ND
n-Pentane	0.19	3.66	0.73	2.18	1.36	0.27	0.81	1.79	0.36	1.07
Isoprene	0.20	5.52	1.10	3.10	0.13 U	0.03 U	0.07	0.14 U	0.03 U	0.08
trans-2-Pentene	0.21	ND	ND	ND	0.23	0.05	0.13	ND	ND	ND
cis-2-Pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methyl-2-butene	0.22	ND	ND	ND	0.11 U	0.02 U	0.06	ND	ND	ND
2,2-Dimethylbutane	0.20	0.43	0.07	0.25	0.23	0.04	0.13	0.44	0.07	0.26
Cyclopentene	0.20	0.26	0.05	0.14	ND	ND	ND	0.20 U	0.04 U	0.11
4-Methyl-1-pentene	0.20	1.70	0.28	0.98	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.40	0.08	0.23	0.17 U	0.03 U	0.10	0.32	0.06	0.19
2,3-Dimethylbutane	0.20	0.37	0.06	0.22	0.23	0.04	0.14	0.15 U	0.03 U	0.09
2-Methylpentane	0.13	1.45	0.24	0.86	0.48	0.08	0.29	0.69	0.12	0.41
3-Methylpentane	0.22	3.43	0.57	2.03	1.13	0.19	0.67	0.61	0.10	0.36
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.36	0.06	0.21	0.93	0.16	0.55	ND	ND	ND
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.31	0.22	0.78	0.63	0.11	0.37	0.82	0.14	0.49
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.60	0.10	0.35	0.31	0.05	0.18	0.28	0.05	0.16
2,4-Dimethylpentane	0.22	ND	ND	ND	0.17 U	0.02 U	0.09	ND	ND	ND
Benzene	0.18	2.39	0.40	1.28	1.79	0.30	0.96	1.64	0.27	0.88
Cyclohexane	0.16	0.57	0.09	0.33	0.32	0.05	0.19	0.38	0.06	0.22
2-Methylhexane	0.21	0.93	0.13	0.55	0.21	0.03	0.13	0.36	0.05	0.21
2,3-Dimethylpentane	0.28	1.57	0.22	0.93	0.20 U	0.03 U	0.12	0.19 U	0.03 U	0.11
3-Methylhexane	0.17	8.02	1.15	4.74	0.95	0.14	0.56	2.92	0.42	1.73
1-Heptene	0.17	0.22 U	0.03 U	0.13	0.14 U	0.02 U	0.08	0.20 U	0.03 U	0.11
2,2,4-Trimethylpentane	0.19	1.28	0.16	0.75	0.26	0.03	0.15	0.35	0.04	0.21
n-Heptane	0.23	0.67	0.10	0.40	0.37	0.05	0.22	0.48	0.07	0.28
Methylcyclohexane	0.25	0.84	0.12	0.49	0.20 U	0.03 U	0.12	0.18 U	0.03 U	0.10
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.26	0.03	0.15	0.14 U	0.02 U	0.08	ND	ND	ND
Toluene	0.20	2.92	0.42	1.59	1.42	0.20	0.77	1.87 #	0.27 #	1.01
2-Methylheptane	0.17	1.65	0.21	0.97	0.16 U	0.02 U	0.10	0.32	0.04	0.19
3-Methylheptane	0.20	ND	ND	ND	0.14 U	0.02 U	0.08	ND	ND	ND
1-Octene	0.20	ND	ND	ND	0.28	0.03	0.16	ND	ND	ND
n-Octane	0.21	0.64	0.08	0.38	0.33	0.04	0.19	0.50	0.06	0.29
Ethylbenzene	0.21	0.50	0.06	0.30	0.17 U	0.02 U	0.10	0.37	0.05	0.22
m-Xylene/p-Xylene	0.16	3.26	0.41	1.79	0.38	0.05	0.21	0.81	0.10	0.44
Styrene	0.20	0.58	0.07	0.31	0.11 U	0.01 U	0.06	2.72	0.34	1.46
o-Xylene	0.19	0.90	0.11	0.49	0.16 U	0.02 U	0.09	0.34	0.04	0.19
1-Nonene	0.19	0.25	0.03	0.14	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.47	0.05	0.28	0.21	0.02	0.12	0.29	0.03	0.17
Isopropylbenzene	0.18	0.48	0.05	0.26	ND	ND	ND	ND	ND	ND
a-Pinene	0.18	3.24	0.32	1.82	ND	ND	ND	1.26	0.13	0.71
n-Propylbenzene	0.21	0.36	0.04	0.20	0.15 U	0.02 U	0.08	0.23	0.03	0.13
m-Ethyltoluene	0.15	0.46	0.05	0.25	ND	ND	ND	0.28	0.03	0.15
p-Ethyltoluene	0.19	0.33	0.04	0.18	ND	ND	ND	0.21	0.02	0.12
1,3,5-Trimethylbenzene	0.18	ND	ND	ND	0.12 U	0.01 U	0.06	ND	ND	ND
o-Ethyltoluene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	2.81	0.28	1.58
1,2,4-Trimethylbenzene	0.21	0.52	0.06	0.28	0.18 U	0.02 U	0.10	0.44	0.05	0.24
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.72	0.07	0.42	0.20 U	0.02 U	0.11	0.29	0.03	0.17
1,2,3-Trimethylbenzene	0.19	0.18 U	0.02 U	0.10	ND	ND	ND	ND	ND	ND
m-Diethylbenzene	0.20	0.85	0.08	0.47	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	0.22	0.31	0.03	0.17	ND	ND	ND	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.25	0.02	0.14	0.12 U	0.01 U	0.07	ND	ND	ND
1-Dodecene	0.24	1.00	0.08	0.58	ND	ND	ND	0.58	0.05	0.34
n-Dodecane	0.49	0.80	0.07	0.47	ND	ND	ND	0.39 U	0.03 U	0.23
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		132.34	34.21	77.88	47.66	14.35	28.19	63.58	17.51	37.40
TNMOC, ppbC (w/ unknowns)		337.19	337.19	337.19	127.09	127.09	127.09	111.32	111.32	111.32

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	BTMO 32056					BTMO 32143 D1			BTMO 32143 R1		
Sampling Date:	2/20/2003					2/26/2003			2/26/2003		
Analysis Date:	3/19/2003					3/25/2003			3/26/2003		
Filename:	L3CR027					N3CY009			N3CZ009		
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.66 *	1.33 *	1.54		1.76	0.88	1.02	1.79	0.89	1.03
Acetylene	0.11	2.50	1.25	1.34		2.07	1.04	1.11	2.09	1.04	1.12
Ethane	0.17	9.71	4.85	6.02		7.25	3.62	4.50	7.28	3.64	4.51
Propylene	0.11	1.15	0.38	0.66		0.67	0.22	0.39	0.66	0.22	0.38
Propane	0.19	11.47	3.82	6.96		8.18	2.73	4.96	8.20	2.73	4.97
Propyne	0.19	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.15	0.54	1.29		2.54	0.63	1.52	2.55	0.64	1.53
Isobutene/1-Butene	0.17	1.28	0.32	0.74		1.05	0.26	0.61	1.13	0.28	0.65
1,3-Butadiene	0.17	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Butane	0.17	5.34	1.33	3.20		4.35	1.09	2.61	4.25	1.06	2.54
trans-2-Butene	0.17	0.32	0.08	0.19		ND	ND	ND	ND	ND	ND
cis-2-Butene	0.16	0.55	0.14	0.32		0.11 U	0.03 U	0.06	0.11 U	0.03 U	0.06
3-Methyl-1-butene	0.16	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.25	0.65	1.94		4.60	0.92	2.74	4.68	0.94	2.79
1-Pentene	0.20	0.48	0.10	0.28		0.44	0.09	0.25	0.35	0.07	0.20
2-Methyl-1-butene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Pentane	0.19	2.06	0.41	1.23		1.79	0.36	1.07	1.83	0.37	1.09
Isoprene	0.20	0.96	0.19	0.54		0.21	0.04	0.12	0.23	0.05	0.13
trans-2-Pentene	0.21	0.34	0.07	0.20		ND	ND	ND	ND	ND	ND
cis-2-Pentene	0.22	0.45	0.09	0.27		0.14 U	0.03 U	0.08	ND	ND	ND
2-Methyl-2-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.71	0.12	0.42		0.29	0.05	0.17	0.24	0.04	0.14
Cyclopentene	0.20	0.19 U	0.04 U	0.11		0.24	0.05	0.13	0.44	0.09	0.25
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.55	0.11	0.32		0.45	0.09	0.26	0.36	0.07	0.21
2,3-Dimethylbutane	0.20	0.87	0.15	0.52		0.34	0.06	0.20	0.30	0.05	0.18
2-Methylpentane	0.13	0.94	0.16	0.56		0.80	0.13	0.47	0.70	0.12	0.41
3-Methylpentane	0.22	1.02	0.17	0.60		0.59	0.10	0.35	0.44	0.07	0.26
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.63	0.11	0.37		0.70	0.12	0.41	0.62	0.10	0.37
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.05	0.17	0.62		0.94	0.16	0.56	0.79	0.13	0.47
trans-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.68	0.11	0.40		0.41	0.07	0.23	0.39	0.06	0.22
2,4-Dimethylpentane	0.22	0.56	0.08	0.28		0.19 U	0.03 U	0.10	0.21 U	0.03 U	0.10
Benzene	0.18	1.44	0.24	0.77		2.09	0.35	1.12	2.09	0.35	1.12
Cyclohexane	0.16	1.77	0.29	1.02		0.30	0.05	0.17	0.37	0.06	0.21
2-Methylhexane	0.21	0.61	0.09	0.36		0.54	0.08	0.32	0.33	0.05	0.19
2,3-Dimethylpentane	0.28	0.76	0.11	0.45		0.49	0.07	0.29	0.37	0.05	0.22
3-Methylhexane	0.17	1.44	0.21	0.85		2.38	0.34	1.41	2.20	0.31	1.30
1-Heptene	0.17	0.18 U	0.03 U	0.10		0.62	0.09	0.36	0.64	0.09	0.37
2,2,4-Trimethylpentane	0.19	0.79	0.10	0.46		0.34	0.04	0.20	0.34	0.04	0.20
n-Heptane	0.23	0.54	0.08	0.32		0.41	0.06	0.24	0.39	0.06	0.23
Methylcyclohexane	0.25	0.47	0.07	0.27		0.26	0.04	0.15	0.26	0.04	0.15
2,2,3-Trimethylpentane	0.25	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.35	0.04	0.20		0.21	0.03	0.12	0.24	0.03	0.14
Toluene	0.20	1.64	0.23	0.89		1.93	0.28	1.05	1.99	0.28	1.08
2-Methylheptane	0.17	0.47	0.06	0.27		0.16 U	0.02 U	0.09	0.14 U	0.02 U	0.08
3-Methylheptane	0.20	0.34	0.04	0.20		0.20 U	0.02 U	0.12	0.17 U	0.02 U	0.10
1-Octene	0.20	ND	ND	ND		0.71	0.09	0.41	0.66	0.08	0.38
n-Octane	0.21	0.55	0.07	0.32		0.47	0.06	0.28	0.44	0.06	0.26
Ethylbenzene	0.21	0.48	0.06	0.29		0.48	0.06	0.29	0.38	0.05	0.23
m-Xylene/p-Xylene	0.16	1.05	0.13	0.57		0.95	0.12	0.52	0.83	0.10	0.45
Styrene	0.20	0.37	0.05	0.20		0.59	0.07	0.32	0.59	0.07	0.32
o-Xylene	0.19	0.55	0.07	0.30		0.42	0.05	0.23	0.40	0.05	0.22
1-Nonene	0.19	ND	ND	ND		0.47	0.05	0.27	0.48	0.05	0.28
n-Nonane	0.11	0.55	0.06	0.32		0.24	0.03	0.14	0.24	0.03	0.14
Isopropylbenzene	0.18	0.54	0.06	0.29		0.19	0.02	0.10	0.19	0.02	0.10
a-Pinene	0.18	ND	ND	ND		0.89	0.09	0.50	0.92	0.09	0.52
n-Propylbenzene	0.21	0.46	0.05	0.25		0.28	0.03	0.16	0.25	0.03	0.14
m-Ethyltoluene	0.15	0.45	0.05	0.25		0.24	0.03	0.13	0.21	0.02	0.12
p-Ethyltoluene	0.19	0.53	0.06	0.29		0.18 U	0.02 U	0.10	0.19	0.02	0.10
1,3,5-Trimethylbenzene	0.18	0.35	0.04	0.19		0.16 U	0.02 U	0.09	ND	ND	ND
o-Ethyltoluene	0.22	0.54	0.06	0.30		0.19 U	0.02 U	0.10	0.18 U	0.02 U	0.10
b-Pinene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.79	0.09	0.43		0.63	0.07	0.35	0.61	0.07	0.34
1-Decene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.59	0.06	0.35		0.32	0.03	0.19	0.32	0.03	0.19
1,2,3-Trimethylbenzene	0.19	0.37	0.04	0.20		0.15 U	0.02 U	0.08	0.11 U	0.01 U	0.06
m-Diethylbenzene	0.20	1.00	0.10	0.56		0.16 U	0.02 U	0.09	0.19 U	0.02 U	0.10
p-Diethylbenzene	0.22	0.59	0.06	0.33		0.12 U	0.01 U	0.07	0.12 U	0.01 U	0.07
1-Undecene	0.22	ND	ND	ND		0.23 U	0.02 U	0.13	ND	ND	ND
n-Undecane	0.24	0.66	0.06	0.39		0.21 U	0.02 U	0.12	0.20 U	0.02 U	0.11
1-Dodecene	0.24	0.34 U	0.03 U	0.19		0.15 U	0.01 U	0.08	0.11 U	0.01 U	0.06
n-Dodecane	0.49	0.78	0.06	0.45		0.36 U	0.03 U	0.21	0.31 U	0.03 U	0.18
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
TNMOC (speciated)		74.13	19.60	43.55		58.84	15.23	34.55	57.03	15.01	33.49
TNMOC, ppbC (w/ unknowns)		96.25	96.25	96.25		128.34	128.34	128.34	136.99	136.99	136.99

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Bonne Terre, MO (BTMO) 2003 UATMP SNMOC Final Data Report

Sample No.:	BTMO 32145 D2				BTMO 32145 R2			BTMO 32180		
Sampling Date:	2/26/2003				2/26/2003			3/4/2003		
Analysis Date:	3/25/2003				3/26/2003			3/26/2003		
Filename:	N3CY010				N3C2010			L3CY011		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.13	1.07	1.23	2.12	1.06	1.23	2.00	1.00	1.16
Acetylene	0.11	2.21	1.11	1.19	2.23	1.12	1.20	2.35	1.18	1.26
Ethane	0.17	7.71	3.86	4.78	7.66	3.83	4.75	10.70	5.35	6.64
Propylene	0.11	0.71	0.24	0.41	0.80	0.27	0.46	0.85	0.28	0.49
Propane	0.19	8.54	2.85	5.18	8.55	2.85	5.18	9.87	3.29	5.99
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.45	0.61	1.47	2.46	0.62	1.48	4.87	1.22	2.92
Isobutene/1-Butene	0.17	1.30	0.33	0.75	1.36	0.34	0.79	1.11	0.28	0.64
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	4.20	1.05	2.52	4.26	1.07	2.55	5.34	1.33	3.20
trans-2-Butene	0.17	0.11	U	0.03	U	0.11	U	0.03	U	0.06
cis-2-Butene	0.16	0.13	U	0.03	U	0.12	U	0.03	U	0.07
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.66	0.73	2.18	3.79	0.76	2.25	6.90	1.38	4.11
1-Pentene	0.20	ND	ND	ND	0.26	0.05	0.15	0.58	0.12	0.34
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Pentane	0.19	1.73	0.35	1.03	1.73	0.35	1.03	2.19	0.44	1.30
Isoprene	0.20	0.23	0.05	0.13	0.22	0.04	0.12	0.58	0.12	0.33
trans-2-Pentene	0.21	0.16	U	0.03	U	0.16	U	0.03	U	0.10
cis-2-Pentene	0.22	0.14	U	0.03	U	0.12	U	0.02	U	0.07
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	0.35	0.07	0.20
2,2-Dimethylbutane	0.20	0.38	0.06	0.23	0.38	0.06	0.23	0.71	0.12	0.42
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	0.13	U	0.03
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.38	0.08	0.22	0.29	0.06	0.17	0.59	0.12	0.34
2,3-Dimethylbutane	0.20	0.46	0.08	0.27	0.38	0.06	0.23	0.79	0.13	0.47
2-Methylpentane	0.13	1.33	0.22	0.79	1.18	0.20	0.70	0.93	0.16	0.55
3-Methylpentane	0.22	0.72	0.12	0.42	0.63	0.11	0.38	1.36	0.23	0.81
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.59	0.10	0.35	0.51	0.08	0.30	0.95	0.16	0.56
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.81	0.14	0.48	0.67	0.11	0.39	2.19	0.37	1.30
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.39	0.07	0.23	0.38	0.06	0.22	0.77	0.13	0.45
2,4-Dimethylpentane	0.22	0.22	U	0.03	U	0.21	U	0.03	U	0.11
Benzene	0.18	1.86	0.31	1.00	1.84	0.31	0.99	1.96	0.33	1.05
Cyclohexane	0.16	0.46	0.08	0.27	0.44	0.07	0.25	46.21	7.70	26.74
2-Methylhexane	0.21	0.88	0.13	0.52	0.57	0.08	0.34	0.80	0.11	0.47
2,3-Dimethylpentane	0.28	0.40	0.06	0.24	0.43	0.06	0.26	0.93	0.13	0.55
3-Methylhexane	0.17	1.24	0.18	0.73	1.16	0.17	0.69	1.47	0.21	0.87
1-Heptene	0.17	0.29	0.04	0.17	0.26	U	0.04	U	0.15	ND
2,2,4-Trimethylpentane	0.19	0.45	0.06	0.26	0.38	0.05	0.23	0.93	0.12	0.55
n-Heptane	0.23	0.46	0.07	0.27	0.45	0.06	0.26	0.68	0.10	0.40
Methylcyclohexane	0.25	0.29	0.04	0.17	0.27	0.04	0.15	0.58	0.08	0.34
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.21	0.03	0.12	0.19	U	0.02	U	0.11	0.58
Toluene	0.20	2.12	0.30	1.15	2.09	0.30	1.13	2.74	0.39	1.49
2-Methylheptane	0.17	0.15	U	0.02	U	0.15	U	0.02	U	0.09
3-Methylheptane	0.20	0.18	U	0.02	U	0.22	U	0.03	U	0.13
1-Octene	0.20	0.26	0.03	0.15	0.23	0.03	0.13	ND	ND	ND
n-Octane	0.21	0.40	0.05	0.23	0.37	0.05	0.22	0.60	0.08	0.35
Ethylbenzene	0.21	0.37	0.05	0.22	0.36	0.04	0.21	0.78	0.10	0.46
m-Xylene/p-Xylene	0.16	0.71	0.09	0.39	0.70	0.09	0.39	1.48	0.18	0.81
Styrene	0.20	0.29	0.04	0.15	0.25	0.03	0.13	0.67	0.08	0.36
o-Xylene	0.19	0.38	0.05	0.21	0.32	0.04	0.17	0.78	0.10	0.43
1-Nonene	0.19	0.11	U	0.01	U	0.11	U	0.01	U	0.06
n-Nonane	0.11	0.27	0.03	0.16	0.23	0.03	0.13	0.36	0.04	0.21
Isopropylbenzene	0.18	0.15	U	0.02	U	0.16	U	0.02	U	0.09
a-Pinene	0.18	0.30	0.03	0.17	0.23	U	0.02	U	0.13	ND
n-Propylbenzene	0.21	0.18	U	0.02	U	0.20	U	0.02	U	0.11
m-Ethyltoluene	0.15	0.17	0.02	0.09	0.15	U	0.02	U	0.08	0.65
p-Ethyltoluene	0.19	0.19	U	0.02	U	0.17	U	0.02	U	0.09
1,3,5-Trimethylbenzene	0.18	0.17	U	0.02	U	0.14	U	0.02	U	0.08
o-Ethyltoluene	0.22	0.20	U	0.02	U	0.20	U	0.02	U	0.11
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.29	0.03	0.16	0.26	0.03	0.14	0.42	0.05	0.23
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.36	0.04	0.21	0.35	0.03	0.20	0.45	0.05	0.27
1,2,3-Trimethylbenzene	0.19	0.12	U	0.01	U	0.11	U	0.01	U	0.06
m-Diethylbenzene	0.20	0.15	U	0.02	U	0.14	U	0.01	U	0.08
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	0.53	0.05	0.29
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.28	0.03	0.16	0.28	0.03	0.16	0.64	0.06	0.38
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.18	U	0.01	U	0.14	U	0.01	U	0.08
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		55.19	15.18	32.49	53.83	15.01	31.70	126.92	28.45	74.21
TNMOC, ppbC (w/ unknowns)		116.68	116.68	116.68	97.68	97.68	97.68	163.69	163.69	163.69

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 32259			BTMO 32370			BTMO 32460		
Sampling Date:		3/10/2003			3/16/2003			3/22/2003		
Analysis Date:		3/26/2003			3/26/2003			4/1/2003		
Filename:		L3CY013			L3CY019			L3CY019		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.57	0.79	0.91	2.35	1.18	1.36	3.08	1.54	1.78
Acetylene	0.11	1.94	0.97	1.04	1.97	0.99	1.06	1.68	0.84	0.90
Ethane	0.17	7.81	3.91	4.85	8.27	4.14	5.13	6.41	3.20	3.97
Propylene	0.11	0.64	0.21	0.37	1.12	0.37	0.65	1.69	0.56	0.98
Propane	0.19	7.43	2.48	4.50	7.52	2.51	4.56	7.86	2.62	4.77
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.27	0.57	1.36	1.69	0.42	1.01	1.20	0.30	0.72
Isobutene/1-Butene	0.17	1.57	0.39	0.91	1.44	0.36	0.83	2.49	0.62	1.44
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	0.26	0.07	0.15
n-Butane	0.17	3.52	0.88	2.11	3.67	0.92	2.20	2.86	0.71	1.71
trans-2-Butene	0.17	0.29	0.07	0.17	0.34	0.08	0.20	0.38	0.10	0.22
cis-2-Butene	0.16	0.44	0.11	0.25	0.47	0.12	0.27	0.56	0.14	0.33
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	5.77	1.15	3.44	3.76	0.75	2.24	2.58	0.52	1.54
1-Pentene	0.20	0.42	0.08	0.25	0.55	0.11	0.32	0.62	0.12	0.36
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	0.25	0.05	0.14
n-Pentane	0.19	1.73	0.35	1.03	1.42	0.28	0.84	1.13	0.23	0.67
Isoprene	0.20	0.75	0.15	0.42	0.81	0.16	0.45	1.68	0.34	0.95
trans-2-Pentene	0.21	0.37	0.07	0.22	0.41	0.08	0.25	0.41	0.08	0.24
cis-2-Pentene	0.22	0.39	0.08	0.23	0.50	0.10	0.30	0.48	0.10	0.28
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	0.19	U	0.04
2,2-Dimethylbutane	0.20	0.61	0.10	0.36	0.69	0.11	0.41	0.65	0.11	0.38
Cyclopentene	0.20	ND	ND	ND	0.26	0.05	0.14	0.25	0.05	0.14
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.54	0.11	0.31	0.56	0.11	0.32	0.43	0.09	0.25
2,3-Dimethylbutane	0.20	0.72	0.12	0.42	0.75	0.13	0.44	0.80	0.13	0.48
2-Methylpentane	0.13	0.69	0.12	0.41	0.72	0.12	0.43	0.61	0.10	0.36
3-Methylpentane	0.22	1.73	0.29	1.02	1.96	0.33	1.16	1.66	0.28	0.99
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.77	0.13	0.45	1.08	0.18	0.64	1.08	0.18	0.64
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.83	0.14	0.49	0.84	0.14	0.50	0.69	0.11	0.41
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.53	0.09	0.31	0.52	0.09	0.30	0.51	0.08	0.29
2,4-Dimethylpentane	0.22	0.55	0.08	0.28	0.59	0.08	0.30	0.64	0.09	0.32
Benzene	0.18	1.59	0.26	0.85	1.73	0.29	0.93	1.67	0.28	0.89
Cyclohexane	0.16	0.82	0.14	0.47	0.82	0.14	0.47	0.96	0.16	0.56
2-Methylhexane	0.21	0.66	0.09	0.39	0.81	0.12	0.48	1.33	0.19	0.79
2,3-Dimethylpentane	0.28	0.80	0.11	0.48	0.91	0.13	0.54	0.94	0.13	0.56
3-Methylhexane	0.17	1.13	0.16	0.67	1.57	0.22	0.93	4.00	0.57	2.36
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.19	U	0.03
2,2,4-Trimethylpentane	0.19	0.62	0.08	0.37	0.95	0.12	0.56	0.99	0.12	0.58
n-Heptane	0.23	0.46	0.07	0.27	0.50	0.07	0.30	1.17	0.17	0.69
Methylcyclohexane	0.25	0.46	0.07	0.27	0.51	0.07	0.29	0.78	0.11	0.45
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.37	0.05	0.22	0.43	0.05	0.25	0.51	0.06	0.30
Toluene	0.20	1.34	0.19	0.73	1.71	0.24	0.93	1.75	0.25	0.95
2-Methylheptane	0.17	0.43	0.05	0.25	0.43	0.05	0.26	1.13	0.14	0.67
3-Methylheptane	0.20	0.42	0.05	0.25	0.35	0.04	0.21	1.17	0.15	0.69
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.47	0.06	0.28	0.52	0.06	0.31	2.49	0.31	1.47
Ethylbenzene	0.21	0.44	0.06	0.26	0.49	0.06	0.29	0.48	0.06	0.29
m-Xylene/p-Xylene	0.16	0.82	0.10	0.45	0.87	0.11	0.47	0.87	0.11	0.47
Styrene	0.20	0.58	0.07	0.31	0.29	0.04	0.16	0.47	0.06	0.25
o-Xylene	0.19	0.40	0.05	0.22	0.39	0.05	0.21	0.51	0.06	0.28
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.27	0.03	0.16	0.29	0.03	0.17	0.55	0.06	0.32
Isopropylbenzene	0.18	0.48	0.05	0.27	0.38	0.04	0.21	0.27	0.03	0.15
a-Pinene	0.18	1.03	0.10	0.58	ND	ND	ND	0.25	0.03	0.14
n-Propylbenzene	0.21	0.24	0.03	0.13	0.25	0.03	0.14	0.26	0.03	0.14
m-Ethyltoluene	0.15	0.28	0.03	0.16	0.24	0.03	0.13	0.22	0.02	0.12
p-Ethyltoluene	0.19	0.27	0.03	0.15	0.31	0.03	0.17	0.29	0.03	0.16
1,3,5-Trimethylbenzene	0.18	0.20	0.02	0.11	0.21	0.02	0.12	0.18	U	0.02
o-Ethyltoluene	0.22	0.25	0.03	0.14	0.26	0.03	0.15	0.28	0.03	0.16
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.31	0.03	0.17	0.46	0.05	0.25	0.38	0.04	0.21
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.27	0.03	0.16	0.30	0.03	0.18	0.30	0.03	0.17
1,2,3-Trimethylbenzene	0.19	0.28	0.03	0.15	0.25	0.03	0.14	0.47	0.05	0.26
m-Diethylbenzene	0.20	0.23	0.02	0.13	0.27	0.03	0.15	0.25	0.02	0.14
p-Diethylbenzene	0.22	0.19	U	0.02	U	0.11	ND	0.21	U	0.02
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.36	0.03	0.21	0.27	0.02	0.16	0.25	0.02	0.15
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.52	0.04	0.30	0.39	U	0.03	U	0.41	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		60.88	15.63	35.77	61.40	16.19	36.08	69.07	16.84	40.44
TNMOC, ppbC (w/ unknowns)		86.83	86.83	86.83	131.69	131.69	131.69	138.81	138.81	138.81

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Bonne Terre, MO (BTMO) 2003 UATMP SNMOC Final Data Report

Sample No.:	BTMO 32496				BTMO 32619			BTMO 32639		
Sampling Date:	3/28/2003				4/3/2003			4/9/2003		
Analysis Date:	4/11/2003				4/23/2003					
Filename:	L3DK010				L3DV018			VOID		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.90	0.95	1.10	17.36	8.68	10.04			
Acetylene	0.11	1.41	0.71	0.76	1.26	0.63	0.68			
Ethane	0.17	5.92	2.96	3.67	5.76	2.88	3.57			
Propylene	0.11	0.87	0.29	0.50	13.68	4.56	7.92			
Propane	0.19	4.66	1.55	2.82	3.87	1.29	2.35			
Propyne	0.19	ND	ND	ND	ND	ND	ND			
Isobutane	0.14	1.07	0.27	0.64	1.36	0.34	0.82			
Isobutene/1-Butene	0.17	1.39	0.35	0.80	20.82	5.20	12.05			
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND			
n-Butane	0.17	2.33	0.58	1.40	1.96	0.49	1.17			
trans-2-Butene	0.17	0.32	0.08	0.19	0.79	0.20	0.46			
cis-2-Butene	0.16	0.46	0.11	0.27	0.65	0.16	0.38			
3-Methyl-1-butene	0.16	ND	ND	ND	0.31	0.06	0.18			
Isopentane	0.19	1.74	0.35	1.03	1.39	0.28	0.83			
1-Pentene	0.20	0.48	0.10	0.27	2.79	0.56	1.61			
2-Methyl-1-butene	0.20	ND	ND	ND	1.57	0.31	0.91			
n-Pentane	0.19	1.06	0.21	0.63	1.03	0.21	0.62			
Isoprene	0.20	0.42	0.08	0.24	2.21	0.44	1.24			
trans-2-Pentene	0.21	0.35	0.07	0.21	0.69	0.14	0.41			
cis-2-Pentene	0.22	0.48	0.10	0.28	0.54	0.11	0.32			
2-Methyl-2-butene	0.22	ND	ND	ND	0.45	0.09	0.26			
2,2-Dimethylbutane	0.20	0.59	0.10	0.35	0.58	0.10	0.35			
Cyclopentene	0.20	0.28	0.06	0.16	ND	ND	ND			
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND			
Cyclopentane	0.20	0.52	0.10	0.30	0.58	0.12	0.34			
2,3-Dimethylbutane	0.20	0.72	0.12	0.42	0.64	0.11	0.38			
2-Methylpentane	0.13	0.52	0.09	0.31	0.42	0.07	0.25			
3-Methylpentane	0.22	1.67	0.28	0.99	8.14	1.36	4.82			
2-Methyl-1-pentene	0.22	ND	ND	ND	1.16	0.19	0.68			
1-Hexene	0.32	0.94	0.16	0.56	4.05	0.68	2.40			
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND			
n-Hexane	0.21	0.72	0.12	0.42	1.23	0.21	0.73			
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND			
cis-2-Hexene	0.21	ND	ND	ND	0.58	0.10	0.35			
Methylcyclopentane	0.21	0.47	0.08	0.27	0.39	0.07	0.23			
2,4-Dimethylpentane	0.22	0.60	0.09	0.30	0.22	0.03	0.11			
Benzene	0.18	1.33	0.22	0.71	1.60	0.27	0.86			
Cyclohexane	0.16	0.82	0.14	0.47	0.79	0.13	0.46			
2-Methylhexane	0.21	0.77	0.11	0.45	1.46	0.21	0.86			
2,3-Dimethylpentane	0.28	0.81	0.12	0.48	ND	ND	ND			
3-Methylhexane	0.17	2.39	0.34	1.41	ND	ND	ND			
1-Heptene	0.17	ND	ND	ND	2.11	0.30	1.22			
2,2,4-Trimethylpentane	0.19	0.84	0.10	0.49	3.56	0.45	2.10			
n-Heptane	0.23	0.47	0.07	0.28	1.34	0.19	0.79			
Methylcyclohexane	0.25	0.46	0.07	0.26	0.42	0.06	0.24			
2,2,3-Trimethylpentane	0.25	ND	ND	ND	1.86	0.23	1.10			
2,3,4-Trimethylpentane	0.20	0.45	0.06	0.26	0.64	0.08	0.38			
Toluene	0.20	1.46	0.21	0.79	2.21	0.32	1.20			
2-Methylheptane	0.17	0.48	0.06	0.29	4.47	0.56	2.63			
3-Methylheptane	0.20	0.48	0.06	0.28	0.49	0.06	0.29			
1-Octene	0.20	ND	ND	ND	ND	ND	ND			
n-Octane	0.21	0.48	0.06	0.28	1.94	0.24	1.14			
Ethylbenzene	0.21	0.41	0.05	0.25	0.67	0.08	0.40			
m-Xylene/p-Xylene	0.16	0.92	0.12	0.50	5.27	0.66	2.88			
Styrene	0.20	0.33	0.04	0.18	0.27	0.03	0.14			
o-Xylene	0.19	0.34	0.04	0.18	0.18	0.02	0.10			
1-Nonene	0.19	ND	ND	ND	ND	ND	ND			
n-Nonane	0.11	0.29	0.03	0.17	0.75	0.08	0.44			
Isopropylbenzene	0.18	0.28	0.03	0.15	0.86	0.10	0.47			
a-Pinene	0.18	ND	ND	ND	1.81	0.18	1.01			
n-Propylbenzene	0.21	0.23	0.03	0.13	1.86	0.21	1.03			
m-Ethyltoluene	0.15	0.20	0.02	0.11	0.66	0.07	0.36			
p-Ethyltoluene	0.19	0.35	0.04	0.19	1.00	0.11	0.55			
1,3,5-Trimethylbenzene	0.18	0.17	0.02	0.09	0.55	0.06	0.30			
o-Ethyltoluene	0.22	0.33	0.04	0.18	ND	ND	ND			
b-Pinene	0.22	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene	0.21	0.36	0.04	0.20	1.08	0.12	0.59			
1-Decene	0.21	ND	ND	ND	ND	ND	ND			
n-Decane	0.25	1.59	0.16	0.94	0.66	0.07	0.39			
1,2,3-Trimethylbenzene	0.19	0.21	0.02	0.12	0.95	0.11	0.52			
m-Diethylbenzene	0.20	0.24	0.02	0.13	0.42	0.04	0.23			
p-Diethylbenzene	0.22	0.19	0.02	0.10	0.44	0.04	0.24			
1-Undecene	0.22	ND	ND	ND	ND	ND	ND			
n-Undecane	0.24	0.23	0.02	0.14	0.68	0.06	0.40			
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND			
n-Dodecane	0.49	0.43	0.04	0.25	0.81	0.07	0.48			
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND			
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND			
TNMOC (speciated)		50.19	12.32	29.39	138.28	34.85	80.26			
TNMOC, ppbC (w/ unknowns)		115.36	115.36	115.36	1157.66	1157.66	1157.66			

* Should be considered an estimate, the daily QC failed criteria for ethylene.
Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		BTMO 32750				BTMO 32818			BTMO 32997		
Sampling Date:		4/15/2003				4/21/2003			4/27/2003		
Analysis Date:		4/23/2003				5/2/2003			5/22/2003		
Filename:		L3DV019				L3EA015			L3EU020		
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.26	0.63	0.73		1.09	0.54	0.63	1.31	0.65	0.76
Acetylene	0.11	0.94	0.47	0.51		1.23	0.61	0.66	1.30	0.65	0.70
Ethane	0.17	5.68	2.84	3.52		5.36	2.68	3.32	5.66	2.83	3.51
Propylene	0.11	0.65	0.22	0.37		0.63	0.21	0.36	0.66	0.22	0.38
Propane	0.19	3.80	1.27	2.31		3.59	1.20	2.18	7.29	2.43	4.42
Propyne	0.19	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.33	0.33	0.80		0.74	0.19	0.45	0.90	0.22	0.54
Isobutene/1-Butene	0.17	0.99	0.25	0.58		1.18	0.29	0.68	1.13	0.28	0.66
1,3-Butadiene	0.17	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.95	0.49	1.17		1.63	0.41	0.98	1.90	0.48	1.14
trans-2-Butene	0.17	0.35	0.09	0.20		0.32	0.08	0.18	0.29	0.07	0.17
cis-2-Butene	0.16	0.43	0.11	0.25		0.45	0.11	0.26	0.43	0.11	0.25
3-Methyl-1-butene	0.16	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.63	0.73	2.16		1.79	0.36	1.06	4.73	0.95	2.81
1-Pentene	0.20	0.58	0.12	0.33		0.51	0.10	0.29	0.41	0.08	0.24
2-Methyl-1-butene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Pentane	0.19	2.12	0.42	1.26		0.80	0.16	0.48	1.53	0.31	0.91
Isoprene	0.20	1.01	0.20	0.57		1.02	0.20	0.57	0.99	0.20	0.56
trans-2-Pentene	0.21	0.43	0.09	0.26		0.40	0.08	0.24	0.39	0.08	0.23
cis-2-Pentene	0.22	0.46	0.09	0.27		0.44	0.09	0.26	0.46	0.09	0.27
2-Methyl-2-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.61	0.10	0.36		0.66	0.11	0.39	0.58	0.10	0.35
Cyclopentene	0.20	0.27	0.05	0.15		ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	0.19	0.03	0.11		ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.89	0.18	0.51		0.46	0.09	0.27	0.51	0.10	0.29
2,3-Dimethylbutane	0.20	0.72	0.12	0.43		0.77	0.13	0.46	0.72	0.12	0.43
2-Methylpentane	0.13	0.67	0.11	0.40		0.57	0.09	0.34	0.60	0.10	0.35
3-Methylpentane	0.22	1.67	0.28	0.99		0.75	0.13	0.44	2.57	0.43	1.52
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.91	0.15	0.54		0.92	0.15	0.54	0.80	0.13	0.47
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.56	0.26	0.92		0.58	0.10	0.34	0.61	0.10	0.36
trans-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.77	0.13	0.44		0.46	0.08	0.27	0.46	0.08	0.27
2,4-Dimethylpentane	0.22	0.55	0.08	0.28		0.54	0.08	0.27	0.54	0.08	0.27
Benzene	0.18	1.26	0.21	0.68		1.12	0.19	0.60	1.36	0.23	0.73
Cyclohexane	0.16	1.79	0.30	1.04		0.68	0.11	0.39	0.75	0.12	0.43
2-Methylhexane	0.21	0.87	0.12	0.51		0.68	0.10	0.40	0.81	0.12	0.48
2,3-Dimethylpentane	0.28	0.89	0.13	0.52		0.82	0.12	0.48	0.95	0.14	0.56
3-Methylhexane	0.17	1.10	0.16	0.65		0.36	0.05	0.21	0.35	0.05	0.21
1-Heptene	0.17	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.61	0.08	0.36		0.65	0.08	0.38	0.67	0.08	0.40
n-Heptane	0.23	0.51	0.07	0.30		0.40	0.06	0.24	0.48	0.07	0.29
Methylcyclohexane	0.25	0.43	0.06	0.25		0.41	0.06	0.24	0.44	0.06	0.26
2,2,3-Trimethylpentane	0.25	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.41	0.05	0.24		0.39	0.05	0.23	0.46	0.06	0.27
Toluene	0.20	2.08	0.30	1.13		1.28	0.18	0.69	1.55	0.22	0.84
2-Methylheptane	0.17	0.41	0.05	0.24		0.29	0.04	0.17	0.30	0.04	0.18
3-Methylheptane	0.20	0.36	0.05	0.21		0.36	0.04	0.21	0.27	0.03	0.16
1-Octene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.56	0.07	0.33		0.44	0.06	0.26	0.48	0.06	0.28
Ethylbenzene	0.21	0.56	0.07	0.34		0.44	0.06	0.26	0.60	0.08	0.36
m-Xylene/p-Xylene	0.16	1.10	0.14	0.60		0.94	0.12	0.51	1.05	0.13	0.57
Styrene	0.20	0.36	0.05	0.19		0.31	0.04	0.17	0.63	0.08	0.34
o-Xylene	0.19	0.53	0.07	0.29		0.37	0.05	0.20	0.52	0.07	0.29
1-Nonene	0.19	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.55	0.06	0.32		0.22	0.02	0.13	0.27	0.03	0.16
Isopropylbenzene	0.18	0.34	0.04	0.19		0.25	0.03	0.14	0.30	0.03	0.16
a-Pinene	0.18	0.25	0.03	0.14		ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.26	0.03	0.14		0.18	0.02	0.10	0.28	0.03	0.15
m-Ethyltoluene	0.15	0.21	0.02	0.12		0.18	0.02	0.10	0.47	0.05	0.26
p-Ethyltoluene	0.19	0.38	0.04	0.21		0.24	0.03	0.13	0.35	0.04	0.19
1,3,5-Trimethylbenzene	0.18	0.25	0.03	0.14		0.21	0.02	0.11	0.21	0.02	0.12
o-Ethyltoluene	0.22	0.42	0.05	0.23		0.28	0.03	0.15	0.31	0.03	0.17
b-Pinene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.33	0.04	0.18		0.34	0.04	0.19	0.41	0.05	0.23
1-Decene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.71	0.07	0.42		1.12	0.11	0.66	0.98	0.10	0.58
1,2,3-Trimethylbenzene	0.19	0.16	0.02	0.09		0.16	0.02	0.09	0.20	0.02	0.11
m-Diethylbenzene	0.20	0.37	0.04	0.20		0.22	0.02	0.12	0.27	0.03	0.15
p-Diethylbenzene	0.22	0.25	0.02	0.14		0.19	0.02	0.10	0.17	0.02	0.09
1-Undecene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.64	0.06	0.37		0.22	0.02	0.13	0.45	0.04	0.26
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	1.17	0.10	0.69		0.34	0.03	0.20	0.63	0.05	0.37
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
TNMOC (speciated)		54.53	12.42	31.88		40.95	10.08	23.94	53.73	13.06	31.49
TNMOC, ppbC (w/ unknowns)		90.35	90.35	90.35		63.80	63.80	63.80	88.56	88.56	88.56

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	BTMO 33089				BTMO 33573			BTMO 33692		
Sampling Date:	5/3/2003				6/8/2003			6/14/2003		
Analysis Date:	5/22/2003				6/25/2003					
Filename:	L3EV010				L3FX021			VOID		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.57	0.78	0.91	0.96	0.48	0.56			
Acetylene	0.11	1.45	0.72	0.78	0.85	0.43	0.46			
Ethane	0.17	5.65	2.82	3.50	4.15	2.07	2.57			
Propylene	0.11	0.92	0.31	0.53	0.62	0.21	0.36			
Propane	0.19	5.04	1.68	3.06	2.74	0.91	1.66			
Propyne	0.19	ND	ND	ND	ND	ND	ND			
Isobutane	0.14	1.07	0.27	0.64	0.67	0.17	0.40			
Isobutene/1-Butene	0.17	1.31	0.33	0.76	0.72	0.18	0.41			
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND			
n-Butane	0.17	2.35	0.59	1.41	1.11	0.28	0.67			
trans-2-Butene	0.17	0.30	0.07	0.17	0.27	0.07	0.16			
cis-2-Butene	0.16	0.48	0.12	0.28	0.39	0.10	0.23			
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND			
Isopentane	0.19	3.13	0.63	1.86	1.61	0.32	0.96			
1-Pentene	0.20	0.67	0.13	0.39	0.41	0.08	0.24			
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND			
n-Pentane	0.19	1.22	0.24	0.73	0.87	0.17	0.52			
Isoprene	0.20	1.12	0.22	0.63	3.14	0.63	1.76			
trans-2-Pentene	0.21	0.46	0.09	0.27	0.38	0.08	0.23			
cis-2-Pentene	0.22	0.46	0.09	0.27	0.44	0.09	0.26			
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND			
2,2-Dimethylbutane	0.20	0.59	0.10	0.35	0.55	0.09	0.33			
Cyclopentene	0.20	0.41	0.08	0.23	0.23	0.05	0.13			
4-Methyl-1-pentene	0.20	0.31	U	0.05	U	0.18	0.51	0.08	0.29	
Cyclopentane	0.20	0.61	0.12	0.35	0.52	0.10	0.30			
2,3-Dimethylbutane	0.20	0.88	0.15	0.52	0.68	0.11	0.40			
2-Methylpentane	0.13	0.74	0.12	0.44	0.51	0.08	0.30			
3-Methylpentane	0.22	1.68	0.28	0.99	1.71	0.29	1.02			
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND			
1-Hexene	0.32	1.08	0.18	0.64	0.75	0.13	0.45			
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND			
n-Hexane	0.21	0.77	0.13	0.45	0.66	0.11	0.39			
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND			
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND			
Methylcyclopentane	0.21	0.60	0.10	0.34	0.42	0.07	0.24			
2,4-Dimethylpentane	0.22	0.62	0.09	0.31	0.53	0.08	0.27			
Benzene	0.18	1.48	0.25	0.79	0.89	0.15	0.48			
Cyclohexane	0.16	0.93	0.15	0.54	0.87	0.15	0.50			
2-Methylhexane	0.21	0.34	0.05	0.20	0.80	0.11	0.47			
2,3-Dimethylpentane	0.28	0.71	0.10	0.42	0.79	0.11	0.46			
3-Methylhexane	0.17	0.32	0.05	0.19	1.41	0.20	0.83			
1-Heptene	0.17	ND	ND	ND	ND	ND	ND			
2,2,4-Trimethylpentane	0.19	1.16	0.15	0.69	0.60	0.07	0.35			
n-Heptane	0.23	0.50	0.07	0.30	0.51	0.07	0.30			
Methylcyclohexane	0.25	0.54	0.08	0.31	0.41	0.06	0.24			
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND			
2,3,4-Trimethylpentane	0.20	0.49	0.06	0.29	0.38	0.05	0.22			
Toluene	0.20	2.12	0.30	1.15	1.94	0.28	1.05			
2-Methylheptane	0.17	0.39	0.05	0.23	0.40	0.05	0.24			
3-Methylheptane	0.20	0.38	0.05	0.22	0.34	0.04	0.20			
1-Octene	0.20	ND	ND	ND	ND	ND	ND			
n-Octane	0.21	0.48	0.06	0.28	0.47	0.06	0.28			
Ethylbenzene	0.21	0.53	0.07	0.32	0.70	0.09	0.42			
m-Xylene/p-Xylene	0.16	1.22	0.15	0.67	1.45	0.18	0.79			
Styrene	0.20	0.44	0.06	0.24	0.39	0.05	0.21			
o-Xylene	0.19	0.61	0.08	0.33	0.49	0.06	0.27			
1-Nonene	0.19	0.19	U	0.02	U	0.11	ND			
n-Nonane	0.11	0.31	0.03	0.18	0.35	0.04	0.21			
Isopropylbenzene	0.18	0.30	0.03	0.16	0.31	0.03	0.17			
a-Pinene	0.18	0.30	0.03	0.17	ND	ND	ND			
n-Propylbenzene	0.21	0.31	0.03	0.17	0.28	0.03	0.15			
m-Ethyltoluene	0.15	0.30	0.03	0.16	0.27	0.03	0.15			
p-Ethyltoluene	0.19	0.31	0.03	0.17	0.35	0.04	0.19			
1,3,5-Trimethylbenzene	0.18	0.24	0.03	0.13	0.29	0.03	0.16			
o-Ethyltoluene	0.22	0.39	0.04	0.22	0.38	0.04	0.21			
b-Pinene	0.22	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene	0.21	0.58	0.06	0.32	0.52	0.06	0.29			
1-Decene	0.21	ND	ND	ND	ND	ND	ND			
n-Decane	0.25	1.94	0.19	1.14	0.67	0.07	0.39			
1,2,3-Trimethylbenzene	0.19	0.21	0.02	0.12	0.24	0.03	0.13			
m-Diethylbenzene	0.20	0.30	0.03	0.16	ND	ND	ND			
p-Diethylbenzene	0.22	0.20	U	0.02	U	0.11	ND			
1-Undecene	0.22	ND	ND	ND	ND	ND	ND			
n-Undecane	0.24	0.31	0.03	0.18	NR	NR	NR			
1-Dodecene	0.24	0.20	U	0.02	U	0.11	0.33	U	0.03	U
n-Dodecane	0.49	0.38	U	0.03	U	0.22	0.49	0.04	0.29	
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND			
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND			
TNMOC (speciated)		54.83	12.96	32.00	43.71	9.70	25.41			
TNMOC, ppbC (w/ unknowns)		102.28	102.28	102.28	80.25	80.25	80.25			

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Bonne Terre, MO (BTMO) 2003 UATMP SNMOC Final Data Report

Sample No.:	BTMO 33930				BTMO 34126 D1			BTMO 34128 D2		
Sampling Date:	6/20/2003				6/26/2003			6/26/2003		
Analysis Date:	7/1/2003				7/1/2003					
Filename:	L3F\$020				L3GJ024			VOID		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.39	0.70	0.80	1.64	0.82	0.95			
Acetylene	0.11	0.89	0.45	0.48	1.14	0.57	0.61			
Ethane	0.17	3.84	1.92	2.38	4.54	2.27	2.82			
Propylene	0.11	0.76	0.25	0.44	1.05	0.35	0.61			
Propane	0.19	4.22	1.41	2.56	3.59	1.20	2.18			
Propyne	0.19	ND	ND	ND	ND	ND	ND			
Isobutane	0.14	0.77	0.19	0.46	1.66	0.41	0.99			
Isobutene/1-Butene	0.17	0.93	0.23	0.54	1.19	0.30	0.69			
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND			
n-Butane	0.17	1.87	0.42	1.00	2.39	0.60	1.43			
trans-2-Butene	0.17	0.33	0.08	0.19	0.55	0.14	0.32			
cis-2-Butene	0.16	0.56	0.14	0.32	0.83	0.21	0.48			
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND			
Isopentane	0.19	2.14	0.43	1.27	3.56	0.71	2.12			
1-Pentene	0.20	0.42	0.08	0.24	0.95	0.19	0.55			
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND			
n-Pentane	0.19	1.06	0.21	0.63	1.58	0.32	0.94			
Isoprene	0.20	2.87	0.53	1.50	7.17	1.43	4.03			
trans-2-Pentene	0.21	0.35	0.07	0.21	0.60	0.12	0.36			
cis-2-Pentene	0.22	0.48	0.10	0.29	0.88	0.18	0.53			
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND			
2,2-Dimethylbutane	0.20	0.64	0.11	0.38	1.06	0.18	0.63			
Cyclopentene	0.20	0.25	0.05	0.14	0.16	U	0.03	U	0.09	
4-Methyl-1-pentene	0.20	0.64	0.11	0.37	0.64	0.11	0.37			
Cyclopentane	0.20	0.55	0.11	0.32	0.75	0.15	0.43			
2,3-Dimethylbutane	0.20	0.76	0.13	0.45	1.30	0.22	0.77			
2-Methylpentane	0.13	0.64	0.11	0.38	1.03	0.17	0.61			
3-Methylpentane	0.22	1.34	0.22	0.80	1.07	0.18	0.63			
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND			
1-Hexene	0.32	0.92	0.15	0.54	1.42	0.24	0.84			
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND			
n-Hexane	0.21	0.72	0.12	0.43	1.65	0.27	0.97			
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND			
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND			
Methylcyclopentane	0.21	0.53	0.09	0.30	1.00	0.17	0.58			
2,4-Dimethylpentane	0.22	0.63	0.09	0.32	1.07	0.15	0.54			
Benzene	0.18	1.02	0.17	0.55	1.36	0.23	0.73			
Cyclohexane	0.16	0.84	0.14	0.49	1.85	0.31	1.07			
2-Methylhexane	0.21	0.87	0.12	0.52	1.55	0.22	0.92			
2,3-Dimethylpentane	0.28	0.94	0.13	0.55	1.62	0.23	0.95			
3-Methylhexane	0.17	1.89	0.27	1.11	1.01	0.14	0.60			
1-Heptene	0.17	ND	ND	ND	ND	ND	ND			
2,2,4-Trimethylpentane	0.19	0.71	0.09	0.42	1.36	0.17	0.80			
n-Heptane	0.23	0.57	0.08	0.33	2.85	0.41	1.68			
Methylcyclohexane	0.25	0.56	0.08	0.32	1.02	0.15	0.59			
2,2,3-Trimethylpentane	0.25	ND	ND	ND	0.20	U	0.03	U	0.12	
2,3,4-Trimethylpentane	0.20	0.40	0.05	0.23	0.84	0.11	0.50			
Toluene	0.20	1.87	0.27	1.01	56.93	8.13	30.92			
2-Methylheptane	0.17	0.47	0.06	0.27	0.82	0.10	0.48			
3-Methylheptane	0.20	0.39	0.05	0.23	0.92	0.11	0.54			
1-Octene	0.20	ND	ND	ND	ND	ND	ND			
n-Octane	0.21	0.51	0.06	0.30	2.38	0.30	1.40			
Ethylbenzene	0.21	0.66	0.08	0.40	1.75	0.22	1.05			
m-Xylene/p-Xylene	0.16	1.45	0.18	0.79	3.79	0.47	2.07			
Styrene	0.20	0.28	0.04	0.15	1.17	0.15	0.63			
o-Xylene	0.19	0.51	0.06	0.28	1.40	0.18	0.77			
1-Nonene	0.19	ND	ND	ND	ND	ND	ND			
n-Nonane	0.11	0.35	0.04	0.21	0.88	0.10	0.52			
Isopropylbenzene	0.18	0.35	0.04	0.19	0.71	0.08	0.39			
a-Pinene	0.18	0.23	U	0.02	U	0.31	0.03	0.18		
n-Propylbenzene	0.21	0.26	0.03	0.14	0.61	0.07	0.33			
m-Ethyltoluene	0.15	0.26	0.03	0.14	0.87	0.10	0.48			
p-Ethyltoluene	0.19	0.29	0.03	0.16	0.92	0.10	0.50			
1,3,5-Trimethylbenzene	0.18	0.22	0.02	0.12	0.75	0.08	0.42			
o-Ethyltoluene	0.22	0.49	0.05	0.27	0.89	0.10	0.49			
b-Pinene	0.22	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene	0.21	0.45	0.05	0.25	1.25	0.14	0.69			
1-Decene	0.21	ND	ND	ND	ND	ND	ND			
n-Decane	0.25	2.87	0.29	1.69	3.18	0.32	1.87			
1,2,3-Trimethylbenzene	0.19	0.27	0.03	0.15	0.47	0.05	0.26			
m-Diethylbenzene	0.20	0.32	0.03	0.18	0.75	0.07	0.41			
p-Diethylbenzene	0.22	ND	ND	ND	0.38	0.04	0.21			
1-Undecene	0.22	ND	ND	ND	ND	ND	ND			
n-Undecane	0.24	0.34	0.03	0.20	3.25	0.30	1.90			
1-Dodecene	0.24	0.29	U	0.02	U	0.31	U	0.03	U	0.18
n-Dodecane	0.49	0.53	0.04	0.31	2.31	0.19	1.36			
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND			
n-Tridecane	0.49	ND	ND	ND	0.34	U	0.03	U	0.20	
TNMOC (speciated)		51.54	11.19	30.02	145.46	25.14	82.27			
TNMOC, ppbC (w/ unknowns)		91.76	91.76	91.76	214.80	214.80	214.80			

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Bonne Terre, MO (BTMO) 2003 UATMP SNMOC Final Data Report

Sample No.:		BTMO 34191				BTMO 34258			BTMO 34318		
Sampling Date:		7/2/2003				7/8/2003			7/14/2003		
Analysis Date:		7/11/2003				7/22/2003			7/24/2003		
Filename:		L3GJ025				L3GU022			L3GX012		
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.87	0.94	1.08		1.78	0.89	1.03	1.23	0.62	0.71
Acetylene	0.11	0.93	0.47	0.50		0.77	0.39	0.42	0.54	0.27	0.29
Ethane	0.17	2.07	1.04	1.29		4.00	2.00	2.48	3.92	1.96	2.43
Propylene	0.11	1.08	0.36	0.62		1.12	0.37	0.65	0.66	0.22	0.38
Propane	0.19	3.79	1.26	2.30		3.46	1.15	2.10	4.96	1.65	3.00
Propyne	0.19	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.81	0.20	0.49		1.25	0.31	0.75	1.45	0.36	0.87
Isobutene/1-Butene	0.17	1.01	0.25	0.59		0.99	0.25	0.57	0.71	0.18	0.41
1,3-Butadiene	0.17	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.61	0.40	0.97		1.91	0.48	1.14	1.28	0.32	0.76
trans-2-Butene	0.17	0.42	0.10	0.24		0.41	0.10	0.24	ND	ND	ND
cis-2-Butene	0.16	0.66	0.16	0.38		0.74	0.19	0.43	ND	ND	ND
3-Methyl-1-butene	0.16	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.93	0.79	2.34		2.75	0.55	1.63	2.84	0.57	1.69
1-Pentene	0.20	0.67	0.13	0.39		0.49	0.10	0.28	0.19	U	0.04
2-Methyl-1-butene	0.20	0.13	U	0.03	U	0.08	ND	ND	0.13	U	0.03
n-Pentane	0.19	1.28	0.26	0.76		1.16	0.23	0.69	0.83	0.17	0.49
Isoprene	0.20	10.48	2.10	5.89		37.67	7.53	21.17	10.15	2.03	5.71
trans-2-Pentene	0.21	0.61	0.12	0.37		0.58	0.12	0.35	0.15	U	0.03
cis-2-Pentene	0.22	0.65	0.13	0.38		0.59	0.12	0.35	ND	ND	ND
2-Methyl-2-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.90	0.15	0.53		0.77	0.13	0.45	0.12	U	0.02
Cyclopentene	0.20	0.37	0.07	0.21		0.21	U	0.04	U	0.12	0.41
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.72	0.14	0.42		0.63	0.13	0.36	0.29	0.06	0.17
2,3-Dimethylbutane	0.20	1.03	0.17	0.61		0.95	0.16	0.56	ND	ND	ND
2-Methylpentane	0.13	0.87	0.15	0.52		0.71	0.12	0.42	0.42	0.07	0.25
3-Methylpentane	0.22	1.40	0.23	0.83		0.75	0.12	0.44	0.30	0.05	0.18
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
1-Hexene	0.32	1.30	0.22	0.77		1.04	0.17	0.62	0.15	U	0.03
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.79	0.13	0.47		0.83	0.14	0.49	0.42	0.07	0.25
trans-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	0.12	U	0.02
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.68	0.11	0.39		0.70	0.12	0.40	0.21	U	0.03
2,4-Dimethylpentane	0.22	1.28	0.18	0.65		0.73	0.10	0.37	ND	ND	ND
Benzene	0.18	1.05	0.17	0.56		1.09	0.18	0.59	0.56	0.09	0.30
Cyclohexane	0.16	0.80	0.13	0.46		0.93	0.15	0.54	0.30	0.05	0.17
2-Methylhexane	0.21	1.00	0.14	0.59		1.14	0.16	0.67	0.16	U	0.02
2,3-Dimethylpentane	0.28	1.21	0.17	0.71		1.27	0.18	0.75	0.11	U	0.02
3-Methylhexane	0.17	ND	ND	ND		ND	ND	ND	ND	ND	ND
1-Heptene	0.17	ND	ND	ND		ND	ND	ND	0.13	U	0.02
2,2,4-Trimethylpentane	0.19	1.10	0.14	0.65		0.75	0.09	0.44	0.34	0.04	0.20
n-Heptane	0.23	0.55	0.08	0.32		0.59	0.08	0.35	0.32	0.05	0.19
Methylcyclohexane	0.25	0.59	0.08	0.34		0.59	0.08	0.34	0.13	U	0.02
2,2,3-Trimethylpentane	0.25	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.53	0.07	0.31		0.51	0.06	0.30	ND	ND	ND
Toluene	0.20	2.25	0.32	1.22		1.27	0.18	0.69	9.40	1.34	5.11
2-Methylheptane	0.17	0.59	0.07	0.35		0.48	0.06	0.29	0.12	U	0.01
3-Methylheptane	0.20	0.53	0.07	0.31		0.47	0.06	0.27	ND	ND	ND
1-Octene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.58	0.07	0.34		0.52	0.06	0.30	0.12	U	0.01
Ethylbenzene	0.21	0.83	0.10	0.50		0.48	0.06	0.29	0.22	0.03	0.13
m-Xylene/p-Xylene	0.16	1.79	0.22	0.98		0.95	0.12	0.52	0.56	0.07	0.30
Styrene	0.20	0.60	0.07	0.32		0.42	0.05	0.23	ND	ND	ND
o-Xylene	0.19	0.71	0.09	0.39		0.47	0.06	0.26	0.20	0.02	0.11
1-Nonene	0.19	0.14	U	0.02	U	0.08	ND	ND	ND	ND	ND
n-Nonane	0.11	0.47	0.05	0.28		0.44	0.05	0.26	0.13	0.01	0.08
Isopropylbenzene	0.18	0.54	0.06	0.30		0.41	0.05	0.22	ND	ND	ND
a-Pinene	0.18	0.35	0.03	0.20		0.50	0.05	0.28	0.38	0.04	0.21
n-Propylbenzene	0.21	0.59	0.07	0.32		0.37	0.04	0.20	ND	ND	ND
m-Ethyltoluene	0.15	0.57	0.06	0.32		0.37	0.04	0.21	0.17	0.02	0.09
p-Ethyltoluene	0.19	0.66	0.07	0.36		0.44	0.05	0.24	0.11	U	0.01
1,3,5-Trimethylbenzene	0.18	0.46	0.05	0.26		0.31	0.03	0.17	0.13	U	0.01
o-Ethyltoluene	0.22	0.69	0.08	0.38		0.62	0.07	0.34	0.14	U	0.02
b-Pinene	0.22	ND	ND	ND		0.33	0.03	0.18	0.14	U	0.01
1,2,4-Trimethylbenzene	0.21	0.95	0.11	0.52		0.57	0.06	0.31	0.31	0.03	0.17
1-Decene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.84	0.08	0.49		0.37	0.04	0.22	0.11	U	0.01
1,2,3-Trimethylbenzene	0.19	0.36	0.04	0.20		0.32	0.04	0.18	ND	ND	ND
m-Diethylbenzene	0.20	0.69	0.07	0.38		0.40	0.04	0.22	ND	ND	ND
p-Diethylbenzene	0.22	0.35	0.04	0.19		0.19	U	0.02	U	0.10	0.10
1-Undecene	0.22	0.13	U	0.01	U	0.08	ND	ND	ND	ND	ND
n-Undecane	0.24	0.52	0.05	0.30		0.41	0.04	0.24	0.19	U	0.02
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.61	0.05	0.36		0.43	U	0.04	U	0.25	0.18
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	0.13	U	0.01	U	0.08	ND	ND	0.17	U	0.01
TNMOC (speciated)		65.08	13.26	37.50		85.38	18.35	48.99	46.26	10.88	26.62
TNMOC, ppbC (w/ unknowns)		130.44	130.44	130.44		149.74	149.74	149.74	122.62	122.62	122.62

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Bonne Terre, MO (BTMO) 2003 UATMP SNMOC Final Data Report

Sample No.:		BTMO 34527				BTMO 34718			BTMO 34777		
Sampling Date:		7/20/2003				7/26/2003			8/1/2003		
Analysis Date:		7/24/2003				8/9/2003			8/9/2003		
Filename:		L3GX008				L3HI009			L3HI012		
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	0.94	0.47	0.54		2.57	1.28	1.49	2.70	1.35	1.56
Acetylene	0.11	0.52	0.26	0.28		0.68	0.34	0.36	0.65	0.33	0.35
Ethane	0.17	3.78	1.89	2.34		3.21	1.60	1.99	4.07	2.03	2.52
Propylene	0.11	0.68	0.23	0.39		1.36	0.45	0.79	1.31	0.44	0.76
Propane	0.19	4.69	1.56	2.84		2.59	0.86	1.57	3.15	1.05	1.91
Propyne	0.19	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.46	0.12	0.28		0.52	0.13	0.31	0.74	0.19	0.44
Isobutene/1-Butene	0.17	0.60	0.15	0.35		3.05	0.76	1.77	2.86	0.71	1.65
1,3-Butadiene	0.17	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.10	0.27	0.66		1.08	0.27	0.65	1.43	0.36	0.86
trans-2-Butene	0.17	ND	ND	ND		0.19	0.05	0.11	0.19	0.05	0.11
cis-2-Butene	0.16	ND	ND	ND		0.28	0.07	0.16	0.59	0.15	0.34
3-Methyl-1-butene	0.16	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isopentane	0.19	1.60	0.32	0.95		3.01	0.60	1.79	4.82	0.96	2.87
1-Pentene	0.20	0.14	U 0.03	U 0.08		0.39	0.08	0.23	0.23	0.05	0.13
2-Methyl-1-butene	0.20	0.15	U 0.03	U 0.09		0.24	0.05	0.14	0.23	0.05	0.13
n-Pentane	0.19	0.80	0.16	0.47		0.97	0.19	0.58	1.34	0.27	0.80
Isoprene	0.20	22.30	4.46	12.53		12.93	2.59	7.27	14.67	2.93	8.24
trans-2-Pentene	0.21	ND	ND	ND		0.18	U 0.04	U 0.10	0.33	0.07	0.20
cis-2-Pentene	0.22	ND	ND	ND		0.26	0.05	0.15	0.24	0.05	0.14
2-Methyl-2-butene	0.22	ND	ND	ND		0.14	U 0.03	U 0.08	0.12	U 0.02	U 0.07
2,2-Dimethylbutane	0.20	0.11	U 0.02	U 0.07		0.39	0.07	0.23	0.34	0.06	0.20
Cyclopentene	0.20	0.23	0.05	0.13		ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.21	0.04	0.12		0.49	0.10	0.28	0.41	0.08	0.24
2,3-Dimethylbutane	0.20	0.11	U 0.02	U 0.07		0.47	0.08	0.28	0.51	0.09	0.30
2-Methylpentane	0.13	0.38	0.06	0.23		0.69	0.12	0.41	2.27	0.38	1.34
3-Methylpentane	0.22	0.18	U 0.03	U 0.11		0.87	0.14	0.51	0.68	0.11	0.40
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.11	U 0.02	U 0.07		0.69	0.12	0.41	0.68	0.11	0.41
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.30	0.05	0.18		0.51	0.08	0.30	2.71	0.45	1.60
trans-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.28	0.05	0.16		0.28	0.05	0.16	0.55	0.09	0.32
2,4-Dimethylpentane	0.22	ND	ND	ND		0.31	0.04	0.16	0.27	0.04	0.14
Benzene	0.18	0.60	0.10	0.32		0.86	0.14	0.46	0.80	0.13	0.43
Cyclohexane	0.16	ND	ND	ND		0.56	0.09	0.32	1.33	0.22	0.77
2-Methylhexane	0.21	ND	ND	ND		0.23	0.03	0.14	0.40	0.06	0.24
2,3-Dimethylpentane	0.28	ND	ND	ND		0.28	U 0.04	U 0.16	0.23	U 0.03	U 0.13
3-Methylhexane	0.17	ND	ND	ND		0.69	0.10	0.41	1.40	0.20	0.83
1-Heptene	0.17	ND	ND	ND		0.35	0.05	0.20	0.27	U 0.04	U 0.16
2,2,4-Trimethylpentane	0.19	0.34	0.04	0.20		0.60	0.07	0.35	0.74	0.09	0.43
n-Heptane	0.23	0.19	U 0.03	U 0.11		0.71	0.10	0.42	0.41	0.06	0.24
Methylcyclohexane	0.25	ND	ND	ND		0.57	0.08	0.33	0.34	0.05	0.19
2,2,3-Trimethylpentane	0.25	ND	ND	ND		ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	ND	ND	ND		0.21	0.03	0.13	0.28	0.03	0.16
Toluene	0.20	0.84	0.12	0.46		0.88	0.13	0.48	1.92	0.27	1.04
2-Methylheptane	0.17	ND	ND	ND		0.34	0.04	0.20	0.36	0.04	0.21
3-Methylheptane	0.20	ND	ND	ND		0.24	0.03	0.14	0.18	U 0.02	U 0.11
1-Octene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.13	U 0.02	U 0.08		0.29	0.04	0.17	0.32	0.04	0.19
Ethylbenzene	0.21	0.22	0.03	0.13		0.28	0.03	0.16	0.39	0.05	0.24
m-Xylene/p-Xylene	0.16	0.58	0.07	0.32		0.81	0.10	0.44	0.94	0.12	0.51
Styrene	0.20	ND	ND	ND		ND	ND	ND	0.12	U 0.02	U 0.07
o-Xylene	0.19	0.19	0.02	0.11		0.25	0.03	0.14	0.48	0.06	0.26
1-Nonene	0.19	ND	ND	ND		0.15	U 0.02	U 0.09	0.14	U 0.02	U 0.08
n-Nonane	0.11	0.16	0.02	0.10		0.25	0.03	0.14	0.21	0.02	0.12
Isopropylbenzene	0.18	ND	ND	ND		0.13	U 0.01	U 0.07	0.16	U 0.02	U 0.09
a-Pinene	0.18	0.69	0.07	0.39		ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	ND	ND	ND		0.14	U 0.02	U 0.08	0.17	U 0.02	U 0.09
m-Ethyltoluene	0.15	0.27	0.03	0.15		0.22	0.02	0.12	0.33	0.04	0.18
p-Ethyltoluene	0.19	0.11	U 0.01	U 0.06		0.20	0.02	0.11	0.19	0.02	0.11
1,3,5-Trimethylbenzene	0.18	ND	ND	ND		0.16	U 0.02	U 0.09	0.14	U 0.02	U 0.08
o-Ethyltoluene	0.22	0.52	0.06	0.29		0.25	0.03	0.14	0.19	U 0.02	U 0.10
b-Pinene	0.22	0.38	0.04	0.21		ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.30	0.03	0.17		0.43	0.05	0.23	0.39	0.04	0.21
1-Decene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.17	U 0.02	U 0.10		0.21	U 0.02	U 0.12	0.26	0.03	0.15
1,2,3-Trimethylbenzene	0.19	ND	ND	ND		0.27	0.03	0.15	0.19	0.02	0.11
m-Diethylbenzene	0.20	ND	ND	ND		0.62	0.06	0.34	0.28	0.03	0.15
p-Diethylbenzene	0.22	ND	ND	ND		0.38	0.04	0.21	0.15	U 0.02	U 0.08
1-Undecene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.24	0.02	0.14		0.32	0.03	0.19	0.37	0.03	0.22
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.23	U 0.02	U 0.13		0.42	U 0.04	U 0.25	0.42	U 0.03	U 0.24
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	0.18	U 0.01	U 0.11		ND	ND	ND	ND	ND	ND
TNMOC (speciated)		45.99	11.03	26.48		50.58	11.81	29.25	62.54	14.36	36.27
TNMOC, ppbC (w/ unknowns)		101.63	101.63	101.63		166.87	166.87	166.87	187.37	187.37	187.37

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	BTMO 34929				BTMO 35084			BTMO 35169		
Sampling Date:	8/7/2003				8/13/2003			8/19/2003		
Analysis Date:	8/30/2003				8/30/2003			9/4/2003		
Filename:	L3H#019				L3H#025			L3IC017		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.58	0.79	0.92	1.23	0.62	0.71	1.29	0.65	0.75
Acetylene	0.11	1.23	0.61	0.66	1.38	0.69	0.74	1.40	0.70	0.75
Ethane	0.17	3.55	1.77	2.20	5.83	2.92	3.62	5.55	2.77	3.44
Propylene	0.11	0.97	0.32	0.56	0.78	0.26	0.45	0.83	0.28	0.48
Propane	0.19	4.43	1.48	2.68	7.05	2.35	4.27	5.02	1.67	3.04
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.89	0.22	0.53	1.97	0.49	1.18	1.02	0.25	0.61
Isobutene/1-Butene	0.17	1.01	0.25	0.59	0.75	0.19	0.44	1.08	0.27	0.63
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.63	0.41	0.98	2.93	0.73	1.75	2.35	0.59	1.41
trans-2-Butene	0.17	0.34	0.08	0.20	0.31	0.08	0.18	0.31	0.08	0.18
cis-2-Butene	0.16	0.36	0.09	0.21	0.42	0.11	0.24	0.43	0.11	0.25
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.01	0.40	1.20	2.80	0.56	1.67	2.43	0.49	1.45
1-Pentene	0.20	0.46	0.09	0.27	0.37	0.07	0.21	0.35	0.07	0.20
2-Methyl-1-butene	0.20	0.38	0.08	0.22	0.29	0.06	0.17	0.17	0.03	0.10
n-Pentane	0.19	1.47	0.29	0.88	1.91	0.38	1.14	1.85	0.37	1.10
Isoprene	0.20	5.08	1.02	2.85	3.35	0.67	1.88	7.88	1.58	4.43
trans-2-Pentene	0.21	0.46	0.09	0.27	0.30	0.06	0.18	0.34	0.07	0.20
cis-2-Pentene	0.22	0.32	0.06	0.19	0.35	0.07	0.21	0.39	0.08	0.23
2-Methyl-2-butene	0.22	0.16	0.03	0.09	ND	ND	ND	0.23	0.05	0.13
2,2-Dimethylbutane	0.20	0.71	0.12	0.42	0.73	0.12	0.43	0.76	0.13	0.45
Cyclopentene	0.20	0.50	0.10	0.28	0.22	0.04	0.13	0.29	0.06	0.17
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.31	0.06	0.18	0.47	0.09	0.27	0.42	0.08	0.24
2,3-Dimethylbutane	0.20	0.68	0.11	0.40	0.71	0.12	0.42	0.74	0.12	0.44
2-Methylpentane	0.13	0.72	0.12	0.43	1.18	0.20	0.70	1.59	0.27	0.94
3-Methylpentane	0.22	0.62	0.10	0.37	0.77	0.13	0.46	0.82	0.14	0.49
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.41	0.07	0.24	0.45	0.07	0.27	0.76	0.13	0.45
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.59	0.10	0.35	0.86	0.14	0.51	0.88	0.15	0.52
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.14	0.02	0.09
Methylcyclopentane	0.21	0.59	0.10	0.34	0.58	0.10	0.34	0.47	0.08	0.27
2,4-Dimethylpentane	0.22	0.48	0.07	0.24	0.49	0.07	0.25	0.52	0.07	0.26
Benzene	0.18	0.77	0.13	0.41	0.93	0.16	0.50	1.28	0.21	0.69
Cyclohexane	0.16	0.45	0.07	0.26	0.64	0.11	0.37	0.58	0.10	0.33
2-Methylhexane	0.21	0.83	0.12	0.49	0.65	0.09	0.38	1.13	0.16	0.67
2,3-Dimethylpentane	0.28	0.64	0.09	0.38	0.76	0.11	0.45	0.85	0.12	0.50
3-Methylhexane	0.17	0.52	0.07	0.31	0.49	0.07	0.29	0.77	0.11	0.45
1-Heptene	0.17	0.20	0.03	0.12	0.16	0.02	0.09	0.26	0.04	0.15
2,2,4-Trimethylpentane	0.19	0.79	0.10	0.46	0.72	0.09	0.43	0.65	0.08	0.38
n-Heptane	0.23	0.30	0.04	0.18	0.30	0.04	0.18	0.53	0.08	0.31
Methylcyclohexane	0.25	0.34	0.05	0.20	0.44	0.06	0.26	0.52	0.07	0.30
2,2,3-Trimethylpentane	0.25	0.09	0.01	0.05	ND	ND	ND	0.13	0.02	0.08
2,3,4-Trimethylpentane	0.20	0.42	0.05	0.25	0.38	0.05	0.23	0.33	0.04	0.20
Toluene	0.20	1.23	0.18	0.67	0.94	0.13	0.51	1.68	0.24	0.91
2-Methylheptane	0.17	0.12	0.02	0.07	0.19	0.02	0.11	0.31	0.04	0.18
3-Methylheptane	0.20	0.20	0.03	0.12	0.26	0.03	0.15	0.40	0.05	0.23
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.18	0.02	0.11	0.23	0.03	0.13	0.50	0.06	0.29
Ethylbenzene	0.21	0.27	0.03	0.16	0.22	0.03	0.13	0.50	0.06	0.30
m-Xylene/p-Xylene	0.16	0.51	0.06	0.28	0.63	0.08	0.34	1.17	0.15	0.64
Styrene	0.20	1.17	0.15	0.63	0.48	0.06	0.26	1.05	0.13	0.57
o-Xylene	0.19	0.30	0.04	0.17	0.23	0.03	0.13	0.47	0.06	0.26
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.16	0.02	0.09	0.18	0.02	0.10	0.51	0.06	0.30
Isopropylbenzene	0.18	0.14	0.02	0.08	0.19	0.02	0.10	0.39	0.04	0.21
a-Pinene	0.18	0.32	0.03	0.18	0.26	0.03	0.15	0.31	0.03	0.17
n-Propylbenzene	0.21	0.13	0.01	0.07	0.14	0.02	0.08	0.24	0.03	0.13
m-Ethyltoluene	0.15	0.19	0.02	0.11	0.20	0.02	0.11	0.33	0.04	0.18
p-Ethyltoluene	0.19	0.14	0.02	0.08	0.17	0.02	0.09	0.32	0.04	0.18
1,3,5-Trimethylbenzene	0.18	0.14	0.02	0.08	0.17	0.02	0.09	0.33	0.04	0.18
o-Ethyltoluene	0.22	0.26	0.03	0.14	0.20	0.02	0.11	0.47	0.05	0.26
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.38	0.04	0.21	0.56	0.06	0.31	0.55	0.06	0.30
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.14	0.01	0.08	0.24	0.02	0.14	0.85	0.09	0.50
1,2,3-Trimethylbenzene	0.19	0.18	0.02	0.10	0.16	0.02	0.09	0.25	0.03	0.14
m-Diethylbenzene	0.20	0.21	0.02	0.12	0.21	0.02	0.12	0.25	0.03	0.14
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	0.16	0.02	0.09
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.18	0.02	0.11	0.27	0.02	0.16	0.59	0.05	0.35
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.15	0.01	0.09	0.22	0.02	0.13	0.20	0.02	0.12
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		43.97	10.63	25.56	50.27	12.93	29.51	59.17	13.76	34.40
TNMOC, ppbC (w/ unknowns)		114.10	114.10	114.10	88.40	88.40	88.40	134.84	134.84	134.84

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	BTMO 35330 D1				BTMO 35330 R1			BTMO 35332 D2		
Sampling Date:	8/25/2003				8/25/2003			8/25/2003		
Analysis Date:	9/12/2003				9/15/2003			9/12/2003		
Filename:	L31L007				L31O008			L31L008		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.18	0.59	0.68	1.22	0.61	0.70	1.35	0.68	0.78
Acetylene	0.11	1.05	0.52	0.56	1.12	0.56	0.60	1.06	0.53	0.57
Ethane	0.17	4.28	2.14	2.65	4.27	2.13	2.65	4.15	2.07	2.57
Propylene	0.11	0.85	0.28	0.49	0.86	0.29	0.50	0.92	0.31	0.53
Propane	0.19	3.63	1.21	2.20	3.63	1.21	2.20	3.58	1.19	2.17
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.46	0.12	0.28	0.45	0.11	0.27	0.48	0.12	0.29
Isobutene/1-Butene	0.17	0.85	0.21	0.49	0.87	0.22	0.51	1.07	0.27	0.62
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.28	0.32	0.76	1.27	0.32	0.76	1.29	0.32	0.77
trans-2-Butene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.17	0.43	1.29	2.19	0.44	1.30	2.00	0.40	1.19
1-Pentene	0.20	0.22	0.04	0.12	0.23	0.05	0.13	0.15	U	0.03
2-Methyl-1-butene	0.20	0.14	U	0.03	U	0.08	0.16	U	0.04	U
n-Pentane	0.19	1.13	0.23	0.67	1.09	0.22	0.65	1.01	0.20	0.60
Isoprene	0.20	17.89	3.58	10.05	17.59	3.52	9.88	17.55	3.51	9.87
trans-2-Pentene	0.21	ND	ND	ND	ND	ND	ND	0.16	U	0.03
cis-2-Pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	0.14	U	0.03
2,2-Dimethylbutane	0.20	0.31	0.05	0.18	0.32	0.05	0.19	0.40	0.07	0.23
Cyclopentene	0.20	0.29	0.06	0.16	0.35	0.07	0.20	0.20	U	0.04
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.21	0.04	0.12	0.22	0.04	0.13	0.20	U	0.04
2,3-Dimethylbutane	0.20	0.15	U	0.03	U	0.17	U	0.17	U	0.03
2-Methylpentane	0.13	1.72	0.29	1.02	1.63	0.27	0.96	2.44	0.41	1.45
3-Methylpentane	0.22	0.32	0.05	0.19	0.23	0.04	0.14	0.31	0.05	0.18
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.26	U	0.04	U	0.15	0.25	U	0.03	U
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.36	0.06	0.21	0.33	0.06	0.20	0.34	0.06	0.20
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.40	0.07	0.23	0.34	0.06	0.20	0.54	0.09	0.31
2,4-Dimethylpentane	0.22	ND	ND	ND	0.13	U	0.02	U	0.07	ND
Benzene	0.18	1.13	0.19	0.61	1.10	0.18	0.59	1.01	0.17	0.54
Cyclohexane	0.16	ND	ND	ND	0.14	U	0.02	U	0.08	0.10
2-Methylhexane	0.21	0.72	0.10	0.43	0.88	0.13	0.52	0.68	0.10	0.40
2,3-Dimethylpentane	0.28	0.24	U	0.03	U	0.14	0.39	0.29	0.04	0.17
3-Methylhexane	0.17	2.71	0.39	1.60	NR	NR	NR	1.85	0.26	1.09
1-Heptene	0.17	0.22	U	0.03	U	0.13	0.21	U	0.03	U
2,2,4-Trimethylpentane	0.19	0.51	0.06	0.30	0.58	0.07	0.34	1.00	0.12	0.59
n-Heptane	0.23	0.20	U	0.03	U	0.12	0.19	U	0.03	U
Methylcyclohexane	0.25	ND	ND	ND	0.32	0.05	0.19	ND	ND	ND
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	ND	ND	ND	0.13	U	0.02	U	0.08	ND
Toluene	0.20	0.96	0.14	0.52	0.97	0.14	0.53	0.78	0.11	0.42
2-Methylheptane	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylheptane	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.13	U	0.02	U	0.08	0.15	U	0.02	U
Ethylbenzene	0.21	0.27	0.03	0.16	0.22	0.03	0.13	0.24	0.03	0.14
m-Xylene/p-Xylene	0.16	0.83	0.10	0.46	0.75	0.09	0.41	0.61	0.08	0.34
Styrene	0.20	0.38	0.05	0.20	ND	ND	ND	0.20	0.03	0.11
o-Xylene	0.19	0.26	0.03	0.14	0.26	0.03	0.14	0.25	0.03	0.13
1-Nonene	0.19	0.15	U	0.02	U	0.09	0.19	U	0.02	U
n-Nonane	0.11	0.20	0.02	0.12	0.18	0.02	0.10	0.13	0.01	0.07
Isopropylbenzene	0.18	ND	ND	ND	0.13	U	0.01	U	0.07	ND
a-Pinene	0.18	0.28	0.03	0.16	0.37	0.04	0.21	0.26	0.03	0.14
n-Propylbenzene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
m-Ethyltoluene	0.15	0.20	0.02	0.11	0.21	0.02	0.11	0.17	0.02	0.09
p-Ethyltoluene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	0.18	ND	ND	ND	0.14	U	0.02	U	0.08	ND
o-Ethyltoluene	0.22	0.28	0.03	0.15	0.29	0.03	0.16	0.13	U	0.01
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.29	0.03	0.16	0.38	0.04	0.21	0.21	U	0.02
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.15	U	0.02	U	0.09	0.21	U	0.02	U
1,2,3-Trimethylbenzene	0.19	0.13	U	0.01	U	0.07	0.14	U	0.02	U
m-Diethylbenzene	0.20	0.18	U	0.02	U	0.10	0.20	0.02	0.11	ND
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	ND	ND	ND	0.13	U	0.01	U	0.08	ND
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		49.58	11.80	28.65	47.77	11.54	27.57	48.08	11.66	27.83
TNMOC, ppbC (w/ unknowns)		109.11	109.11	109.11	124.49	124.49	124.49	118.61	118.61	118.61

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 35332 R2			BTMO 35538			BTMO 35563		
Sampling Date:		8/25/2003			8/31/2003			9/6/2003		
Analysis Date:		9/15/2003			9/30/2003			10/3/2003		
Filename:		L3IO009			L3I#019			L3JB014		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.39	0.69	0.80	3.30	1.65	1.91	1.38	0.69	0.80
Acetylene	0.11	1.13	0.57	0.61	1.08	0.54	0.58	1.33	0.66	0.71
Ethane	0.17	4.15	2.08	2.58	2.99	1.50	1.85	4.48	2.24	2.78
Propylene	0.11	0.99	0.33	0.57	1.65	0.55	0.95	0.80	0.27	0.46
Propane	0.19	3.67	1.22	2.22	2.99	1.00	1.81	6.66	2.22	4.04
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.52	0.13	0.31	0.69	0.17	0.41	1.06	0.26	0.63
Isobutene/1-Butene	0.17	1.14	0.28	0.66	2.74	0.69	1.59	0.84	0.21	0.48
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.31	0.33	0.78	1.52	0.38	0.91	2.38	0.59	1.42
trans-2-Butene	0.17	ND	ND	ND	0.27	0.07	0.16	0.20	0.05	0.12
cis-2-Butene	0.16	ND	ND	ND	0.25	0.06	0.14	0.41	0.10	0.24
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.30	0.46	1.37	1.12	0.22	0.67	2.61	0.52	1.56
1-Pentene	0.20	0.18	U 0.04	U 0.10	0.45	0.09	0.26	0.32	0.06	0.18
2-Methyl-1-butene	0.20	0.19	U 0.04	U 0.11	0.25	0.05	0.15	ND	ND	ND
n-Pentane	0.19	1.00	0.20	0.59	1.16	0.23	0.69	1.58	0.32	0.94
Isoprene	0.20	17.00	3.40	9.55	10.86	2.17	6.11	2.25	0.45	1.27
trans-2-Pentene	0.21	ND	ND	ND	0.25	0.05	0.15	0.39	0.08	0.23
cis-2-Pentene	0.22	ND	ND	ND	0.33	0.07	0.19	0.39	0.08	0.23
2-Methyl-2-butene	0.22	0.22	U 0.04	U 0.13	ND	ND	ND	0.11	U 0.02	U 0.06
2,2-Dimethylbutane	0.20	0.35	0.06	0.21	0.92	0.15	0.54	0.78	0.13	0.46
Cyclopentene	0.20	0.24	0.05	0.13	0.19	U 0.04	U 0.11	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	0.91	0.15	0.53	ND	ND	ND
Cyclopentane	0.20	0.13	U 0.03	U 0.07	0.46	0.09	0.26	0.37	0.07	0.21
2,3-Dimethylbutane	0.20	0.22	0.04	0.13	0.49	0.08	0.29	0.68	0.11	0.40
2-Methylpentane	0.13	1.99	0.33	1.18	6.63	1.11	3.93	2.00	0.33	1.19
3-Methylpentane	0.22	0.34	0.06	0.20	0.78	0.13	0.46	0.73	0.12	0.43
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.20	U 0.03	U 0.12	0.94	0.16	0.56	0.54	0.09	0.32
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.35	0.06	0.21	0.60	0.10	0.36	1.02	0.17	0.61
trans-2-Hexene	0.21	ND	ND	ND	0.29	U 0.05	U 0.17	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	0.25	U 0.04	U 0.15	ND	ND	ND
Methylcyclopentane	0.21	0.33	0.06	0.19	1.78	0.30	1.03	0.53	0.09	0.31
2,4-Dimethylpentane	0.22	0.18	U 0.03	U 0.09	0.38	0.05	0.19	0.50	0.07	0.25
Benzene	0.18	1.02	0.17	0.55	0.76	0.13	0.41	1.02	0.17	0.55
Cyclohexane	0.16	0.21	0.04	0.12	0.79	0.13	0.45	0.53	0.09	0.31
2-Methylhexane	0.21	0.93	0.13	0.55	NR	NR	NR	0.47	0.07	0.28
2,3-Dimethylpentane	0.28	0.34	0.05	0.20	0.34	0.05	0.20	0.66	0.09	0.39
3-Methylhexane	0.17	NR	NR	NR	NR	NR	NR	0.57	0.08	0.33
1-Heptene	0.17	ND	ND	ND	0.41	0.06	0.24	0.13	U 0.02	U 0.07
2,2,4-Trimethylpentane	0.19	1.06	0.13	0.63	1.23	0.15	0.72	0.72	0.09	0.43
n-Heptane	0.23	0.20	U 0.03	U 0.12	0.47	0.07	0.28	0.60	0.09	0.35
Methylcyclohexane	0.25	0.34	0.05	0.19	1.24	0.18	0.72	0.64	0.09	0.37
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.15	U 0.02	U 0.09	0.28	0.04	0.17	0.37	0.05	0.22
Toluene	0.20	0.86	0.12	0.46	2.00	0.29	1.09	2.44	0.35	1.32
2-Methylheptane	0.17	ND	ND	ND	0.20	0.03	0.12	0.30	0.04	0.17
3-Methylheptane	0.20	ND	ND	ND	0.23	0.03	0.14	0.33	0.04	0.19
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.13	U 0.02	U 0.07	0.47	0.06	0.27	0.46	0.06	0.27
Ethylbenzene	0.21	0.20	U 0.03	U 0.12	0.49	0.06	0.30	0.46	0.06	0.27
m-Xylene/p-Xylene	0.16	0.43	0.05	0.24	1.65	0.21	0.90	1.09	0.14	0.60
Styrene	0.20	ND	ND	ND	ND	ND	ND	0.18	U 0.02	U 0.09
o-Xylene	0.19	0.20	0.02	0.11	0.67	0.08	0.37	0.48	0.06	0.26
1-Nonene	0.19	ND	ND	ND	0.20	U 0.02	U 0.12	ND	ND	ND
n-Nonane	0.11	0.14	0.02	0.08	0.34	0.04	0.20	0.37	0.04	0.22
Isopropylbenzene	0.18	ND	ND	ND	0.28	0.03	0.15	0.18	U 0.02	U 0.10
a-Pinene	0.18	0.24	U 0.02	U 0.14	0.42	0.04	0.24	0.71	0.07	0.40
n-Propylbenzene	0.21	0.25	0.03	0.14	0.34	0.04	0.19	0.14	U 0.02	U 0.08
m-Ethyltoluene	0.15	0.16	0.02	0.09	0.23	0.03	0.13	0.27	0.03	0.15
p-Ethyltoluene	0.19	ND	ND	ND	0.26	0.03	0.14	0.22	0.02	0.12
1,3,5-Trimethylbenzene	0.18	ND	ND	ND	0.18	0.02	0.10	0.25	0.03	0.14
o-Ethyltoluene	0.22	ND	ND	ND	0.41	0.05	0.23	0.32	0.04	0.18
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.21	U 0.02	U 0.11	0.43	0.05	0.24	0.49	0.05	0.27
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.13	U 0.01	U 0.08	0.43	0.04	0.25	0.46	0.05	0.27
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	0.30	0.03	0.16	0.19	U 0.02	U 0.10
m-Diethylbenzene	0.20	0.18	U 0.02	U 0.10	0.36	0.04	0.20	0.21	0.02	0.12
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	0.13	U 0.01	U 0.07
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	ND	ND	ND	0.40	0.04	0.23	0.33	0.03	0.19
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	ND	ND	ND	0.30	U 0.02	U 0.18	0.18	U 0.01	U 0.10
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		46.86	11.53	27.11	62.61	13.99	36.22	50.18	12.08	29.32
TNMOC, ppbC (w/ unknowns)		130.01	130.01	130.01	374.65	374.65	374.65	83.68	83.68	83.68

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.: Sampling Date: Analysis Date: Filename:		BTMO 35687 9/12/2003 10/8/2003 L3JH006			BTMO 35829 9/18/2003 10/10/2003 L3JH019			BTMO 35982 9/24/2003 10/14/2003 L3JN010		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.37	0.68	0.79	2.10	1.05	1.21	1.13	0.56	0.65
Acetylene	0.11	1.36	0.68	0.73	1.54	0.77	0.83	1.04	0.52	0.56
Ethane	0.17	5.96	2.98	3.70	6.17	3.09	3.83	5.77	2.88	3.58
Propylene	0.11	0.79	0.26	0.46	1.51	0.50	0.88	0.68	0.23	0.39
Propane	0.19	4.92	1.64	2.98	5.01	1.67	3.04	5.32	1.77	3.23
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.15	0.29	0.69	5.56	1.39	3.33	1.11	0.28	0.66
Isobutene/1-Butene	0.17	0.80	0.20	0.46	2.04	0.51	1.18	0.72	0.18	0.42
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	2.55	0.84	1.53	3.55	0.89	2.13	2.10	0.52	1.26
trans-2-Butene	0.17	0.31	0.08	0.18	0.60	0.15	0.35	0.69	0.17	0.40
cis-2-Butene	0.16	0.35	0.09	0.20	0.44	0.11	0.25	0.40	0.10	0.23
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.49	0.70	2.08	5.26	1.05	3.13	1.83	0.37	1.09
1-Pentene	0.20	0.31	0.06	0.18	1.82	0.36	1.05	0.30	0.06	0.18
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Pentane	0.19	2.57	0.51	1.53	2.60	0.52	1.55	1.18	0.24	0.70
Isoprene	0.20	2.17	0.43	1.22	2.55	0.51	1.43	4.27	0.85	2.40
trans-2-Pentene	0.21	0.29	0.06	0.17	0.29	0.06	0.17	0.27	0.05	0.16
cis-2-Pentene	0.22	0.32	0.06	0.19	0.34	0.07	0.20	0.32	0.06	0.19
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.76	0.13	0.45	1.23	0.21	0.73	0.61	0.10	0.36
Cyclopentene	0.20	ND	ND	ND	0.14	U	0.03	U	0.04	U
4-Methyl-1-pentene	0.20	ND	ND	ND	0.33	0.06	0.19	ND	ND	ND
Cyclopentane	0.20	0.35	0.07	0.20	0.40	0.08	0.23	0.39	0.08	0.23
2,3-Dimethylbutane	0.20	0.59	0.10	0.35	0.67	0.11	0.39	0.58	0.10	0.34
2-Methylpentane	0.13	2.06	0.34	1.22	2.23	0.37	1.32	2.11	0.35	1.25
3-Methylpentane	0.22	0.89	0.15	0.53	0.58	0.10	0.34	0.49	0.08	0.29
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.54	0.09	0.32	2.00	0.33	1.18	0.50	0.08	0.30
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.15	0.19	0.68	1.19	0.20	0.71	0.63	0.10	0.37
trans-2-Hexene	0.21	0.14	U	0.02	U	0.09	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.63	0.10	0.36	0.42	0.07	0.24	0.59	0.10	0.34
2,4-Dimethylpentane	0.22	0.43	0.06	0.22	0.57	0.08	0.29	0.43	0.06	0.22
Benzene	0.18	1.10	0.18	0.59	1.08	0.18	0.58	0.94	0.16	0.51
Cyclohexane	0.16	0.52	0.09	0.30	0.49	0.08	0.28	0.44	0.07	0.26
2-Methylhexane	0.21	0.93	0.13	0.55	0.83	0.12	0.49	0.69	0.10	0.41
2,3-Dimethylpentane	0.28	0.70	0.10	0.41	0.68	0.10	0.40	0.60	0.09	0.35
3-Methylhexane	0.17	0.47	0.07	0.28	ND	ND	ND	0.28	0.04	0.16
1-Heptene	0.17	0.14	U	0.02	U	0.08	1.44	0.21	0.83	ND
2,2,4-Trimethylpentane	0.19	0.58	0.07	0.34	0.66	0.08	0.39	0.66	0.08	0.39
n-Heptane	0.23	0.81	0.12	0.48	0.90	0.13	0.53	0.34	0.05	0.20
Methylcyclohexane	0.25	0.70	0.10	0.41	0.55	0.08	0.32	0.57	0.08	0.33
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.31	0.04	0.18	0.37	0.05	0.22	0.26	0.03	0.15
Toluene	0.20	1.29	0.18	0.70	1.20	0.17	0.65	1.20	0.17	0.65
2-Methylheptane	0.17	0.40	0.05	0.24	0.41	0.05	0.24	0.27	0.03	0.16
3-Methylheptane	0.20	0.45	0.06	0.26	0.34	0.04	0.20	0.27	0.03	0.16
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.77	0.10	0.45	1.00	0.12	0.59	0.33	0.04	0.19
Ethylbenzene	0.21	0.36	0.05	0.22	0.44	0.05	0.26	0.37	0.05	0.22
m-Xylene/p-Xylene	0.16	0.91	0.11	0.50	0.98	0.12	0.53	0.92	0.11	0.50
Styrene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.19	0.38	0.05	0.21	0.50	0.06	0.27	0.37	0.05	0.20
1-Nonene	0.19	0.16	U	0.02	U	0.09	1.24	0.14	0.71	ND
n-Nonane	0.11	0.70	0.08	0.41	0.87	0.10	0.51	0.23	0.03	0.14
Isopropylbenzene	0.18	0.22	0.02	0.12	0.28	0.03	0.15	0.19	0.02	0.10
a-Pinene	0.18	0.35	0.03	0.20	0.62	0.06	0.35	0.25	U	0.14
n-Propylbenzene	0.21	0.20	U	0.02	U	0.11	0.65	0.07	0.36	0.17
m-Ethyltoluene	0.15	0.24	0.03	0.13	0.25	0.03	0.14	0.20	0.02	0.11
p-Ethyltoluene	0.19	0.34	0.04	0.19	0.26	0.03	0.14	0.19	0.02	0.11
1,3,5-Trimethylbenzene	0.18	0.35	0.04	0.19	0.22	0.02	0.12	0.21	0.02	0.11
o-Ethyltoluene	0.22	0.29	0.03	0.16	0.29	0.03	0.16	0.18	U	0.10
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.42	0.05	0.23	0.94	0.10	0.52	0.38	0.04	0.21
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.81	0.08	0.47	0.64	0.06	0.37	0.28	0.03	0.16
1,2,3-Trimethylbenzene	0.19	0.22	0.02	0.12	0.25	0.03	0.14	0.18	U	0.10
m-Diethylbenzene	0.20	0.31	0.03	0.17	0.21	0.02	0.12	0.19	U	0.11
p-Diethylbenzene	0.22	0.17	U	0.02	U	0.09	0.13	U	0.01	U
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.61	0.06	0.35	0.36	0.03	0.21	0.22	U	0.13
1-Dodecene	0.24	ND	ND	ND	0.19	U	0.02	U	0.11	ND
n-Dodecane	0.49	0.30	U	0.03	U	0.18	0.21	U	0.02	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		52.75	12.73	30.93	70.56	16.78	41.36	45.01	11.45	26.36
TNMOC, ppbC (w/ unknowns)		130.38	130.38	130.38	142.38	142.38	142.38	98.54	98.54	98.54

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.: Sampling Date: Analysis Date: Filename:		BTMO 36017 9/30/2003 10/14/2003 L3JN014				BTMO 36106 10/6/2003 10/15/2003 L3JO010				BTMO 36209 10/12/2003 10/17/2003 L3JP017			
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	
Ethylene	0.15	1.52	0.76	0.88		1.39	0.70	0.81		1.03	0.51	0.59	
Acetylene	0.11	1.35	0.67	0.72		1.22	0.61	0.66		1.02	0.51	0.55	
Ethane	0.17	3.49	1.75	2.17		3.37	1.68	2.09		3.67	1.84	2.28	
Propylene	0.11	0.81	0.27	0.47		0.79	0.26	0.45		0.65	0.22	0.38	
Propane	0.19	5.55	1.85	3.37		6.03	2.01	3.66		6.98	2.33	4.23	
Propyne	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isobutane	0.14	0.76	0.19	0.45		0.68	0.17	0.41		0.84	0.21	0.50	
Isobutene/1-Butene	0.17	0.82	0.21	0.47		0.78	0.20	0.45		0.79	0.20	0.46	
1,3-Butadiene	0.17	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Butane	0.17	1.52	0.38	0.91		1.65	0.41	0.99		1.74	0.44	1.04	
trans-2-Butene	0.17	0.38	0.09	0.22		0.31	0.08	0.18		0.23	0.06	0.13	
cis-2-Butene	0.16	0.39	0.10	0.23		0.39	0.10	0.23		0.42	0.10	0.24	
3-Methyl-1-butene	0.16	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isopentane	0.19	1.98	0.40	1.18		2.07	0.41	1.23		1.21	0.24	0.72	
1-Pentene	0.20	0.30	0.06	0.18		0.28	0.06	0.16		0.37	0.07	0.22	
2-Methyl-1-butene	0.20	0.13	U	0.03	U	0.08	ND	ND		ND	ND	ND	
n-Pentane	0.19	1.48	0.30	0.88		1.56	0.31	0.93		1.32	0.26	0.78	
Isoprene	0.20	0.79	0.16	0.44		1.84	0.37	1.04		0.63	0.13	0.36	
trans-2-Pentene	0.21	0.29	0.06	0.17		0.33	0.07	0.20		0.29	0.06	0.17	
cis-2-Pentene	0.22	0.33	0.07	0.20		0.35	0.07	0.21		0.37	0.07	0.22	
2-Methyl-2-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
2,2-Dimethylbutane	0.20	0.79	0.13	0.47		0.68	0.11	0.40		0.63	0.10	0.37	
Cyclopentene	0.20	ND	ND	ND		0.20	U	0.04	U	0.11	0.24	0.05	0.13
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Cyclopentane	0.20	0.43	0.09	0.25		0.37	0.07	0.22		0.31	0.06	0.18	
2,3-Dimethylbutane	0.20	0.64	0.11	0.38		0.65	0.11	0.39		0.62	0.10	0.37	
2-Methylpentane	0.13	2.79	0.46	1.65		1.89	0.31	1.12		1.57	0.26	0.93	
3-Methylpentane	0.22	0.61	0.10	0.36		0.58	0.10	0.34		0.86	0.14	0.51	
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1-Hexene	0.32	0.43	0.07	0.25		0.47	0.08	0.28		0.56	0.09	0.33	
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Hexane	0.21	0.67	0.11	0.40		0.62	0.10	0.36		1.15	0.19	0.68	
trans-2-Hexene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Methylcyclopentane	0.21	0.46	0.08	0.27		0.42	0.07	0.24		0.54	0.09	0.31	
2,4-Dimethylpentane	0.22	0.48	0.07	0.25		0.53	0.08	0.27		0.50	0.07	0.25	
Benzene	0.18	0.99	0.17	0.53		0.90	0.15	0.48		0.84	0.14	0.45	
Cyclohexane	0.16	0.44	0.07	0.25		0.45	0.08	0.26		0.46	0.08	0.27	
2-Methylhexane	0.21	0.34	0.05	0.20		0.36	0.05	0.21		0.32	0.05	0.19	
2,3-Dimethylpentane	0.28	0.77	0.11	0.45		0.63	0.09	0.37		0.70	0.10	0.42	
3-Methylhexane	0.17	0.37	0.05	0.22		0.47	0.07	0.28		0.44	0.06	0.26	
1-Heptene	0.17	ND	ND	ND		ND	ND	ND		0.14	U	0.02	U
2,2,4-Trimethylpentane	0.19	0.73	0.09	0.43		0.69	0.09	0.41		0.52	0.07	0.31	
n-Heptane	0.23	0.38	0.05	0.22		0.35	0.05	0.20		0.32	0.05	0.19	
Methylcyclohexane	0.25	0.46	0.07	0.26		0.51	0.07	0.30		0.42	0.06	0.24	
2,2,3-Trimethylpentane	0.25	ND	ND	ND		ND	ND	ND		ND	ND	ND	
2,3,4-Trimethylpentane	0.20	0.35	0.04	0.21		0.30	0.04	0.18		0.28	0.04	0.17	
Toluene	0.20	1.19	0.17	0.64		1.01	0.14	0.55		0.90	0.13	0.49	
2-Methylheptane	0.17	0.30	0.04	0.18		0.26	0.03	0.15		0.25	0.03	0.15	
3-Methylheptane	0.20	0.25	0.03	0.15		0.24	0.03	0.14		0.27	0.03	0.16	
1-Octene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Octane	0.21	0.34	0.04	0.20		0.30	0.04	0.18		0.31	0.04	0.18	
Ethylbenzene	0.21	0.40	0.05	0.24		0.36	0.05	0.22		0.32	0.04	0.19	
m-Xylene/p-Xylene	0.16	0.94	0.12	0.51		0.84	0.10	0.46		0.79	0.10	0.43	
Styrene	0.20	0.14	U	0.02	U	0.08	ND	ND		0.13	U	0.02	U
o-Xylene	0.19	0.45	0.06	0.25		0.39	0.05	0.21		0.38	0.05	0.21	
1-Nonene	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Nonane	0.11	0.25	0.03	0.15		0.25	0.03	0.15		0.23	0.03	0.14	
Isopropylbenzene	0.18	0.23	0.03	0.13		0.22	0.02	0.12		0.25	0.03	0.14	
a-Pinene	0.18	0.36	0.04	0.20		0.29	0.03	0.16		0.19	U	0.02	U
n-Propylbenzene	0.21	0.19	U	0.02	U	0.10	0.15	U	0.02	U	0.08	0.15	U
m-Ethyltoluene	0.15	0.29	0.03	0.16		0.26	0.03	0.14		0.59	0.07	0.33	
p-Ethyltoluene	0.19	0.26	0.03	0.14		0.22	0.02	0.12		0.21	0.02	0.12	
1,3,5-Trimethylbenzene	0.18	0.25	0.03	0.14		0.21	0.02	0.12		0.22	0.02	0.12	
o-Ethyltoluene	0.22	0.21	U	0.02	U	0.12	0.24	0.03	0.13	0.24	0.03	0.13	
b-Pinene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1,2,4-Trimethylbenzene	0.21	0.42	0.05	0.23		0.42	0.05	0.23		0.40	0.04	0.22	
1-Decene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Decane	0.25	0.29	0.03	0.17		0.29	0.03	0.17		0.26	0.03	0.15	
1,2,3-Trimethylbenzene	0.19	0.20	0.02	0.11		0.18	U	0.02	U	0.10	0.63	0.07	0.35
m-Diethylbenzene	0.20	0.25	0.02	0.14		0.29	0.03	0.16		0.20	U	0.02	U
p-Diethylbenzene	0.22	0.13	U	0.01	U	0.07	ND	ND		ND	ND	ND	
1-Undecene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Undecane	0.24	0.28	0.03	0.16		0.26	0.02	0.15		0.16	U	0.01	U
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Dodecane	0.49	0.14	U	0.01	U	0.08	0.13	U	0.01	U	0.08	ND	
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
TNMOC (speciated)		41.76	10.17	24.41		40.90	10.06	23.92		40.03	9.90	23.46	
TNMOC, ppbC (w/ unknowns)		209.26	209.26	209.26		74.71	74.71	74.71		90.67	90.67	90.67	

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 36269			BTMO 36395 D1			BTMO 36395 R1		
Sampling Date:		10/18/2003			10/24/2003			10/24/2003		
Analysis Date:		10/22/2003			11/19/2003			11/21/2003		
Filename:		L3JV007			L3KS014			L3KT009		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.84	0.92	1.06	1.64	0.82	0.95	1.84	0.92	1.06
Acetylene	0.11	1.79	0.90	0.96	1.59	0.79	0.85	1.84	0.92	0.99
Ethane	0.17	4.46	2.23	2.77	5.26	2.63	3.26	5.53	2.76	3.43
Propylene	0.11	0.96	0.32	0.56	0.68	0.23	0.39	0.92	0.31	0.53
Propane	0.19	11.03	3.68	6.69	6.37	2.12	3.86	7.00	2.33	4.24
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.15	0.29	0.69	0.97	0.24	0.58	1.28	0.32	0.77
Isobutene/1-Butene	0.17	0.86	0.21	0.50	0.77	0.19	0.45	1.00	0.25	0.58
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	2.96	0.74	1.78	2.68	0.67	1.60	3.17	0.79	1.90
trans-2-Butene	0.17	0.38	0.10	0.22	ND	ND	ND	0.44	0.11	0.25
cis-2-Butene	0.16	0.40	0.10	0.23	ND	ND	ND	0.43	0.11	0.25
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.82	0.56	1.68	NR	NR	NR	1.38	0.28	0.82
1-Pentene	0.20	0.41	0.08	0.24	ND	ND	ND	0.52	0.10	0.30
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Pentane	0.19	1.73	0.35	1.03	1.36	0.27	0.81	1.64	0.33	0.98
Isoprene	0.20	0.64	0.13	0.36	0.17	U	0.03	U	0.09	0.52
trans-2-Pentene	0.21	0.34	0.07	0.20	ND	ND	ND	0.31	0.06	0.18
cis-2-Pentene	0.22	0.38	0.08	0.22	ND	ND	ND	0.39	0.08	0.23
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.68	0.11	0.40	0.25	0.04	0.15	0.66	0.11	0.39
Cyclopentene	0.20	0.60	0.12	0.33	0.68	0.14	0.38	0.41	0.08	0.23
4-Methyl-1-pentene	0.20	0.25	U	0.04	U	0.15	0.09	U	0.02	U
Cyclopentane	0.20	0.41	0.08	0.24	0.16	U	0.03	U	0.09	0.33
2,3-Dimethylbutane	0.20	0.69	0.11	0.41	ND	ND	ND	0.65	0.11	0.39
2-Methylpentane	0.13	2.26	0.38	1.34	0.89	0.15	0.53	1.19	0.20	0.71
3-Methylpentane	0.22	0.69	0.11	0.41	0.28	0.05	0.17	0.93	0.15	0.55
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.57	0.10	0.34	0.42	0.07	0.25	0.84	0.14	0.50
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.75	0.13	0.45	1.18	0.20	0.70	0.76	0.13	0.45
trans-2-Hexene	0.21	ND	ND	ND	0.21	U	0.04	U	0.13	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.80	0.13	0.46	0.46	0.08	0.27	0.61	0.10	0.35
2,4-Dimethylpentane	0.22	0.49	0.07	0.25	ND	ND	ND	0.43	0.06	0.22
Benzene	0.18	1.38	0.23	0.74	1.28	0.21	0.69	1.50	0.25	0.80
Cyclohexane	0.16	0.52	0.09	0.30	ND	ND	ND	0.55	0.09	0.32
2-Methylhexane	0.21	0.67	0.10	0.40	0.43	0.06	0.25	0.67	0.10	0.39
2,3-Dimethylpentane	0.28	0.71	0.10	0.42	ND	ND	ND	0.76	0.11	0.45
3-Methylhexane	0.17	0.42	0.06	0.25	ND	ND	ND	0.48	0.07	0.28
1-Heptene	0.17	0.30	0.04	0.18	0.37	0.05	0.21	0.42	0.06	0.24
2,2,4-Trimethylpentane	0.19	0.77	0.10	0.45	0.20	0.03	0.12	0.52	0.07	0.31
n-Heptane	0.23	0.40	0.06	0.23	0.26	0.04	0.15	0.54	0.08	0.32
Methylcyclohexane	0.25	0.54	0.08	0.31	0.27	0.04	0.15	0.53	0.08	0.31
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.33	0.04	0.19	ND	ND	ND	0.36	0.05	0.21
Toluene	0.20	1.52	0.22	0.83	1.39	0.20	0.75	1.65	0.24	0.90
2-Methylheptane	0.17	0.28	0.03	0.16	ND	ND	ND	0.32	0.04	0.19
3-Methylheptane	0.20	0.32	0.04	0.19	ND	ND	ND	0.27	0.03	0.16
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.40	0.05	0.24	0.21	0.03	0.13	0.46	0.06	0.27
Ethylbenzene	0.21	0.48	0.06	0.29	0.36	0.05	0.22	0.47	0.06	0.28
m-Xylene/p-Xylene	0.16	1.47	0.18	0.81	0.83	0.10	0.45	1.07	0.13	0.58
Styrene	0.20	0.13	U	0.02	U	0.07	0.61	0.08	0.33	0.59
o-Xylene	0.19	0.51	0.06	0.28	0.29	0.04	0.16	0.42	0.05	0.23
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.31	0.03	0.18	0.18	0.02	0.10	0.37	0.04	0.22
Isopropylbenzene	0.18	0.31	0.03	0.17	0.16	U	0.02	U	0.09	0.38
a-Pinene	0.18	0.37	0.04	0.21	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.26	0.03	0.14	0.21	0.02	0.12	0.35	0.04	0.19
m-Ethyltoluene	0.15	0.41	0.05	0.23	0.16	0.02	0.09	0.30	0.03	0.16
p-Ethyltoluene	0.19	0.30	0.03	0.16	0.22	0.02	0.12	0.40	0.04	0.22
1,3,5-Trimethylbenzene	0.18	0.32	0.04	0.17	0.19	0.02	0.11	0.30	0.03	0.17
o-Ethyltoluene	0.22	0.31	0.03	0.17	0.14	U	0.02	U	0.08	0.36
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.84	0.09	0.46	0.52	0.06	0.28	0.75	0.08	0.41
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.37	0.04	0.22	0.15	U	0.01	U	0.09	0.37
1,2,3-Trimethylbenzene	0.19	0.28	0.03	0.15	0.23	0.03	0.13	0.26	0.03	0.14
m-Diethylbenzene	0.20	0.23	0.02	0.13	0.30	0.03	0.17	0.36	0.04	0.20
p-Diethylbenzene	0.22	0.18	U	0.02	U	0.10	0.14	U	0.01	U
1-Undecene	0.22	ND	ND	ND	0.14	U	0.01	U	0.08	ND
n-Undecane	0.24	0.28	0.03	0.16	0.22	U	0.02	U	0.13	0.38
1-Dodecene	0.24	ND	ND	ND	0.35	U	0.03	U	0.20	0.28
n-Dodecane	0.49	0.15	U	0.01	U	0.09	0.24	U	0.02	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (specified)		56.39	14.20	33.03	36.18	10.08	21.20	52.09	13.12	30.45
TNMOC, ppbC (w/ unknowns)		138.77	138.77	138.77	118.05	118.05	118.05	83.69	83.69	83.69

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 36397 D2				BTMO 36397 R2			BTMO 36522					
Sampling Date:		10/24/2003				10/24/2003			10/30/2003					
Analysis Date:		11/20/2003				11/21/2003			11/20/2003					
Filename:		L3KS015				L3KT010			L3KT006					
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³				
Ethylene	0.15	1.63	0.82	0.94	1.83	0.91	1.06	1.69	0.85	0.98				
Acetylene	0.11	1.49	0.75	0.80	1.85	0.93	1.00	1.55	0.78	0.83				
Ethane	0.17	5.23	2.61	3.24	5.48	2.74	3.40	9.72	4.86	6.03				
Propylene	0.11	0.49	0.16	0.28	0.73	0.24	0.42	0.91	0.30	0.53				
Propane	0.19	6.21	2.07	3.77	6.89	2.30	4.18	7.84	2.61	4.75				
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isobutane	0.14	0.88	0.22	0.53	1.25	0.31	0.75	2.19	0.55	1.31				
Isobutene/1-Butene	0.17	0.42	0.11	0.24	0.66	0.17	0.38	1.25	0.31	0.72				
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Butane	0.17	2.62	0.65	1.57	3.08	0.77	1.84	3.73	0.93	2.24				
trans-2-Butene	0.17	ND	ND	ND	0.72	0.18	0.42	0.42	0.10	0.24				
cis-2-Butene	0.16	ND	ND	ND	0.44	0.11	0.26	0.45	0.11	0.26				
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isopentane	0.19	1.74	0.35	1.04	2.31	0.46	1.38	2.80	0.56	1.66				
1-Pentene	0.20	ND	ND	ND	0.34	0.07	0.20	0.58	0.12	0.34				
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Pentane	0.19	1.28	0.26	0.76	1.49	0.30	0.89	1.68	0.34	1.00				
Isoprene	0.20	ND	ND	ND	0.42	0.08	0.24	0.41	0.08	0.23				
trans-2-Pentene	0.21	ND	ND	ND	0.30	0.06	0.18	0.28	0.06	0.17				
cis-2-Pentene	0.22	ND	ND	ND	0.36	0.07	0.22	0.35	0.07	0.21				
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND				
2,2-Dimethylbutane	0.20	0.26	0.04	0.15	0.69	0.11	0.41	0.74	0.12	0.44				
Cyclopentene	0.20	0.55	0.11	0.31	0.44	0.09	0.25	0.81	0.16	0.46				
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Cyclopentane	0.20	0.13	U	0.03	U	0.08	0.42	0.08	0.24	0.33	0.07	0.19		
2,3-Dimethylbutane	0.20	0.14	U	0.02	U	0.08	0.65	0.11	0.38	0.62	0.10	0.37		
2-Methylpentane	0.13	0.38	0.06	0.22	1.01	0.17	0.60	1.57	0.26	0.93				
3-Methylpentane	0.22	0.48	0.08	0.28	0.93	0.15	0.55	0.70	0.12	0.41				
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1-Hexene	0.32	ND	ND	ND	0.59	0.10	0.35	0.79	0.13	0.47				
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Hexane	0.21	0.67	0.11	0.40	1.02	0.17	0.60	1.30	0.22	0.77				
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND				
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Methylcyclopentane	0.21	0.20	U	0.03	U	0.12	0.48	0.08	0.28	0.56	0.09	0.33		
2,4-Dimethylpentane	0.22	ND	ND	ND	0.48	0.07	0.24	0.51	0.07	0.26				
Benzene	0.18	1.19	0.20	0.64	1.45	0.24	0.78	1.55	0.26	0.83				
Cyclohexane	0.16	ND	ND	ND	0.56	0.09	0.32	0.59	0.10	0.34				
2-Methylhexane	0.21	ND	ND	ND	0.61	0.09	0.36	0.67	0.10	0.40				
2,3-Dimethylpentane	0.28	ND	ND	ND	0.81	0.12	0.48	0.56	0.08	0.33				
3-Methylhexane	0.17	0.79	0.11	0.47	0.40	0.06	0.24	0.52	0.07	0.31				
1-Heptene	0.17	0.31	0.04	0.18	0.14	U	0.02	U	0.08	0.43	0.06	0.25		
2,2,4-Trimethylpentane	0.19	0.19	0.02	0.11	0.57	0.07	0.33	0.47	0.06	0.27				
n-Heptane	0.23	0.27	0.04	0.16	0.48	0.07	0.28	0.52	0.07	0.30				
Methylcyclohexane	0.25	0.20	U	0.03	U	0.11	0.48	0.07	0.28	0.47	0.07	0.27		
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND				
2,3,4-Trimethylpentane	0.20	0.14	U	0.02	U	0.08	0.37	0.05	0.22	0.33	0.04	0.19		
Toluene	0.20	1.28	0.18	0.70	1.59	0.23	0.86	1.37	0.20	0.75				
2-Methylheptane	0.17	0.33	0.04	0.19	0.32	0.04	0.19	0.33	0.04	0.19				
3-Methylheptane	0.20	ND	ND	ND	0.29	0.04	0.17	0.29	0.04	0.17				
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Octane	0.21	0.19	U	0.02	U	0.11	0.48	0.06	0.28	0.46	0.06	0.27		
Ethylbenzene	0.21	0.29	0.04	0.17	0.39	0.05	0.23	0.37	0.05	0.22				
m-Xylene/p-Xylene	0.16	0.56	0.07	0.31	0.75	0.09	0.41	0.91	0.11	0.50				
Styrene	0.20	0.79	0.10	0.42	0.80	0.10	0.43	1.79	0.22	0.96				
o-Xylene	0.19	0.27	0.03	0.15	0.40	0.05	0.22	0.43	0.05	0.23				
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Nonane	0.11	0.15	0.02	0.09	0.32	0.04	0.19	0.41	0.05	0.24				
Isopropylbenzene	0.18	0.15	U	0.02	U	0.08	0.40	0.04	0.22	0.39	0.04	0.21		
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Propylbenzene	0.21	0.19	U	0.02	U	0.10	0.34	0.04	0.18	0.41	0.05	0.22		
m-Ethyltoluene	0.15	0.16	0.02	0.09	0.31	0.03	0.17	0.35	0.04	0.19				
p-Ethyltoluene	0.19	0.26	0.03	0.14	0.49	0.05	0.27	0.44	0.05	0.24				
1,3,5-Trimethylbenzene	0.18	0.14	U	0.02	U	0.08	0.31	0.03	0.17	0.28	0.03	0.15		
o-Ethyltoluene	0.22	0.14	U	0.02	U	0.08	0.37	0.04	0.20	0.41	0.05	0.23		
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,2,4-Trimethylbenzene	0.21	0.36	0.04	0.20	0.55	0.06	0.31	0.81	0.09	0.45				
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Decane	0.25	0.14	U	0.01	U	0.08	0.34	0.03	0.20	0.43	0.04	0.25		
1,2,3-Trimethylbenzene	0.19	0.16	U	0.02	U	0.09	0.31	0.03	0.17	0.39	0.04	0.21		
m-Diethylbenzene	0.20	0.31	0.03	0.17	0.44	0.04	0.24	0.52	0.05	0.29				
p-Diethylbenzene	0.22	0.13	U	0.01	U	0.07	0.30	0.03	0.17	0.22	0.02	0.12		
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.23	U	0.02	U	0.13		
n-Undecane	0.24	0.18	U	0.02	U	0.10	0.40	0.04	0.23	0.51	0.05	0.30		
1-Dodecene	0.24	0.35	U	0.03	U	0.20	0.29	U	0.02	U	0.17	0.66	0.06	0.38
n-Dodecane	0.49	0.24	U	0.02	U	0.14	0.44	U	0.04	U	0.26	0.56	0.05	0.33
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	0.21	U	0.02	U	0.12		
TNMOC (speciated)		34.66	9.75	20.35	51.34	12.94	30.01	63.04	16.38	36.99				
TNMOC, ppbC (w/ unknowns)		74.77	74.77	74.77	86.99	86.99	86.99	110.22	110.22	110.22				

* Should be considered an estimate, the daily QC failed criteria for ethylene.
Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		BTMO 36593				BTMO 36625			BTMO 36679		
Sampling Date:		11/5/2003				11/11/2003			11/17/2003		
Analysis Date:		12/2/2003				12/3/2003			12/8/2003		
Filename:		L3LA033				L3LC010			L3LH012		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	
Ethylene	0.15	1.95	0.98	1.13	2.15	1.08	1.24	3.52	1.76	2.04	
Acetylene	0.11	2.10	1.05	1.13	2.48	1.24	1.33	1.69	0.85	0.91	
Ethane	0.17	4.97	2.49	3.09	9.32	4.66	5.78	7.74	3.87	4.80	
Propylene	0.11	0.92	0.31	0.53	0.84	0.28	0.48	1.27	0.42	0.74	
Propane	0.19	4.89	1.63	2.97	9.38	3.13	5.69	6.81	2.27	4.13	
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Isobutane	0.14	1.16	0.29	0.69	2.64	0.66	1.58	1.78	0.45	1.07	
Isobutene/1-Butene	0.17	1.10	0.27	0.63	0.82	0.21	0.48	2.10	0.52	1.21	
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Butane	0.17	2.95	0.74	1.77	5.06	1.26	3.03	3.48	0.87	2.08	
trans-2-Butene	0.17	0.28	0.07	0.16	0.26	0.06	0.15	ND	ND	ND	
cis-2-Butene	0.16	0.36	0.09	0.21	0.39	0.10	0.23	ND	ND	ND	
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Isopentane	0.19	2.14	0.43	1.27	3.43	0.69	2.04	2.21	0.44	1.32	
1-Pentene	0.20	0.42	0.08	0.24	0.46	0.09	0.27	0.22	0.04	0.13	
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	0.17	U	0.03	
n-Pentane	0.19	1.41	0.28	0.84	2.39	0.48	1.42	1.70	0.34	1.01	
Isoprene	0.20	0.33	0.07	0.19	0.36	0.07	0.20	ND	ND	ND	
trans-2-Pentene	0.21	0.28	0.06	0.17	0.27	0.05	0.16	0.14	U	0.03	
cis-2-Pentene	0.22	0.32	0.06	0.19	0.31	0.06	0.19	ND	ND	ND	
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,2-Dimethylbutane	0.20	0.69	0.12	0.41	0.77	0.13	0.46	0.39	0.06	0.23	
Cyclopentene	0.20	0.44	0.09	0.25	0.73	0.15	0.41	0.44	0.09	0.25	
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Cyclopentane	0.20	0.25	0.05	0.14	0.33	0.07	0.19	ND	ND	ND	
2,3-Dimethylbutane	0.20	0.62	0.10	0.37	0.65	0.11	0.39	0.13	U	0.02	
2-Methylpentane	0.13	1.69	0.28	1.00	1.92	0.32	1.14	4.84	0.81	2.87	
3-Methylpentane	0.22	1.29	0.22	0.76	0.79	0.13	0.47	0.50	0.08	0.30	
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1-Hexene	0.32	0.66	0.11	0.39	0.57	0.10	0.34	0.28	U	0.05	
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Hexane	0.21	2.11	0.35	1.25	1.20	0.20	0.71	0.90	0.15	0.53	
trans-2-Hexene	0.21	0.13	U	0.02	U	0.07	ND	ND	ND	ND	
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methylcyclopentane	0.21	1.03	0.17	0.60	0.66	0.11	0.38	1.10	0.18	0.64	
2,4-Dimethylpentane	0.22	0.42	0.06	0.21	0.47	0.07	0.24	ND	ND	ND	
Benzene	0.18	1.48	0.25	0.80	1.89	0.31	1.01	1.39	0.23	0.75	
Cyclohexane	0.16	0.49	0.08	0.28	0.58	0.10	0.33	0.16	U	0.03	
2-Methylhexane	0.21	1.06	0.15	0.63	0.95	0.14	0.56	2.56	0.37	1.51	
2,3-Dimethylpentane	0.28	0.66	0.09	0.39	0.66	0.09	0.39	0.24	U	0.03	
3-Methylhexane	0.17	0.40	0.06	0.24	0.39	0.06	0.23	ND	ND	ND	
1-Heptene	0.17	0.30	0.04	0.17	0.16	U	0.02	U	0.09	0.25	
2,2,4-Trimethylpentane	0.19	0.58	0.07	0.34	0.69	0.09	0.40	0.61	0.08	0.36	
n-Heptane	0.23	0.48	0.07	0.28	0.52	0.07	0.30	0.26	0.04	0.15	
Methylcyclohexane	0.25	0.60	0.09	0.35	0.61	0.09	0.35	0.17	U	0.02	
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.23	0.03	0.14	
2,3,4-Trimethylpentane	0.20	0.37	0.05	0.22	0.37	0.05	0.22	0.30	0.04	0.18	
Toluene	0.20	2.02	0.29	1.10	2.07	0.30	1.13	1.32	0.19	0.72	
2-Methylheptane	0.17	0.30	0.04	0.18	0.34	0.04	0.20	ND	ND	ND	
3-Methylheptane	0.20	0.30	0.04	0.18	0.31	0.04	0.18	ND	ND	ND	
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Octane	0.21	0.42	0.05	0.24	0.45	0.06	0.26	0.17	U	0.02	
Ethylbenzene	0.21	0.55	0.07	0.33	0.54	0.07	0.33	0.26	0.03	0.15	
m-Xylene/p-Xylene	0.16	1.23	0.15	0.67	1.07	0.13	0.59	0.76	0.09	0.42	
Styrene	0.20	1.24	0.16	0.67	1.40	0.17	0.75	ND	ND	ND	
o-Xylene	0.19	0.60	0.08	0.33	0.52	0.07	0.28	0.29	0.04	0.16	
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Nonane	0.11	0.40	0.04	0.23	0.37	0.04	0.22	0.13	0.01	0.08	
Isopropylbenzene	0.18	0.35	0.04	0.19	0.34	0.04	0.19	ND	ND	ND	
a-Pinene	0.18	0.20	U	0.02	U	0.11	ND	ND	ND	ND	
n-Propylbenzene	0.21	0.40	0.04	0.22	0.42	0.05	0.23	0.13	U	0.01	
m-Ethyltoluene	0.15	0.42	0.05	0.23	0.50	0.06	0.28	0.13	U	0.01	
p-Ethyltoluene	0.19	0.46	0.05	0.25	0.56	0.06	0.31	0.13	U	0.01	
1,3,5-Trimethylbenzene	0.18	0.34	0.04	0.19	0.35	0.04	0.19	ND	ND	ND	
o-Ethyltoluene	0.22	0.40	0.04	0.22	0.42	0.05	0.23	0.12	U	0.01	
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	0.21	0.86	0.10	0.47	0.94	0.10	0.52	0.29	0.03	0.16	
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Decane	0.25	0.43	0.04	0.25	0.37	0.04	0.22	ND	ND	ND	
1,2,3-Trimethylbenzene	0.19	0.33	0.04	0.18	0.39	0.04	0.22	ND	ND	ND	
m-Diethylbenzene	0.20	0.40	0.04	0.22	0.51	0.05	0.28	0.43	0.04	0.24	
p-Diethylbenzene	0.22	0.26	0.03	0.14	0.35	0.04	0.20	ND	ND	ND	
1-Undecene	0.22	0.14	U	0.01	U	0.08	ND	ND	ND	ND	
n-Undecane	0.24	0.46	0.04	0.27	0.48	0.04	0.28	0.14	U	0.01	
1-Dodecene	0.24	0.23	U	0.02	U	0.13	0.37	U	0.03	U	
n-Dodecane	0.49	0.43	U	0.04	U	0.25	0.51	0.04	0.30	0.22	
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND	0.12	U	0.01	U	0.07	ND	
TNMOC (speciated)		54.47	12.95	31.70	69.14	18.10	40.54	52.10	14.79	30.75	
TNMOC, ppbC (w/ unknowns)		91.12	91.12	91.12	123.78	123.78	123.78	201.90	201.90	201.90	

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 36847			BTMO 36936			BTMO 37039		
Sampling Date:		11/23/2003			11/29/2003			12/5/2003		
Analysis Date:					12/16/2003			12/22/2003		
Filename:		VOID			L3LP013			L3LV006		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15				1.45	0.73	0.84	2.00	1.00	1.15
Acetylene	0.11				1.70	0.85	0.91	2.07	1.03	1.11
Ethane	0.17				5.60	2.80	3.47	6.45	3.22	4.00
Propylene	0.11				0.53	0.18	0.30	0.62	0.21	0.36
Propane	0.19				4.66	1.55	2.83	6.10	2.03	3.70
Propyne	0.19				ND	ND	ND	ND	ND	ND
Isobutane	0.14				1.03	0.26	0.62	1.57	0.39	0.94
Isobutene/1-Butene	0.17				0.47	0.12	0.27	0.48	0.12	0.28
1,3-Butadiene	0.17				ND	ND	ND	ND	ND	ND
n-Butane	0.17				2.62	0.65	1.57	3.75	0.94	2.24
trans-2-Butene	0.17				ND	ND	ND	ND	ND	ND
cis-2-Butene	0.16				ND	ND	ND	ND	ND	ND
3-Methyl-1-butene	0.16				ND	ND	ND	ND	ND	ND
Isopentane	0.19				1.49	0.30	0.89	2.06	0.41	1.22
1-Pentene	0.20				ND	ND	ND	ND	ND	ND
2-Methyl-1-butene	0.20				ND	ND	ND	ND	ND	ND
n-Pentane	0.19				1.34	0.27	0.80	1.74	0.35	1.03
Isoprene	0.20				ND	ND	ND	ND	ND	ND
trans-2-Pentene	0.21				ND	ND	ND	ND	ND	ND
cis-2-Pentene	0.22				ND	ND	ND	ND	ND	ND
2-Methyl-2-butene	0.22				ND	ND	ND	0.19	U	0.04
2,2-Dimethylbutane	0.20				ND	ND	ND	0.27	U	0.05
Cyclopentene	0.20				0.25	0.05	0.14	0.16	U	0.03
4-Methyl-1-pentene	0.20				ND	ND	ND	ND	ND	ND
Cyclopentane	0.20				ND	ND	ND	0.12	U	0.02
2,3-Dimethylbutane	0.20				0.14	U	0.02	U	0.08	0.21
2-Methylpentane	0.13				0.68	0.11	0.40	1.30	0.22	0.77
3-Methylpentane	0.22				0.38	0.06	0.23	0.54	0.09	0.32
2-Methyl-1-pentene	0.22				ND	ND	ND	ND	ND	ND
1-Hexene	0.32				ND	ND	ND	0.13	U	0.02
2-Ethyl-1-butene	0.22				ND	ND	ND	ND	ND	ND
n-Hexane	0.21				0.47	0.08	0.28	1.02	0.17	0.60
trans-2-Hexene	0.21				ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21				ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21				0.19	U	0.03	U	0.11	0.43
2,4-Dimethylpentane	0.22				ND	ND	ND	0.14	U	0.02
Benzene	0.18				1.12	0.19	0.60	1.33	0.22	0.72
Cyclohexane	0.16				ND	ND	ND	0.14	U	0.02
2-Methylhexane	0.21				0.22	0.03	0.13	0.31	0.04	0.18
2,3-Dimethylpentane	0.28				0.19	U	0.03	U	0.11	0.25
3-Methylhexane	0.17				ND	ND	ND	0.25	U	0.04
1-Heptene	0.17				ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19				0.15	U	0.02	U	0.09	0.31
n-Heptane	0.23				0.19	0.02	0.11	0.31	0.04	0.18
Methylcyclohexane	0.25				0.18	U	0.03	U	0.10	0.33
2,2,3-Trimethylpentane	0.25				ND	ND	ND	0.35	0.05	0.20
2,3,4-Trimethylpentane	0.20				ND	ND	ND	ND	ND	ND
Toluene	0.20				ND	ND	ND	ND	ND	ND
2-Methylheptane	0.17				0.75	0.11	0.41	1.72	0.25	0.93
3-Methylheptane	0.20				ND	ND	ND	0.15	U	0.02
1-Octene	0.20				ND	ND	ND	0.13	U	0.02
n-Octane	0.21				ND	ND	ND	ND	ND	ND
Ethylbenzene	0.21				ND	ND	ND	0.24	0.03	0.14
m-Xylene/p-Xylene	0.16				0.16	U	0.02	U	0.09	0.34
Styrene	0.20				0.32	0.04	0.17	0.67	0.08	0.37
o-Xylene	0.19				0.19	U	0.02	U	0.10	0.60
1-Nonene	0.19				0.15	U	0.02	U	0.08	0.26
n-Nonane	0.11				ND	ND	ND	0.26	0.03	0.14
Isopropylbenzene	0.18				ND	ND	ND	ND	ND	ND
a-Pinene	0.18				ND	ND	ND	0.17	0.02	0.10
n-Propylbenzene	0.21				ND	ND	ND	ND	ND	ND
m-Ethyltoluene	0.15				ND	ND	ND	0.16	U	0.02
p-Ethyltoluene	0.19				ND	ND	ND	0.20	0.02	0.11
1,3,5-Trimethylbenzene	0.18				ND	ND	ND	0.14	U	0.02
o-Ethyltoluene	0.22				ND	ND	ND	0.16	U	0.02
b-Pinene	0.22				ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21				ND	ND	ND	ND	ND	ND
1-Decene	0.21				0.21	0.02	0.12	0.34	0.04	0.19
n-Decane	0.25				ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	0.19				ND	ND	ND	0.16	U	0.02
m-Diethylbenzene	0.20				ND	ND	ND	0.13	U	0.01
p-Diethylbenzene	0.22				0.12	U	0.01	U	0.07	0.17
1-Undecene	0.22				ND	ND	ND	0.14	U	0.01
n-Undecane	0.24				ND	ND	ND	0.17	U	0.02
1-Dodecene	0.24				ND	ND	ND	0.14	U	0.01
n-Dodecane	0.49				0.12	U	0.01	U	0.07	0.20
1-Tridecene	0.49				ND	ND	ND	ND	ND	ND
n-Tridecane	0.49				0.16	U	0.01	U	0.09	0.22
TNMOC (speciated)					ND	ND	ND	ND	ND	ND
TNMOC, ppbC (w/ unknowns)					27.25	8.65	16.11	40.81	11.72	23.99
					42.64	42.64	42.64	78.29	78.29	78.29

* Should be considered an estimate, the daily QC failed criteria for ethylene.
Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:	BTMO 37157				BTMO 37268				BTMO 37313							
Sampling Date:	12/11/2003				12/17/2003				12/23/2003							
Analysis Date:	12/22/2003				1/6/2004				1/14/2004							
Filename:	L3LV005				L4AE015				L4AM019							
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³						
Ethylene	0.15	1.62	0.81	0.94	2.28	1.14	1.32	1.15	0.57	0.66						
Acetylene	0.11	1.66	0.83	0.89	2.20	1.10	1.18	1.48	0.74	0.79						
Ethane	0.17	4.73	2.36	2.93	6.11	3.05	3.79	5.45	2.73	3.38						
Propylene	0.11	0.67	0.22	0.39	1.19	0.40	0.69	0.45	0.15	0.26						
Propane	0.19	5.64	1.88	3.42	5.72	1.91	3.47	4.73	1.58	2.87						
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Isobutane	0.14	0.93	0.23	0.56	1.40	0.35	0.84	1.12	0.28	0.67						
Isobutene/1-Butene	0.17	0.65	0.16	0.38	1.42	0.36	0.82	0.47	0.12	0.27						
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Butane	0.17	2.06	0.52	1.23	3.37	0.84	2.02	2.56	0.64	1.53						
trans-2-Butene	0.17	ND	ND	ND	0.31	0.08	0.18	ND	ND	ND						
cis-2-Butene	0.16	ND	ND	ND	0.36	0.09	0.21	ND	ND	ND						
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Isopentane	0.19	1.15	0.23	0.68	2.00	0.40	1.19	NR	NR	NR						
1-Pentene	0.20	0.12	U	0.02	U	0.07	0.15	0.44	0.13	U	0.03	U	0.07			
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Pentane	0.19	1.08	0.22	0.64	1.56	0.31	0.93	1.30	0.26	0.77						
Isoprene	0.20	ND	ND	ND	0.30	0.06	0.17	ND	ND	ND	ND	ND	ND			
trans-2-Pentene	0.21	ND	ND	ND	0.26	0.05	0.16	ND	ND	ND	ND	ND	ND			
cis-2-Pentene	0.22	ND	ND	ND	0.30	0.06	0.18	ND	ND	ND	ND	ND	ND			
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	0.49	0.10	0.28						
2,2-Dimethylbutane	0.20	0.19	U	0.03	U	0.11	0.68	0.11	0.40	0.18	U	0.03	U	0.11		
Cyclopentene	0.20	0.18	U	0.04	U	0.10	0.15	U	0.03	U	0.08	0.23	0.05	0.13		
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Cyclopentane	0.20	0.12	U	0.02	U	0.07	0.27	0.05	0.16	ND	ND	ND	ND	ND		
2,3-Dimethylbutane	0.20	0.13	U	0.02	U	0.08	0.59	0.10	0.35	0.15	U	0.02	U	0.09		
2-Methylpentane	0.13	0.54	0.09	0.32	1.28	0.21	0.76	0.83	0.14	0.49						
3-Methylpentane	0.22	0.24	0.04	0.14	0.65	0.11	0.39	0.20	U	0.03	U	0.12	0.12	0.12		
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1-Hexene	0.32	0.14	U	0.02	U	0.08	0.94	0.16	0.55	0.12	U	0.02	U	0.07		
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Hexane	0.21	0.61	0.10	0.36	0.94	0.16	0.56	0.60	0.10	0.35						
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclopentane	0.21	0.21	U	0.03	U	0.12	0.42	0.07	0.24	0.22	0.04	0.13	0.13	0.13		
2,4-Dimethylpentane	0.22	0.13	U	0.02	U	0.06	0.44	0.06	0.22	0.13	U	0.02	U	0.06		
Benzene	0.18	1.20	0.20	0.65	1.50	0.25	0.81	1.00	0.17	0.53						
Cyclohexane	0.16	0.14	U	0.02	U	0.08	0.48	0.08	0.28	0.14	U	0.02	U	0.08		
2-Methylhexane	0.21	ND	ND	ND	0.50	0.07	0.30	0.43	0.06	0.25						
2,3-Dimethylpentane	0.28	ND	ND	ND	0.54	0.08	0.32	ND	ND	ND	ND	ND	ND	ND		
3-Methylhexane	0.17	0.64	0.09	0.38	0.33	0.05	0.20	ND	ND	ND	ND	ND	ND	ND		
1-Heptene	0.17	0.12	U	0.02	U	0.07	0.43	0.06	0.25	0.14	U	0.02	U	0.08		
2,2,4-Trimethylpentane	0.19	0.27	0.03	0.16	0.64	0.08	0.38	0.52	0.07	0.31						
n-Heptane	0.23	0.19	U	0.03	U	0.11	0.50	0.07	0.30	0.22	U	0.03	U	0.13		
Methylcyclohexane	0.25	0.13	U	0.02	U	0.07	0.49	0.07	0.28	0.27	0.04	0.16	0.16	0.16		
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,3,4-Trimethylpentane	0.20	ND	ND	ND	0.34	0.04	0.20	ND	ND	ND	ND	ND	ND	ND		
Toluene	0.20	0.88	0.13	0.48	1.33	0.19	0.72	0.80	0.11	0.43						
2-Methylheptane	0.17	ND	ND	ND	0.30	0.04	0.18	ND	ND	ND	ND	ND	ND	ND		
3-Methylheptane	0.20	ND	ND	ND	0.26	0.03	0.15	ND	ND	ND	ND	ND	ND	ND		
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Octane	0.21	0.22	0.03	0.13	0.45	0.06	0.27	0.17	U	0.02	U	0.10	0.10	0.10		
Ethylbenzene	0.21	0.19	U	0.02	U	0.11	0.38	0.05	0.23	0.15	U	0.02	U	0.09		
m-Xylene/p-Xylene	0.16	0.32	0.04	0.18	0.68	0.09	0.37	0.43	0.05	0.23						
Styrene	0.20	0.17	U	0.02	U	0.09	1.46	0.18	0.78	0.67	0.08	0.36	0.36	0.36		
o-Xylene	0.19	0.17	U	0.02	U	0.09	0.31	0.04	0.17	0.14	U	0.02	U	0.07		
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Nonane	0.11	0.16	0.02	0.09	0.29	0.03	0.17	0.14	0.02	0.08						
Isopropylbenzene	0.18	ND	ND	ND	0.27	0.03	0.15	ND	ND	ND	ND	ND	ND	ND		
a-Pinene	0.18	ND	ND	ND	0.74	0.07	0.41	ND	ND	ND	ND	ND	ND	ND		
n-Propylbenzene	0.21	0.13	U	0.01	U	0.07	0.42	0.05	0.23	0.12	U	0.01	U	0.07		
m-Ethyltoluene	0.15	0.13	U	0.01	U	0.07	0.30	0.03	0.16	0.14	U	0.02	U	0.08		
p-Ethyltoluene	0.19	0.14	U	0.02	U	0.07	0.39	0.04	0.21	0.16	U	0.02	U	0.09		
1,3,5-Trimethylbenzene	0.18	0.14	U	0.02	U	0.07	0.32	0.04	0.18	ND	ND	ND	ND	ND		
o-Ethyltoluene	0.22	0.12	U	0.01	U	0.07	0.34	0.04	0.19	0.12	U	0.01	U	0.07		
b-Pinene	0.22	ND	ND	ND	0.53	0.05	0.30	0.22	U	0.02	U	0.12	0.12	0.12		
1,2,4-Trimethylbenzene	0.21	0.23	0.03	0.13	0.74	0.08	0.41	0.29	0.03	0.16						
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Decane	0.25	0.13	U	0.01	U	0.08	0.34	0.03	0.20	0.13	U	0.01	U	0.08		
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	0.31	0.03	0.17	0.13	U	0.01	U	0.07	0.07	0.07		
m-Diethylbenzene	0.20	0.14	U	0.01	U	0.08	0.32	0.03	0.17	0.14	U	0.01	U	0.08		
p-Diethylbenzene	0.22	ND	ND	ND	0.21	U	0.02	U	0.12	0.13	U	0.01	U	0.07		
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Undecane	0.24	0.15	U	0.01	U	0.09	0.32	0.03	0.19	0.27	0.02	0.16	0.16	0.16		
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Dodecane	0.49	0.17	U	0.01	U	0.10	0.29	U	0.02	U	0.17	0.21	U	0.02	U	0.12
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		29.06	8.75	17.11	52.92	13.57	30.88	29.22	8.57	17.19						
TNMOC, ppbC (w/ unknowns)		54.65	54.65	54.65	88.83	88.83	88.83	96.47	96.47	96.47						

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTMO 37267		
Sampling Date:		12/29/2003		
Analysis Date:		1/9/2004		
Filename:		L4A1007		
	MDL	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.41	0.70	0.81
Acetylene	0.11	1.56	0.78	0.84
Ethane	0.17	6.29	3.14	3.90
Propylene	0.11	0.70	0.23	0.40
Propane	0.19	5.38	1.79	3.26
Propyne	0.19	ND	ND	ND
Isobutane	0.14	1.17	0.29	0.70
Isobutene/1-Butene	0.17	0.70	0.18	0.41
1,3-Butadiene	0.17	ND	ND	ND
n-Butane	0.17	2.97	0.74	1.78
trans-2-Butene	0.17	ND	ND	ND
cis-2-Butene	0.16	ND	ND	ND
3-Methyl-1-butene	0.16	ND	ND	ND
Isopentane	0.19	1.39	0.28	0.83
1-Pentene	0.20	0.13 U	0.03 U	0.08
2-Methyl-1-butene	0.20	0.12 U	0.02 U	0.07
n-Pentane	0.19	1.46	0.29	0.87
Isoprene	0.20	ND	ND	ND
trans-2-Pentene	0.21	ND	ND	ND
cis-2-Pentene	0.22	ND	ND	ND
2-Methyl-2-butene	0.22	ND	ND	ND
2,2-Dimethylbutane	0.20	0.15 U	0.03 U	0.09
Cyclopentene	0.20	0.15 U	0.03 U	0.09
4-Methyl-1-pentene	0.20	ND	ND	ND
Cyclopentane	0.20	ND	ND	ND
2,3-Dimethylbutane	0.20	0.15 U	0.03 U	0.09
2-Methylpentane	0.13	1.24	0.21	0.73
3-Methylpentane	0.22	0.69	0.11	0.41
2-Methyl-1-pentene	0.22	ND	ND	ND
1-Hexene	0.32	0.21 U	0.03 U	0.12
2-Ethyl-1-butene	0.22	ND	ND	ND
n-Hexane	0.21	0.97	0.16	0.58
trans-2-Hexene	0.21	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND
Methylcyclopentane	0.21	0.36	0.06	0.21
2,4-Dimethylpentane	0.22	0.12 U	0.02 U	0.06
Benzene	0.18	1.12	0.19	0.60
Cyclohexane	0.16	0.15 U	0.03 U	0.09
2-Methylhexane	0.21	0.22	0.03	0.13
2,3-Dimethylpentane	0.28	ND	ND	ND
3-Methylhexane	0.17	ND	ND	ND
1-Heptene	0.17	0.24 U	0.03 U	0.14
2,2,4-Trimethylpentane	0.19	0.30	0.04	0.18
n-Heptane	0.23	0.20 U	0.03 U	0.12
Methylcyclohexane	0.25	0.28	0.04	0.16
2,2,3-Trimethylpentane	0.25	ND	ND	ND
2,3,4-Trimethylpentane	0.20	ND	ND	ND
Toluene	0.20	1.08	0.15	0.59
2-Methylheptane	0.17	0.13 U	0.02 U	0.08
3-Methylheptane	0.20	ND	ND	ND
1-Octene	0.20	ND	ND	ND
n-Octane	0.21	0.29	0.04	0.17
Ethylbenzene	0.21	0.22	0.03	0.13
m-Xylene/p-Xylene	0.16	0.47	0.06	0.26
Styrene	0.20	0.16 U	0.02 U	0.09
o-Xylene	0.19	0.22	0.03	0.12
1-Nonene	0.19	ND	ND	ND
n-Nonane	0.11	0.23	0.03	0.13
Isopropylbenzene	0.18	0.13 U	0.01 U	0.07
a-Pinene	0.18	ND	ND	ND
n-Propylbenzene	0.21	0.19 U	0.02 U	0.11
m-Ethyltoluene	0.15	0.17	0.02	0.09
p-Ethyltoluene	0.19	0.17 U	0.02 U	0.09
1,3,5-Trimethylbenzene	0.18	0.14 U	0.02 U	0.08
o-Ethyltoluene	0.22	0.13 U	0.01 U	0.07
b-Pinene	0.22	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.35	0.04	0.19
1-Decene	0.21	ND	ND	ND
n-Decane	0.25	0.20 U	0.02 U	0.12
1,2,3-Trimethylbenzene	0.19	ND	ND	ND
m-Diethylbenzene	0.20	0.13 U	0.01 U	0.07
p-Diethylbenzene	0.22	0.10 U	0.01 U	0.05
1-Undecene	0.22	ND	ND	ND
n-Undecane	0.24	0.25	0.02	0.15
1-Dodecene	0.24	ND	ND	ND
n-Dodecane	0.49	0.22 U	0.02 U	0.13
1-Tridecene	0.49	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND
TNMOC (speciated)		34.81	10.14	20.53
TNMOC, ppbC (w/ unknowns)		76.89	76.89	76.89

* Should be considered an estimate, the daily QC failed criteria for ethylene.

Should be considered an estimate, the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		BTUT 34621 D1		BTUT 34623 D2		BTUT 34744		BTUT 34892		BTUT 34888	
Sampling Date:		7/20/2003		7/20/2003		7/26/2003		8/1/2003		8/7/2003	
Analysis Date:		8/21/2003		8/20/2003		8/21/2003		9/5/2003		9/5/2003	
Filename:		L3HT018		L3HT008		L3HT015		L3ID014		L3ID018	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	2.10	1.21	2.69	1.56	2.43	1.40	3.56	2.06	2.84	1.64
Acetylene	0.11	3.86	2.07	3.76	2.02	2.57	1.38	2.79	1.50	2.09	1.12
Ethane	0.17	9.41	5.84	9.46	5.87	4.89	3.03	7.44	4.61	5.15	3.20
Propylene	0.11	2.04	1.18	2.35	1.36	1.22	0.70	2.36	1.37	1.76	1.02
Propane	0.19	23.31	14.13	24.09	14.61	6.82	4.13	13.88	8.42	6.68	4.05
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	23.64	14.17	24.30	14.57	5.38	3.23	10.28	6.16	4.12	2.47
Isobutene/1-Butene	0.17	2.24	1.30	2.41	1.39	1.40	0.81	2.62	1.51	2.60	1.50
1,3-Butadiene	0.17	ND	ND	0.20	0.11	ND	ND	0.27	0.15	0.23	0.13
n-Butane	0.17	33.13	19.86	33.65	20.17	8.91	5.34	15.99	9.59	6.92	4.15
trans-2-Butene	0.17	0.46	0.27	0.50	0.29	0.37	0.21	0.43	0.25	0.46	0.27
cis-2-Butene	0.16	0.65	0.37	0.55	0.32	0.49	0.28	0.65	0.38	0.64	0.37
3-Methyl-1-butene	0.16	ND	ND	0.23	0.13	ND	ND	0.16	U	0.09	0.08
Isopentane	0.19	30.77	18.32	42.16	25.10	8.26	4.91	32.65	19.43	31.47	18.73
1-Pentene	0.20	0.84	0.49	1.21	0.70	0.42	0.25	0.88	0.51	0.75	0.43
2-Methyl-1-butene	0.20	0.70	0.41	0.80	0.46	0.71	0.41	1.05	0.61	0.98	0.57
n-Pentane	0.19	15.46	9.20	16.45	9.80	4.60	2.74	7.92	4.72	5.39	3.21
Isoprene	0.20	3.59	2.02	3.83	2.15	1.32	0.74	3.30	1.85	2.56	1.44
trans-2-Pentene	0.21	0.63	0.38	0.69	0.41	0.76	0.45	0.88	0.52	0.72	0.43
cis-2-Pentene	0.22	0.54	0.32	0.52	0.31	0.48	0.29	0.54	0.32	0.54	0.32
2-Methyl-2-butene	0.22	0.32	0.19	0.41	0.24	0.62	0.36	0.84	0.49	0.64	0.37
2,2-Dimethylbutane	0.20	1.29	0.76	1.31	0.77	0.66	0.39	1.06	0.63	0.95	0.56
Cyclopentene	0.20	0.37	0.21	0.92	0.52	ND	ND	0.25	0.14	0.34	0.19
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	1.42	0.82	1.26	0.73	0.58	0.34	0.81	0.47	0.66	0.38
2,3-Dimethylbutane	0.20	2.15	1.27	1.97	1.17	1.30	0.77	1.70	1.01	1.33	0.79
2-Methylpentane	0.13	6.01	3.56	6.38	3.78	2.67	1.58	4.48	2.65	4.46	2.64
3-Methylpentane	0.22	3.54	2.10	3.43	2.03	1.73	1.03	2.21	1.31	1.68	0.99
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.94	0.56	1.24	0.74	0.40	0.24	1.08	0.64	0.87	0.52
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	5.60	3.32	6.00	3.56	2.19	1.30	3.75	2.22	2.84	1.68
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.18	U	0.10	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.28	U	0.17	U
Methylcyclopentane	0.21	2.72	1.57	2.72	1.57	1.23	0.71	2.12	1.23	1.96	1.14
2,4-Dimethylpentane	0.22	1.36	0.69	1.31	0.67	0.98	0.50	1.38	0.70	1.15	0.59
Benzene	0.18	2.66	1.43	3.26	1.75	2.10	1.13	3.39	1.82	2.63	1.41
Cyclohexane	0.16	2.41	1.39	2.21	1.28	0.85	0.49	1.39	0.80	1.13	0.66
2-Methylhexane	0.21	1.25	0.74	2.08	1.23	0.65	0.38	4.42	2.61	4.18	2.47
2,3-Dimethylpentane	0.28	1.89	1.12	2.18	1.29	1.30	0.77	2.90	1.71	2.43	1.43
3-Methylhexane	0.17	1.73	1.02	1.78	1.05	0.92	0.54	4.10	2.42	2.77	1.63
1-Heptene	0.17	0.81	0.47	0.95	0.55	0.24	U	1.47	0.85	2.07	1.20
2,2,4-Trimethylpentane	0.19	2.44	1.44	2.52	1.48	1.69	0.99	2.71	1.60	1.53	0.90
n-Heptane	0.23	1.56	0.92	1.76	1.04	0.79	0.47	3.30	1.95	2.19	1.29
Methylcyclohexane	0.25	2.26	1.31	2.34	1.35	0.70	0.41	1.42	0.82	0.99	0.57
2,2,3-Trimethylpentane	0.25	0.33	0.20	0.37	0.22	0.21	U	0.12	0.56	0.33	ND
2,3,4-Trimethylpentane	0.20	0.93	0.55	0.92	0.54	0.64	0.38	0.80	0.47	0.73	0.43
Toluene	0.20	7.02	3.81	8.61	4.68	4.83	2.62	28.71	15.59	11.50	6.24
2-Methylheptane	0.17	0.64	0.38	0.76	0.45	0.28	0.17	0.57	0.33	0.46	0.27
3-Methylheptane	0.20	0.71	0.42	0.79	0.46	0.31	0.18	0.70	0.41	0.49	0.29
1-Octene	0.20	0.34	0.20	0.69	0.40	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.78	1.05	2.12	1.25	0.36	0.21	1.21	0.71	0.63	0.37
Ethylbenzene	0.21	0.80	0.48	1.12	0.67	0.44	0.26	1.78	1.07	0.87	0.52
m-Xylene/p-Xylene	0.16	2.35	1.29	3.18	1.74	1.52	0.83	5.63	3.08	2.75	1.51
Styrene	0.20	1.03	0.55	1.26	0.68	0.35	0.19	1.74	0.94	0.20	U
o-Xylene	0.19	1.05	0.57	1.38	0.75	0.64	0.35	2.23	1.22	1.10	0.60
1-Nonene	0.19	0.31	0.18	0.44	0.25	ND	ND	0.37	0.22	0.18	U
n-Nonane	0.11	0.98	0.58	1.19	0.70	0.32	0.19	0.74	0.44	0.39	0.23
Isopropylbenzene	0.18	ND	ND	0.25	0.14	0.12	U	0.07	0.34	0.19	0.13
a-Pinene	0.18	0.37	0.21	0.45	0.25	0.65	0.37	0.75	0.42	0.32	0.18
n-Propylbenzene	0.21	0.32	0.18	0.30	0.16	ND	ND	0.42	0.23	0.40	0.22
m-Ethyltoluene	0.15	0.52	0.28	0.64	0.35	0.82	0.45	1.26	0.69	0.77	0.42
p-Ethyltoluene	0.19	0.30	0.17	0.39	0.22	0.40	0.22	0.63	0.35	0.49	0.27
1,3,5-Trimethylbenzene	0.18	0.45	0.25	0.51	0.28	0.29	0.16	0.71	0.39	0.40	0.22
o-Ethyltoluene	0.22	0.42	0.23	0.58	0.32	0.37	0.21	0.63	0.35	0.51	0.28
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	0.15	U	0.08	ND
1,2,4-Trimethylbenzene	0.21	0.82	0.45	1.12	0.62	0.82	0.45	1.42	0.78	0.94	0.52
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.29	0.76	1.05	0.62	0.89	0.52	0.86	0.51	0.54	0.32
1,2,3-Trimethylbenzene	0.19	0.41	0.23	0.51	0.28	0.75	0.41	1.02	0.56	1.05	0.58
m-Diethylbenzene	0.20	0.61	0.34	0.78	0.43	1.33	0.74	2.03	1.12	1.34	0.74
p-Diethylbenzene	0.22	ND	ND	0.29	0.16	0.59	0.33	0.76	0.42	0.52	0.29
1-Undecene	0.22	0.30	0.18	0.38	0.22	0.43	0.25	0.61	0.35	0.78	0.45
n-Undecane	0.24	1.43	0.84	1.38	0.81	1.82	1.07	2.53	1.48	1.28	0.75
1-Dodecene	0.24	ND	ND	0.27	U	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.49	0.29	0.48	U	0.36	U	0.34	U	0.20	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (specified)		222.11	131.06	248.07	146.20	92.14	53.78	212.34	123.31	142.03	82.78
TNMOC, ppbC (w/ unknowns)		266.65	266.65	305.56	305.56	174.49	174.49	363.33	363.33	266.61	266.61

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Sample No.:		BTUT 35415		BTUT 35589		BTUT 35655		BTUT 35768		BTUT 35895	
Sampling Date:		8/25/2003		8/31/2003		9/6/2003		9/12/2003		9/18/2003	
Analysis Date:		9/25/2003		9/26/2003		10/1/2003		10/8/2003		10/9/2003	
Filename:		L3IX015		L3IZ004		L3I%008		L3JH009		L3JH013	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	3.63	2.10	2.64	1.53	2.63	1.52	4.47	2.59	2.75	1.59
Acetylene	0.11	3.22	1.73	2.61	1.40	2.34	1.26	3.88	2.09	2.94	1.58
Ethane	0.17	5.28	3.27	11.14	6.91	6.06	3.76	7.85	4.87	6.87	4.26
Propylene	0.11	1.95	1.13	1.57	0.91	2.22	1.29	2.58	1.49	1.52	0.88
Propane	0.19	9.47	5.74	18.72	11.35	16.33	9.91	11.81	7.16	17.15	10.40
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	7.60	4.55	15.82	9.48	13.69	8.21	10.68	6.40	6.64	3.98
Isobutene/1-Butene	0.17	2.13	1.23	1.50	0.87	2.72	1.58	2.59	1.50	1.44	0.83
1,3-Butadiene	0.17	0.25	0.14	0.17	U	0.16	U	0.42	0.23	0.24	0.13
n-Butane	0.17	9.40	5.63	21.23	12.72	15.67	9.39	15.83	9.49	16.22	9.72
trans-2-Butene	0.17	0.46	0.26	0.39	0.23	0.44	0.26	0.73	0.42	0.73	0.42
cis-2-Butene	0.16	0.46	0.27	0.46	0.27	0.54	0.31	0.71	0.41	0.54	0.31
3-Methyl-1-butene	0.16	0.15	U	0.09	ND	0.13	U	0.20	U	0.11	ND
Isopentane	0.19	10.55	6.28	12.45	7.41	10.39	6.19	11.91	7.09	10.12	6.03
1-Pentene	0.20	0.69	0.40	0.56	0.32	0.54	0.31	0.80	0.46	0.33	0.19
2-Methyl-1-butene	0.20	0.71	0.41	0.47	0.27	0.46	0.27	0.89	0.51	0.33	0.19
n-Pentane	0.19	6.73	4.01	7.78	4.63	7.31	4.35	8.11	4.83	6.69	3.98
Isoprene	0.20	1.89	1.06	1.03	0.58	0.92	0.52	0.78	0.44	0.93	0.52
trans-2-Pentene	0.21	0.70	0.42	0.61	0.36	0.55	0.33	1.11	0.66	0.59	0.35
cis-2-Pentene	0.22	0.62	0.37	0.47	0.28	0.49	0.29	0.77	0.46	0.46	0.28
2-Methyl-2-butene	0.22	0.76	0.44	0.35	0.20	0.38	0.22	1.92	1.11	0.40	0.23
2,2-Dimethylbutane	0.20	0.86	0.51	0.99	0.58	0.82	0.48	1.09	0.65	0.79	0.47
Cyclopentene	0.20	0.83	0.47	ND	ND	ND	ND	0.42	0.24	0.15	U
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.72	0.42	0.86	0.50	0.93	0.54	0.85	0.49	0.63	0.36
2,3-Dimethylbutane	0.20	1.40	0.83	1.56	0.92	1.36	0.81	1.79	1.06	1.12	0.66
2-Methylpentane	0.13	5.65	3.35	3.71	2.20	3.41	2.02	5.68	3.37	2.53	1.50
3-Methylpentane	0.22	1.90	1.13	2.17	1.29	1.89	1.12	2.72	1.61	1.55	0.92
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	0.20	U	0.12	ND
1-Hexene	0.32	0.76	0.45	0.60	0.35	0.61	0.36	0.78	0.46	0.65	0.38
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.35	1.98	3.37	2.00	3.31	1.96	3.80	2.25	2.58	1.53
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.23	U	0.14	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.13	U	0.08	ND
Methylcyclopentane	0.21	1.63	0.94	1.61	0.93	1.58	0.92	2.37	1.37	1.23	0.71
2,4-Dimethylpentane	0.22	1.59	0.81	1.23	0.62	1.18	0.60	1.51	0.77	0.88	0.44
Benzene	0.18	3.38	1.82	3.17	1.70	2.83	1.52	3.75	2.01	2.34	1.26
Cyclohexane	0.16	1.08	0.62	1.12	0.65	1.70	0.98	1.28	0.74	1.45	0.84
2-Methylhexane	0.21	1.46	0.86	0.95	0.56	0.94	0.56	2.09	1.23	2.77	1.63
2,3-Dimethylpentane	0.28	1.43	0.84	1.90	1.12	1.86	1.10	2.12	1.25	2.00	1.18
3-Methylhexane	0.17	1.32	0.78	1.48	0.88	1.57	0.93	1.41	0.83	4.54	2.68
1-Heptene	0.17	0.45	0.26	0.24	U	0.21	U	ND	ND	0.44	0.25
2,2,4-Trimethylpentane	0.19	2.82	1.66	2.74	1.61	2.58	1.52	4.48	2.64	1.86	1.10
n-Heptane	0.23	1.22	0.72	1.26	0.75	1.35	0.80	1.30	0.77	2.39	1.41
Methylcyclohexane	0.25	1.62	0.94	1.29	0.75	1.55	0.89	1.69	0.98	1.34	0.78
2,2,3-Trimethylpentane	0.25	0.50	0.29	0.40	0.23	0.31	0.18	0.58	0.34	0.23	0.14
2,3,4-Trimethylpentane	0.20	0.87	0.51	0.99	0.58	0.82	0.48	1.08	0.64	0.69	0.41
Toluene	0.20	6.48	3.52	6.52	3.54	5.70	3.10	7.08	3.84	6.95	3.78
2-Methylheptane	0.17	0.48	0.28	0.40	0.23	0.42	0.25	0.55	0.32	0.39	0.23
3-Methylheptane	0.20	0.51	0.30	0.50	0.30	0.44	0.26	0.61	0.36	0.50	0.29
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.73	0.43	0.67	0.40	0.81	0.48	0.72	0.43	1.49	0.88
Ethylbenzene	0.21	0.71	0.42	0.68	0.41	0.77	0.46	0.86	0.52	0.88	0.53
m-Xylene/p-Xylene	0.16	2.65	1.45	2.39	1.31	2.46	1.35	3.01	1.65	2.50	1.37
Styrene	0.20	0.20	U	0.10	0.17	U	0.09	0.32	0.17	0.17	U
o-Xylene	0.19	1.11	0.61	1.02	0.56	0.97	0.53	1.37	0.75	1.23	0.67
1-Nonene	0.19	0.19	U	0.11	ND	ND	ND	0.15	U	0.09	0.38
n-Nonane	0.11	0.55	0.32	0.45	0.26	0.47	0.28	0.44	0.26	1.19	0.70
Isopropylbenzene	0.18	0.19	0.10	0.23	0.13	0.25	0.14	0.20	0.11	0.20	0.11
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	1.95	1.10
n-Propylbenzene	0.21	0.43	0.24	0.39	0.21	0.43	0.23	0.43	0.24	0.35	0.19
m-Ethyltoluene	0.15	1.12	0.61	0.92	0.51	1.10	0.61	1.11	0.61	0.85	0.47
p-Ethyltoluene	0.19	0.50	0.28	0.54	0.30	0.58	0.32	0.52	0.28	0.53	0.29
1,3,5-Trimethylbenzene	0.18	0.45	0.25	0.40	0.22	0.31	0.17	0.50	0.27	0.41	0.22
o-Ethyltoluene	0.22	0.56	0.31	0.55	0.30	0.53	0.29	0.53	0.29	0.77	0.42
b-Pinene	0.22	0.13	U	0.08	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.11	0.61	0.96	0.53	1.07	0.59	1.23	0.68	0.86	0.47
1-Decene	0.21	ND	ND	ND	ND	0.23	U	0.13	ND	ND	ND
n-Decane	0.25	0.78	0.46	0.53	0.31	0.82	0.48	0.49	0.29	0.18	U
1,2,3-Trimethylbenzene	0.19	1.19	0.65	1.63	0.90	0.74	0.41	1.04	0.57	0.67	0.37
m-Diethylbenzene	0.20	0.54	0.30	0.56	0.31	1.59	0.88	0.41	0.23	0.41	0.23
p-Diethylbenzene	0.22	0.81	0.45	0.68	0.38	0.56	0.31	0.61	0.34	0.58	0.32
1-Undecene	0.22	1.59	0.92	0.47	0.27	0.58	0.34	0.75	0.44	0.24	U
n-Undecane	0.24	1.95	1.14	1.85	1.09	1.73	1.02	1.54	0.90	1.65	0.97
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.23	U	0.14	0.23	U	0.14	0.33	U	0.10	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (specified)		126.63	73.80	154.30	90.85	138.72	81.38	153.85	90.00	134.58	78.91
TNMOC, ppbC (w/ unknowns)		326.88	326.88	261.94	261.94	233.65	233.65	298.13	298.13	205.82	205.82

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Sample No.:		BTUT 36143	BTUT 36240	BTUT 36327	BTUT 36370 D1	BTUT 36370 R1
Sampling Date:		10/6/2003	10/12/2003	10/18/2003	10/24/2003	10/24/2003
Analysis Date:		10/21/2003	10/21/2003	10/23/2003	11/20/2003	11/21/2003
Filename:		VOID	L3JT018	L3JW009	L3KS021	L3KT016
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15		3.37 1.95	6.34 3.67	7.89 4.57	8.03 4.65
Acetylene	0.11		3.56 1.91	6.56 3.52	8.22 4.41	8.57 4.60
Ethane	0.17		11.98 7.43	16.46 10.21	15.70 9.74	15.88 9.85
Propylene	0.11		2.02 1.17	3.87 2.24	5.08 2.94	5.51 3.19
Propane	0.19		16.85 10.22	35.83 21.73	34.76 21.08	36.57 22.18
Propyne	0.19		ND ND	ND ND	ND ND	ND ND
Isobutane	0.14		13.30 7.97	30.44 18.25	27.84 16.68	28.56 17.12
Isobutene/1-Butene	0.17		1.73 1.00	2.90 1.68	3.18 1.84	3.24 1.87
1,3-Butadiene	0.17		0.20 0.11	0.40 0.22	0.73 0.41	0.61 0.34
n-Butane	0.17		11.91 7.14	25.57 15.32	34.29 20.56	34.64 20.76
trans-2-Butene	0.17		0.59 0.34	0.58 0.33	0.73 0.42	0.95 0.55
cis-2-Butene	0.16		0.62 0.36	0.78 0.45	0.78 0.45	1.16 0.67
3-Methyl-1-butene	0.16		ND ND	0.27 0.15	ND ND	0.47 0.27
Isopentane	0.19		6.23 3.71	19.91 11.85	32.26 19.21	32.69 19.46
1-Pentene	0.20		0.64 0.37	16.23 9.39	1.54 0.89	1.64 0.95
2-Methyl-1-butene	0.20		0.43 0.25	0.86 0.50	2.49 1.44	2.45 1.42
n-Pentane	0.19		6.66 3.97	12.52 7.46	20.41 12.15	20.22 12.03
Isoprene	0.20		0.68 0.38	1.17 0.65	0.51 0.28	0.90 0.50
trans-2-Pentene	0.21		0.73 0.43	1.18 0.70	1.65 0.98	1.79 1.07
cis-2-Pentene	0.22		0.56 0.33	0.78 0.46	0.92 0.55	1.17 0.70
2-Methyl-2-butene	0.22		0.44 0.25	1.48 0.86	1.94 1.12	1.99 1.15
2,2-Dimethylbutane	0.20		0.96 0.57	1.42 0.84	1.48 0.88	2.04 1.21
Cyclopentene	0.20		ND ND	0.20 U 0.11	0.75 0.42	0.67 0.37
4-Methyl-1-pentene	0.20		ND ND	0.40 0.23	ND ND	0.16 U 0.09
Cyclopentane	0.20		0.75 0.44	1.24 0.71	1.50 0.87	1.84 1.06
2,3-Dimethylbutane	0.20		1.49 0.88	2.45 1.45	2.55 1.51	3.13 1.85
2-Methylpentane	0.13		3.79 2.24	7.23 4.28	9.78 5.79	9.84 5.83
3-Methylpentane	0.22		2.33 1.38	4.16 2.47	5.24 3.11	5.53 3.28
2-Methyl-1-pentene	0.22		ND ND	0.21 U 0.12	0.31 U 0.18	0.30 U 0.18
1-Hexene	0.32		0.64 0.38	1.05 0.62	0.48 0.29	0.92 0.55
2-Ethyl-1-butene	0.22		ND ND	ND ND	ND ND	ND ND
n-Hexane	0.21		3.06 1.81	6.08 3.60	8.50 5.03	8.55 5.06
trans-2-Hexene	0.21		0.25 U 0.15	0.26 U 0.15	0.29 U 0.17	0.27 U 0.16
cis-2-Hexene	0.21		ND ND	0.17 U 0.10	ND ND	0.24 U 0.14
Methylcyclopentane	0.21		1.61 0.93	3.09 1.79	4.62 2.68	4.70 2.72
2,4-Dimethylpentane	0.22		1.27 0.64	2.07 1.05	2.02 1.02	2.37 1.20
Benzene	0.18		2.67 1.43	5.13 2.76	6.29 3.38	6.69 3.59
Cyclohexane	0.16		1.39 0.80	2.25 1.30	3.44 1.99	3.67 2.12
2-Methylhexane	0.21		1.17 0.69	2.49 1.47	3.20 1.89	3.78 2.23
2,3-Dimethylpentane	0.28		2.07 1.22	3.60 2.13	3.65 2.16	4.03 2.38
3-Methylhexane	0.17		1.85 1.09	2.52 1.49	4.47 2.64	4.69 2.77
1-Heptene	0.17		ND ND	0.91 0.53	ND ND	ND ND
2,2,4-Trimethylpentane	0.19		2.88 1.70	5.08 2.99	5.60 3.30	6.02 3.54
n-Heptane	0.23		1.45 0.86	2.57 1.52	3.49 2.06	3.78 2.23
Methylcyclohexane	0.25		1.64 0.95	2.95 1.71	4.41 2.55	4.88 2.82
2,2,3-Trimethylpentane	0.25		0.27 0.16	0.88 0.52	1.09 0.64	0.73 0.43
2,3,4-Trimethylpentane	0.20		0.91 0.54	1.65 0.97	1.69 1.00	1.80 1.06
Toluene	0.20		7.24 3.93	13.57 7.37	16.41 8.91	16.96 9.21
2-Methylheptane	0.17		0.72 0.42	0.80 0.47	0.92 0.54	1.37 0.81
3-Methylheptane	0.20		0.70 0.41	0.82 0.48	0.81 0.48	1.24 0.73
1-Octene	0.20		ND ND	ND ND	ND ND	ND ND
n-Octane	0.21		1.39 0.82	1.54 0.91	1.95 1.15	2.31 1.36
Ethylbenzene	0.21		0.99 0.59	1.44 0.86	2.12 1.27	2.35 1.41
m-Xylene/p-Xylene	0.16		3.09 1.69	5.29 2.90	7.92 4.34	8.35 4.57
Styrene	0.20		0.19 U 0.10	0.21 0.11	1.45 0.78	1.59 0.85
o-Xylene	0.19		1.25 0.68	2.19 1.20	2.73 1.50	2.93 1.61
1-Nonene	0.19		ND ND	ND ND	ND ND	0.14 U 0.08
n-Nonane	0.11		0.77 0.45	1.27 0.75	1.23 0.72	1.50 0.88
Isopropylbenzene	0.18		0.29 0.16	0.31 0.17	0.14 U 0.08	0.39 0.22
a-Pinene	0.18		0.18 U 0.10	0.69 0.39	0.33 0.18	0.33 0.18
n-Propylbenzene	0.21		0.32 0.18	0.52 0.29	0.60 0.33	0.76 0.42
m-Ethyltoluene	0.15		0.50 0.28	1.20 0.66	1.54 0.85	1.71 0.94
p-Ethyltoluene	0.19		0.43 0.24	0.75 0.41	0.90 0.50	1.17 0.65
1,3,5-Trimethylbenzene	0.18		0.55 0.31	1.08 0.60	0.97 0.54	1.15 0.63
o-Ethyltoluene	0.22		0.49 0.27	0.90 0.50	0.92 0.50	1.06 0.58
b-Pinene	0.22		ND ND	ND ND	ND ND	ND ND
1,2,4-Trimethylbenzene	0.21		0.93 0.51	2.51 1.38	2.52 1.39	2.79 1.54
1-Decene	0.21		ND ND	ND ND	ND ND	ND ND
n-Decane	0.25		0.94 0.55	1.92 1.13	1.24 0.73	1.51 0.89
1,2,3-Trimethylbenzene	0.19		0.38 0.21	0.55 0.30	0.60 0.33	0.83 0.46
m-Diethylbenzene	0.20		0.26 0.14	0.30 0.17	0.69 0.38	0.88 0.49
p-Diethylbenzene	0.22		0.15 U 0.08	0.27 0.15	0.28 0.15	0.47 0.26
1-Undecene	0.22		ND ND	0.28 0.16	ND ND	ND ND
n-Undecane	0.24		0.27 0.16	0.73 0.43	0.90 0.53	1.14 0.67
1-Dodecene	0.24		ND ND	ND ND	0.46 U 0.27	0.43 U 0.25
n-Dodecane	0.49		0.13 U 0.08	0.22 U 0.13	0.43 U 0.25	0.68 0.40
1-Tridecene	0.49		ND ND	ND ND	ND ND	ND ND
n-Tridecane	0.49		ND ND	ND ND	ND ND	ND ND
TNMOC (specified)			137.02 80.49	283.52 166.47	323.80 189.95	341.67 200.30
TNMOC, ppbC (w/ unknowns)			211.39 211.39	378.39 378.39	667.39 667.39	700.34 700.34

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Sample No.:		BTUT 36372 D2		BTUT 36372 R2		BTUT 36504		BTUT 36517		BTUT 36690 D1	
Sampling Date:		10/24/2003		10/24/2003		10/30/2003		11/5/2003		11/11/2003	
Analysis Date:		11/20/2003		11/21/2003		11/21/2003		11/25/2003		11/25/2003	
Filename:		L3KS022		L3KT017		L3KT008		L3KX010		L3KX013	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	7.85	4.54	7.96	4.61	3.90	2.26	6.56	3.80	7.73	4.47
Acetylene	0.11	8.07	4.33	8.30	4.46	4.39	2.36	7.75	4.16	8.61	4.62
Ethane	0.17	14.97	9.28	14.96	9.28	7.12	4.41	13.19	8.18	13.30	8.25
Propylene	0.11	4.87	2.82	5.16	2.99	2.07	1.20	2.93	1.69	3.50	2.02
Propane	0.19	32.00	19.40	33.04	20.03	8.78	5.33	29.26	17.75	17.56	10.65
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	26.37	15.81	26.47	15.87	3.64	2.18	7.46	4.47	16.94	10.15
Isobutene/1-Butene	0.17	3.20	1.85	3.36	1.95	1.96	1.14	2.05	1.19	2.30	1.33
1,3-Butadiene	0.17	0.65	0.36	0.59	0.33	0.32	0.18	0.42	0.24	0.49	0.27
n-Butane	0.17	32.34	19.39	32.76	19.64	6.78	4.07	14.18	8.50	19.49	11.68
trans-2-Butene	0.17	0.72	0.42	0.91	0.53	0.76	0.44	0.38	0.22	0.37	0.21
cis-2-Butene	0.16	0.72	0.42	1.13	0.65	0.63	0.37	0.36	0.21	0.45	0.26
3-Methyl-1-butene	0.16	ND	ND	0.42	0.24	ND	ND	0.16	U 0.09	0.20	U 0.11
Isopentane	0.19	NR	NR	NR	NR	5.91	3.52	11.05	6.58	14.84	8.83
1-Pentene	0.20	1.46	0.85	1.59	0.92	0.59	0.34	0.20	U 0.11	7.42	4.30
2-Methyl-1-butene	0.20	2.69	1.56	2.23	1.29	0.40	0.23	0.54	0.31	0.68	0.39
n-Pentane	0.19	18.53	11.03	18.70	11.13	4.13	2.46	6.92	4.12	9.38	5.58
Isoprene	0.20	0.56	0.31	0.82	0.46	0.53	0.30	0.26	0.15	0.36	0.20
trans-2-Pentene	0.21	1.43	0.85	1.66	0.99	0.66	0.39	0.64	0.38	0.71	0.42
cis-2-Pentene	0.22	0.82	0.49	1.10	0.66	0.58	0.34	0.32	0.19	0.39	0.23
2-Methyl-2-butene	0.22	1.90	1.10	1.76	1.02	0.50	0.29	0.86	0.50	1.32	0.77
2,2-Dimethylbutane	0.20	1.41	0.83	1.86	1.10	0.87	0.51	0.64	0.38	0.77	0.46
Cyclopentene	0.20	0.71	0.40	0.65	0.36	0.54	0.30	0.52	0.29	0.60	0.34
4-Methyl-1-pentene	0.20	ND	ND	0.17	U 0.10	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	1.42	0.82	1.66	0.96	0.52	0.30	0.54	0.31	0.75	0.43
2,3-Dimethylbutane	0.20	2.44	1.45	2.77	1.64	1.08	0.64	1.01	0.60	1.59	0.94
2-Methylpentane	0.13	9.10	5.39	8.86	5.25	2.71	1.61	4.21	2.49	5.14	3.04
3-Methylpentane	0.22	5.17	3.07	5.51	3.26	1.82	1.08	2.01	1.19	2.65	1.57
2-Methyl-1-pentene	0.22	0.24	U 0.14	0.24	U 0.14	ND	ND	ND	ND	0.15	U 0.09
1-Hexene	0.32	0.61	0.36	1.10	0.65	0.70	0.41	0.31	U 0.18	0.30	U 0.18
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	8.67	5.14	8.74	5.18	2.31	1.37	3.24	1.92	4.45	2.64
trans-2-Hexene	0.21	0.34	0.20	0.32	0.19	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	0.62	0.37	0.55	0.32	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	4.38	2.53	4.75	2.75	1.21	0.70	1.69	0.98	2.30	1.33
2,4-Dimethylpentane	0.22	1.80	0.91	2.16	1.10	0.97	0.49	0.99	0.50	1.37	0.70
Benzene	0.18	6.07	3.26	6.09	3.27	2.64	1.42	3.70	1.99	4.34	2.33
Cyclohexane	0.16	3.27	1.89	3.54	2.05	1.08	0.62	1.21	0.70	1.26	0.73
2-Methylhexane	0.21	3.50	2.07	3.51	2.07	1.24	0.73	1.23	0.72	1.48	0.87
2,3-Dimethylpentane	0.28	3.23	1.91	3.33	1.97	1.57	0.93	1.69	1.00	2.26	1.33
3-Methylhexane	0.17	3.63	2.14	3.96	2.34	1.23	0.73	1.19	0.70	1.37	0.81
1-Heptene	0.17	0.80	0.47	0.82	0.48	0.25	U 0.15	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	5.17	3.04	5.24	3.08	1.99	1.17	3.10	1.82	3.74	2.20
n-Heptane	0.23	3.57	2.11	3.63	2.14	1.21	0.71	1.45	0.86	1.85	1.09
Methylcyclohexane	0.25	3.92	2.27	4.11	2.38	1.18	0.68	1.46	0.85	1.89	1.09
2,2,3-Trimethylpentane	0.25	0.78	0.46	1.03	0.61	0.31	0.18	0.66	0.39	0.78	0.46
2,3,4-Trimethylpentane	0.20	1.64	0.97	1.83	1.08	0.87	0.51	0.93	0.55	1.60	0.94
Toluene	0.20	17.18	9.33	17.17	9.32	6.29	3.42	9.68	5.26	12.89	7.00
2-Methylheptane	0.17	0.87	0.51	1.28	0.75	0.47	0.28	0.51	0.30	0.60	0.35
3-Methylheptane	0.20	0.65	0.38	1.08	0.64	0.55	0.33	0.43	0.25	0.47	0.28
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.76	1.04	2.11	1.24	0.88	0.52	0.76	0.45	1.04	0.61
Ethylbenzene	0.21	2.08	1.25	2.17	1.30	0.91	0.55	1.19	0.72	1.50	0.90
m-Xylene/p-Xylene	0.16	7.76	4.25	7.65	4.19	3.24	1.77	4.64	2.54	6.06	3.32
Styrene	0.20	1.06	0.57	1.21	0.65	0.97	0.52	1.64	0.88	1.69	0.91
o-Xylene	0.19	2.98	1.63	2.83	1.55	1.20	0.66	1.59	0.87	2.20	1.20
1-Nonene	0.19	ND	ND	0.15	U 0.09	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	1.26	0.74	1.37	0.81	0.60	0.35	0.57	0.33	0.70	0.41
Isopropylbenzene	0.18	ND	ND	0.39	0.21	0.38	0.21	0.21	0.12	0.16	U 0.09
a-Pinene	0.18	1.80	1.01	1.86	1.05	0.18	U 0.10	0.46	0.26	0.70	0.39
n-Propylbenzene	0.21	0.60	0.33	0.70	0.39	0.45	0.25	0.46	0.25	0.46	0.25
m-Ethyltoluene	0.15	1.56	0.86	1.61	0.89	0.78	0.43	1.04	0.57	1.38	0.76
p-Ethyltoluene	0.19	0.78	0.43	1.13	0.62	0.64	0.35	0.67	0.37	0.78	0.43
1,3,5-Trimethylbenzene	0.18	0.97	0.54	1.09	0.60	0.54	0.30	0.87	0.37	0.89	0.49
o-Ethyltoluene	0.22	0.71	0.39	0.97	0.54	0.53	0.29	0.55	0.30	0.71	0.39
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	2.51	1.38	2.70	1.49	1.48	0.81	1.82	1.00	2.37	1.31
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.21	0.71	1.54	0.91	0.66	0.39	0.60	0.35	0.81	0.47
1,2,3-Trimethylbenzene	0.19	0.53	0.29	0.68	0.37	0.40	0.22	0.45	0.25	0.60	0.33
m-Diethylbenzene	0.20	0.48	0.27	0.64	0.35	0.38	0.21	0.59	0.33	0.60	0.33
p-Diethylbenzene	0.22	0.32	0.18	0.41	0.23	0.30	0.17	0.28	0.15	0.34	0.19
1-Undecene	0.22	0.15	U 0.09	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.78	0.46	1.04	0.61	0.61	0.36	0.54	0.32	0.55	0.32
1-Dodecene	0.24	0.29	U 0.17	0.24	U 0.14	0.38	U 0.22	0.29	U 0.17	0.27	U 0.16
n-Dodecane	0.49	0.39	U 0.23	0.66	0.38	0.56	0.33	0.56	0.33	0.45	U 0.26
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (specified)		280.32	164.03	291.99	170.80	103.28	60.04	167.44	97.98	204.85	119.50
TNMOC, ppbC (w/ unknowns)		521.21	521.21	778.33	778.33	134.15	134.15	209.23	209.23	265.92	265.92

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Sample No.:		BTUT 36690 R1		BTUT 36692 D2		BTUT 36692 R2		BTUT 36859		BTUT 36838						
Sampling Date:		11/11/2003		11/11/2003		11/11/2003		11/17/2003		11/23/2003						
Analysis Date:		11/26/2003		11/25/2003		11/26/2003		12/8/2003		12/10/2003						
Filename:		L3KY012		L3KX014		L3KY013		L3LH010		L3LJ007						
	MDL	ppbC	ug/m³	ppbC	ug/m³	ppbC	ug/m³	ppbC	ug/m³	ppbC	ug/m³					
Ethylene	0.15	7.49	4.33	5.79	3.35	5.66	3.27	3.99	2.31	5.32	3.08					
Acetylene	0.11	8.13	4.37	6.38	3.43	5.94	3.19	3.28	1.76	6.50	3.49					
Ethane	0.17	12.88	7.99	10.55	6.54	10.29	6.38	5.37	3.33	14.33	8.89					
Propylene	0.11	3.40	1.97	2.67	1.55	2.59	1.50	1.85	1.07	2.75	1.59					
Propane	0.19	16.91	10.25	13.55	8.22	12.99	7.87	6.31	3.83	27.32	16.57					
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					
Isobutane	0.14	15.97	9.57	12.05	7.22	11.17	6.69	2.87	1.72	17.52	10.50					
Isobutene/1-Butene	0.17	2.18	1.26	1.76	1.02	1.72	0.99	2.81	1.62	2.06	1.19					
1,3-Butadiene	0.17	0.47	0.26	0.38	0.21	0.35	0.19	0.16	U	0.09	0.16					
n-Butane	0.17	18.76	11.25	14.53	8.71	14.01	8.40	6.06	3.63	21.81	13.07					
trans-2-Butene	0.17	0.41	0.23	0.41	0.24	0.22	0.13	0.17	U	0.10	0.49					
cis-2-Butene	0.16	0.40	0.23	0.32	0.19	0.28	0.16	0.19	0.11	0.46	0.26					
3-Methyl-1-butene	0.16	ND	ND	0.14	U	0.08	0.16	U	0.09	ND	U	0.11				
Isopentane	0.19	14.29	8.50	10.97	6.53	10.56	6.29	NR	NR	8.86	5.27					
1-Pentene	0.20	6.77	3.92	2.05	1.19	1.90	1.10	0.39	0.23	0.58	0.34					
2-Methyl-1-butene	0.20	0.60	0.35	0.49	0.28	0.50	0.29	0.28	0.16	0.57	0.33					
n-Pentane	0.19	8.89	5.29	6.68	3.98	6.29	3.75	3.14	1.87	7.93	4.72					
Isoprene	0.20	0.39	0.22	0.39	0.22	0.37	0.21	0.12	U	0.07	U	0.10				
trans-2-Pentene	0.21	0.65	0.39	0.54	0.32	0.53	0.31	0.27	0.16	0.50	0.30					
cis-2-Pentene	0.22	0.35	0.21	0.29	0.17	0.27	0.16	0.15	U	0.09	0.30					
2-Methyl-2-butene	0.22	0.72	0.42	0.59	0.34	0.54	0.31	ND	ND	0.64	0.37					
2,2-Dimethylbutane	0.20	0.78	0.46	0.41	0.24	0.55	0.33	0.24	0.14	0.51	0.30					
Cyclopentene	0.20	0.49	0.28	1.88	1.06	1.78	1.00	0.25	0.14	0.37	0.21					
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.13	U	0.07				
Cyclopentane	0.20	0.68	0.39	0.54	0.31	0.51	0.30	0.22	0.13	0.61	0.35					
2,3-Dimethylbutane	0.20	1.36	0.80	1.03	0.61	1.01	0.60	0.40	0.24	1.09	0.65					
2-Methylpentane	0.13	4.93	2.92	3.58	2.12	3.45	2.04	3.96	2.34	4.25	2.52					
3-Methylpentane	0.22	2.65	1.57	2.16	1.28	2.01	1.19	0.87	0.51	2.23	1.32					
2-Methyl-1-pentene	0.22	0.14	U	0.08	0.14	U	0.08	ND	ND	ND	ND					
1-Hexene	0.32	0.22	U	0.13	0.25	U	0.15	0.22	U	0.13	0.37	0.22	0.38	0.23		
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Hexane	0.21	4.37	2.59	3.45	2.04	3.19	1.89	1.39	0.82	3.74	2.22	2.22	2.22	2.22		
trans-2-Hexene	0.21	0.15	U	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclopentane	0.21	2.13	1.23	1.63	0.94	1.57	0.91	1.31	0.76	1.72	0.99	1.72	0.99	1.72		
2,4-Dimethylpentane	0.22	1.39	0.71	0.99	0.50	0.98	0.50	0.36	0.18	1.08	0.55	1.08	0.55	1.08		
Benzene	0.18	4.27	2.29	3.59	1.93	3.24	1.74	1.87	1.00	3.07	1.65	3.07	1.65	3.07		
Cyclohexane	0.16	1.34	0.78	1.05	0.61	0.78	0.45	0.44	0.25	1.37	0.79	1.37	0.79	1.37		
2-Methylhexane	0.21	1.31	0.77	0.98	0.58	0.99	0.59	3.76	2.22	1.41	0.83	1.41	0.83	1.41		
2,3-Dimethylpentane	0.28	2.42	1.43	1.54	0.91	1.51	0.89	0.82	0.48	1.91	1.13	1.91	1.13	1.91		
3-Methylhexane	0.17	1.48	0.87	1.22	0.72	1.25	0.74	6.34	3.74	1.40	0.83	1.40	0.83	1.40		
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.39	0.23	0.41	0.23	0.41	0.23	0.41		
2,2,4-Trimethylpentane	0.19	3.91	2.30	2.76	1.62	2.83	1.67	1.29	0.76	2.48	1.46	2.48	1.46	2.48		
n-Heptane	0.23	1.78	1.05	1.53	0.90	1.46	0.86	0.59	0.35	1.85	1.09	1.85	1.09	1.85		
Methylcyclohexane	0.25	1.93	1.12	1.66	0.96	1.53	0.89	0.51	0.30	2.26	1.30	2.26	1.30	2.26		
2,2,3-Trimethylpentane	0.25	0.58	0.34	0.47	0.28	0.52	0.31	0.39	0.23	0.46	0.27	0.46	0.27	0.46		
2,3,4-Trimethylpentane	0.20	1.43	0.84	0.96	0.56	0.90	0.53	0.53	0.31	0.67	0.39	0.67	0.39	0.67		
Toluene	0.20	12.43	6.75	10.34	5.61	9.97	5.41	4.19	2.28	6.36	3.45	6.36	3.45	6.36		
2-Methylheptane	0.17	0.46	0.27	0.45	0.27	0.37	0.22	ND	ND	0.53	0.31	0.53	0.31	0.53		
3-Methylheptane	0.20	0.43	0.25	0.39	0.23	0.39	0.23	ND	ND	0.41	0.24	0.41	0.24	0.41		
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Octane	0.21	0.97	0.57	0.88	0.52	0.81	0.48	0.38	0.23	1.04	0.61	1.04	0.61	1.04		
Ethylbenzene	0.21	1.46	0.88	1.21	0.73	1.15	0.69	0.56	0.33	0.74	0.44	0.74	0.44	0.74		
m-Xylene/p-Xylene	0.16	5.78	3.17	4.42	2.42	4.19	2.29	2.06	1.13	2.75	1.51	2.75	1.51	2.75		
Styrene	0.20	1.35	0.72	0.92	0.49	1.02	0.55	1.65	0.89	0.20	U	0.11	0.11	0.11		
o-Xylene	0.19	2.06	1.13	1.60	0.87	1.56	0.85	0.67	0.36	0.99	0.54	0.99	0.54	0.99		
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Nonane	0.11	0.64	0.38	0.58	0.34	0.56	0.33	0.25	0.14	0.51	0.30	0.51	0.30	0.51		
Isopropylbenzene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
a-Pinene	0.18	0.52	0.29	0.65	0.37	0.88	0.49	ND	ND	ND	ND	ND	ND	ND		
n-Propylbenzene	0.21	0.36	0.20	0.34	0.19	0.30	0.16	0.17	U	0.09	0.21	0.12	0.12	0.12		
m-Ethyltoluene	0.15	1.29	0.71	0.94	0.52	0.92	0.50	0.35	0.19	0.44	0.24	0.44	0.24	0.44		
p-Ethyltoluene	0.19	0.69	0.38	0.55	0.30	0.47	0.26	0.24	0.13	0.28	0.16	0.28	0.16	0.28		
1,3,5-Trimethylbenzene	0.18	0.75	0.41	0.61	0.33	0.49	0.27	0.26	0.14	0.32	0.18	0.32	0.18	0.32		
o-Ethyltoluene	0.22	0.53	0.29	0.46	0.25	0.46	0.25	0.17	U	0.09	0.29	0.16	0.16	0.16		
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	0.21	2.07	1.14	1.63	0.90	1.43	0.79	0.74	0.41	0.77	0.43	0.77	0.43	0.77		
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Decane	0.25	0.70	0.41	0.56	0.33	0.60	0.35	0.15	U	0.09	0.32	0.19	0.19	0.19		
1,2,3-Trimethylbenzene	0.19	0.50	0.27	0.41	0.22	0.34	0.18	0.15	U	0.08	0.20	0.11	0.11	0.11		
m-Diethylbenzene	0.20	0.42	0.23	0.35	0.19	0.26	0.15	0.38	0.21	0.18	U	0.10	0.10	0.10		
p-Diethylbenzene	0.22	0.20	U	0.11	0.21	U	0.12	0.14	U	0.08	ND	ND	ND	ND		
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Undecane	0.24	0.50	0.29	0.45	0.26	0.46	0.27	0.18	U	0.11	0.19	U	0.11	0.11		
1-Dodecene	0.24	0.20	U	0.11	0.41	U	0.24	0.30	U	0.17	0.15	U	0.08	ND	ND	
n-Dodecane	0.49	0.37	U	0.21	0.39	U	0.23	0.30	U	0.18	0.17	U	0.10	0.18	U	0.11
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (specified)		194.06	113.26	151.09	88.14	143.94	83.99	76.56	44.61	168.86	99.59	168.86	99.59	168.86	99.59	168.86
TNMOC, ppbC (w/ unknowns)		249.66	249.66	202.20	202.20	195.39	195.39	244.72	244.72	233.46	233.46	233.46	233.46	233.46	233.46	233.46

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Sample No.:		BTUT 37019		BTUT 37021		BTUT 37180		BTUT 37254		BTUT 37243	
Sampling Date:		11/29/2003		12/5/2003		12/11/2003		12/23/2003		12/23/2003	
Analysis Date:		12/29/2003		12/29/2003		11/1/2004				1/9/2004	
Filename:		VOID		L3L#014		L3L%020		VOID		L4AI009	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15			14.98	8.67	6.07	3.51			13.92	8.05
Acetylene	0.11			17.44	9.37	7.66	4.11			16.27	8.74
Ethane	0.17			31.92	19.80	11.31	7.02			24.28	15.06
Propylene	0.11			6.85	3.97	2.47	1.43			5.57	3.22
Propane	0.19			68.49	41.54	11.26	6.83			49.40	29.96
Propyne	0.19			ND	ND	ND	ND			ND	ND
Isobutane	0.14			42.17	25.27	7.54	4.52			22.28	13.36
Isobutene/1-Butene	0.17			5.88	3.40	1.78	1.03			4.43	2.56
1,3-Butadiene	0.17			1.03	0.57	0.46	0.26			0.87	0.49
n-Butane	0.17			52.35	31.38	11.09	6.65			28.63	17.16
trans-2-Butene	0.17			2.24	1.29	0.58	0.33			1.06	0.61
cis-2-Butene	0.16			1.89	1.09	0.44	0.25			1.05	0.61
3-Methyl-1-butene	0.16			0.55	0.32	0.15	U 0.09			0.33	0.19
Isopentane	0.19			34.91	20.78	7.47	4.45			19.52	11.62
1-Pentene	0.20			1.60	0.93	0.28	0.16			0.69	0.40
2-Methyl-1-butene	0.20			1.68	0.97	0.44	0.25			0.96	0.56
n-Pentane	0.19			22.26	13.25	5.23	3.11			11.47	6.83
Isoprene	0.20			0.56	0.31	0.17	U 0.09			0.48	0.27
trans-2-Pentene	0.21			1.89	1.12	0.53	0.31			1.08	0.65
cis-2-Pentene	0.22			0.97	0.58	0.29	0.17			0.57	0.34
2-Methyl-2-butene	0.22			2.30	1.33	0.47	0.27			1.39	0.80
2,2-Dimethylbutane	0.20			1.43	0.84	0.50	0.30			1.00	0.59
Cyclopentene	0.20			0.63	0.35	0.22	0.12			0.35	0.19
4-Methyl-1-pentene	0.20			0.26	U 0.15	0.13	U 0.07			0.23	U 0.13
Cyclopentane	0.20			1.78	1.03	0.35	0.20			1.02	0.59
2,3-Dimethylbutane	0.20			3.42	2.03	0.82	0.49			2.01	1.19
2-Methylpentane	0.13			11.34	6.72	4.34	2.57			7.00	4.15
3-Methylpentane	0.22			6.27	3.72	1.52	0.90			4.02	2.38
2-Methyl-1-pentene	0.22			0.28	U 0.17	ND	ND			0.25	U 0.15
1-Hexene	0.32			0.72	0.43	0.27	U 0.16			0.42	0.25
2-Ethyl-1-butene	0.22			ND	ND	ND	ND			ND	ND
n-Hexane	0.21			10.32	6.11	2.73	1.62			6.19	3.67
trans-2-Hexene	0.21			0.41	0.24	ND	ND			0.22	U 0.13
cis-2-Hexene	0.21			0.24	U 0.14	ND	ND			0.16	U 0.10
Methylcyclopentane	0.21			5.00	2.89	2.23	1.29			3.08	1.78
2,4-Dimethylpentane	0.22			3.15	1.60	0.79	0.40			1.84	0.93
Benzene	0.18			8.96	4.81	3.37	1.81			7.34	3.94
Cyclohexane	0.16			3.70	2.14	0.83	0.48			2.09	1.21
2-Methylhexane	0.21			3.64	2.15	0.91	0.54			2.34	1.38
2,3-Dimethylpentane	0.28			5.40	3.19	1.37	0.81			2.91	1.72
3-Methylhexane	0.17			4.40	2.60	1.26	0.74			3.17	1.87
1-Heptene	0.17			0.77	0.44	ND	ND			ND	ND
2,2,4-Trimethylpentane	0.19			8.21	4.83	2.22	1.31			5.22	3.07
n-Heptane	0.23			5.11	3.01	1.38	0.82			3.21	1.89
Methylcyclohexane	0.25			5.67	3.28	1.33	0.77			3.41	1.97
2,2,3-Trimethylpentane	0.25			1.70	1.00	0.13	U 0.08			1.08	0.64
2,3,4-Trimethylpentane	0.20			2.53	1.49	0.69	0.41			1.60	0.94
Toluene	0.20			22.91	12.44	7.76	4.21			18.19	9.88
2-Methylheptane	0.17			1.68	0.99	0.31	0.18			1.16	0.68
3-Methylheptane	0.20			1.34	0.79	0.41	0.24			1.04	0.61
1-Octene	0.20			ND	ND	ND	ND			0.13	U 0.08
n-Octane	0.21			3.17	1.87	0.69	0.40			1.93	1.13
Ethylbenzene	0.21			3.17	1.90	1.12	0.67			2.59	1.55
m-Xylene/p-Xylene	0.16			12.66	6.93	4.22	2.31			9.91	5.43
Styrene	0.20			1.16	0.62	1.10	0.59			1.81	0.97
o-Xylene	0.19			4.32	2.36	1.46	0.80			3.46	1.89
1-Nonene	0.19			0.42	0.24	ND	ND			ND	ND
n-Nonane	0.11			2.03	1.19	0.43	0.25			1.40	0.82
Isopropylbenzene	0.18			0.17	U 0.09	ND	ND			0.16	U 0.09
a-Pinene	0.18			0.64	0.36	0.20	U 0.11			0.52	0.29
n-Propylbenzene	0.21			0.80	0.44	0.27	0.15			0.64	0.35
m-Ethyltoluene	0.15			2.46	1.35	0.84	0.46			1.86	1.03
p-Ethyltoluene	0.19			1.24	0.68	0.42	0.23			1.03	0.57
1,3,5-Trimethylbenzene	0.18			1.56	0.86	0.48	0.27			1.17	0.64
o-Ethyltoluene	0.22			1.24	0.68	0.31	0.17			1.06	0.59
b-Pinene	0.22			ND	ND	0.22	U 0.12			0.39	0.22
1,2,4-Trimethylbenzene	0.21			3.75	2.07	1.37	0.75			2.81	1.55
1-Decene	0.21			ND	ND	ND	ND			ND	ND
n-Decane	0.25			2.02	1.18	0.46	0.27			1.45	0.85
1,2,3-Trimethylbenzene	0.19			0.75	0.42	0.27	0.15			0.54	0.30
m-Diethylbenzene	0.20			0.31	0.17	0.12	U 0.07			0.25	0.14
p-Diethylbenzene	0.22			0.31	0.17	0.14	U 0.08			0.31	0.17
1-Undecene	0.22			ND	ND	ND	ND			0.13	U 0.07
n-Undecane	0.24			1.25	0.73	0.34	0.20			1.03	0.60
1-Dodecene	0.24			0.13	U 0.07	ND	ND			ND	ND
n-Dodecane	0.49			0.64	0.38	0.15	U 0.09			0.50	0.29
1-Tridecene	0.49			ND	ND	ND	ND			ND	ND
n-Tridecane	0.49			0.13	U 0.08	ND	ND			ND	ND
TNMOC (speciated)				477.52	280.41	126.16	73.53			319.84	187.14
TNMOC, ppbC (w/ unknowns)				550.29	550.29	162.68	162.68			388.46	388.46

U Under detection limit.
NR Not reported due to co-eluting compound

Bountiful, UT (BTUT) 2003 UATMP SNMOC Final Data Report

Sample No.:		BTUT 37292	
Sampling Date:		12/29/2003	
Analysis Date:		1/9/2004	
Filename:		L4AI008	
	MDL	ppbC	ug/m ³
Ethylene	0.15	2.76	1.60
Acetylene	0.11	3.32	1.78
Ethane	0.17	8.12	5.04
Propylene	0.11	1.25	0.72
Propane	0.19	5.71	3.46
Propyne	0.19	ND	ND
Isobutane	0.14	3.94	2.36
Isobutene/1-Butene	0.17	1.55	0.90
1,3-Butadiene	0.17	0.14 U	0.08
n-Butane	0.17	5.95	3.56
trans-2-Butene	0.17	0.54	0.31
cis-2-Butene	0.16	0.25	0.15
3-Methyl-1-butene	0.16	ND	ND
Isopentane	0.19	4.44	2.65
1-Pentene	0.20	0.39	0.23
2-Methyl-1-butene	0.20	0.25	0.14
n-Pentane	0.19	3.55	2.11
Isoprene	0.20	ND	ND
trans-2-Pentene	0.21	0.23	0.14
cis-2-Pentene	0.22	0.14 U	0.08
2-Methyl-2-butene	0.22	0.22	0.13
2,2-Dimethylbutane	0.20	0.34	0.20
Cyclopentene	0.20	0.19 U	0.11
4-Methyl-1-pentene	0.20	0.12 U	0.07
Cyclopentane	0.20	0.21	0.12
2,3-Dimethylbutane	0.20	0.44	0.26
2-Methylpentane	0.13	2.04	1.21
3-Methylpentane	0.22	1.28	0.76
2-Methyl-1-pentene	0.22	ND	ND
1-Hexene	0.32	0.24 U	0.14
2-Ethyl-1-butene	0.22	ND	ND
n-Hexane	0.21	1.72	1.02
trans-2-Hexene	0.21	ND	ND
cis-2-Hexene	0.21	ND	ND
Methylcyclopentane	0.21	0.81	0.47
2,4-Dimethylpentane	0.22	0.38	0.19
Benzene	0.18	1.80	0.97
Cyclohexane	0.16	0.53	0.30
2-Methylhexane	0.21	0.40	0.24
2,3-Dimethylpentane	0.28	0.45	0.27
3-Methylhexane	0.17	0.73	0.43
1-Heptene	0.17	0.34	0.20
2,2,4-Trimethylpentane	0.19	0.94	0.55
n-Heptane	0.23	0.72	0.42
Methylcyclohexane	0.25	0.91	0.53
2,2,3-Trimethylpentane	0.25	0.18 U	0.11
2,3,4-Trimethylpentane	0.20	0.27	0.16
Toluene	0.20	3.68	2.00
2-Methylheptane	0.17	0.29	0.17
3-Methylheptane	0.20	0.21	0.12
1-Octene	0.20	ND	ND
n-Octane	0.21	0.55	0.32
Ethylbenzene	0.21	0.53	0.32
m-Xylene/p-Xylene	0.16	1.92	1.05
Styrene	0.20	0.70	0.38
o-Xylene	0.19	0.62	0.34
1-Nonene	0.19	ND	ND
n-Nonane	0.11	0.40	0.23
Isopropylbenzene	0.18	0.12 U	0.07
a-Pinene	0.18	ND	ND
n-Propylbenzene	0.21	0.27	0.15
m-Ethyltoluene	0.15	0.40	0.22
p-Ethyltoluene	0.19	0.29	0.16
1,3,5-Trimethylbenzene	0.18	0.28	0.15
o-Ethyltoluene	0.22	0.23	0.13
b-Pinene	0.22	ND	ND
1,2,4-Trimethylbenzene	0.21	0.86	0.47
1-Decene	0.21	ND	ND
n-Decane	0.25	0.24 U	0.14
1,2,3-Trimethylbenzene	0.19	0.19	0.11
m-Diethylbenzene	0.20	0.13 U	0.07
p-Diethylbenzene	0.22	0.13 U	0.07
1-Undecene	0.22	ND	ND
n-Undecane	0.24	0.24	0.14
1-Dodecene	0.24	ND	ND
n-Dodecane	0.49	0.21 U	0.12
1-Tridecene	0.49	ND	ND
n-Tridecane	0.49	ND	ND
TNMOC (speciated)		70.28	41.10
TNMOC, ppbC (w/ unknowns)		107.22	107.22

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 31470		CUSD 31482		CUSD 31605		CUSD 31657		CUSD 31812 D1	
Sampling Date:		1/3/2003		1/9/2003		1/15/2003		1/21/2003		1/27/2003	
Analysis Date:		1/21/2003		1/21/2003		2/14/2003		2/19/2003		2/19/2003	
Filename:		L3AT014		L3AT020		N3BN007		N3BS007		N3BS011	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	5.88	3.40	5.70	3.30	2.27	1.31	1.80	1.04	9.11	5.27
Acetylene	0.11	4.98	2.67	3.74	2.01	2.17	1.16	1.73	0.93	6.23	3.35
Ethane	0.17	9.84	6.10	8.06	5.00	7.90	4.90	6.89	4.27	8.85	5.49
Propylene	0.11	3.01	1.74	2.19	1.27	0.91	0.52	0.80	0.46	4.14	2.39
Propane	0.19	76.95	46.67	40.91	24.81	16.12	9.77	12.37	7.50	49.67	30.12
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	7.95	4.76	2.07	1.24	1.83	1.10	1.72	1.03	5.12	3.07
Isobutene/1-Butene	0.17	2.96	1.71	1.19	0.69	1.53	0.89	1.45	0.84	4.52	2.62
1,3-Butadiene	0.17	0.39	0.22	0.31	0.17	0.12	U	ND	ND	0.53	0.29
n-Butane	0.17	11.93	7.15	3.50	2.10	3.75	2.25	3.56	2.13	6.51	3.90
trans-2-Butene	0.17	1.03	0.60	0.23	0.13	0.11	U	0.15	U	0.66	0.38
cis-2-Butene	0.16	0.95	0.55	0.22	0.13	0.11	U	0.19	0.11	0.65	0.38
3-Methyl-1-butene	0.16	0.26	0.15	ND	ND	ND	ND	ND	ND	0.15	U
Isopentane	0.19	10.44	6.21	2.82	1.68	2.06	1.22	2.71	1.61	8.83	5.26
1-Pentene	0.20	0.64	0.37	0.15	U	0.09	0.38	0.22	0.14	U	0.08
2-Methyl-1-butene	0.20	0.80	0.46	0.29	0.17	ND	ND	ND	ND	0.58	0.34
n-Pentane	0.19	5.44	3.24	1.89	1.13	1.70	1.01	3.53	2.10	3.68	2.19
Isoprene	0.20	0.29	0.16	0.33	0.18	0.11	U	0.22	0.12	0.46	0.26
trans-2-Pentene	0.21	0.84	0.50	0.23	0.14	ND	ND	0.16	U	0.10	0.56
cis-2-Pentene	0.22	0.42	0.25	ND	ND	ND	ND	0.19	U	0.11	0.44
2-Methyl-2-butene	0.22	0.67	0.39	0.23	0.13	ND	ND	ND	ND	0.63	0.36
2,2-Dimethylbutane	0.20	0.38	0.22	ND	ND	0.25	0.15	0.27	0.16	0.77	0.46
Cyclopentene	0.20	0.24	0.14	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.77	0.45	0.22	0.12	0.27	0.15	0.30	0.17	0.53	0.31
2,3-Dimethylbutane	0.20	0.64	0.38	0.31	0.18	0.23	0.14	0.31	0.18	1.20	0.71
2-Methylpentane	0.13	2.88	1.71	1.12	0.67	0.74	0.44	0.71	0.42	4.33	2.57
3-Methylpentane	0.22	2.25	1.34	0.72	0.43	0.49	0.29	0.56	0.33	6.30	3.73
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.25	U	0.15	ND	ND	0.23	U	0.14	0.37	0.22
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.18	1.29	1.00	0.59	1.08	0.64	0.77	0.46	1.99	1.18
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.24	0.72	0.54	0.31	0.38	0.22	0.38	0.22	0.96	0.56
2,4-Dimethylpentane	0.22	0.60	0.30	0.21	U	0.11	0.19	U	0.09	0.22	0.11
Benzene	0.18	3.11	1.67	3.34	1.79	1.82	0.98	1.40	0.75	4.82	2.59
Cyclohexane	0.16	0.46	0.27	0.23	0.13	0.22	0.13	0.41	0.24	0.58	0.33
2-Methylhexane	0.21	2.26	1.33	1.39	0.82	0.20	U	0.12	0.34	0.20	1.44
2,3-Dimethylpentane	0.28	1.45	0.86	1.12	0.66	0.51	0.30	0.44	0.26	5.76	3.40
3-Methylhexane	0.17	1.42	0.84	0.70	0.41	0.30	0.18	0.32	0.19	28.89	17.06
1-Heptene	0.17	0.19	U	0.11	ND	ND	0.18	U	0.10	0.11	U
2,2,4-Trimethylpentane	0.19	1.51	0.89	0.82	0.48	0.42	0.24	0.44	0.26	2.50	1.47
n-Heptane	0.23	0.87	0.51	0.52	0.31	0.33	0.19	0.38	0.22	1.57	0.93
Methylcyclohexane	0.25	0.45	0.26	ND	ND	0.27	0.15	0.34	0.20	0.73	0.42
2,2,3-Trimethylpentane	0.25	0.25	0.15	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.40	0.24	0.25	0.15	0.13	U	0.08	0.28	0.17	0.87
Toluene	0.20	6.17	3.35	3.53	1.92	1.75	0.95	1.83	1.00	10.70	5.81
2-Methylheptane	0.17	0.30	0.18	ND	ND	0.12	U	0.07	0.17	0.10	1.23
3-Methylheptane	0.20	0.39	0.23	ND	ND	0.14	U	0.08	0.17	U	0.10
1-Octene	0.20	ND	ND	ND	ND	0.15	U	0.09	ND	ND	ND
n-Octane	0.21	0.62	0.36	0.29	0.17	0.19	U	0.11	0.27	0.16	0.74
Ethylbenzene	0.21	0.73	0.44	0.41	0.25	0.33	0.20	0.34	0.20	1.37	0.82
m-Xylene/p-Xylene	0.16	2.44	1.33	1.32	0.72	0.74	0.40	0.82	0.45	6.38	3.49
Styrene	0.20	ND	ND	ND	ND	0.13	U	0.07	0.17	U	0.09
o-Xylene	0.19	0.90	0.49	0.42	0.23	0.29	0.16	0.34	0.19	2.49	1.36
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.24	0.14	ND	ND	0.11	U	0.06	0.16	0.09	0.37
Isopropylbenzene	0.18	ND	ND	ND	ND	ND	ND	0.13	U	0.07	0.16
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	ND	ND	ND	ND	0.10	U	0.06	0.20	U	0.11
m-Ethyltoluene	0.15	0.34	0.19	0.23	0.13	0.12	U	0.06	0.19	U	0.10
p-Ethyltoluene	0.19	0.20	0.11	ND	ND	ND	ND	0.19	U	0.10	0.73
1,3,5-Trimethylbenzene	0.18	ND	ND	ND	ND	ND	ND	0.14	U	0.08	0.42
o-Ethyltoluene	0.22	0.23	0.12	ND	ND	0.11	U	0.06	0.20	U	0.11
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.45	0.25	0.22	0.12	0.25	0.14	0.27	0.15	1.85	1.02
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.26	0.15	ND	ND	0.12	U	0.07	0.23	U	0.14
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	ND	ND	ND	0.10	U	0.06	0.26
m-Diethylbenzene	0.20	ND	ND	ND	ND	ND	ND	0.13	U	0.07	0.22
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	0.22	0.12
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.20	U	0.11	ND	ND	ND	0.16	U	0.09	0.40
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	ND	ND	0.25	U	0.15	ND	ND	ND	0.16	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		182.91	108.58	93.20	55.20	53.89	31.91	52.16	30.82	241.50	140.04
TNMOC, ppbC (w/ unknowns)		274.45	274.45	162.27	162.27	69.35	69.35	64.81	64.81	428.60	428.60

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 31813 D2 1/27/2003		CUSD 31849 2/2/2003		CUSD 31923 2/8/2003		CUSD 32954 2/14/2003		CUSD 32083 2/20/2003	
Sampling Date:											
Analysis Date:											
Filename:		VOID		L3B-012		L3B-017		L3CM011		L3CR023	
	MDL	ppbC	ppbV	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15			7.91	* 4.57	8.08	* 4.68	8.86	* 5.12	3.73	* 2.16
Acetylene	0.11			3.78	2.03	7.16	3.85	9.88	5.30	3.09	1.66
Ethane	0.17			0.01	U 0.01	8.58	5.32	14.21	8.82	8.28	5.13
Propylene	0.11			3.43	1.98	3.68	2.13	3.60	2.08	1.58	0.92
Propane	0.19			20.46	12.41	24.11	14.62	37.42	22.69	23.29	14.12
Propyne	0.19			ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14			4.83	2.89	42.54	25.50	25.69	15.40	2.41	1.44
Isobutene/1-Butene	0.17			2.76	1.60	7.02	4.06	3.57	2.06	1.07	0.62
1,3-Butadiene	0.17			0.76	0.42	2.02	1.12	0.80	0.45	0.24	0.14
n-Butane	0.17			12.01	7.20	81.94	49.12	14.36	8.61	3.83	2.30
trans-2-Butene	0.17			0.20	0.12	3.62	2.10	0.37	0.21	0.48	0.28
cis-2-Butene	0.16			0.74	0.43	3.95	2.28	0.54	0.31	0.58	0.34
3-Methyl-1-butene	0.16			ND	ND	0.93	0.54	ND	ND	ND	ND
Isopentane	0.19			15.19	9.04	133.52	79.49	219.42	130.62	3.76	2.24
1-Pentene	0.20			0.93	0.54	6.89	3.99	4.67	2.70	0.32	0.18
2-Methyl-1-butene	0.20			0.55	0.32	ND	ND	0.41	0.24	0.21	U 0.12
n-Pentane	0.19			7.03	4.18	244.06	145.29	414.67	246.85	2.50	1.49
Isoprene	0.20			1.11	0.63	0.79	0.45	0.28	0.16	0.66	0.37
trans-2-Pentene	0.21			0.55	0.33	4.49	2.67	0.42	0.25	0.44	0.26
cis-2-Pentene	0.22			0.24	0.14	2.32	1.38	0.24	0.14	0.48	0.28
2-Methyl-2-butene	0.22			0.73	0.42	6.73	3.89	0.51	0.29	ND	ND
2,2-Dimethylbutane	0.20			0.98	0.58	3.37	2.00	2.11	1.25	0.72	0.43
Cyclopentene	0.20			0.18	U 0.10	1.00	0.56	0.19	U 0.11	ND	ND
4-Methyl-1-pentene	0.20			ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20			0.99	0.57	12.34	7.14	2.90	1.68	0.55	0.32
2,3-Dimethylbutane	0.20			1.30	0.77	3.53	2.09	2.10	1.24	0.86	0.51
2-Methylpentane	0.13			4.87	2.88	18.50	10.96	9.00	5.33	1.26	0.74
3-Methylpentane	0.22			6.46	3.83	12.64	7.49	5.98	3.54	1.06	0.63
2-Methyl-1-pentene	0.22			ND	ND	0.82	0.48	ND	ND	ND	ND
1-Hexene	0.32			0.18	U 0.11	0.67	0.40	0.22	U 0.13	0.66	0.39
2-Ethyl-1-butene	0.22			ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21			4.89	2.90	17.42	10.32	6.38	3.78	1.05	0.62
trans-2-Hexene	0.21			ND	ND	0.36	0.21	ND	ND	ND	ND
cis-2-Hexene	0.21			ND	ND	0.50	0.30	ND	ND	ND	ND
Methylcyclopentane	0.21			2.93	1.70	6.90	3.99	3.54	2.05	0.69	0.40
2,4-Dimethylpentane	0.22			0.61	0.31	1.74	0.89	0.57	0.29	0.70	0.36
Benzene	0.18			6.81	3.66	9.93	5.33	4.00	2.15	1.76	0.94
Cyclohexane	0.16			9.30	5.38	5.12	2.97	7.15	4.14	1.10	0.63
2-Methylhexane	0.21			4.51	2.67	3.99	2.36	10.98	6.49	0.74	0.44
2,3-Dimethylpentane	0.28			2.22	1.31	3.49	2.06	5.68	3.35	0.90	0.53
3-Methylhexane	0.17			4.96	2.93	4.25	2.51	22.67	13.39	0.61	0.36
1-Heptene	0.17			0.72	0.41	ND	ND	1.28	0.74	ND	ND
2,2,4-Trimethylpentane	0.19			0.89	0.52	4.73	2.79	1.97	1.16	0.82	0.48
n-Heptane	0.23			4.85	2.86	3.47	2.05	23.49	13.87	0.53	0.31
Methylcyclohexane	0.25			1.50	0.87	1.82	1.05	3.70	2.14	0.56	0.32
2,2,3-Trimethylpentane	0.25			0.56	0.33	0.81	0.48	0.54	0.32	ND	ND
2,3,4-Trimethylpentane	0.20			0.40	0.24	1.42	0.83	0.69	0.40	0.35	0.20
Toluene	0.20			69.42	37.70	38.68	21.00	55.22	# 29.99	2.22	1.20
2-Methylheptane	0.17			1.07	0.63	1.22	0.72	0.80	0.47	0.43	0.25
3-Methylheptane	0.20			1.28	0.75	1.24	0.73	0.95	0.56	0.35	0.20
1-Octene	0.20			ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21			1.63	0.96	1.55	0.92	1.37	0.81	0.50	0.29
Ethylbenzene	0.21			3.96	2.38	4.06	2.43	20.01	12.00	0.54	0.32
m-Xylene/p-Xylene	0.16			9.83	5.38	13.50	7.39	39.26	21.49	1.38	0.76
Styrene	0.20			0.50	0.27	1.87	1.00	16.67	8.95	0.36	0.19
o-Xylene	0.19			4.87	2.67	5.83	3.19	16.23	8.89	0.67	0.37
1-Nonene	0.19			0.34	0.20	0.20	U 0.12	0.22	0.13	ND	ND
n-Nonane	0.11			1.22	0.71	0.85	0.50	2.70	1.59	0.43	0.26
Isopropylbenzene	0.18			0.22	0.12	0.23	0.13	0.95	0.52	0.46	0.25
a-Pinene	0.18			0.66	0.37	0.52	0.29	1.39	0.78	0.62	0.35
n-Propylbenzene	0.21			0.36	0.20	0.72	0.40	0.62	0.34	0.41	0.23
m-Ethyltoluene	0.15			2.20	1.21	2.35	1.30	2.01	1.11	0.48	0.26
p-Ethyltoluene	0.19			0.81	0.44	1.28	0.71	1.32	0.73	0.55	0.30
1,3,5-Trimethylbenzene	0.18			0.38	0.21	1.58	0.87	0.66	0.36	0.42	0.23
o-Ethyltoluene	0.22			1.12	0.62	1.10	0.60	1.11	0.61	0.55	0.30
b-Pinene	0.22			ND	ND	ND	ND	0.28	0.16	ND	ND
1,2,4-Trimethylbenzene	0.21			2.18	1.20	3.63	2.00	0.55	0.32	0.83	0.46
1-Decene	0.21			ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25			5.57	3.27	2.35	1.38	6.76	3.97	0.48	0.28
1,2,3-Trimethylbenzene	0.19			0.49	0.27	0.70	0.38	0.61	0.33	0.33	0.18
m-Diethylbenzene	0.20			0.48	0.26	0.23	0.13	0.96	0.53	0.51	0.28
p-Diethylbenzene	0.22			0.83	0.46	0.24	0.13	0.38	0.21	0.31	0.17
1-Undecene	0.22			ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24			2.12	1.24	1.81	1.06	4.05	2.37	0.44	0.26
1-Dodecene	0.24			ND	ND	0.23	U 0.13	0.27	U 0.16	0.29	U 0.16
n-Dodecane	0.49			0.33	U 0.19	0.92	0.54	1.76	1.03	0.45	U 0.27
1-Tridecene	0.49			ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49			ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)				255.15	145.89	798.13	469.78	1052.12	618.26	85.83	50.50
TNMOC, ppbC (w/ unknowns)				336.32	336.32	912.46	912.46	1171.45	1171.45	104.95	104.95

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 32185 D1		CUSD 32185 R1		CUSD 32187 D2		CUSD 32187 R2		CUSD 32248	
Sampling Date:		2/26/2003		2/26/2003		2/26/2003		2/26/2003		3/4/2003	
Analysis Date:		3/26/2003		3/27/2003		3/26/2003		3/27/2003		3/27/2003	
Filename:		N3CY016		N3CZ013		N3CY017		N3CZ014		N3CZ019	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	7.23	4.18	7.30	4.22	7.42	4.29	7.58	4.38	3.22	1.86
Acetylene	0.11	5.30	2.85	5.32	2.86	5.46	2.93	5.46	2.93	3.30	1.77
Ethane	0.17	8.36	5.19	8.33	5.17	8.40	5.21	8.38	5.20	8.13	5.04
Propylene	0.11	2.85	1.65	2.98	1.73	2.83	1.64	2.80	1.62	1.22	0.71
Propane	0.19	51.36	31.15	51.46	31.21	52.45	31.81	52.27	31.70	26.70	16.19
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.32	1.39	2.29	1.37	2.34	1.40	2.34	1.40	4.42	2.65
Isobutene/1-Butene	0.17	1.89	1.09	1.98	1.14	1.86	1.07	1.80	1.04	1.58	0.91
1,3-Butadiene	0.17	0.41	0.23	0.39	0.22	0.40	0.22	0.42	0.23	ND	ND
n-Butane	0.17	3.95	2.37	4.04	2.42	3.98	2.38	4.01	2.40	7.29	4.37
trans-2-Butene	0.17	0.42	0.24	0.38	0.22	0.39	0.23	0.41	0.23	0.59	0.34
cis-2-Butene	0.16	0.33	0.19	0.39	0.23	0.31	0.18	0.30	0.17	0.51	0.29
3-Methyl-1-butene	0.16	0.12	U 0.07	0.14	U 0.08	ND	ND	0.16	U 0.09	0.15	U 0.09
Isopentane	0.19	3.57	2.12	3.63	2.16	3.75	2.23	3.80	2.26	8.50	5.06
1-Pentene	0.20	0.26	0.15	ND	ND	2.51	1.45	ND	ND	6.63	3.83
2-Methyl-1-butene	0.20	0.36	0.21	0.29	0.17	0.37	0.22	0.38	0.22	0.61	0.35
n-Pentane	0.19	2.36	1.40	2.31	1.37	2.37	1.41	2.39	1.42	5.50	3.28
Isoprene	0.20	0.34	0.19	0.36	0.20	0.36	0.20	0.36	0.20	0.28	0.16
trans-2-Pentene	0.21	0.36	0.21	0.39	0.23	0.35	0.21	0.39	0.23	0.72	0.43
cis-2-Pentene	0.22	0.30	0.18	0.27	0.16	0.28	0.16	0.25	0.15	0.50	0.30
2-Methyl-2-butene	0.22	0.36	0.21	0.36	0.21	0.35	0.20	0.38	0.22	0.79	0.46
2,2-Dimethylbutane	0.20	0.34	0.20	0.35	0.21	0.39	0.23	0.31	0.19	0.42	0.25
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.51	0.30	0.36	0.21	0.43	0.25	0.37	0.21	0.61	0.35
2,3-Dimethylbutane	0.20	0.56	0.33	0.52	0.31	0.59	0.35	0.48	0.29	0.70	0.42
2-Methylpentane	0.13	1.57	0.93	1.49	0.88	1.59	0.94	1.46	0.87	2.28	1.35
3-Methylpentane	0.22	1.10	0.65	2.13	1.26	1.15	0.68	1.08	0.64	1.44	0.85
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.57	0.34	0.83	0.49	1.17	0.69	1.23	0.73	0.38	0.23
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.44	0.85	1.31	0.78	1.52	0.90	1.42	0.84	2.11	1.25
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	0.15	U 0.09
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	0.13	U 0.08
Methylcyclopentane	0.21	0.67	0.39	0.80	0.46	0.68	0.39	0.70	0.40	1.08	0.62
2,4-Dimethylpentane	0.22	0.44	0.22	0.49	0.25	0.49	0.25	0.47	0.24	0.48	0.25
Benzene	0.18	4.25	2.28	4.12	2.21	4.39	2.36	4.42	2.37	3.28	1.76
Cyclohexane	0.16	0.37	0.21	0.33	0.19	0.36	0.21	0.35	0.20	3.55	2.05
2-Methylhexane	0.21	1.48	0.87	1.55	0.92	1.35	0.80	1.61	0.95	0.63	0.37
2,3-Dimethylpentane	0.28	1.21	0.71	1.05	0.62	1.13	0.67	1.60	0.94	0.80	0.47
3-Methylhexane	0.17	2.32	1.37	2.25	1.33	5.50	3.25	6.12	3.62	0.91	0.54
1-Heptene	0.17	0.40	0.23	0.38	0.22	0.27	U 0.16	0.28	U 0.16	0.22	U 0.13
2,2,4-Trimethylpentane	0.19	1.50	0.88	1.55	0.91	1.27	0.75	1.28	0.76	0.92	0.54
n-Heptane	0.23	0.67	0.40	0.72	0.43	0.84	0.49	0.75	0.44	0.95	0.56
Methylcyclohexane	0.25	0.38	0.22	0.36	0.21	0.33	0.19	0.37	0.22	0.55	0.32
2,2,3-Trimethylpentane	0.25	0.19	U 0.11	0.14	U 0.08	ND	ND	0.13	U 0.08	ND	ND
2,3,4-Trimethylpentane	0.20	0.46	0.27	0.49	0.29	0.44	0.26	0.36	0.21	0.35	0.21
Toluene	0.20	5.38	2.92	5.48	2.98	5.35	2.90	5.45	2.96	22.64	12.29
2-Methylheptane	0.17	0.32	0.19	0.34	0.20	0.27	0.16	0.34	0.20	0.47	0.28
3-Methylheptane	0.20	0.38	0.22	0.34	0.20	0.41	0.24	0.80	0.47	0.45	0.26
1-Octene	0.20	0.32	0.19	0.35	0.20	0.22	0.12	0.24	0.14	0.21	0.12
n-Octane	0.21	0.43	0.25	0.38	0.22	0.47	0.28	0.37	0.22	0.69	0.40
Ethylbenzene	0.21	0.77	0.46	0.83	0.49	0.81	0.49	0.95	0.57	1.56	0.93
m-Xylene/p-Xylene	0.16	2.66	1.45	2.76	1.51	2.75	1.51	2.68	1.47	5.11	2.80
Styrene	0.20	0.22	0.12	0.26	0.14	0.35	0.19	0.30	0.16	0.31	0.16
o-Xylene	0.19	0.94	0.52	0.92	0.50	1.85	1.01	3.13	1.71	2.62	1.43
1-Nonene	0.19	0.26	0.15	0.24	0.14	0.12	U 0.07	ND	ND	ND	ND
n-Nonane	0.11	0.26	0.15	0.22	0.13	0.25	0.14	0.23	0.14	0.45	0.26
Isopropylbenzene	0.18	0.14	U 0.07	ND	ND	0.15	U 0.08	ND	ND	0.14	U 0.07
a-Pinene	0.18	0.13	U 0.07	0.13	U 0.08	0.27	0.15	ND	ND	ND	ND
n-Propylbenzene	0.21	0.25	0.14	0.31	0.17	0.57	0.31	0.28	0.16	0.36	0.20
m-Ethyltoluene	0.15	0.53	0.29	0.52	0.29	0.54	0.30	0.54	0.30	0.97	0.54
p-Ethyltoluene	0.19	0.34	0.18	0.28	0.15	0.29	0.16	0.29	0.16	0.36	0.20
1,3,5-Trimethylbenzene	0.18	0.43	0.24	0.29	0.16	0.29	0.16	0.32	0.18	0.38	0.21
o-Ethyltoluene	0.22	0.31	0.17	0.32	0.18	0.33	0.18	0.28	0.16	0.39	0.22
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.83	0.46	0.78	0.43	1.41	0.78	1.65	0.91	0.69	0.38
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.32	0.19	0.27	0.16	0.61	0.36	0.28	0.16	1.00	0.59
1,2,3-Trimethylbenzene	0.19	0.17	U 0.10	0.21	U 0.12	0.18	U 0.10	0.22	U 0.12	0.16	U 0.09
m-Diethylbenzene	0.20	0.18	U 0.10	0.15	U 0.08	0.15	U 0.08	0.14	U 0.08	0.15	U 0.08
p-Diethylbenzene	0.22	0.11	U 0.06	ND	ND	ND	ND	ND	ND	0.15	U 0.08
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.27	0.16	0.28	0.16	0.29	0.17	0.30	0.18	0.53	0.31
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.24	U 0.14	0.19	U 0.11	0.28	U 0.16	0.26	U 0.15	0.26	U 0.15
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		129.02	76.03	129.66	76.42	138.25	81.38	137.74	81.06	142.64	82.86
TNMOC, ppbC (w/ unknowns)		169.80	169.80	171.05	171.05	195.62	195.62	198.04	198.04	171.22	171.22

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 32277		CUSD 32397		CUSD 32476		CUSD 32503 D1		CUSD 32503 R1	
Sampling Date:		3/10/2003		3/16/2003		3/22/2003		3/28/2003		3/28/2003	
Analysis Date:		3/31/2003		3/31/2003		4/1/2003		4/11/2003		4/14/2003	
Filename:		L3C%010		L3C%014		L3C%018		L3DK006		L3DN004	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	4.29	2.48	3.78	2.19	2.62	1.52	1.02	0.59	1.01	0.58
Acetylene	0.11	3.32	1.78	2.73	1.47	2.29	1.23	1.51	0.81	1.37	0.73
Ethane	0.17	5.89	3.65	5.95	3.69	7.77	4.82	5.52	3.43	5.38	3.34
Propylene	0.11	2.01	1.16	1.74	1.01	1.25	0.73	0.59	0.34	0.56	0.33
Propane	0.19	39.71	24.08	39.75	24.11	32.98	20.00	10.44	6.33	10.06	6.10
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.64	1.58	2.40	1.44	2.29	1.37	7.95	4.77	7.47	4.48
Isobutene/1-Butene	0.17	1.85	1.07	1.57	0.91	1.42	0.82	0.69	0.40	0.69	0.40
1,3-Butadiene	0.17	0.32	0.18	0.28	0.16	0.20	0.11	ND	ND	ND	ND
n-Butane	0.17	4.39	2.63	3.73	2.24	3.70	2.22	2.19	1.31	2.16	1.29
trans-2-Butene	0.17	0.71	0.41	0.57	0.33	0.47	0.27	0.37	0.21	0.29	0.17
cis-2-Butene	0.16	0.75	0.44	0.71	0.41	0.64	0.37	0.52	0.30	0.44	0.26
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	4.89	2.91	3.98	2.37	3.36	2.00	4.19	2.49	4.00	2.38
1-Pentene	0.20	2.06	1.19	3.37	1.95	3.37	1.95	1.07	0.62	1.03	0.59
2-Methyl-1-butene	0.20	0.41	0.24	0.28	0.16	0.20	0.12	ND	ND	ND	ND
n-Pentane	0.19	2.88	1.72	2.36	1.41	2.00	1.19	5.02	2.99	4.80	2.86
Isoprene	0.20	0.79	0.44	0.80	0.45	0.76	0.43	0.67	0.38	0.70	0.39
trans-2-Pentene	0.21	0.70	0.42	0.63	0.37	0.52	0.31	0.39	0.23	0.35	0.21
cis-2-Pentene	0.22	0.67	0.40	0.62	0.37	0.58	0.34	0.47	0.28	0.42	0.25
2-Methyl-2-butene	0.22	0.41	0.24	0.28	0.16	0.17	0.10	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.68	0.40	0.70	0.42	0.66	0.39	0.64	0.38	0.54	0.32
Cyclopentene	0.20	0.21	0.12	0.74	0.42	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.67	0.39	0.64	0.37	0.56	0.32	0.56	0.33	0.48	0.28
2,3-Dimethylbutane	0.20	1.03	0.61	1.03	0.61	0.87	0.52	0.77	0.46	0.65	0.39
2-Methylpentane	0.13	1.97	1.17	1.46	0.86	1.09	0.64	0.52	0.31	0.46	0.27
3-Methylpentane	0.22	1.65	0.98	1.33	0.79	0.91	0.54	0.69	0.41	0.68	0.40
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	1.00	0.59	0.95	0.56	0.92	0.55	0.83	0.49	0.68	0.40
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.75	1.04	1.36	0.80	1.11	0.66	0.70	0.42	0.58	0.34
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.99	0.58	0.83	0.48	0.70	0.40	0.48	0.28	0.45	0.26
2,4-Dimethylpentane	0.22	0.85	0.43	0.82	0.42	0.75	0.38	0.59	0.30	0.48	0.25
Benzene	0.18	3.29	1.76	2.53	1.36	1.93	1.04	1.38	0.74	1.17	0.63
Cyclohexane	0.16	0.79	0.46	0.74	0.43	0.76	0.44	0.81	0.47	0.72	0.42
2-Methylhexane	0.21	1.38	0.81	1.20	0.71	0.63	0.37	0.83	0.49	0.70	0.41
2,3-Dimethylpentane	0.28	1.42	0.84	1.46	0.86	1.16	0.69	0.91	0.54	0.91	0.54
3-Methylhexane	0.17	1.11	0.65	0.76	0.45	0.88	0.52	0.41	0.24	0.34	0.20
1-Heptene	0.17	0.21	0.12	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.31	0.77	1.52	0.89	1.33	0.79	0.65	0.38	0.46	0.27
n-Heptane	0.23	0.97	0.57	0.79	0.47	0.61	0.36	0.47	0.28	0.35	0.21
Methylcyclohexane	0.25	0.60	0.35	0.56	0.32	0.57	0.33	0.48	0.28	0.42	0.24
2,2,3-Trimethylpentane	0.25	0.17	0.10	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.62	0.36	0.64	0.38	0.48	0.28	0.37	0.22	0.35	0.21
Toluene	0.20	4.27	2.32	3.30	1.79	2.15	1.17	1.77	0.96	1.63	0.88
2-Methylheptane	0.17	0.57	0.33	0.58	0.34	0.44	0.26	0.37	0.22	0.30	0.18
3-Methylheptane	0.20	0.63	0.37	0.52	0.30	0.46	0.27	0.37	0.22	0.28	0.17
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.57	0.33	0.77	0.46	0.46	0.27	0.41	0.24	0.30	0.18
Ethylbenzene	0.21	0.70	0.42	0.62	0.37	0.43	0.26	0.49	0.29	0.48	0.28
m-Xylene/p-Xylene	0.16	2.08	1.14	1.54	0.84	1.05	0.57	0.97	0.53	0.90	0.49
Styrene	0.20	0.38	0.20	0.50	0.27	0.46	0.25	0.31	0.17	0.21	0.11
o-Xylene	0.19	0.85	0.46	0.63	0.35	0.45	0.24	0.37	0.20	0.36	0.20
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.42	0.25	0.38	0.23	0.30	0.18	0.31	0.18	0.28	0.16
Isopropylbenzene	0.18	0.23	0.13	0.25	0.14	0.28	0.15	0.29	0.16	0.21	0.11
a-Pinene	0.18	0.30	0.17	0.61	0.34	0.38	0.21	ND	ND	ND	ND
n-Propylbenzene	0.21	0.28	0.15	0.30	0.17	0.20	0.11	0.18	0.10	0.18	0.10
m-Ethyltoluene	0.15	0.43	0.24	0.44	0.24	0.31	0.17	0.18	0.10	0.18	0.10
p-Ethyltoluene	0.19	0.40	0.22	0.33	0.18	0.33	0.18	0.29	0.16	0.21	0.12
1,3,5-Trimethylbenzene	0.18	0.34	0.19	0.28	0.15	0.28	0.15	0.24	0.13	0.18	0.10
o-Ethyltoluene	0.22	0.43	0.24	0.36	0.20	0.33	0.18	0.31	0.17	0.28	0.15
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.69	0.38	0.55	0.30	0.43	0.24	0.38	0.21	0.43	0.23
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.35	0.20	0.41	0.24	0.34	0.20	0.31	0.18	0.32	0.19
1,2,3-Trimethylbenzene	0.19	0.14	0.08	0.57	0.31	ND	ND	0.15	0.08	0.15	0.08
m-Diethylbenzene	0.20	0.23	0.13	0.25	0.14	0.22	0.12	0.24	0.13	0.20	0.11
p-Diethylbenzene	0.22	ND	ND	0.15	0.09	ND	ND	0.12	0.07	0.16	0.09
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.33	0.19	0.30	0.18	0.31	0.18	0.24	0.14	0.29	0.17
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.43	0.25	0.37	0.22	0.38	0.22	0.37	0.22	0.29	0.17
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		116.40	68.53	109.60	64.62	92.48	54.70	63.38	37.35	58.94	34.77
TNMOC, ppbC (w/ unknowns)		138.89	138.89	421.35	421.35	120.73	120.73	86.17	86.17	73.94	73.94

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 32505 D2		CUSD 32505 R2		CUSD 32634		CUSD 32726		CUSD 32764	
Sampling Date:		3/28/2003		3/28/2003		4/3/2003		4/9/2003		4/15/2003	
Analysis Date:		4/11/2003		4/14/2003		4/23/2003		4/24/2003		5/1/2003	
Filename:		L3DK007		L3DN005		L3DV021		L3DX007		L3EA008	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.24	0.72	1.14	0.66	1.63	0.94	1.96	1.14	1.81	1.05
Acetylene	0.11	1.73	0.93	1.61	0.86	1.62	0.87	1.61	0.87	1.64	0.88
Ethane	0.17	5.82	3.61	5.57	3.45	5.89	3.66	6.09	3.77	5.28	3.28
Propylene	0.11	0.68	0.40	0.64	0.37	0.83	0.48	1.20	0.69	0.96	0.55
Propane	0.19	10.58	6.42	10.24	6.21	20.18	12.24	26.75	16.22	20.77	12.60
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	51.02	30.58	50.04	29.99	1.29	0.77	1.68	1.01	1.30	0.78
Isobutene/1-Butene	0.17	0.83	0.48	0.69	0.40	0.92	0.53	1.19	0.69	1.32	0.76
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	4.31	2.59	4.14	2.48	2.20	1.32	2.89	1.73	2.19	1.31
trans-2-Butene	0.17	0.38	0.22	0.32	0.18	0.29	0.17	0.46	0.27	0.38	0.22
cis-2-Butene	0.16	0.54	0.31	0.47	0.27	0.47	0.27	0.66	0.38	0.51	0.29
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	25.00	14.88	23.03	13.71	2.58	1.53	3.52	2.09	2.29	1.36
1-Pentene	0.20	2.23	1.29	2.10	1.22	2.51	1.45	1.98	1.15	ND	ND
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	0.18	0.10	0.18	0.10
n-Pentane	0.19	31.84	18.96	30.63	18.23	1.23	0.73	2.02	1.20	1.51	0.90
Isoprene	0.20	0.90	0.50	0.95	0.54	0.50	0.28	0.66	0.37	0.70	0.39
trans-2-Pentene	0.21	0.46	0.27	0.44	0.26	0.34	0.20	0.54	0.32	0.48	0.28
cis-2-Pentene	0.22	0.55	0.33	0.45	0.27	0.39	0.23	0.62	0.37	0.50	0.30
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.68	0.40	0.62	0.37	0.52	0.31	0.75	0.44	0.57	0.34
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.70	0.41	0.65	0.38	0.46	0.27	0.61	0.35	0.50	0.29
2,3-Dimethylbutane	0.20	0.84	0.50	0.78	0.46	0.61	0.36	0.95	0.56	0.77	0.46
2-Methylpentane	0.13	0.72	0.43	0.69	0.41	0.64	0.38	1.06	0.63	0.84	0.50
3-Methylpentane	0.22	0.95	0.56	0.87	0.51	1.27	0.75	1.39	0.82	0.83	0.49
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.86	0.51	0.84	0.50	0.75	0.44	1.10	0.65	0.80	0.48
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.94	0.56	0.88	0.52	0.73	0.43	1.16	0.69	0.87	0.51
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.63	0.36	0.58	0.33	0.48	0.27	0.76	0.44	0.59	0.34
2,4-Dimethylpentane	0.22	0.60	0.30	0.61	0.31	0.54	0.27	0.82	0.41	0.63	0.32
Benzene	0.18	1.40	0.75	1.55	0.83	1.44	0.77	1.66	0.89	1.55	0.83
Cyclohexane	0.16	2.03	1.18	1.97	1.14	0.62	0.36	0.82	0.48	0.64	0.37
2-Methylhexane	0.21	0.86	0.50	0.85	0.50	1.13	0.67	1.58	0.93	0.90	0.53
2,3-Dimethylpentane	0.28	1.02	0.60	0.92	0.54	1.07	0.63	1.50	0.89	1.10	0.65
3-Methylhexane	0.17	0.51	0.30	0.48	0.28	0.34	0.20	0.66	0.39	0.48	0.28
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.82	0.48	0.72	0.42	0.64	0.38	1.05	0.62	0.83	0.49
n-Heptane	0.23	0.54	0.32	0.51	0.30	0.42	0.25	0.63	0.37	0.59	0.35
Methylcyclohexane	0.25	0.47	0.27	0.48	0.27	0.42	0.24	0.61	0.35	0.45	0.26
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.39	0.23	0.40	0.24	0.40	0.23	0.57	0.34	0.50	0.30
Toluene	0.20	4.84	2.63	5.30	2.88	1.45	0.79	2.56	1.39	2.40	1.30
2-Methylheptane	0.17	0.38	0.22	0.45	0.27	0.37	0.22	0.46	0.27	0.37	0.22
3-Methylheptane	0.20	0.41	0.24	0.39	0.23	0.31	0.18	0.53	0.31	0.31	0.18
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.42	0.25	0.53	0.31	0.33	0.19	0.46	0.27	0.39	0.23
Ethylbenzene	0.21	0.82	0.49	0.94	0.56	0.43	0.26	0.56	0.34	0.56	0.33
m-Xylene/p-Xylene	0.16	1.36	0.74	1.64	0.90	0.96	0.53	1.26	0.69	1.31	0.72
Styrene	0.20	0.45	0.24	0.52	0.28	0.21	0.11	0.38	0.20	0.45	0.24
o-Xylene	0.19	0.56	0.31	0.72	0.39	0.31	0.17	0.55	0.30	0.56	0.30
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.43	0.25	0.56	0.33	0.22	0.13	0.32	0.19	0.21	0.12
Isopropylbenzene	0.18	0.25	0.13	0.26	0.14	0.18	0.10	0.23	0.13	0.20	0.11
a-Pinene	0.18	ND	ND	0.18	0.10	ND	ND	0.41	0.23	ND	ND
n-Propylbenzene	0.21	0.28	0.15	0.25	0.13	0.18	0.10	0.23	0.13	0.22	0.12
m-Ethyltoluene	0.15	0.33	0.18	0.41	0.22	0.17	0.09	0.34	0.19	0.34	0.19
p-Ethyltoluene	0.19	0.32	0.18	0.36	0.20	0.23	0.13	0.30	0.16	0.29	0.16
1,3,5-Trimethylbenzene	0.18	0.28	0.15	0.38	0.21	0.17	0.09	0.30	0.16	0.22	0.12
o-Ethyltoluene	0.22	0.31	0.17	0.38	0.21	0.18	0.10	0.40	0.22	0.33	0.18
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.43	0.24	0.58	0.32	0.27	0.15	0.43	0.24	0.44	0.24
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.76	0.44	2.81	1.65	0.25	0.15	0.35	0.21	0.25	0.15
1,2,3-Trimethylbenzene	0.19	0.18	0.10	0.21	0.12	ND	ND	0.17	0.09	0.16	0.09
m-Diethylbenzene	0.20	0.23	0.13	0.27	0.15	0.18	0.10	0.26	0.14	0.22	0.12
p-Diethylbenzene	0.22	0.16	0.09	0.19	0.11	ND	ND	0.18	0.10	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.46	0.27	0.57	0.33	ND	ND	0.27	0.16	0.27	0.16
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.49	0.29	0.48	0.28	0.41	0.24	0.40	0.23	0.31	0.18
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		167.17	99.03	165.21	97.76	62.14	36.73	82.99	48.97	65.05	38.32
TNMOC, ppbC (w/ unknowns)		182.92	182.92	180.27	180.27	91.76	91.76	110.77	110.77	93.08	93.08

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 32827		CUSD 32949		CUSD 33178		CUSD 33214		CUSD 33243 D1	
Sampling Date:		4/21/2003		4/27/2003		5/3/2003		5/9/2003		5/15/2003	
Analysis Date:		5/2/2003		5/22/2003		5/22/2003		5/31/2003		6/11/2003	
Filename:		L3EA017		L3EU019		L3EV007		L3ES018		L3FK007	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.35	0.78	1.20	0.69	2.68	1.55	1.65	0.95	0.88	0.51
Acetylene	0.11	1.51	0.81	1.18	0.63	1.69	0.91	1.55	0.83	0.88	0.47
Ethane	0.17	5.38	3.34	4.56	2.83	5.76	3.57	5.39	3.34	4.34	2.69
Propylene	0.11	0.76	0.44	0.71	0.41	1.50	0.87	0.78	0.45	0.51	0.29
Propane	0.19	13.93	8.45	11.24	6.82	24.61	14.92	11.34	6.88	4.11	2.49
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.00	0.60	0.80	0.48	1.41	0.84	4.62	2.77	1.39	0.83
Isobutene/1-Butene	0.17	1.24	0.72	0.96	0.55	1.25	0.72	1.43	0.83	0.85	0.49
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.86	1.12	1.56	0.94	2.29	1.37	1.97	1.18	1.28	0.77
trans-2-Butene	0.17	0.35	0.20	0.25	0.15	0.42	0.24	0.33	0.19	0.35	0.20
cis-2-Butene	0.16	0.52	0.30	0.42	0.24	0.48	0.28	0.49	0.28	0.49	0.28
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	1.96	1.17	1.94	1.16	3.85	2.29	3.96	2.36	0.83	0.49
1-Pentene	0.20	2.01	1.16	1.62	0.94	1.43	0.83	1.46	0.85	26.12	15.12
2-Methyl-1-butene	0.20	ND	ND	ND	ND	0.23	0.13	ND	ND	ND	ND
n-Pentane	0.19	1.19	0.71	1.06	0.63	1.55	0.93	2.50	1.49	1.09	0.65
Isoprene	0.20	0.66	0.37	1.19	0.67	0.67	0.38	0.58	0.32	6.48	3.64
trans-2-Pentene	0.21	0.41	0.24	0.34	0.20	0.50	0.30	0.38	0.22	0.51	0.31
cis-2-Pentene	0.22	0.43	0.26	0.42	0.25	0.54	0.32	0.47	0.28	0.52	0.31
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.57	0.34	0.49	0.29	0.65	0.38	0.61	0.36	0.59	0.35
Cyclopentene	0.20	ND	ND	ND	ND	0.23	0.13	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	0.45	0.26	ND	ND	ND	ND
Cyclopentane	0.20	0.51	0.30	0.49	0.29	0.61	0.35	0.54	0.31	0.51	0.29
2,3-Dimethylbutane	0.20	0.70	0.42	0.64	0.38	0.83	0.49	0.83	0.49	0.75	0.44
2-Methylpentane	0.13	0.71	0.42	0.62	0.37	0.91	0.54	0.84	0.50	0.53	0.31
3-Methylpentane	0.22	0.86	0.51	0.50	0.29	1.18	0.70	0.91	0.54	0.64	0.38
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.86	0.51	0.70	0.42	1.08	0.64	0.82	0.48	0.81	0.48
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.84	0.50	1.82	1.08	0.97	0.57	0.91	0.54	0.66	0.39
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.52	0.30	0.57	0.33	0.66	0.38	0.66	0.38	0.48	0.27
2,4-Dimethylpentane	0.22	0.64	0.32	0.53	0.27	0.73	0.37	0.59	0.30	0.61	0.31
Benzene	0.18	1.42	0.76	1.33	0.71	1.49	0.80	1.31	0.70	0.83	0.45
Cyclohexane	0.16	0.74	0.43	0.76	0.44	0.77	0.44	0.64	0.37	1.02	0.59
2-Methylhexane	0.21	0.88	0.52	0.52	0.31	0.47	0.28	0.56	0.33	0.83	0.49
2,3-Dimethylpentane	0.28	0.99	0.58	0.86	0.50	0.95	0.56	0.83	0.49	1.02	0.60
3-Methylhexane	0.17	0.46	0.27	0.42	0.25	1.52	0.90	0.49	0.29	0.47	0.28
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.74	0.44	0.73	0.43	1.21	0.71	0.88	0.52	3.31	1.95
n-Heptane	0.23	0.49	0.29	0.52	0.31	0.58	0.34	0.59	0.35	0.58	0.34
Methylcyclohexane	0.25	0.47	0.27	0.52	0.30	0.54	0.31	0.49	0.28	0.52	0.30
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.41	0.24	0.43	0.25	0.51	0.30	0.49	0.29	1.10	0.65
Toluene	0.20	1.74	0.94	2.78	1.51	2.49	1.35	4.09	2.22	2.56	1.39
2-Methylheptane	0.17	0.35	0.21	0.34	0.20	0.45	0.27	0.37	0.22	0.26	0.15
3-Methylheptane	0.20	0.41	0.24	0.54	0.32	0.41	0.24	0.48	0.28	0.37	0.22
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.42	0.25	0.41	0.24	0.43	0.25	0.47	0.28	0.64	0.38
Ethylbenzene	0.21	0.50	0.30	0.54	0.32	0.56	0.33	0.62	0.37	0.54	0.32
m-Xylene/p-Xylene	0.16	1.06	0.58	1.30	0.71	1.37	0.75	1.50	0.82	1.38	0.75
Styrene	0.20	0.42	0.22	0.34	0.18	0.37	0.20	0.42	0.23	3.46	1.86
o-Xylene	0.19	0.45	0.25	0.50	0.27	0.60	0.33	0.56	0.31	0.56	0.31
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	0.19	U 0.11
n-Nonane	0.11	0.21	0.12	0.22	0.13	0.24	0.14	0.31	0.18	0.29	0.17
Isopropylbenzene	0.18	0.23	0.13	0.22	0.12	0.28	0.15	0.23	0.13	0.22	0.12
a-Pinene	0.18	ND	ND	ND	ND	0.54	0.30	0.38	0.21	2.55	1.43
n-Propylbenzene	0.21	0.22	0.12	0.18	U 0.10	0.37	0.20	0.24	0.13	0.30	0.16
m-Ethyltoluene	0.15	0.21	0.11	0.28	0.15	0.41	0.22	0.45	0.25	0.66	0.36
p-Ethyltoluene	0.19	0.27	0.15	0.30	0.17	0.31	0.17	0.38	0.21	0.28	0.16
1,3,5-Trimethylbenzene	0.18	0.23	0.13	0.28	0.15	0.29	0.16	0.27	0.15	0.23	0.13
o-Ethyltoluene	0.22	0.35	0.19	0.29	0.16	0.29	0.16	0.35	0.19	0.35	0.19
b-Pinene	0.22	ND	ND	ND	ND	0.32	0.18	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.37	0.20	0.41	0.22	0.49	0.27	0.50	0.27	0.54	0.29
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.23	U 0.14	0.92	0.54	1.42	0.83	1.19	0.70	3.02	1.77
1,2,3-Trimethylbenzene	0.19	0.18	U 0.10	0.18	U 0.10	0.16	U 0.09	0.17	U 0.09	0.19	0.11
m-Diethylbenzene	0.20	0.19	U 0.11	0.23	0.13	0.30	0.16	0.28	0.15	0.22	0.12
p-Diethylbenzene	0.22	0.16	U 0.09	0.15	U 0.09	0.17	U 0.10	0.22	0.12	0.16	U 0.09
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.22	U 0.13	0.28	0.17	0.26	0.15	1.06	0.62	7.47	4.38
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	0.15	U 0.09	0.25	U 0.15
n-Dodecane	0.49	0.30	U 0.18	0.30	U 0.18	0.27	U 0.16	0.30	U 0.17	4.71	2.76
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		56.06	32.95	52.86	30.95	79.93	47.08	66.84	39.15	97.26	56.31
TNMOC, ppbC (w/ unknowns)		75.14	75.14	76.49	76.49	134.66	134.66	87.23	87.23	1105.68	1105.68

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 33243 R1		CUSD 33245 D2		CUSD 33245 R2		CUSD 33349		CUSD 33408	
Sampling Date:		5/15/2003		5/15/2003		5/15/2003		5/21/2003		5/27/2003	
Analysis Date:		6/12/2003		6/11/2003		6/13/2003		6/17/2003		6/18/2003	
Filename:		L3FL007		L3FK008		L3FL008		L3FQ008		L3FQ024	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	0.89	0.52	1.03	0.60	1.07	0.62	1.94	1.12	1.58	0.91
Acetylene	0.11	0.92	0.49	0.95	0.51	0.96	0.52	1.21	0.65	1.31	0.70
Ethane	0.17	4.34	2.69	4.40	2.73	4.38	2.71	5.40	3.35	6.05	3.75
Propylene	0.11	0.54	0.31	0.61	0.35	0.56	0.32	1.01	0.58	0.94	0.54
Propane	0.19	4.14	2.51	4.99	3.03	5.00	3.03	12.35	7.49	20.69	12.55
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.38	0.82	1.34	0.80	1.41	0.84	1.07	0.64	1.79	1.07
Isobutene/1-Butene	0.17	0.82	0.47	0.75	0.43	0.74	0.43	1.90	1.10	1.03	0.60
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.27	0.76	1.25	0.75	1.25	0.75	1.91	1.14	4.66	2.79
trans-2-Butene	0.17	ND	ND	0.34	0.19	ND	ND	0.34	0.20	0.40	0.23
cis-2-Butene	0.16	0.49	0.28	0.43	0.25	0.49	0.28	0.48	0.27	0.57	0.33
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	1.03	0.61	2.62	1.56	0.99	0.59	2.78	1.65	3.05	1.82
1-Pentene	0.20	26.93	15.59	27.23	15.76	27.27	15.78	1.27	0.73	30.05	17.39
2-Methyl-1-butene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.18	U 0.11
n-Pentane	0.19	1.06	0.63	1.08	0.64	1.07	0.64	1.27	0.76	2.28	1.36
Isoprene	0.20	6.63	3.73	6.35	3.57	6.37	3.58	0.64	0.36	0.74	0.41
trans-2-Pentene	0.21	0.61	0.36	0.51	0.31	0.57	0.34	0.48	0.28	0.70	0.42
cis-2-Pentene	0.22	0.54	0.32	0.50	0.30	0.50	0.30	0.46	0.27	0.57	0.34
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	0.21	U 0.12
2,2-Dimethylbutane	0.20	0.58	0.34	0.57	0.33	0.58	0.34	0.58	0.34	0.63	0.37
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.18	U 0.10
4-Methyl-1-pentene	0.20	ND	ND	0.23	U 0.13	0.19	U 0.11	0.48	0.27	0.22	U 0.13
Cyclopentane	0.20	0.62	0.36	0.50	0.29	0.59	0.34	0.72	0.41	0.62	0.36
2,3-Dimethylbutane	0.20	0.76	0.45	0.74	0.44	0.79	0.47	0.79	0.47	0.93	0.55
2-Methylpentane	0.13	0.53	0.31	0.53	0.32	0.53	0.32	0.69	0.41	1.09	0.65
3-Methylpentane	0.22	0.70	0.41	0.71	0.42	0.68	0.40	2.72	1.61	1.32	0.78
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.84	0.50	0.92	0.55	0.96	0.57	0.89	0.53	1.01	0.60
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.68	0.40	0.67	0.40	0.66	0.39	0.88	0.52	1.12	0.66
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.53	0.31	0.52	0.30	0.53	0.30	0.56	0.32	0.74	0.43
2,4-Dimethylpentane	0.22	0.64	0.32	0.66	0.33	0.63	0.32	0.62	0.32	0.83	0.42
Benzene	0.18	1.00	0.54	0.95	0.51	0.99	0.53	1.14	0.61	1.48	0.79
Cyclohexane	0.16	1.10	0.64	1.00	0.58	1.06	0.62	0.84	0.48	0.86	0.49
2-Methylhexane	0.21	0.87	0.52	0.81	0.48	0.88	0.52	0.83	0.49	1.05	0.62
2,3-Dimethylpentane	0.28	1.02	0.60	0.99	0.58	1.05	0.62	1.05	0.62	1.16	0.68
3-Methylhexane	0.17	0.40	0.24	0.48	0.28	0.46	0.27	ND	ND	0.51	0.30
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.50	2.06	3.46	2.04	3.44	2.02	0.87	0.51	1.27	0.75
n-Heptane	0.23	0.60	0.35	0.67	0.40	0.60	0.36	0.52	0.31	0.68	0.40
Methylcyclohexane	0.25	0.58	0.34	0.50	0.29	0.59	0.34	0.51	0.29	0.58	0.34
2,2,3-Trimethylpentane	0.25	0.38	0.22	ND	ND	0.47	0.27	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	1.20	0.71	1.00	0.59	1.08	0.63	0.43	0.25	0.50	0.29
Toluene	0.20	2.78	1.51	2.61	1.42	2.81	1.52	2.18	1.18	3.05	1.66
2-Methylheptane	0.17	0.41	0.24	0.31	0.18	0.43	0.25	0.89	0.52	0.44	0.26
3-Methylheptane	0.20	0.50	0.30	0.43	0.25	0.48	0.29	0.42	0.25	0.51	0.30
1-Octene	0.20	0.15	U 0.09	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.78	0.46	0.66	0.39	0.72	0.42	0.43	0.25	0.51	0.30
Ethylbenzene	0.21	0.77	0.46	0.60	0.36	0.75	0.45	0.72	0.43	0.80	0.48
m-Xylene/p-Xylene	0.16	1.83	1.00	1.34	0.73	1.70	0.93	1.73	0.95	2.05	1.12
Styrene	0.20	5.20	2.79	3.01	1.61	3.93	2.11	0.34	0.18	1.73	0.93
o-Xylene	0.19	0.73	0.40	0.53	0.29	0.62	0.34	0.52	0.28	0.72	0.40
1-Nonene	0.19	0.24	0.14	0.24	0.14	0.32	0.19	ND	ND	ND	ND
n-Nonane	0.11	0.35	0.21	0.28	0.16	0.38	0.22	0.32	0.19	0.35	0.20
Isopropylbenzene	0.18	0.29	0.16	0.28	0.15	0.36	0.20	0.25	0.14	0.29	0.16
a-Pinene	0.18	2.62	1.47	0.67	0.38	0.70	0.40	ND	ND	0.95	0.53
n-Propylbenzene	0.21	0.40	0.22	0.18	U 0.10	0.26	0.14	0.30	0.16	0.37	0.20
m-Ethyltoluene	0.15	0.73	0.40	1.23	0.68	1.43	0.79	0.29	0.16	0.44	0.24
p-Ethyltoluene	0.19	0.38	0.21	0.22	0.12	0.32	0.18	0.32	0.18	0.39	0.22
1,3,5-Trimethylbenzene	0.18	0.33	0.18	0.23	0.13	0.36	0.20	0.25	0.13	0.33	0.18
o-Ethyltoluene	0.22	0.38	0.21	0.30	0.16	0.34	0.19	0.26	0.14	0.40	0.22
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	0.78	0.44
1,2,4-Trimethylbenzene	0.21	0.57	0.31	0.43	0.24	0.48	0.27	0.42	0.23	0.64	0.35
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	5.79	3.40	3.06	1.80	5.66	3.32	4.65	2.73	0.64	0.37
1,2,3-Trimethylbenzene	0.19	0.22	0.12	0.15	U 0.08	0.16	U 0.09	0.21	0.12	0.23	0.13
m-Diethylbenzene	0.20	0.27	0.15	0.22	0.12	0.24	0.13	0.24	0.13	0.33	0.18
p-Diethylbenzene	0.22	0.16	U 0.09	0.16	U 0.09	ND	ND	0.13	U 0.07	0.22	U 0.12
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	7.68	4.50	6.66	3.91	6.74	3.95	0.34	0.20	1.57	0.92
1-Dodecene	0.24	0.32	U 0.19	ND	ND	0.18	U 0.11	ND	ND	0.59	0.34
n-Dodecane	0.49	4.90	2.87	3.33	1.95	3.40	1.99	0.54	0.32	2.45	1.43
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		106.88	61.80	97.40	56.47	102.13	59.15	65.32	38.34	114.31	66.85
TNMOC, ppbC (w/ unknowns)		1269.53	1269.53	1021.85	1021.85	1132.45	1132.45	159.97	159.97	161.04	161.04

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 33578		CUSD 33604		CUSD 33713		CUSD 33924		CUSD 34003 D1	
Sampling Date:		6/3/2003		6/8/2003		6/14/2003		6/20/2003		6/26/2003	
Analysis Date:		6/24/2003		6/25/2003		6/26/2003		7/1/2003		7/21/2003	
Filename:		L3FX016		L3FX019		L3FZ012		L3FS019		L3GU010	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	0.72	0.41	1.07	0.62	1.33	0.77	1.19	0.69	1.42	0.82
Acetylene	0.11	0.81	0.44	1.09	0.58	1.10	0.59	0.88	0.47	1.28	0.69
Ethane	0.17	3.34	2.07	4.11	2.55	3.52	2.18	6.25	3.88	3.92	2.43
Propylene	0.11	0.49	0.28	0.71	0.41	0.86	0.50	0.89	0.51	0.90	0.52
Propane	0.19	6.28	3.81	16.23	9.84	17.13	10.39	7.88	4.78	18.95	11.49
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.81	0.49	1.00	0.60	1.28	0.77	1.24	0.74	1.50	0.90
Isobutene/1-Butene	0.17	0.79	0.46	1.51	0.87	0.97	0.56	1.24	0.72	0.89	0.51
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.12	0.67	1.50	0.90	1.97	1.18	2.28	1.37	2.07	1.24
trans-2-Butene	0.17	0.33	0.19	0.34	0.20	0.37	0.21	0.38	0.22	0.38	0.22
cis-2-Butene	0.16	0.40	0.23	0.45	0.26	0.49	0.28	0.57	0.33	0.49	0.29
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	1.70	1.01	2.06	1.23	3.16	1.88	1.84	1.10	2.82	1.68
1-Pentene	0.20	1.85	1.07	1.63	0.94	1.12	0.65	1.30	0.75	1.11	0.64
2-Methyl-1-butene	0.20	ND	ND	0.14	0.08	0.18	0.11	ND	ND	0.18	0.10
n-Pentane	0.19	0.84	0.50	1.10	0.66	1.54	0.92	1.26	0.75	1.41	0.84
Isoprene	0.20	0.52	0.29	0.58	0.33	1.02	0.57	0.75	0.42	0.92	0.52
trans-2-Pentene	0.21	0.32	0.19	0.37	0.22	0.46	0.27	0.36	0.21	0.43	0.26
cis-2-Pentene	0.22	0.46	0.27	0.45	0.27	0.54	0.32	0.49	0.29	0.50	0.30
2-Methyl-2-butene	0.22	ND	ND	ND	ND	0.17	0.10	ND	ND	0.19	0.11
2,2-Dimethylbutane	0.20	0.51	0.30	0.60	0.35	0.60	0.36	0.60	0.35	0.62	0.37
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.13	0.07
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	0.16	0.09	0.37	0.21	0.21	0.12
Cyclopentane	0.20	0.45	0.26	0.47	0.27	0.55	0.32	0.54	0.31	0.50	0.29
2,3-Dimethylbutane	0.20	0.73	0.43	0.75	0.45	0.81	0.48	0.77	0.46	0.85	0.50
2-Methylpentane	0.13	0.47	0.28	0.64	0.38	0.98	0.58	0.57	0.34	1.08	0.64
3-Methylpentane	0.22	0.64	0.38	0.82	0.49	1.21	0.72	1.78	1.05	1.20	0.71
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.78	0.46	0.77	0.45	0.88	0.52	1.10	0.65	0.87	0.51
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.55	0.33	0.75	0.45	1.02	0.60	0.78	0.46	1.03	0.61
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.45	0.26	0.51	0.29	0.70	0.41	0.55	0.32	0.65	0.38
2,4-Dimethylpentane	0.22	0.61	0.31	0.61	0.31	0.76	0.39	0.66	0.34	0.76	0.39
Benzene	0.18	0.82	0.44	1.10	0.59	1.26	0.68	1.01	0.54	1.37	0.74
Cyclohexane	0.16	0.62	0.36	0.62	0.36	0.70	0.40	0.88	0.51	0.80	0.46
2-Methylhexane	0.21	0.90	0.53	0.96	0.57	0.44	0.26	0.96	0.57	0.47	0.27
2,3-Dimethylpentane	0.28	0.86	0.51	1.03	0.61	0.87	0.51	1.16	0.69	0.99	0.59
3-Methylhexane	0.17	0.25	0.15	0.19	0.11	0.50	0.29	1.11	0.65	1.33	0.78
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.61	0.36	0.84	0.50	1.13	0.67	0.89	0.52	1.53	0.90
n-Heptane	0.23	0.48	0.28	0.66	0.39	0.66	0.39	0.58	0.34	0.74	0.44
Methylcyclohexane	0.25	0.42	0.24	0.43	0.25	0.56	0.32	0.56	0.32	0.53	0.30
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	0.21	0.12
2,3,4-Trimethylpentane	0.20	0.39	0.23	0.38	0.23	0.51	0.30	0.39	0.23	0.65	0.38
Toluene	0.20	1.72	0.93	2.28	1.24	3.19	1.73	2.12	1.15	5.80	3.15
2-Methylheptane	0.17	0.35	0.21	0.36	0.21	0.50	0.30	0.42	0.25	0.67	0.40
3-Methylheptane	0.20	0.39	0.23	0.42	0.25	0.55	0.32	0.47	0.28	0.64	0.38
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.33	0.19	0.34	0.20	0.48	0.28	0.47	0.28	1.03	0.61
Ethylbenzene	0.21	0.73	0.44	0.74	0.45	0.95	0.57	0.70	0.42	1.35	0.81
m-Xylene/p-Xylene	0.16	1.48	0.81	1.70	0.93	2.34	1.28	1.64	0.90	3.53	1.93
Styrene	0.20	0.36	0.19	0.33	0.18	0.53	0.28	0.39	0.21	0.48	0.26
o-Xylene	0.19	0.49	0.27	0.56	0.31	0.81	0.44	0.54	0.29	1.34	0.73
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	0.24	0.14	ND	ND
n-Nonane	0.11	0.22	0.13	0.30	0.18	0.41	0.24	0.36	0.21	0.36	0.21
Isopropylbenzene	0.18	0.29	0.16	0.28	0.15	0.35	0.19	0.36	0.20	0.30	0.17
a-Pinene	0.18	ND	ND	0.28	0.16	1.78	1.00	13.09	7.36	1.18	0.66
n-Propylbenzene	0.21	0.24	0.13	0.28	0.15	0.42	0.23	0.30	0.16	0.31	0.17
m-Ethyltoluene	0.15	0.32	0.18	0.42	0.23	0.63	0.35	2.39	1.32	0.51	0.28
p-Ethyltoluene	0.19	0.36	0.20	0.33	0.18	0.52	0.29	0.38	0.21	0.38	0.21
1,3,5-Trimethylbenzene	0.18	0.28	0.15	0.29	0.16	0.40	0.22	0.26	0.14	0.23	0.12
o-Ethyltoluene	0.22	0.32	0.18	0.35	0.19	0.52	0.29	0.42	0.23	0.29	0.16
b-Pinene	0.22	ND	ND	ND	ND	1.70	0.96	1.25	0.70	0.52	0.29
1,2,4-Trimethylbenzene	0.21	0.37	0.20	0.51	0.28	0.65	0.36	0.62	0.34	0.43	0.24
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.37	0.21	0.85	0.50	0.41	0.24	3.80	2.23	0.26	0.15
1,2,3-Trimethylbenzene	0.19	0.24	0.13	0.18	0.10	0.22	0.12	0.29	0.16	0.16	0.09
m-Diethylbenzene	0.20	0.27	0.15	0.32	0.18	0.35	0.20	0.23	0.13	0.29	0.16
p-Diethylbenzene	0.22	0.15	0.08	0.14	0.08	0.20	0.11	0.17	0.09	0.19	0.11
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.17	0.10	ND	ND
n-Undecane	0.24	0.36	0.21	0.33	0.19	0.38	0.22	0.32	0.19	0.22	0.13
1-Dodecene	0.24	ND	ND	ND	ND	0.28	0.16	0.40	0.23	ND	ND
n-Dodecane	0.49	0.57	0.33	0.41	0.24	0.43	0.25	0.49	0.28	0.34	0.20
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		41.53	24.23	58.46	34.32	70.53	41.19	76.32	44.30	76.67	44.75
TNMOC, ppbC (w/ unknowns)		70.05	70.05	74.84	74.84	102.80	102.80	118.88	118.88	106.21	106.21

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 34003 R1		CUSD 34005 D2		CUSD 34005 R2		CUSD 34205		CUSD 34323	
Sampling Date:		6/26/2003		6/26/2003		6/26/2003		7/2/2003		7/8/2003	
Analysis Date:		7/23/2003		7/21/2003		7/23/2003		7/22/2003		7/22/2003	
Filename:		L3GW009		L3GU011		L3GW010		L3GU019		L3GU020	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.20	0.69	1.46	0.85	1.33	0.77	1.70	0.99	1.47	0.85
Acetylene	0.11	1.04	0.56	1.30	0.70	1.20	0.65	1.57	0.84	1.10	0.59
Ethane	0.17	3.60	2.23	3.92	2.43	3.65	2.27	3.85	2.39	3.73	2.31
Propylene	0.11	0.72	0.41	0.90	0.52	0.83	0.48	1.06	0.61	1.07	0.62
Propane	0.19	18.10	10.98	18.92	11.47	17.80	10.79	28.05	17.01	11.95	7.24
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.21	0.72	1.27	0.76	1.13	0.67	2.02	1.21	1.63	0.98
Isobutene/1-Butene	0.17	0.78	0.45	1.68	0.97	0.89	0.52	1.25	0.72	2.49	1.44
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	1.67	1.00	1.99	1.19	1.75	1.05	3.56	2.13	2.69	1.61
trans-2-Butene	0.17	0.17	0.10	0.42	0.25	0.33	0.19	0.56	0.32	0.67	0.39
cis-2-Butene	0.16	0.20	0.12	0.55	0.32	0.47	0.27	0.72	0.41	0.93	0.54
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.23	1.33	2.59	1.54	2.34	1.39	4.78	2.85	2.85	1.70
1-Pentene	0.20	0.81	0.47	1.07	0.62	0.88	0.51	2.29	1.32	1.92	1.11
2-Methyl-1-butene	0.20	0.16	U 0.09	0.14	U 0.08	0.13	U 0.08	0.33	0.19	0.15	U 0.09
n-Pentane	0.19	1.08	0.64	1.32	0.78	1.18	0.70	2.61	1.55	1.60	0.95
Isoprene	0.20	0.56	0.32	0.71	0.40	0.56	0.31	1.80	1.01	1.51	0.85
trans-2-Pentene	0.21	0.24	0.14	0.48	0.29	0.37	0.22	0.67	0.40	0.75	0.44
cis-2-Pentene	0.22	0.19	U 0.11	0.53	0.32	0.40	0.24	0.68	0.40	0.81	0.48
2-Methyl-2-butene	0.22	0.19	U 0.11	0.16	U 0.09	0.13	U 0.08	0.41	0.24	0.12	U 0.07
2,2-Dimethylbutane	0.20	0.21	0.13	0.66	0.39	0.48	0.29	0.78	0.46	1.03	0.61
Cyclopentene	0.20	ND	ND	0.22	0.12	0.23	0.13	0.16	U 0.09	0.20	U 0.11
4-Methyl-1-pentene	0.20	0.19	U 0.11	0.16	U 0.09	0.13	U 0.08	0.19	U 0.11	0.21	U 0.12
Cyclopentane	0.20	0.30	0.17	0.62	0.36	0.44	0.26	0.66	0.38	0.72	0.42
2,3-Dimethylbutane	0.20	0.35	0.21	0.94	0.55	0.70	0.41	1.16	0.69	1.31	0.78
2-Methylpentane	0.13	0.84	0.50	0.94	0.55	0.83	0.49	1.53	0.90	0.91	0.54
3-Methylpentane	0.22	0.63	0.37	1.02	0.60	1.03	0.61	1.49	0.88	1.97	1.16
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.31	U 0.18	0.99	0.59	0.78	0.46	1.05	0.62	1.38	0.82
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.70	0.41	0.86	0.51	0.76	0.45	1.42	0.84	1.03	0.61
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.37	0.22	0.63	0.37	0.51	0.30	0.97	0.56	0.85	0.49
2,4-Dimethylpentane	0.22	0.33	0.17	0.80	0.40	0.58	0.29	1.07	0.54	1.09	0.55
Benzene	0.18	1.00	0.54	1.29	0.69	1.18	0.63	1.59	0.85	1.22	0.65
Cyclohexane	0.16	0.33	0.19	0.65	0.38	0.87	0.50	0.84	0.49	1.15	0.67
2-Methylhexane	0.21	0.20	U 0.12	0.38	0.22	0.30	0.18	1.43	0.84	1.48	0.87
2,3-Dimethylpentane	0.28	0.39	0.23	0.93	0.55	0.66	0.39	1.63	0.96	1.95	1.15
3-Methylhexane	0.17	0.61	0.36	1.24	0.73	0.22	0.13	0.11	U 0.06	ND	ND
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.12	0.66	1.31	0.77	1.10	0.65	2.06	1.21	1.21	0.71
n-Heptane	0.23	0.47	0.27	0.53	0.31	0.46	0.27	0.80	0.47	0.74	0.44
Methylcyclohexane	0.25	0.28	0.16	0.58	0.33	0.46	0.27	0.66	0.38	0.82	0.47
2,2,3-Trimethylpentane	0.25	0.16	U 0.10	ND	ND	ND	ND	0.20	U 0.12	ND	ND
2,3,4-Trimethylpentane	0.20	0.42	0.25	0.51	0.30	0.41	0.24	0.72	0.42	0.68	0.40
Toluene	0.20	4.82	2.62	2.30	1.25	2.12	1.15	3.38	1.84	1.96	1.06
2-Methylheptane	0.17	0.37	0.22	0.42	0.25	0.33	0.19	0.48	0.28	0.66	0.39
3-Methylheptane	0.20	0.35	0.20	0.49	0.29	0.35	0.21	0.57	0.34	0.64	0.38
1-Octene	0.20	ND	ND	0.26	0.15	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.69	0.41	0.44	0.26	0.36	0.21	0.49	0.29	0.74	0.44
Ethylbenzene	0.21	0.90	0.54	0.43	0.26	0.48	0.29	0.62	0.37	0.60	0.36
m-Xylene/p-Xylene	0.16	2.57	1.41	1.12	0.61	1.10	0.60	1.56	0.86	1.23	0.67
Styrene	0.20	0.17	U 0.09	0.29	0.16	0.31	0.16	0.33	0.18	0.50	0.27
o-Xylene	0.19	0.91	0.50	0.45	0.25	0.51	0.28	0.66	0.36	0.63	0.35
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.12	0.07	0.29	0.17	0.25	0.15	0.30	0.17	0.50	0.29
Isopropylbenzene	0.18	ND	ND	0.27	0.15	0.29	0.16	0.29	0.16	0.55	0.30
a-Pinene	0.18	1.09	0.61	0.27	0.15	0.24	U 0.14	1.62	0.91	0.31	0.17
n-Propylbenzene	0.21	ND	ND	0.31	0.17	0.34	0.19	0.28	0.15	0.45	0.25
m-Ethyltoluene	0.15	0.31	0.17	0.35	0.19	0.35	0.20	2.14	1.18	0.71	0.39
p-Ethyltoluene	0.19	0.13	U 0.07	0.29	0.16	0.33	0.18	0.35	0.19	0.60	0.33
1,3,5-Trimethylbenzene	0.18	ND	ND	0.29	0.16	0.24	0.13	0.36	0.20	0.45	0.25
o-Ethyltoluene	0.22	ND	ND	0.52	0.28	0.36	0.20	0.39	0.22	0.52	0.29
b-Pinene	0.22	0.41	0.23	0.77	0.43	0.73	0.41	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.20	U 0.11	0.51	0.28	0.57	0.32	0.65	0.36	0.67	0.37
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.10	U 0.06	NR	NR	0.29	0.17	0.36	0.21	0.48	0.28
1,2,3-Trimethylbenzene	0.19	ND	ND	0.20	0.11	0.17	U 0.10	0.23	0.13	0.31	0.17
m-Diethylbenzene	0.20	ND	ND	0.33	0.18	0.33	0.18	0.41	0.23	0.45	0.25
p-Diethylbenzene	0.22	ND	ND	0.21	U 0.11	0.18	U 0.10	0.21	U 0.11	0.34	0.19
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	ND	ND	0.35	0.21	0.33	0.19	0.38	0.23	0.42	0.25
1-Dodecene	0.24	ND	ND	0.10	U 0.06	ND	ND	ND	ND	0.15	U 0.08
n-Dodecane	0.49	ND	ND	0.53	0.31	0.31	U 0.18	0.42	U 0.25	0.59	0.34
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		56.49	33.13	66.42	39.00	58.32	34.26	94.90	55.72	71.83	41.97
TNMOC, ppbC (w/ unknowns)		75.46	75.46	96.58	96.58	90.81	90.81	116.29	116.29	117.60	117.60

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 34543 D1		CUSD 34543 R1		CUSD 34545 D2		CUSD 34545 R2		CUSD 34615	
Sampling Date:		7/14/2003		7/14/2003		7/14/2003		7/14/2003		7/20/2003	
Analysis Date:		7/24/2003				7/24/2003		8/1/2003		8/20/2003	
Filename:		L3GW018		VOID		L3GW019		L3HA016		L3HT006	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.06	0.61			1.13	0.65	1.16	0.67	1.13	0.65
Acetylene	0.11	0.66	0.36			0.65	0.35	0.68	0.37	0.81	0.43
Ethane	0.17	4.04	2.51			3.79	2.35	3.80	2.36	3.11	1.93
Propylene	0.11	0.75	0.44			0.74	0.43	0.74	0.43	0.78	0.45
Propane	0.19	37.99	23.04			31.61	19.17	31.90	19.34	15.52	9.41
Propyne	0.19	ND	ND			ND	ND	ND	ND	ND	ND
Isobutane	0.14	6.84	4.10			5.59	3.35	5.66	3.39	1.23	0.74
Isobutene/1-Butene	0.17	1.06	0.61			1.10	0.64	1.15	0.66	0.87	0.50
1,3-Butadiene	0.17	ND	ND			ND	ND	ND	ND	ND	ND
n-Butane	0.17	5.73	3.43			4.75	2.85	4.74	2.84	2.00	1.20
trans-2-Butene	0.17	0.57	0.33			0.46	0.26	0.45	0.26	0.25	0.15
cis-2-Butene	0.16	0.52	0.30			0.41	0.24	0.45	0.26	0.41	0.23
3-Methyl-1-butene	0.16	0.21	U 0.12			0.19	U 0.11	0.15	U 0.09	ND	ND
Isopentane	0.19	12.55	7.47			9.57	5.69	9.87	5.88	6.71	4.00
1-Pentene	0.20	3.54	2.05			3.72	2.15	3.74	2.17	NR	NR
2-Methyl-1-butene	0.20	0.94	0.55			0.74	0.43	0.75	0.43	0.23	0.13
n-Pentane	0.19	8.64	5.14			6.85	4.08	6.89	4.10	1.57	0.94
Isoprene	0.20	0.90	0.50			0.92	0.52	0.90	0.50	2.08	1.17
trans-2-Pentene	0.21	1.40	0.83			1.12	0.67	1.04	0.62	0.43	0.26
cis-2-Pentene	0.22	0.73	0.43			0.55	0.33	0.57	0.34	0.42	0.25
2-Methyl-2-butene	0.22	1.33	0.77			1.09	0.63	1.06	0.61	0.20	U 0.12
2,2-Dimethylbutane	0.20	0.35	0.20			0.32	0.19	0.30	0.18	0.60	0.35
Cyclopentene	0.20	0.36	0.20			0.35	0.20	0.35	0.20	0.16	U 0.09
4-Methyl-1-pentene	0.20	0.35	0.20			0.27	U 0.16	0.29	U 0.17	ND	ND
Cyclopentane	0.20	0.93	0.54			0.74	0.43	0.81	0.47	0.33	0.19
2,3-Dimethylbutane	0.20	0.83	0.49			0.68	0.41	0.67	0.40	0.70	0.42
2-Methylpentane	0.13	3.71	2.20			2.97	1.76	3.08	1.83	1.11	0.66
3-Methylpentane	0.22	2.29	1.36			1.98	1.17	1.96	1.16	0.79	0.47
2-Methyl-1-pentene	0.22	0.21	U 0.12			0.16	U 0.09	0.16	U 0.09	ND	ND
1-Hexene	0.32	0.32	U 0.19			0.33	0.19	0.30	U 0.18	0.43	0.25
2-Ethyl-1-butene	0.22	ND	ND			ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.22	1.91			2.67	1.58	2.65	1.57	4.06	2.40
trans-2-Hexene	0.21	0.46	0.27			0.19	U 0.11	0.20	U 0.12	ND	ND
cis-2-Hexene	0.21	0.21	U 0.13			0.14	U 0.08	0.16	U 0.10	ND	ND
Methylcyclopentane	0.21	1.55	0.90			1.28	0.74	1.31	0.76	0.46	0.27
2,4-Dimethylpentane	0.22	0.80	0.41			0.62	0.31	0.61	0.31	0.49	0.25
Benzene	0.18	3.61	1.94			2.93	1.58	2.93	1.57	0.95	0.51
Cyclohexane	0.16	0.97	0.56			0.75	0.43	0.81	0.47	0.44	0.26
2-Methylhexane	0.21	1.26	0.74			0.89	0.52	0.86	0.51	0.35	0.21
2,3-Dimethylpentane	0.28	0.97	0.58			0.84	0.50	1.42	0.84	0.75	0.44
3-Methylhexane	0.17	ND	ND			ND	ND	ND	ND	0.55	0.32
1-Heptene	0.17	ND	ND			ND	ND	ND	ND	0.20	U 0.11
2,2,4-Trimethylpentane	0.19	2.60	1.53			1.96	1.16	1.99	1.17	0.87	0.51
n-Heptane	0.23	1.31	0.77			1.17	0.69	1.02	0.60	0.40	0.24
Methylcyclohexane	0.25	0.57	0.33			0.43	0.25	0.52	0.30	0.34	0.19
2,2,3-Trimethylpentane	0.25	0.33	0.19			0.20	U 0.12	0.25	0.15	ND	ND
2,3,4-Trimethylpentane	0.20	0.53	0.31			0.41	0.24	0.44	0.26	0.43	0.25
Toluene	0.20	11.40	6.19			6.11	3.32	6.36	3.45	1.91	1.04
2-Methylheptane	0.17	0.53	0.31			0.36	0.21	0.34	0.20	0.21	0.13
3-Methylheptane	0.20	0.56	0.33			0.34	0.20	0.37	0.22	0.19	U 0.11
1-Octene	0.20	ND	ND			ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.53	0.31			0.36	0.21	0.37	0.22	0.26	0.15
Ethylbenzene	0.21	1.26	0.75			0.49	0.30	0.50	0.30	0.40	0.24
m-Xylene/p-Xylene	0.16	4.41	2.41			1.56	0.85	1.77	0.97	0.88	0.48
Styrene	0.20	0.20	U 0.11			0.17	U 0.09	0.18	U 0.09	0.75	0.40
o-Xylene	0.19	1.70	0.93			0.53	0.29	0.61	0.34	0.36	0.20
1-Nonene	0.19	ND	ND			ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.48	0.28			0.13	0.08	0.17	0.10	ND	ND
Isopropylbenzene	0.18	ND	ND			ND	ND	ND	ND	ND	ND
a-Pinene	0.18	1.04	0.59			1.02	0.57	1.10	0.62	1.56	0.88
n-Propylbenzene	0.21	0.22	0.12			ND	ND	0.12	U 0.06	0.20	U 0.11
m-Ethyltoluene	0.15	1.08	0.59			0.41	0.22	0.46	0.26	0.34	0.19
p-Ethyltoluene	0.19	0.42	0.23			0.13	U 0.07	0.17	U 0.09	0.20	0.11
1,3,5-Trimethylbenzene	0.18	0.38	0.21			0.14	U 0.07	0.13	U 0.07	ND	ND
o-Ethyltoluene	0.22	0.32	0.18			0.12	U 0.06	0.13	U 0.07	ND	ND
b-Pinene	0.22	0.86	0.49			2.13	1.20	2.16	1.21	3.47	1.95
1,2,4-Trimethylbenzene	0.21	1.19	0.66			0.44	0.24	0.49	0.27	0.29	0.16
1-Decene	0.21	ND	ND			ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.58	0.34			0.15	U 0.09	0.16	U 0.10	0.37	0.22
1,2,3-Trimethylbenzene	0.19	0.19	U 0.10			ND	ND	0.06	U 0.03	ND	ND
m-Diethylbenzene	0.20	0.12	U 0.07			ND	ND	ND	ND	0.19	U 0.11
p-Diethylbenzene	0.22	ND	ND			ND	ND	ND	ND	ND	ND
1-Undecene	0.22	ND	ND			ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.06	0.62			0.39	0.23	0.36	0.21	0.26	0.15
1-Dodecene	0.24	ND	ND			ND	ND	0.19	U 0.11	ND	ND
n-Dodecane	0.49	0.79	0.46			0.66	0.38	0.56	0.33	0.29	U 0.17
1-Tridecene	0.49	ND	ND			ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND			ND	ND	0.16	U 0.09	ND	ND
TNMOC (speciated)		146.50	85.95			112.91	66.52	115.72	68.14	64.27	37.74
TNMOC, ppbC (w/ unknowns)		181.24	181.24			143.32	143.32	159.34	159.34	96.11	96.11

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 34746		CUSD 34780		CUSD 34976		CUSD 35061		CUSD 35186	
Sampling Date:		7/26/2003		8/1/2003		8/7/2003		8/13/2003		8/19/2003	
Analysis Date:		9/9/2003		9/5/2003		9/5/2003		9/11/2003		9/23/2003	
Filename:		L3II012		L3ID015		L3ID011		L3IJ016		L3IW010	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.45	0.84	1.66	0.96	1.44	0.83	1.39	0.80	1.35	0.78
Acetylene	0.11	1.22	0.65	1.58	0.85	1.26	0.68	0.83	0.44	1.77	0.95
Ethane	0.17	4.22	2.62	4.43	2.75	3.84	2.38	5.18	3.21	5.36	3.33
Propylene	0.11	1.04	0.60	1.04	0.60	1.00	0.58	0.86	0.50	0.76	0.44
Propane	0.19	7.54	4.57	33.52	20.33	19.29	11.70	25.41	15.41	14.88	9.02
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.14	0.69	1.82	1.09	1.34	0.80	2.49	1.49	1.67	1.00
Isobutene/1-Butene	0.17	1.30	0.75	1.00	0.58	1.13	0.66	1.05	0.61	0.87	0.50
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	2.28	1.37	3.24	1.94	2.49	1.49	2.92	1.75	3.54	2.12
trans-2-Butene	0.17	0.49	0.28	0.67	0.39	0.37	0.21	0.17	U	0.10	0.14
cis-2-Butene	0.16	0.61	0.35	0.58	0.33	0.78	0.45	0.22	0.13	0.44	0.25
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	1.65	0.98	4.06	2.42	10.56	6.29	5.13	3.06	4.29	2.56
1-Pentene	0.20	NR	NR	0.42	0.24	0.52	0.30	0.23	0.13	0.33	0.19
2-Methyl-1-butene	0.20	0.13	U	0.07	0.59	0.34	0.30	0.17	1.48	0.86	0.15
n-Pentane	0.19	1.48	0.88	2.56	1.52	1.68	1.00	4.11	2.45	2.59	1.54
Isoprene	0.20	2.01	1.13	1.61	0.90	1.70	0.96	0.59	0.33	1.22	0.69
trans-2-Pentene	0.21	0.52	0.31	0.52	0.31	0.49	0.29	0.30	0.18	0.42	0.25
cis-2-Pentene	0.22	0.53	0.31	0.50	0.30	0.45	0.27	0.16	U	0.10	0.27
2-Methyl-2-butene	0.22	ND	ND	0.24	0.14	0.26	0.15	0.51	0.30	0.23	0.13
2,2-Dimethylbutane	0.20	0.86	0.51	0.79	0.47	0.70	0.42	0.28	0.16	1.43	0.84
Cyclopentene	0.20	0.53	0.30	0.28	0.16	0.13	U	0.07	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.50	0.29	0.49	0.29	0.41	0.24	0.29	0.17	0.48	0.28
2,3-Dimethylbutane	0.20	0.86	0.51	0.98	0.58	0.79	0.47	0.43	0.25	0.81	0.48
2-Methylpentane	0.13	1.89	1.12	2.04	1.21	1.80	1.06	2.07	1.23	2.68	1.59
3-Methylpentane	0.22	1.00	0.59	1.28	0.76	0.97	0.58	1.13	0.67	1.47	0.87
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	0.13	U	0.08	ND
1-Hexene	0.32	1.32	0.78	0.77	0.45	0.81	0.48	0.14	U	0.08	0.32
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	7.15	4.24	2.06	1.22	6.01	3.56	3.68	2.18	1.63	0.96
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.73	0.42	0.83	0.48	0.79	0.46	0.67	0.39	0.85	0.49
2,4-Dimethylpentane	0.22	0.82	0.42	0.82	0.42	0.77	0.39	0.56	0.28	0.73	0.37
Benzene	0.18	2.46	1.32	1.80	0.97	1.34	0.72	1.67	0.90	1.70	0.91
Cyclohexane	0.16	0.69	0.40	0.66	0.38	0.55	0.32	0.33	0.19	1.98	1.14
2-Methylhexane	0.21	1.86	1.10	1.99	1.18	2.12	1.25	32.98	19.48	0.51	0.30
2,3-Dimethylpentane	0.28	1.34	0.79	1.55	0.92	1.45	0.86	16.94	10.00	0.81	0.48
3-Methylhexane	0.17	1.48	0.87	1.99	1.17	1.90	1.12	63.80	37.68	0.80	0.47
1-Heptene	0.17	0.66	0.38	0.24	U	0.14	0.28	U	0.16	3.12	1.81
2,2,4-Trimethylpentane	0.19	1.05	0.62	1.53	0.90	1.30	0.77	1.06	0.62	1.27	0.75
n-Heptane	0.23	1.22	0.72	1.10	0.65	1.29	0.76	50.39	29.76	0.76	0.45
Methylcyclohexane	0.25	0.78	0.45	0.81	0.47	0.67	0.39	2.60	1.50	0.75	0.44
2,2,3-Trimethylpentane	0.25	ND	ND	0.20	U	0.12	ND	ND	ND	0.19	U
2,3,4-Trimethylpentane	0.20	0.39	0.23	0.60	0.35	0.52	0.31	0.44	0.26	0.44	0.26
Toluene	0.20	9.20	4.99	9.98	5.42	9.98	5.42	22.80	12.38	3.88	2.11
2-Methylheptane	0.17	0.45	0.26	0.39	0.23	0.40	0.23	0.20	0.12	0.40	0.24
3-Methylheptane	0.20	0.42	0.25	0.40	0.24	0.48	0.28	0.26	0.15	0.43	0.26
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.70	0.41	0.62	0.37	0.84	0.50	0.39	0.23	0.68	0.40
Ethylbenzene	0.21	1.06	0.64	0.87	0.52	0.85	0.51	0.65	0.39	0.71	0.43
m-Xylene/p-Xylene	0.16	2.68	1.47	2.87	1.57	2.38	1.30	1.87	1.02	1.41	0.77
Styrene	0.20	0.68	0.36	0.24	0.13	0.22	0.12	0.33	0.18	0.16	U
o-Xylene	0.19	1.24	0.68	1.13	0.62	0.93	0.51	0.73	0.40	0.63	0.34
1-Nonene	0.19	0.60	0.35	ND	ND	0.24	0.14	0.14	U	0.08	ND
n-Nonane	0.11	0.43	0.25	0.35	0.20	0.36	0.21	0.25	0.15	0.40	0.23
Isopropylbenzene	0.18	0.50	0.28	0.29	0.16	0.26	0.14	ND	ND	0.27	0.15
a-Pinene	0.18	1.24	0.70	1.66	0.93	1.20	0.67	1.21	0.68	1.37	0.77
n-Propylbenzene	0.21	0.46	0.26	0.25	0.14	0.23	0.12	0.13	U	0.07	0.10
m-Ethyltoluene	0.15	1.04	0.57	1.31	0.72	0.51	0.28	1.14	0.63	0.43	0.24
p-Ethyltoluene	0.19	0.52	0.28	0.28	0.15	0.32	0.17	0.24	0.13	0.19	0.11
1,3,5-Trimethylbenzene	0.18	0.54	0.30	0.40	0.22	0.35	0.20	0.25	0.14	0.32	0.18
o-Ethyltoluene	0.22	0.56	0.31	0.41	0.22	0.35	0.20	0.27	0.15	0.34	0.19
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.11	0.61	0.59	0.32	0.65	0.36	0.60	0.33	0.54	0.30
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.58	0.34	0.41	0.24	0.42	0.25	4.07	2.39	0.42	0.25
1,2,3-Trimethylbenzene	0.19	ND	ND	0.23	0.13	0.23	0.13	0.21	0.12	0.38	0.21
m-Diethylbenzene	0.20	0.41	0.23	0.26	0.14	0.27	0.15	ND	ND	0.28	0.16
p-Diethylbenzene	0.22	0.30	0.17	0.13	U	0.07	0.17	U	0.10	ND	U
1-Undecene	0.22	0.14	U	0.08	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.46	0.27	0.35	0.21	0.30	0.17	9.95	5.83	0.36	0.21
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	0.23	U
n-Dodecane	0.49	0.35	U	0.20	0.14	U	0.08	2.25	1.32	0.36	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		80.86	46.73	106.40	62.31	95.53	55.80	283.64	166.40	76.16	44.60
TNMOC, ppbC (w/ unknowns)		171.68	171.68	150.91	150.91	140.09	140.09	405.59	405.59	155.55	155.55

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 35328		CUSD 35555		CUSD 35592		CUSD 35806		CUSD 35808	
Sampling Date:		8/25/2003		8/31/2003		9/6/2003		9/12/2003		9/18/2003	
Analysis Date:		9/24/2003		9/26/2003		10/1/2003		10/7/2003		10/8/2003	
Filename:		L3IW020		L3IZ008		L3I%006		L3JF019		L3JH012	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	2.21	1.28	0.73	0.42	1.03	0.60	1.82	1.05	1.62	0.93
Acetylene	0.11	2.24	1.20	1.03	0.55	1.13	0.61	1.11	0.60	1.48	0.80
Ethane	0.17	4.05	2.51	3.43	2.13	7.14	4.43	4.27	2.65	3.59	2.23
Propylene	0.11	1.33	0.77	0.48	0.28	0.73	0.42	1.04	0.60	0.86	0.50
Propane	0.19	27.36	16.59	8.71	5.28	24.46	14.83	16.20	9.82	10.47	6.35
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.15	1.29	0.69	0.42	1.65	0.99	1.29	0.77	0.89	0.53
Isobutene/1-Butene	0.17	1.53	0.88	0.66	0.38	0.95	0.55	2.04	1.18	0.88	0.51
1,3-Butadiene	0.17	0.17	U 0.09	ND	ND	ND	ND	ND	ND	ND	ND
n-Butane	0.17	4.52	2.71	1.25	0.75	3.11	1.86	2.13	1.28	1.57	0.94
trans-2-Butene	0.17	0.35	0.20	0.29	0.17	0.32	0.19	0.40	0.23	0.49	0.28
cis-2-Butene	0.16	0.61	0.35	0.35	0.20	0.43	0.25	0.54	0.31	0.63	0.36
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	5.66	3.37	1.63	0.97	3.05	1.82	2.26	1.35	1.67	0.99
1-Pentene	0.20	0.59	0.34	0.25	0.14	0.38	0.22	NR	NR	0.31	0.18
2-Methyl-1-butene	0.20	0.48	0.28	ND	ND	0.26	0.15	0.24	0.14	0.14	U 0.08
n-Pentane	0.19	3.38	2.01	0.94	0.56	2.09	1.24	1.83	1.09	1.35	0.80
Isoprene	0.20	1.97	1.11	0.55	0.31	0.73	0.41	0.57	0.32	0.43	0.24
trans-2-Pentene	0.21	0.68	0.40	0.30	0.18	0.39	0.23	0.45	0.27	0.37	0.22
cis-2-Pentene	0.22	0.57	0.34	0.35	0.21	0.41	0.25	0.44	0.26	0.38	0.23
2-Methyl-2-butene	0.22	0.53	0.31	0.13	U 0.07	0.22	0.13	1.79	1.03	ND	ND
2,2-Dimethylbutane	0.20	0.82	0.49	0.84	0.50	0.61	0.36	0.60	0.35	0.58	0.34
Cyclopentene	0.20	0.28	0.16	ND	ND	0.18	U 0.10	ND	ND	0.27	ug 0.15
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.57	0.33	0.39	0.23	0.36	0.21	0.43	0.25	0.40	0.23
2,3-Dimethylbutane	0.20	1.08	0.64	0.59	0.35	0.75	0.44	0.70	0.41	0.71	0.42
2-Methylpentane	0.13	2.79	1.65	1.01	0.60	1.90	1.13	6.24	3.69	1.86	1.10
3-Methylpentane	0.22	1.52	0.90	0.58	0.34	0.86	0.51	0.62	0.37	0.65	0.38
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.84	0.50	0.47	0.28	0.63	0.38	0.61	0.36	0.60	0.35
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	4.30	2.55	0.50	0.30	4.02	2.38	0.97	0.57	0.70	0.41
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.02	0.59	0.42	0.24	0.61	0.35	1.50	0.87	0.44	0.26
2,4-Dimethylpentane	0.22	1.01	0.51	0.48	0.24	0.58	0.29	0.65	0.33	0.58	0.29
Benzene	0.18	3.58	1.92	1.02	0.55	1.25	0.67	1.16	0.62	1.04	0.56
Cyclohexane	0.16	0.63	0.37	0.35	0.20	0.42	0.24	0.55	0.32	0.51	0.30
2-Methylhexane	0.21	0.76	0.45	0.29	0.17	0.59	0.35	1.52	0.90	0.48	0.28
2,3-Dimethylpentane	0.28	1.33	0.79	0.56	0.33	1.00	0.59	0.73	0.43	0.90	0.53
3-Methylhexane	0.17	1.21	0.71	0.74	0.44	0.85	0.50	0.57	0.33	0.47	0.28
1-Heptene	0.17	0.27	U 0.16	ND	ND	0.16	U 0.09	0.17	U 0.10	0.14	U 0.08
2,2,4-Trimethylpentane	0.19	1.96	1.15	0.71	0.42	1.19	0.70	1.04	0.61	0.73	0.43
n-Heptane	0.23	0.85	0.50	0.33	0.20	0.58	0.34	0.48	0.28	0.36	0.21
Methylcyclohexane	0.25	0.75	0.44	0.34	0.20	0.50	0.29	0.94	0.54	0.56	0.32
2,2,3-Trimethylpentane	0.25	0.22	0.13	ND	ND	0.13	U 0.07	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.64	0.38	0.31	0.18	0.43	0.26	0.38	0.22	0.31	0.18
Toluene	0.20	4.73	2.57	1.30	0.71	3.53	1.92	1.90	1.03	1.20	0.65
2-Methylheptane	0.17	0.46	0.27	0.26	0.15	0.37	0.22	0.43	0.25	0.29	0.17
3-Methylheptane	0.20	0.47	0.27	0.22	0.13	0.31	0.18	0.34	0.20	0.31	0.18
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.49	0.29	0.26	0.15	0.39	0.23	0.44	0.26	0.36	0.21
Ethylbenzene	0.21	0.75	0.45	0.27	0.16	0.53	0.32	0.46	0.27	0.30	0.18
m-Xylene/p-Xylene	0.16	2.14	1.17	0.79	0.43	1.73	0.95	1.22	0.67	0.84	0.46
Styrene	0.20	0.17	U 0.09	0.12	U 0.06	0.17	U 0.09	0.60	0.32	ND	ND
o-Xylene	0.19	0.87	0.48	0.31	0.17	0.59	0.32	0.51	0.28	0.33	0.18
1-Nonene	0.19	0.14	U 0.08	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.37	0.21	0.18	0.10	0.26	0.15	0.34	0.20	0.20	0.12
Isopropylbenzene	0.18	0.20	0.11	0.15	U 0.08	0.20	0.11	0.24	0.13	0.23	0.13
a-Pinene	0.18	1.93	1.08	0.22	U 0.13	1.89	1.06	0.31	0.17	ND	ND
n-Propylbenzene	0.21	0.26	0.14	0.14	U 0.08	0.21	U 0.11	0.19	U 0.11	0.15	U 0.08
m-Ethyltoluene	0.15	0.71	0.39	0.22	0.12	0.49	0.27	0.30	0.17	0.22	0.12
p-Ethyltoluene	0.19	0.33	0.18	0.15	U 0.08	0.27	0.15	0.22	0.12	0.20	0.11
1,3,5-Trimethylbenzene	0.18	0.40	0.22	0.19	0.11	0.30	0.16	0.24	0.13	0.20	0.11
o-Ethyltoluene	0.22	0.37	0.20	0.19	U 0.10	0.33	0.18	0.26	0.14	0.22	0.12
b-Pinene	0.22	3.94	2.22	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.77	0.43	0.31	0.17	0.59	0.32	0.57	0.31	0.30	0.17
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.42	0.25	0.21	U 0.12	0.31	0.18	0.34	0.20	0.22	U 0.13
1,2,3-Trimethylbenzene	0.19	0.21	0.12	ND	ND	0.21	0.11	0.22	0.12	0.15	U 0.08
m-Diethylbenzene	0.20	0.25	0.14	0.16	U 0.09	0.30	0.17	0.32	0.18	0.19	U 0.10
p-Diethylbenzene	0.22	0.15	U 0.08	ND	ND	0.14	U 0.08	0.16	U 0.09	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.35	0.21	0.21	U 0.12	0.32	0.19	0.28	0.17	0.17	U 0.10
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.32	U 0.19	0.15	U 0.09	0.23	U 0.13	0.23	U 0.14	ND	ND
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		108.03	63.21	37.71	22.15	79.70	47.03	68.30	40.15	45.46	26.70
TNMOC, ppbC (w/ unknowns)		186.85	186.85	70.80	70.80	131.69	131.69	200.24	200.24	79.60	79.60

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 35912		CUSD 36013		CUSD 36139		CUSD 36212		CUSD 36300	
Sampling Date:		9/24/2003		9/30/2003		10/6/2003		10/12/2003		10/18/2003	
Analysis Date:		10/15/2003		10/15/2003		10/15/2003		10/17/2003		10/22/2003	
Filename:		L3JN019		L3JO011		L3JO008		L3JP016		L3JV008	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m3	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.24	0.72	2.04	1.18	1.85	1.07	1.74	1.01	2.27	1.32
Acetylene	0.11	1.34	0.72	1.73	0.93	1.72	0.92	1.44	0.77	2.09	1.12
Ethane	0.17	3.21	1.99	4.06	2.52	4.45	2.76	5.35	3.32	5.72	3.55
Propylene	0.11	0.75	0.44	1.38	0.80	1.03	0.59	0.90	0.52	1.32	0.76
Propane	0.19	13.50	8.19	11.74	7.12	21.82	13.23	21.57	13.08	46.57	28.24
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.96	0.57	39.02	23.39	1.49	0.90	1.30	0.78	1.79	1.07
Isobutene/1-Butene	0.17	0.82	0.48	1.58	0.91	1.39	0.81	1.15	0.67	1.51	0.87
1,3-Butadiene	0.17	ND	ND	0.19	0.10	0.14	0.08	ND	ND	0.17	0.10
n-Butane	0.17	1.65	0.99	1.67	1.00	2.49	1.49	2.27	1.36	3.26	1.95
trans-2-Butene	0.17	0.53	0.31	0.43	0.25	0.31	0.18	0.42	0.24	0.53	0.31
cis-2-Butene	0.16	0.42	0.24	0.45	0.26	0.59	0.34	0.45	0.26	0.59	0.34
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.11	1.26	0.95	0.57	NR	NR	2.21	1.32	4.14	2.47
1-Pentene	0.20	0.33	0.19	0.36	0.21	0.39	0.23	0.35	0.20	0.67	0.39
2-Methyl-1-butene	0.20	0.15	U 0.09	ND	ND	0.25	0.14	0.15	U 0.09	0.34	0.20
n-Pentane	0.19	1.45	0.86	1.20	0.72	1.89	1.13	1.33	0.79	2.44	1.45
Isoprene	0.20	0.37	0.21	0.42	0.23	0.50	0.28	0.43	0.24	0.56	0.31
trans-2-Pentene	0.21	0.37	0.22	0.34	0.20	0.50	0.30	0.37	0.22	0.64	0.38
cis-2-Pentene	0.22	0.36	0.21	0.37	0.22	0.41	0.24	0.36	0.21	0.50	0.30
2-Methyl-2-butene	0.22	0.15	U 0.09	NR	NR	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.53	0.32	0.56	0.33	0.60	0.35	0.61	0.36	0.64	0.38
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.27	0.15
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.21	U 0.12
Cyclopentane	0.20	0.37	0.21	0.40	0.23	0.44	0.26	1.60	0.92	0.54	0.31
2,3-Dimethylbutane	0.20	0.66	0.39	NR	NR	0.64	0.38	0.55	0.33	0.71	0.42
2-Methylpentane	0.13	1.42	0.84	2.52	1.49	1.90	1.13	3.95	2.34	2.97	1.76
3-Methylpentane	0.22	0.73	0.43	0.73	0.43	0.99	0.59	1.05	0.62	1.47	0.87
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.47	0.28	0.64	0.38	0.56	0.33	0.47	0.28	0.90	0.53
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.65	0.38	0.82	0.49	1.68	1.00	1.00	0.59	1.46	0.86
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.53	0.30	0.52	0.30	0.72	0.42	0.61	0.35	0.86	0.50
2,4-Dimethylpentane	0.22	0.61	0.31	0.59	0.30	0.70	0.36	1.98	1.01	0.82	0.42
Benzene	0.18	0.99	0.53	1.30	0.70	1.45	0.78	1.27	0.68	1.81	0.97
Cyclohexane	0.16	0.46	0.27	0.52	0.30	0.54	0.31	0.52	0.30	0.59	0.34
2-Methylhexane	0.21	0.43	0.25	0.60	0.35	0.67	0.39	0.51	0.30	0.88	0.52
2,3-Dimethylpentane	0.28	0.84	0.50	0.75	0.44	1.03	0.61	0.86	0.51	1.16	0.68
3-Methylhexane	0.17	0.54	0.32	0.58	0.34	0.83	0.49	0.53	0.32	0.85	0.50
1-Heptene	0.17	ND	ND	0.13	U 0.07	ND	ND	ND	ND	0.46	0.26
2,2,4-Trimethylpentane	0.19	0.73	0.43	0.97	0.57	1.44	0.85	3.20	1.88	1.52	0.90
n-Heptane	0.23	0.40	0.23	0.48	0.28	0.54	0.32	0.47	0.28	0.65	0.38
Methylcyclohexane	0.25	0.45	0.26	0.64	0.37	0.63	0.36	0.53	0.31	0.67	0.39
2,2,3-Trimethylpentane	0.25	ND	ND	0.17	U 0.10	0.15	U 0.09	ND	ND	0.18	U 0.10
2,3,4-Trimethylpentane	0.20	0.31	0.18	0.37	0.22	0.51	0.30	0.44	0.26	0.56	0.33
Toluene	0.20	1.43	0.78	1.98	1.07	2.44	1.33	7.42	4.03	3.26	1.77
2-Methylheptane	0.17	0.33	0.20	0.26	0.15	0.45	0.26	0.29	0.17	0.36	0.21
3-Methylheptane	0.20	0.30	0.17	0.33	0.20	0.44	0.26	0.35	0.20	0.43	0.26
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.30	0.18	0.80	0.47	0.60	0.35	0.53	0.31	0.55	0.32
Ethylbenzene	0.21	0.36	0.22	0.39	0.23	0.54	0.32	0.46	0.28	0.65	0.39
m-Xylene/p-Xylene	0.16	1.14	0.62	1.17	0.64	1.49	0.82	1.21	0.66	1.99	1.09
Styrene	0.20	0.14	U 0.07	0.23	0.12	0.17	U 0.09	0.17	U 0.09	0.27	0.15
o-Xylene	0.19	0.45	0.25	0.56	0.30	0.71	0.39	0.55	0.30	0.87	0.47
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.23	0.13	0.33	0.19	0.34	0.20	0.30	0.17	0.39	0.23
Isopropylbenzene	0.18	0.21	0.11	0.47	0.26	0.36	0.20	0.33	0.18	0.32	0.18
a-Pinene	0.18	ND	ND	0.63	0.36	1.20	0.68	0.54	0.30	1.07	0.60
n-Propylbenzene	0.21	0.15	U 0.08	0.83	0.46	0.52	0.29	0.54	0.30	0.54	0.30
m-Ethyltoluene	0.15	0.24	0.13	0.43	0.24	0.83	0.46	24.81	13.67	0.60	0.33
p-Ethyltoluene	0.19	0.21	0.11	0.32	0.17	0.28	0.16	0.28	0.15	0.35	0.19
1,3,5-Trimethylbenzene	0.18	0.22	0.12	0.37	0.20	0.37	0.20	0.33	0.18	0.45	0.25
o-Ethyltoluene	0.22	0.23	0.13	0.33	0.18	0.30	0.17	0.52	0.28	0.41	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.37	0.20	1.21	0.67	0.76	0.42	1.45	0.80	1.07	0.59
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.26	0.15	0.98	0.57	0.44	0.26	0.51	0.30	0.63	0.37
1,2,3-Trimethylbenzene	0.19	0.19	0.11	ND	ND	ND	ND	41.70	22.97	ND	ND
m-Diethylbenzene	0.20	0.17	U 0.09	5.58	3.09	1.93	1.07	2.99	1.66	1.63	0.90
p-Diethylbenzene	0.22	ND	ND	12.76	7.07	3.61	2.00	3.46	1.91	3.22	1.78
1-Undecene	0.22	ND	ND	0.77	0.45	0.25	0.14	0.22	U 0.13	0.32	0.18
n-Undecane	0.24	0.19	U 0.11	1.14	0.67	0.55	0.32	0.50	0.30	0.59	0.35
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	ND	ND	0.69	0.40	0.27	U 0.16	0.24	U 0.14	0.27	U 0.16
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		47.93	28.19	113.77	66.49	76.09	44.53	151.61	86.21	115.51	68.13
TNMOC, ppbC (w/ unknowns)		73.73	73.73	2366.00	2366.00	834.97	834.97	832.08	832.08	782.58	782.58

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 36366 D1		CUSD 36366 R1		CUSD 36368 D2		CUSD 36368 R2		CUSD 36480	
Sampling Date:		10/24/2003		10/24/2003		10/24/2003		10/24/2003		10/30/2003	
Analysis Date:		11/20/2003		11/21/2003		11/20/2003		12/5/2003		11/19/2003	
Filename:		L3KS019		L3KT014		L3KS020		L3LD018		L3KS013	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.52	0.88	2.20	1.28	1.37	0.79	1.84	1.06	0.80	0.46
Acetylene	0.11	1.46	0.78	2.77	1.49	1.46	0.78	1.78	0.95	0.97	0.52
Ethane	0.17	3.96	2.46	4.78	2.96	3.44	2.13	3.61	2.24	4.21	2.61
Propylene	0.11	0.86	0.50	1.28	0.74	0.62	0.36	0.96	0.55	0.29	0.17
Propane	0.19	11.05	6.70	12.78	7.75	12.57	7.62	12.06	7.31	4.53	2.75
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.85	0.51	1.33	0.80	0.61	0.36	1.03	0.62	0.69	0.41
Isobutene/1-Butene	0.17	0.97	0.56	1.26	0.73	0.95	0.55	1.45	0.84	0.74	0.43
1,3-Butadiene	0.17	ND	ND	0.17	0.09	ND	ND	ND	ND	ND	ND
n-Butane	0.17	2.07	1.24	3.53	2.11	1.30	0.78	2.06	1.23	1.71	1.02
trans-2-Butene	0.17	ND	ND	0.38	0.22	ND	ND	NR	NR	ND	ND
cis-2-Butene	0.16	0.13	U 0.07	0.47	0.27	ND	ND	0.64	0.37	ND	ND
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	1.78	1.06	2.90	1.72	1.25	0.75	2.08	1.24	0.73	0.43
1-Pentene	0.20	0.17	U 0.10	0.44	0.25	0.14	U 0.08	0.52	0.30	0.41	0.23
2-Methyl-1-butene	0.20	0.16	U 0.09	0.19	U 0.11	ND	ND	ND	ND	ND	ND
n-Pentane	0.19	0.92	0.55	1.45	0.86	0.78	0.46	1.26	0.75	0.75	0.45
Isoprene	0.20	0.24	0.13	0.56	0.32	ND	ND	0.56	0.32	ND	ND
trans-2-Pentene	0.21	0.19	U 0.11	0.43	0.26	ND	ND	0.52	0.31	ND	ND
cis-2-Pentene	0.22	ND	ND	0.44	0.26	ND	ND	0.50	0.30	ND	ND
2-Methyl-2-butene	0.22	113.01	65.40	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.42	0.25	0.56	0.33	0.20	0.12	0.88	0.52	ND	ND
Cyclopentene	0.20	1.33	0.75	1.11	0.62	0.71	0.40	0.77	0.43	0.60	0.34
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.16	U 0.09	0.34	0.20	0.13	U 0.08	0.40	0.23	ND	ND
2,3-Dimethylbutane	0.20	0.15	U 0.09	0.69	0.41	ND	ND	0.92	0.54	2.18	1.29
2-Methylpentane	0.13	4.20	2.49	1.34	0.79	0.83	0.49	1.57	0.93	0.50	0.29
3-Methylpentane	0.22	0.67	0.39	1.18	0.70	1.34	0.79	1.14	0.67	3.84	2.27
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.19	U 0.11	0.73	0.43	ND	ND	0.78	0.46	ND	ND
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.22	0.73	1.44	0.85	0.85	0.50	1.20	0.71	0.44	0.26
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.47	0.27	0.72	0.42	0.38	0.22	0.74	0.43	0.18	U 0.10
2,4-Dimethylpentane	0.22	ND	ND	0.53	0.27	0.20	U 0.10	0.71	0.36	ND	ND
Benzene	0.18	1.41	0.76	1.80	0.97	1.17	0.63	1.64	0.88	0.72	0.39
Cyclohexane	0.16	0.20	0.12	0.68	0.39	ND	ND	0.81	0.47	ND	ND
2-Methylhexane	0.21	0.55	0.32	0.73	0.43	0.53	0.32	1.17	0.69	0.15	U 0.09
2,3-Dimethylpentane	0.28	0.30	0.18	0.74	0.44	0.30	0.18	1.29	0.76	0.14	U 0.08
3-Methylhexane	0.17	0.44	0.26	0.71	0.42	0.25	0.15	0.75	0.45	0.20	0.12
1-Heptene	0.17	0.27	U 0.15	0.19	U 0.11	0.17	U 0.10	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.47	0.28	0.89	0.52	0.38	0.22	0.97	0.57	ND	ND
n-Heptane	0.23	0.41	0.24	0.65	0.38	0.30	0.18	0.62	0.36	0.30	0.18
Methylcyclohexane	0.25	0.52	0.30	0.84	0.49	0.23	U 0.13	0.73	0.42	0.13	U 0.07
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.33	0.19	0.64	0.38	0.15	U 0.09	0.45	0.26	ND	ND
Toluene	0.20	3.37	1.83	3.95	2.15	1.64	0.89	2.05	1.11	0.82	0.45
2-Methylheptane	0.17	0.16	U 0.09	0.39	0.23	ND	ND	0.43	0.25	1.41	0.83
3-Methylheptane	0.20	ND	ND	0.36	0.21	ND	ND	0.51	0.30	ND	ND
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.31	0.18	0.62	0.36	0.29	0.17	0.70	0.41	0.29	0.17
Ethylbenzene	0.21	0.57	0.34	0.79	0.47	0.30	0.18	0.70	0.42	0.16	U 0.10
m-Xylene/p-Xylene	0.16	1.40	0.77	1.78	0.98	0.97	0.53	1.57	0.86	0.55	0.30
Styrene	0.20	0.22	0.12	3.15	1.69	1.09	0.58	0.86	0.46	0.52	0.28
o-Xylene	0.19	0.72	0.40	0.91	0.50	0.34	0.19	0.72	0.39	0.19	U 0.10
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.27	0.16	0.49	0.29	0.19	0.11	0.54	0.32	ND	ND
Isopropylbenzene	0.18	0.27	0.15	0.40	0.22	0.16	U 0.09	0.71	0.39	0.20	0.11
a-Pinene	0.18	0.64	0.36	1.44	0.81	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.17	U 0.09	0.49	0.27	0.19	U 0.11	0.56	0.31	ND	ND
m-Ethyltoluene	0.15	0.33	0.18	0.63	0.34	0.32	0.17	0.66	0.37	0.27	0.15
p-Ethyltoluene	0.19	0.22	0.12	0.55	0.30	0.28	0.15	0.79	0.43	0.20	0.11
1,3,5-Trimethylbenzene	0.18	0.30	0.17	0.51	0.28	0.21	0.11	0.61	0.33	0.18	U 0.10
o-Ethyltoluene	0.22	0.20	U 0.11	0.57	0.31	0.18	U 0.10	0.64	0.35	ND	ND
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.77	0.42	1.12	0.62	0.65	0.36	1.17	0.64	0.38	0.21
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.26	0.15	0.60	0.35	0.18	U 0.10	0.66	0.39	0.15	U 0.09
1,2,3-Trimethylbenzene	0.19	ND	ND	0.69	0.38	ND	ND	1.76	0.97	ND	ND
m-Diethylbenzene	0.20	1.43	0.79	1.61	0.89	1.63	0.90	1.88	1.04	1.13	0.62
p-Diethylbenzene	0.22	1.12	0.62	1.24	0.68	1.49	0.83	2.03	1.13	0.56	0.31
1-Undecene	0.22	0.21	U 0.12	0.22	U 0.13	0.18	U 0.10	ND	ND	0.10	U 0.05
n-Undecane	0.24	0.61	0.36	0.87	0.51	0.42	0.25	0.85	0.50	0.47	0.27
1-Dodecene	0.24	0.39	U 0.23	0.52	0.30	0.33	U 0.19	0.23	U 0.13	0.36	U 0.21
n-Dodecane	0.49	0.38	U 0.22	0.68	0.40	0.45	U 0.27	0.84	0.49	0.31	U 0.18
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	0.20	U 0.12	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		54.32	31.69	78.63	45.58	44.08	25.74	69.86	40.57	33.43	19.62
TNMOC, ppbC (w/ unknowns)		373.12	373.12	275.76	275.76	485.06	485.06	459.34	459.34	289.63	289.63

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 36535		CUSD 36659		CUSD 36764		CUSD 36861		CUSD 36875	
Sampling Date:		11/5/2003		11/11/2003		11/17/2003		11/23/2003		11/29/2003	
Analysis Date:		12/2/2003		12/2/2003		12/9/2003		12/11/2003		12/15/2003	
Filename:		L3LA027		L3LA020		L3LH013		L3LJ017		L3LO007	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	8.61	4.98	2.46	1.43	2.94	1.70	1.97	1.14	2.06	1.19
Acetylene	0.11	9.14	4.91	2.49	1.34	3.41	1.83	1.79	0.96	2.02	1.09
Ethane	0.17	11.68	7.24	10.62	6.59	7.88	4.89	5.47	3.39	5.22	3.24
Propylene	0.11	3.85	2.23	1.13	0.65	1.06	0.61	0.53	0.31	0.75	0.44
Propane	0.19	73.80	44.75	28.36	17.20	11.59	7.03	12.18	7.39	17.02	10.32
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.74	1.64	2.57	1.54	2.22	1.33	1.34	0.80	1.46	0.88
Isobutene/1-Butene	0.17	2.57	1.48	6.23	3.60	1.10	0.64	0.45	0.26	0.55	0.32
1,3-Butadiene	0.17	0.66	0.37	0.16	U	0.09	0.17	ND	ND	0.12	U
n-Butane	0.17	5.43	3.26	4.13	2.47	7.57	4.54	2.09	1.25	NR	NR
trans-2-Butene	0.17	0.64	0.37	0.60	0.35	0.25	0.14	ND	ND	ND	ND
cis-2-Butene	0.16	0.70	0.41	0.45	0.26	0.21	0.12	ND	ND	ND	ND
3-Methyl-1-butene	0.16	0.19	U	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	6.42	3.82	3.22	1.92	4.15	2.47	1.29	0.77	1.48	0.88
1-Pentene	0.20	0.54	0.31	0.30	0.17	1.18	0.69	NR	NR	5.46	3.16
2-Methyl-1-butene	0.20	0.59	0.34	0.15	U	0.09	0.16	ND	ND	ND	ND
n-Pentane	0.19	4.51	2.69	2.37	1.41	1.85	1.10	1.11	0.66	1.06	0.63
Isoprene	0.20	0.65	0.37	0.38	0.21	0.20	U	ND	ND	4.90	2.75
trans-2-Pentene	0.21	0.77	0.46	0.37	0.22	0.28	0.17	ND	ND	0.12	U
cis-2-Pentene	0.22	0.58	0.35	0.34	0.20	0.13	U	ND	ND	ND	ND
2-Methyl-2-butene	0.22	1.14	0.66	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.85	0.50	0.54	0.32	0.24	0.14	ND	ND	0.14	U
Cyclopentene	0.20	0.27	0.15	0.32	0.18	0.26	0.14	0.26	0.15	0.23	0.13
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	0.13	U	ND	ND	0.16	U
Cyclopentane	0.20	0.64	0.37	0.36	0.21	0.17	U	0.08	U	ND	ND
2,3-Dimethylbutane	0.20	1.16	0.69	0.60	0.36	0.29	0.17	0.13	U	0.47	0.28
2-Methylpentane	0.13	4.10	2.43	1.87	1.11	2.28	1.35	0.95	0.56	3.44	2.04
3-Methylpentane	0.22	2.57	1.52	1.13	0.67	1.39	0.82	1.01	0.60	4.76	2.82
2-Methyl-1-pentene	0.22	0.16	U	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.78	0.46	0.49	0.29	0.17	U	ND	ND	0.14	U
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.02	1.79	1.45	0.86	10.98	6.50	1.20	0.71	8.43	4.99
trans-2-Hexene	0.21	0.19	U	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	0.16	U	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.72	1.00	0.86	0.50	1.21	0.70	0.63	0.36	2.57	1.49
2,4-Dimethylpentane	0.22	1.09	0.55	0.51	0.26	0.20	U	ND	ND	0.17	U
Benzene	0.18	5.56	2.99	1.84	0.99	1.35	0.73	1.20	0.64	1.46	0.79
Cyclohexane	0.16	0.89	0.51	0.74	0.43	0.19	0.11	0.17	0.10	0.20	0.12
2-Methylhexane	0.21	1.52	0.90	0.86	0.51	0.93	0.55	ND	ND	0.13	U
2,3-Dimethylpentane	0.28	2.12	1.25	0.83	0.49	0.26	U	0.19	U	0.11	0.43
3-Methylhexane	0.17	2.23	1.32	0.63	0.37	0.33	0.19	0.31	0.18	0.72	0.43
1-Heptene	0.17	0.32	0.18	ND	ND	0.18	U	0.14	U	0.08	0.13
2,2,4-Trimethylpentane	0.19	2.50	1.47	0.85	0.50	0.62	0.36	0.33	0.19	0.43	0.25
n-Heptane	0.23	1.47	0.87	0.68	0.40	0.40	0.24	0.21	U	0.12	0.26
Methylcyclohexane	0.25	0.91	0.53	0.87	0.50	0.50	0.29	0.20	U	0.11	0.30
2,2,3-Trimethylpentane	0.25	0.52	0.31	ND	ND	0.16	U	0.09	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.87	0.51	0.32	0.19	0.23	0.14	0.16	U	0.09	0.13
Toluene	0.20	8.31	4.51	2.61	1.42	2.71	1.47	1.55	0.84	3.95	2.14
2-Methylheptane	0.17	0.57	0.33	0.24	0.14	0.12	U	ND	ND	ND	ND
3-Methylheptane	0.20	0.75	0.44	0.35	0.21	ND	ND	ND	ND	ND	ND
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.83	0.49	0.54	0.32	0.22	0.13	0.20	U	0.12	0.17
Ethylbenzene	0.21	1.52	0.91	0.57	0.34	0.39	0.23	0.22	0.13	0.37	0.22
m-Xylene/p-Xylene	0.16	4.45	2.44	1.47	0.80	1.20	0.66	0.55	0.30	1.02	0.56
Styrene	0.20	0.63	0.34	0.39	0.21	1.08	0.58	2.05	1.10	1.83	0.98
o-Xylene	0.19	1.75	0.96	0.66	0.36	0.48	0.26	0.27	0.15	0.41	0.22
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.49	0.29	0.43	0.26	0.20	0.12	0.12	0.07	0.13	0.08
Isopropylbenzene	0.18	0.43	0.24	0.35	0.19	ND	ND	ND	ND	ND	ND
a-Pinene	0.18	0.23	U	0.31	0.17	0.85	0.47	0.28	0.16	0.39	0.22
n-Propylbenzene	0.21	0.58	0.32	0.44	0.24	0.14	U	0.13	U	0.15	U
m-Ethyltoluene	0.15	1.25	0.69	0.52	0.29	0.37	0.20	0.24	0.13	0.32	0.18
p-Ethyltoluene	0.19	0.74	0.41	0.46	0.26	0.19	U	0.28	0.15	0.23	0.13
1,3,5-Trimethylbenzene	0.18	0.66	0.36	0.38	0.21	0.22	0.12	0.13	U	0.19	0.10
o-Ethyltoluene	0.22	0.67	0.37	0.36	0.20	0.19	U	ND	ND	0.17	U
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.52	0.84	0.89	0.49	0.72	0.40	0.31	0.17	0.53	0.29
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.47	0.28	0.45	0.26	0.27	0.16	0.16	U	0.09	0.23
1,2,3-Trimethylbenzene	0.19	1.12	0.62	0.36	0.20	0.21	0.11	ND	ND	0.15	U
m-Diethylbenzene	0.20	0.58	0.32	1.49	0.82	0.53	0.29	0.93	0.51	0.13	U
p-Diethylbenzene	0.22	0.72	0.40	1.54	0.85	1.28	0.71	1.04	0.57	0.12	U
1-Undecene	0.22	ND	ND	ND	ND	0.17	U	ND	ND	ND	ND
n-Undecane	0.24	0.46	0.27	0.68	0.40	0.43	0.25	0.22	U	0.13	0.39
1-Dodecene	0.24	ND	ND	0.20	U	0.13	U	0.25	U	0.15	ND
n-Dodecane	0.49	0.44	U	0.53	0.31	0.43	U	0.26	U	0.15	0.37
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		200.01	117.56	98.28	57.93	81.30	47.74	44.55	26.15	78.16	45.71
TNMOC, ppbC (w/ unknowns)		324.36	324.36	295.54	295.54	303.27	303.27	238.28	238.28	260.72	260.72

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Custer, SD (CUSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		CUSD 37023		CUSD 37096		CUSD 37153		CUSD 37223		CUSD 37348	
Sampling Date:		12/5/2003		12/11/2003		12/17/2003		12/23/2003		12/29/2003	
Analysis Date:		12/30/2003		1/1/2004		1/6/2004		1/9/2004		1/13/2004	
Filename:		L3L#015		L3L#019		L4AE021		L4AH015		L4AM010	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	3.45	1.99	7.70	4.45	1.67	0.97	7.65	4.42	3.86	2.24
Acetylene	0.11	3.49	1.87	6.31	3.39	1.75	0.94	6.30	3.38	3.81	2.05
Ethane	0.17	6.17	3.83	9.02	5.59	5.41	3.36	8.92	5.53	8.14	5.05
Propylene	0.11	1.36	0.79	3.11	1.80	0.57	0.33	3.08	1.78	1.47	0.85
Propane	0.19	29.21	17.71	68.78	41.71	14.48	8.78	78.14	47.39	44.32	26.87
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.93	1.15	2.59	1.55	1.17	0.70	3.31	1.98	2.55	1.53
Isobutene/1-Butene	0.17	1.27	0.73	2.28	1.32	0.57	0.33	2.09	1.21	1.21	0.70
1,3-Butadiene	0.17	0.28	0.15	0.64	0.36	ND	ND	0.59	0.33	0.27	0.15
n-Butane	0.17	3.87	2.32	4.08	2.45	1.95	1.17	5.11	3.06	3.98	2.39
trans-2-Butene	0.17	0.48	0.28	0.40	0.23	ND	ND	0.41	0.24	0.52	0.30
cis-2-Butene	0.16	0.29	0.17	0.42	0.24	ND	ND	0.44	0.25	0.26	0.15
3-Methyl-1-butene	0.16	ND	ND	0.13	U 0.07	ND	ND	0.16	U 0.09	ND	ND
Isopentane	0.19	3.83	2.28	4.18	2.49	1.17	0.69	NR	NR	3.17	1.89
1-Pentene	0.20	0.22	0.13	0.27	0.16	0.13	U 0.08	0.21	0.12	0.16	U 0.09
2-Methyl-1-butene	0.20	0.29	0.17	0.44	0.26	ND	ND	0.44	0.25	0.26	0.15
n-Pentane	0.19	2.21	1.32	2.65	1.58	1.04	0.62	2.82	1.68	2.11	1.25
Isoprene	0.20	0.19	U 0.11	0.30	0.17	ND	ND	0.33	0.19	0.15	U 0.09
trans-2-Pentene	0.21	0.34	0.20	0.42	0.25	ND	ND	0.47	0.28	0.27	0.16
cis-2-Pentene	0.22	0.17	U 0.10	0.22	U 0.13	ND	ND	0.26	0.16	0.16	U 0.10
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.24	0.14	0.35	0.21	0.18	U 0.11	0.27	0.16	ND	ND
Cyclopentene	0.20	0.21	U 0.12	0.20	U 0.11	0.23	0.13	0.25	0.14	0.18	U 0.10
4-Methyl-1-pentene	0.20	ND	ND	0.14	U 0.08	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.20	U 0.11	0.26	0.15	ND	ND	0.30	0.17	0.19	U 0.11
2,3-Dimethylbutane	0.20	0.35	0.21	0.44	0.26	0.13	U 0.08	0.50	0.30	0.30	0.18
2-Methylpentane	0.13	1.39	0.82	3.75	2.22	0.85	0.50	3.75	2.22	1.57	0.93
3-Methylpentane	0.22	1.15	0.68	1.97	1.17	0.49	0.29	1.46	0.87	1.06	0.63
2-Methyl-1-pentene	0.22	ND	ND	0.18	U 0.11	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.15	U 0.09	0.23	U 0.14	0.23	U 0.14	0.22	U 0.13	0.14	U 0.08
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.46	0.87	3.35	1.98	0.90	0.53	1.70	1.01	1.82	1.08
trans-2-Hexene	0.21	ND	ND	0.16	U 0.09	ND	ND	0.12	U 0.07	ND	ND
cis-2-Hexene	0.21	ND	ND	0.12	U 0.07	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.68	0.40	1.38	0.80	0.48	0.28	1.05	0.60	0.84	0.48
2,4-Dimethylpentane	0.22	0.29	0.15	0.51	0.26	0.15	U 0.08	0.46	0.23	0.31	0.16
Benzene	0.18	2.25	1.21	3.98	2.14	1.17	0.63	3.94	2.12	2.54	1.37
Cyclohexane	0.16	0.23	0.13	0.26	0.15	0.18	0.10	0.26	0.15	0.28	0.16
2-Methylhexane	0.21	0.65	0.38	1.55	0.91	ND	ND	0.97	0.57	0.34	0.20
2,3-Dimethylpentane	0.28	0.61	0.36	0.80	0.47	ND	ND	0.62	0.37	0.46	0.27
3-Methylhexane	0.17	0.70	0.41	0.93	0.55	ND	ND	0.78	0.46	1.27	0.75
1-Heptene	0.17	0.17	U 0.10	ND	ND	0.15	U 0.09	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.97	0.57	2.68	1.58	0.27	0.16	1.91	1.12	0.91	0.53
n-Heptane	0.23	0.44	0.26	0.79	0.47	0.30	0.17	0.81	0.48	0.51	0.30
Methylcyclohexane	0.25	0.21	U 0.12	0.44	0.26	0.27	0.16	0.66	0.38	0.40	0.23
2,2,3-Trimethylpentane	0.25	0.17	U 0.10	ND	ND	ND	ND	0.40	0.24	0.21	U 0.12
2,3,4-Trimethylpentane	0.20	0.25	0.15	0.42	0.25	0.23	0.14	0.39	0.23	0.22	0.13
Toluene	0.20	3.32	1.80	5.92	3.21	1.43	0.78	5.69	3.09	3.13	1.70
2-Methylheptane	0.17	0.18	0.10	0.37	0.22	ND	ND	0.31	0.18	0.18	0.11
3-Methylheptane	0.20	0.20	0.12	0.31	0.18	ND	ND	0.36	0.21	0.22	0.13
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.36	0.21	0.43	0.25	0.41	0.24	0.48	0.28	0.48	0.29
Ethylbenzene	0.21	0.51	0.31	0.97	0.58	0.44	0.26	1.03	0.62	0.51	0.30
m-Xylene/p-Xylene	0.16	1.58	0.87	3.19	1.75	0.87	0.48	3.34	1.83	1.59	0.87
Styrene	0.20	0.31	0.17	0.54	0.29	1.73	0.93	0.96	0.51	0.25	0.13
o-Xylene	0.19	0.59	0.33	1.14	0.62	0.37	0.20	1.19	0.65	0.57	0.31
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.19	0.11	0.20	0.12	0.27	0.16	0.34	0.20	0.33	0.19
Isopropylbenzene	0.18	ND	ND	ND	ND	0.31	0.17	0.12	U 0.07	ND	ND
a-Pinene	0.18	0.50	0.28	0.31	0.17	ND	ND	0.65	0.36	0.27	0.15
n-Propylbenzene	0.21	0.16	U 0.09	0.33	0.18	0.40	0.22	0.33	0.18	0.12	U 0.07
m-Ethyltoluene	0.15	0.52	0.29	0.89	0.49	0.40	0.22	0.86	0.47	0.43	0.24
p-Ethyltoluene	0.19	0.23	0.13	0.37	0.20	0.64	0.35	0.47	0.26	0.26	0.14
1,3,5-Trimethylbenzene	0.18	0.26	0.14	0.40	0.22	0.29	0.16	0.48	0.27	0.25	0.14
o-Ethyltoluene	0.22	0.16	U 0.09	0.28	0.16	0.33	0.18	0.36	0.20	0.17	U 0.09
b-Pinene	0.22	ND	ND	ND	ND	2.00	1.12	0.51	0.29	0.41	0.23
1,2,4-Trimethylbenzene	0.21	0.55	0.30	1.14	0.63	0.57	0.31	1.23	0.68	0.67	0.37
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.17	U 0.10	0.32	0.19	0.32	0.18	0.18	U 0.11	0.26	0.15
1,2,3-Trimethylbenzene	0.19	ND	ND	0.12	U 0.07	ND	ND	0.15	U 0.08	ND	ND
m-Diethylbenzene	0.20	0.53	0.29	0.33	0.18	1.07	0.59	0.38	0.21	0.41	0.23
p-Diethylbenzene	0.22	0.75	0.41	0.78	0.43	1.40	0.77	0.97	0.54	0.94	0.52
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.23	U 0.14	0.40	0.23	0.49	0.29	0.28	0.17	0.30	0.18
1-Dodecene	0.24	ND	ND	ND	ND	0.30	U 0.18	ND	ND	ND	ND
n-Dodecane	0.49	0.21	U 0.12	0.21	U 0.12	0.39	U 0.23	0.21	U 0.12	0.28	U 0.16
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	0.12	U 0.07	ND	ND	ND	ND
TNMOC (speciated)		83.31	49.08	157.71	93.09	50.67	29.65	162.40	95.94	102.22	60.51
TNMOC, ppbC (w/ unknowns)		223.25	223.25	382.78	382.78	306.20	306.20	485.56	485.56	292.14	292.14

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Detroit, MI E7 Mile (E7MI) 2003 UAMTP SNMOC Final Data Report

Sample No.:		E7MI 33762			E7MI 33763			E7MI 34140		
Sampling Date:		6/8/2003			6/14/2003			6/20/2003		
Analysis Date:					7/1/2003			7/11/2003		
Filename:		VOID			L3FS014			L3GJ016		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15				8.82	4.41	5.10	3.68	1.84	2.13
Acetylene	0.11				6.42	3.21	3.45	2.65	1.33	1.42
Ethane	0.17				32.49	16.25	20.15	7.55	3.77	4.68
Propylene	0.11				3.40	1.13	1.97	1.85	0.62	1.07
Propane	0.19				18.48	6.16	11.21	4.91	1.64	2.98
Propyne	0.19				ND	ND	ND	ND	ND	ND
Isobutane	0.14				7.03	1.76	4.22	2.13	0.53	1.27
Isobutene/1-Butene	0.17				2.43	0.61	1.41	1.99	0.50	1.15
1,3-Butadiene	0.17				0.57	0.14	0.32	0.21	0.05	0.12
n-Butane	0.17				10.96	2.74	6.57	3.37	0.84	2.02
trans-2-Butene	0.17				0.44	0.11	0.25	0.97	0.24	0.56
cis-2-Butene	0.16				0.50	0.12	0.29	1.16	0.29	0.67
3-Methyl-1-butene	0.16				0.60	0.12	0.34	ND	ND	ND
Isopentane	0.19				20.99	4.20	12.49	6.78	1.36	4.04
1-Pentene	0.20				1.26	0.25	0.73	1.46	0.29	0.85
2-Methyl-1-butene	0.20				1.02	0.20	0.59	0.26	0.05	0.15
n-Pentane	0.19				8.77	1.75	5.22	2.75	0.55	1.64
Isoprene	0.20				1.05	0.21	0.59	1.77	0.35	0.99
trans-2-Pentene	0.21				1.70	0.34	1.01	1.19	0.24	0.71
cis-2-Pentene	0.22				0.79	0.16	0.47	1.25	0.25	0.74
2-Methyl-2-butene	0.22				1.41	0.28	0.82	0.33	0.07	0.19
2,2-Dimethylbutane	0.20				1.63	0.27	0.97	1.61	0.27	0.95
Cyclopentene	0.20				0.37	0.07	0.21	0.21	U	0.04
4-Methyl-1-pentene	0.20				0.36	0.06	0.21	0.61	0.10	0.35
Cyclopentane	0.20				1.17	0.23	0.68	1.09	0.22	0.63
2,3-Dimethylbutane	0.20				2.30	0.38	1.36	2.02	0.34	1.20
2-Methylpentane	0.13				6.88	1.15	4.07	2.20	0.37	1.30
3-Methylpentane	0.22				5.90	0.98	3.50	3.28	0.55	1.94
2-Methyl-1-pentene	0.22				0.23	U	0.04	U	0.14	ND
1-Hexene	0.32				0.70	0.12	0.41	2.04	0.34	1.21
2-Ethyl-1-butene	0.22				ND	ND	ND	ND	ND	ND
n-Hexane	0.21				4.57	0.76	2.71	2.19	0.36	1.30
trans-2-Hexene	0.21				0.25	U	0.04	U	0.15	ND
cis-2-Hexene	0.21				0.16	U	0.03	U	0.09	ND
Methylcyclopentane	0.21				2.95	0.49	1.70	1.58	0.26	0.91
2,4-Dimethylpentane	0.22				1.42	0.20	0.72	1.65	0.24	0.84
Benzene	0.18				6.16	1.03	3.31	2.52	0.42	1.35
Cyclohexane	0.16				2.63	0.44	1.52	2.22	0.37	1.28
2-Methylhexane	0.21				3.02	0.43	1.78	1.96	0.28	1.16
2,3-Dimethylpentane	0.28				1.90	0.27	1.12	2.22	0.32	1.31
3-Methylhexane	0.17				0.74	0.11	0.44	ND	ND	ND
1-Heptene	0.17				ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19				4.57	0.57	2.69	1.99	0.25	1.17
n-Heptane	0.23				1.97	0.28	1.16	1.48	0.21	0.87
Methylcyclohexane	0.25				1.61	0.23	0.93	1.66	0.24	0.96
2,2,3-Trimethylpentane	0.25				0.89	0.11	0.53	0.17	U	0.02
2,3,4-Trimethylpentane	0.20				1.75	0.22	1.03	1.23	0.15	0.72
Toluene	0.20				16.64	2.38	9.04	6.04	0.86	3.28
2-Methylheptane	0.17				1.05	0.13	0.62	1.08	0.13	0.63
3-Methylheptane	0.20				1.18	0.15	0.70	1.07	0.13	0.63
1-Octene	0.20				ND	ND	ND	ND	ND	ND
n-Octane	0.21				0.87	0.11	0.51	1.18	0.15	0.70
Ethylbenzene	0.21				2.38	0.30	1.42	1.45	0.18	0.87
m-Xylene/p-Xylene	0.16				7.39	0.92	4.05	3.71	0.46	2.03
Styrene	0.20				0.60	0.08	0.32	0.92	0.11	0.49
o-Xylene	0.19				2.67	0.33	1.46	1.43	0.18	0.78
1-Nonene	0.19				0.25	0.03	0.14	ND	ND	ND
n-Nonane	0.11				0.78	0.09	0.46	0.92	0.10	0.54
Isopropylbenzene	0.18				0.33	0.04	0.18	0.90	0.10	0.49
a-Pinene	0.18				1.58	0.16	0.89	0.51	0.05	0.28
n-Propylbenzene	0.21				0.81	0.09	0.45	0.81	0.09	0.45
m-Ethyltoluene	0.15				2.20	0.24	1.21	1.04	0.12	0.57
p-Ethyltoluene	0.19				1.22	0.14	0.67	1.11	0.12	0.61
1,3,5-Trimethylbenzene	0.18				1.37	0.15	0.75	0.98	0.11	0.54
o-Ethyltoluene	0.22				1.80	0.20	0.99	1.28	0.14	0.70
b-Pinene	0.22				0.28	0.03	0.16	ND	ND	ND
1,2,4-Trimethylbenzene	0.21				3.37	0.37	1.86	1.84	0.20	1.01
1-Decene	0.21				ND	ND	ND	ND	ND	ND
n-Decane	0.25				5.72	0.57	3.36	4.31	0.43	2.53
1,2,3-Trimethylbenzene	0.19				0.99	0.11	0.55	0.87	0.10	0.48
m-Diethylbenzene	0.20				0.39	0.04	0.22	0.85	0.09	0.47
p-Diethylbenzene	0.22				0.36	0.04	0.20	0.53	0.05	0.29
1-Undecene	0.22				0.17	U	0.02	U	0.10	ND
n-Undecane	0.24				0.91	0.08	0.53	1.08	0.10	0.63
1-Dodecene	0.24				0.88	0.07	0.51	0.16	U	0.01
n-Dodecane	0.49				1.00	0.08	0.58	1.30	0.11	0.76
1-Tridecene	0.49				ND	ND	ND	ND	ND	ND
n-Tridecane	0.49				0.44	U	0.03	U	0.26	0.13
TNMOC (speciated)					240.87	59.65	140.82	115.75	24.31	67.09
TNMOC, ppbC (w/ unknowns)					349.62	349.62	349.62	201.57	201.57	201.57

U Under detection limit.
NR Not reported due to co-eluting compound.

Detroit, MI E7 Mile (E7MI) 2003 UAMTP SNMOC Final Data Report

Sample No.:		E7MI 34141			E7MI 34223			E7MI 34370		
Sampling Date:		6/26/2003			7/2/2003			7/8/2003		
Analysis Date:		7/11/2003						7/24/2003		
Filename:		L2GJ017			VOID			L3GX009		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.88	1.44	1.67				3.39	1.70	1.96
Acetylene	0.11	2.40	1.20	1.29				2.40	1.20	1.29
Ethane	0.17	8.14	4.07	5.05				10.83	5.41	6.72
Propylene	0.11	1.68	0.56	0.97				1.48	0.49	0.86
Propane	0.19	7.24	2.41	4.39				7.05	2.35	4.27
Propyne	0.19	ND	ND	ND				ND	ND	ND
Isobutane	0.14	4.83	1.21	2.90				2.40	0.60	1.44
Isobutene/1-Butene	0.17	2.28	0.57	1.32				1.19	0.30	0.69
1,3-Butadiene	0.17	ND	ND	ND				0.17	0.04	0.10
n-Butane	0.17	5.19	1.30	3.11				4.49	1.12	2.69
trans-2-Butene	0.17	1.15	0.29	0.66				0.12	U	0.03
cis-2-Butene	0.16	1.63	0.41	0.94				0.13	U	0.03
3-Methyl-1-butene	0.16	ND	ND	ND				0.30	0.06	0.17
Isopentane	0.19	7.51	1.50	4.47				9.66	1.93	5.75
1-Pentene	0.20	1.81	0.36	1.05				1.67	0.33	0.97
2-Methyl-1-butene	0.20	0.16	U	0.03	U	0.10		0.45	0.09	0.26
n-Pentane	0.19	3.54	0.71	2.11				4.03	0.81	2.40
Isoprene	0.20	2.53	0.51	1.42				1.18	0.24	0.66
trans-2-Pentene	0.21	1.26	0.25	0.75				0.44	0.09	0.26
cis-2-Pentene	0.22	1.61	0.32	0.96				0.20	U	0.04
2-Methyl-2-butene	0.22	ND	ND	ND				0.20	U	0.04
2,2-Dimethylbutane	0.20	2.15	0.36	1.28				0.58	0.10	0.34
Cyclopentene	0.20	ND	ND	ND				ND	ND	ND
4-Methyl-1-pentene	0.20	0.39	0.07	0.23				ND	ND	ND
Cyclopentane	0.20	1.34	0.27	0.77				0.57	0.11	0.33
2,3-Dimethylbutane	0.20	2.75	0.46	1.63				0.83	0.14	0.49
2-Methylpentane	0.13	2.78	0.46	1.65				2.87	0.48	1.70
3-Methylpentane	0.22	4.42	0.74	2.62				1.51	0.25	0.89
2-Methyl-1-pentene	0.22	ND	ND	ND				ND	ND	ND
1-Hexene	0.32	2.72	0.45	1.61				0.22	U	0.04
2-Ethyl-1-butene	0.22	ND	ND	ND				ND	ND	ND
n-Hexane	0.21	2.82	0.47	1.67				1.83	0.31	1.09
trans-2-Hexene	0.21	ND	ND	ND				ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND				ND	ND	ND
Methylcyclopentane	0.21	1.94	0.32	1.12				1.21	0.20	0.70
2,4-Dimethylpentane	0.22	2.11	0.30	1.07				0.46	0.07	0.24
Benzene	0.18	3.09	0.51	1.66				2.75	0.46	1.48
Cyclohexane	0.16	2.40	0.40	1.39				0.78	0.13	0.45
2-Methylhexane	0.21	2.40	0.34	1.42				1.90	0.27	1.12
2,3-Dimethylpentane	0.28	3.02	0.43	1.78				1.15	0.16	0.68
3-Methylhexane	0.17	ND	ND	ND				ND	ND	ND
1-Heptene	0.17	ND	ND	ND				ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.46	0.31	1.45				1.69	0.21	0.99
n-Heptane	0.23	1.91	0.27	1.13				0.87	0.12	0.51
Methylcyclohexane	0.25	2.05	0.29	1.19				0.50	0.07	0.29
2,2,3-Trimethylpentane	0.25	0.17	U	0.02	U	0.10		0.30	0.04	0.17
2,3,4-Trimethylpentane	0.20	1.55	0.19	0.91				0.64	0.08	0.38
Toluene	0.20	7.98	1.14	4.33				7.40	1.06	4.02
2-Methylheptane	0.17	1.32	0.16	0.77				0.40	0.05	0.24
3-Methylheptane	0.20	1.34	0.17	0.79				0.36	0.04	0.21
1-Octene	0.20	ND	ND	ND				ND	ND	ND
n-Octane	0.21	1.39	0.17	0.82				0.55	0.07	0.33
Ethylbenzene	0.21	1.89	0.24	1.13				1.04	0.13	0.63
m-Xylene/p-Xylene	0.16	4.13	0.52	2.26				3.37	0.42	1.85
Styrene	0.20	1.24	0.16	0.67				0.28	0.03	0.15
o-Xylene	0.19	1.71	0.21	0.93				1.23	0.15	0.67
1-Nonene	0.19	ND	ND	ND				ND	ND	ND
n-Nonane	0.11	1.09	0.12	0.64				0.51	0.06	0.30
Isopropylbenzene	0.18	1.18	0.13	0.65				0.13	U	0.01
a-Pinene	0.18	0.90	0.09	0.51				1.38	0.14	0.78
n-Propylbenzene	0.21	1.14	0.13	0.63				0.50	0.06	0.27
m-Ethyltoluene	0.15	1.32	0.15	0.72				0.98	0.11	0.54
p-Ethyltoluene	0.19	1.43	0.16	0.79				0.64	0.07	0.35
1,3,5-Trimethylbenzene	0.18	1.07	0.12	0.59				0.75	0.08	0.41
o-Ethyltoluene	0.22	1.40	0.16	0.77				0.91	0.10	0.50
b-Pinene	0.22	0.27	0.03	0.15				0.26	0.03	0.15
1,2,4-Trimethylbenzene	0.21	2.03	0.23	1.12				2.26	0.25	1.25
1-Decene	0.21	ND	ND	ND				ND	ND	ND
n-Decane	0.25	1.94	0.19	1.14				0.85	0.08	0.50
1,2,3-Trimethylbenzene	0.19	1.04	0.12	0.57				0.72	0.08	0.39
m-Diethylbenzene	0.20	1.16	0.12	0.64				0.21	0.02	0.11
p-Diethylbenzene	0.22	0.73	0.07	0.40				ND	ND	ND
1-Undecene	0.22	ND	ND	ND				ND	ND	ND
n-Undecane	0.24	1.38	0.13	0.81				1.06	0.10	0.62
1-Dodecene	0.24	0.61	0.05	0.35				ND	ND	ND
n-Dodecane	0.49	1.55	0.13	0.91				1.18	0.10	0.69
1-Tridecene	0.49	ND	ND	ND				ND	ND	ND
n-Tridecane	0.49	0.25	U	0.02	U	0.14		0.57	0.04	0.33
TNMOC (speciated)		139.79	28.71	81.08				99.96	23.43	58.21
TNMOC, ppbC (w/ unknowns)		184.45	184.45	184.45				217.26	217.26	217.26

U Under detection limit.
NR Not reported due to co-eluting compound.

Detroit, MI E7 Mile (E7MI) 2003 UAMTP SNMOC Final Data Report

Sample No.:		E7MI 34371			E7MI 34547			E7MI 34709		
Sampling Date:		7/14/2003			7/20/2003			7/26/2003		
Analysis Date:		7/24/2003			7/24/2003			8/9/2003		
Filename:		L3GX010			L3GX011			L3HI010		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	6.85	3.43	3.97	7.25	3.62	4.19	3.34	1.67	1.93
Acetylene	0.11	5.27	2.64	2.83	5.50	2.75	2.96	2.46	1.23	1.32
Ethane	0.17	23.13	11.57	14.35	23.39	11.69	14.51	12.85	6.42	7.97
Propylene	0.11	2.82	0.94	1.63	3.05	1.02	1.76	1.57	0.52	0.91
Propane	0.19	12.44	4.15	7.54	11.66	3.89	7.07	8.23	2.74	4.99
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	4.92	1.23	2.95	4.37	1.09	2.62	2.34	0.58	1.40
Isobutene/1-Butene	0.17	1.95	0.49	1.13	3.03	0.76	1.75	1.54	0.38	0.89
1,3-Butadiene	0.17	0.44	0.11	0.24	0.50	0.13	0.28	0.16	U	0.04
n-Butane	0.17	8.34	2.09	5.00	8.18	2.04	4.90	4.49	1.12	2.69
trans-2-Butene	0.17	0.30	0.08	0.17	0.27	0.07	0.16	0.17	U	0.04
cis-2-Butene	0.16	0.34	0.09	0.20	0.35	0.09	0.20	0.13	U	0.03
3-Methyl-1-butene	0.16	0.44	0.09	0.25	0.45	0.09	0.26	ND	ND	ND
Isopentane	0.19	21.07	4.21	12.54	20.05	4.01	11.93	11.34	2.27	6.75
1-Pentene	0.20	1.65	0.33	0.95	2.08	0.42	1.20	0.64	0.13	0.37
2-Methyl-1-butene	0.20	1.17	0.23	0.68	1.28	0.26	0.74	0.37	0.07	0.21
n-Pentane	0.19	8.48	1.70	5.05	7.92	1.58	4.72	4.36	0.87	2.60
Isoprene	0.20	1.05	0.21	0.59	0.93	0.19	0.52	0.45	0.09	0.26
trans-2-Pentene	0.21	1.11	0.22	0.66	1.05	0.21	0.63	0.45	0.09	0.27
cis-2-Pentene	0.22	0.58	0.12	0.35	0.54	0.11	0.32	0.21	U	0.04
2-Methyl-2-butene	0.22	1.09	0.22	0.63	1.03	0.21	0.60	0.24	0.05	0.14
2,2-Dimethylbutane	0.20	1.57	0.26	0.93	1.34	0.22	0.79	0.60	0.10	0.36
Cyclopentene	0.20	0.28	0.06	0.15	0.22	0.04	0.13	0.13	U	0.03
4-Methyl-1-pentene	0.20	0.35	0.06	0.20	0.65	0.11	0.37	0.27	U	0.05
Cyclopentane	0.20	1.03	0.21	0.60	0.95	0.19	0.55	0.56	0.11	0.33
2,3-Dimethylbutane	0.20	2.10	0.35	1.24	2.02	0.34	1.20	0.82	0.14	0.48
2-Methylpentane	0.13	7.13	1.19	4.22	6.70	1.12	3.97	2.88	0.48	1.71
3-Methylpentane	0.22	4.30	0.72	2.55	4.05	0.68	2.40	2.49	0.41	1.47
2-Methyl-1-pentene	0.22	0.21	U	0.03	U	0.04	U	0.15	ND	ND
1-Hexene	0.32	0.26	U	0.04	U	0.05	U	0.18	0.25	U
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	4.39	0.73	2.60	4.46	0.74	2.64	1.79	0.30	1.06
trans-2-Hexene	0.21	0.21	U	0.03	U	0.03	U	0.10	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	0.12	U	0.02	U	0.12	U
Methylcyclopentane	0.21	2.91	0.48	1.68	2.67	0.45	1.55	1.11	0.19	0.64
2,4-Dimethylpentane	0.22	1.20	0.17	0.61	1.12	0.16	0.57	0.51	0.07	0.26
Benzene	0.18	5.87	0.98	3.15	6.16	1.03	3.31	2.44	0.41	1.31
Cyclohexane	0.16	1.72	0.29	1.00	1.10	0.18	0.64	0.69	0.12	0.40
2-Methylhexane	0.21	4.27	0.61	2.52	3.04	0.43	1.79	0.58	0.08	0.34
2,3-Dimethylpentane	0.28	2.04	0.29	1.20	2.60	0.37	1.53	0.76	0.11	0.45
3-Methylhexane	0.17	ND	ND	ND	ND	ND	ND	0.26	0.04	0.15
1-Heptene	0.17	0.65	0.09	0.37	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.56	0.44	2.10	4.02	0.50	2.37	1.84	0.23	1.08
n-Heptane	0.23	7.49	1.07	4.42	1.63	0.23	0.96	0.79	0.11	0.47
Methylcyclohexane	0.25	6.02	0.86	3.48	1.05	0.15	0.61	0.40	0.06	0.23
2,2,3-Trimethylpentane	0.25	1.43	0.18	0.84	0.86	0.11	0.51	0.23	0.03	0.14
2,3,4-Trimethylpentane	0.20	1.46	0.18	0.86	1.50	0.19	0.89	0.70	0.09	0.41
Toluene	0.20	23.57	3.37	12.80	15.59	2.23	8.47	5.88	0.84	3.19
2-Methylheptane	0.17	1.91	0.24	1.12	1.08	0.13	0.63	0.37	0.05	0.22
3-Methylheptane	0.20	1.68	0.21	0.99	0.75	0.09	0.44	0.30	0.04	0.18
1-Octene	0.20	0.17	U	0.02	U	0.10	ND	ND	ND	ND
n-Octane	0.21	2.97	0.37	1.75	0.83	0.10	0.49	0.35	0.04	0.21
Ethylbenzene	0.21	2.32	0.29	1.39	1.95	0.24	1.17	0.81	0.10	0.49
m-Xylene/p-Xylene	0.16	7.60	0.95	4.16	6.30	0.79	3.45	2.48	0.31	1.36
Styrene	0.20	0.46	0.06	0.25	0.44	0.06	0.24	0.17	U	0.02
o-Xylene	0.19	2.65	0.33	1.45	2.33	0.29	1.27	0.92	0.12	0.50
1-Nonene	0.19	ND	ND	ND	0.17	U	0.02	U	0.15	U
n-Nonane	0.11	1.42	0.16	0.83	0.61	0.07	0.36	0.40	0.04	0.23
Isopropylbenzene	0.18	0.17	U	0.02	U	0.02	U	0.10	ND	ND
a-Pinene	0.18	1.44	0.14	0.81	1.57	0.16	0.88	ND	ND	ND
n-Propylbenzene	0.21	0.61	0.07	0.33	0.64	0.07	0.35	0.22	0.02	0.12
m-Ethyltoluene	0.15	2.05	0.23	1.13	1.82	0.20	1.00	0.75	0.08	0.41
p-Ethyltoluene	0.19	1.09	0.12	0.60	1.00	0.11	0.55	0.41	0.05	0.23
1,3,5-Trimethylbenzene	0.18	1.35	0.15	0.75	1.21	0.13	0.66	0.53	0.06	0.29
o-Ethyltoluene	0.22	1.58	0.18	0.87	1.41	0.16	0.78	0.66	0.07	0.36
b-Pinene	0.22	0.24	U	0.02	U	0.03	0.17	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	3.32	0.37	1.83	3.18	0.35	1.75	1.42	0.16	0.78
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.60	0.16	0.94	1.17	0.12	0.69	NR	NR	NR
1,2,3-Trimethylbenzene	0.19	0.85	0.09	0.47	1.10	0.12	0.61	0.56	0.06	0.31
m-Diethylbenzene	0.20	0.31	0.03	0.17	0.28	0.03	0.15	0.14	U	0.01
p-Diethylbenzene	0.22	0.26	0.03	0.14	0.20	U	0.02	U	0.11	U
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.90	0.08	0.53	0.87	0.08	0.51	0.55	0.05	0.32
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.85	0.07	0.50	0.86	0.07	0.50	0.57	0.05	0.33
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	0.47	U	0.04	U	0.04	0.29	ND	ND	ND
TNMOC (speciated)		225.67	51.23	131.26	196.17	47.32	114.31	93.33	23.81	54.70
TNMOC, ppbC (w/ unknowns)		343.57	343.57	343.57	310.38	310.38	310.38	139.65	139.65	139.65

U Under detection limit.
NR Not reported due to co-eluting compound.

Detroit, MI E7 Mile (E7MI) 2003 UAMTP SNMOC Final Data Report

Sample No.:		E7MI 34788			E7MI 35025			E7MI 35024		
Sampling Date:		8/1/2003			8/7/2003			8/13/2003		
Analysis Date:		8/9/2003			8/29/2003			9/4/2003		
Filename:		L3H011			L3H014			L3IC015		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	6.63	3.32	3.84	12.23	6.11	7.07	4.35	2.18	2.52
Acetylene	0.11	5.67	2.84	3.05	11.59	5.80	6.23	3.33	1.66	1.79
Ethane	0.17	29.77	14.88	18.46	32.28	16.14	20.02	10.40	5.20	6.45
Propylene	0.11	2.81	0.94	1.63	5.83	1.94	3.37	1.90	0.63	1.10
Propane	0.19	14.51	4.84	8.80	31.86	10.62	19.32	8.69	2.90	5.27
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	5.66	1.42	3.39	11.04	2.76	6.62	3.25	0.81	1.95
Isobutene/1-Butene	0.17	2.10	0.52	1.21	2.73	0.68	1.58	1.38	0.34	0.80
1,3-Butadiene	0.17	0.43	0.11	0.24	0.89	0.22	0.50	0.27	0.07	0.15
n-Butane	0.17	9.75	2.44	5.85	14.34	3.59	8.60	5.69	1.42	3.41
trans-2-Butene	0.17	0.41	0.10	0.24	0.82	0.20	0.47	0.31	0.08	0.18
cis-2-Butene	0.16	0.36	0.09	0.21	0.96	0.24	0.56	0.39	0.10	0.22
3-Methyl-1-butene	0.16	0.47	0.09	0.27	ND	ND	ND	ND	ND	ND
Isopentane	0.19	22.13	4.43	13.18	45.10	9.02	26.85	17.45	3.49	10.39
1-Pentene	0.20	1.27	0.25	0.74	0.93	0.19	0.54	0.46	0.09	0.26
2-Methyl-1-butene	0.20	0.95	0.19	0.55	1.88	0.38	1.09	0.83	0.17	0.48
n-Pentane	0.19	9.54	1.91	5.68	61.51	12.30	36.62	4.82	0.96	2.87
Isoprene	0.20	0.89	0.18	0.50	3.28	0.66	1.84	1.41	0.28	0.79
trans-2-Pentene	0.21	1.00	0.20	0.60	1.67	0.33	0.99	0.58	0.12	0.34
cis-2-Pentene	0.22	0.58	0.12	0.35	1.02	0.20	0.60	0.35	0.07	0.21
2-Methyl-2-butene	0.22	0.51	0.10	0.30	1.83	0.37	1.06	0.69	0.14	0.40
2,2-Dimethylbutane	0.20	1.73	0.29	1.02	3.04	0.51	1.80	0.91	0.15	0.54
Cyclopentene	0.20	0.13	U 0.03	U 0.07	0.25	0.05	0.14	0.41	0.08	0.23
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.37	0.06	0.21
Cyclopentane	0.20	1.17	0.23	0.67	11.04	2.21	6.39	0.67	0.13	0.39
2,3-Dimethylbutane	0.20	2.29	0.38	1.36	3.16	0.53	1.87	1.06	0.18	0.63
2-Methylpentane	0.13	7.65	1.28	4.53	10.12	1.69	6.00	3.92	0.65	2.32
3-Methylpentane	0.22	6.17	1.03	3.65	6.84	1.14	4.05	2.02	0.34	1.19
2-Methyl-1-pentene	0.22	0.22	U 0.04	U 0.13	0.27	U 0.04	U 0.16	0.20	U 0.03	U 0.12
1-Hexene	0.32	0.47	0.08	0.28	0.64	0.11	0.38	0.46	0.08	0.27
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	8.28	1.38	4.91	7.85	1.31	4.65	2.21	0.37	1.31
trans-2-Hexene	0.21	0.38	0.06	0.22	0.22	U 0.04	U 0.13	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	0.17	U 0.03	U 0.10	ND	ND	ND
Methylcyclopentane	0.21	3.53	0.59	2.04	4.23	0.70	2.44	1.29	0.22	0.75
2,4-Dimethylpentane	0.22	1.32	0.19	0.67	1.57	0.22	0.80	0.58	0.08	0.29
Benzene	0.18	5.92	0.99	3.18	6.70	1.12	3.60	3.12	0.52	1.68
Cyclohexane	0.16	1.51	0.25	0.87	1.93	0.32	1.12	1.23	0.20	0.71
2-Methylhexane	0.21	2.50	0.36	1.48	3.49	0.50	2.06	1.61	0.23	0.95
2,3-Dimethylpentane	0.28	1.58	0.23	0.93	2.26	0.32	1.33	0.83	0.12	0.49
3-Methylhexane	0.17	ND	ND	ND	3.59	0.51	2.12	1.39	0.20	0.82
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.28	U 0.04	U 0.16
2,2,4-Trimethylpentane	0.19	4.25	0.53	2.50	4.68	0.58	2.75	1.91	0.24	1.12
n-Heptane	0.23	1.78	0.25	1.05	1.85	0.26	1.09	1.04	0.15	0.61
Methylcyclohexane	0.25	1.19	0.17	0.69	1.40	0.20	0.81	0.65	0.09	0.37
2,2,3-Trimethylpentane	0.25	0.92	0.11	0.54	0.87	0.11	0.51	0.35	0.04	0.21
2,3,4-Trimethylpentane	0.20	1.55	0.19	0.91	1.61	0.20	0.95	0.74	0.09	0.43
Toluene	0.20	14.89	2.13	8.09	15.18	2.17	8.24	8.83	1.26	4.79
2-Methylheptane	0.17	0.95	0.12	0.56	0.62	0.08	0.37	0.37	0.05	0.22
3-Methylheptane	0.20	0.94	0.12	0.55	0.73	0.09	0.43	0.41	0.05	0.24
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.91	0.11	0.54	0.85	0.11	0.50	0.55	0.07	0.33
Ethylbenzene	0.21	1.79	0.22	1.07	2.15	0.27	1.29	1.05	0.13	0.63
m-Xylene/p-Xylene	0.16	5.49	0.69	3.01	6.58	0.82	3.60	3.14	0.39	1.72
Styrene	0.20	0.26	0.03	0.14	1.04	0.13	0.56	0.25	0.03	0.13
o-Xylene	0.19	2.10	0.26	1.15	2.57	0.32	1.41	1.21	0.15	0.66
1-Nonene	0.19	0.12	U 0.01	U 0.07	0.31	0.03	0.18	0.14	U 0.02	U 0.08
n-Nonane	0.11	0.57	0.06	0.33	0.99	0.11	0.58	0.46	0.05	0.27
Isopropylbenzene	0.18	0.19	0.02	0.11	0.27	0.03	0.15	0.19	0.02	0.10
a-Pinene	0.18	0.54	0.05	0.30	2.22	0.22	1.25	0.96	0.10	0.54
n-Propylbenzene	0.21	0.52	0.06	0.29	0.72	0.08	0.39	0.28	0.03	0.15
m-Ethyltoluene	0.15	1.92	0.21	1.06	2.01	0.22	1.10	0.81	0.09	0.45
p-Ethyltoluene	0.19	0.92	0.10	0.51	1.12	0.12	0.62	0.39	0.04	0.21
1,3,5-Trimethylbenzene	0.18	1.09	0.12	0.60	1.22	0.14	0.67	0.61	0.07	0.33
o-Ethyltoluene	0.22	1.26	0.14	0.69	1.07	0.12	0.59	0.75	0.08	0.41
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	3.28	0.36	1.81	3.87	0.43	2.13	1.37	0.15	0.76
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.05	0.10	0.61	1.78	0.18	1.05	0.73	0.07	0.43
1,2,3-Trimethylbenzene	0.19	0.88	0.10	0.48	1.22	0.14	0.67	0.46	0.05	0.25
m-Diethylbenzene	0.20	0.34	0.03	0.19	0.48	0.05	0.27	0.22	0.02	0.12
p-Diethylbenzene	0.22	0.28	0.03	0.15	0.38	0.04	0.21	0.15	U 0.01	U 0.08
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.98	0.09	0.57	2.11	0.19	1.24	0.45	0.04	0.26
1-Dodecene	0.24	0.14	U 0.01	U 0.08	ND	ND	ND	0.13	U 0.01	U 0.08
n-Dodecane	0.49	1.03	0.09	0.60	1.37	0.11	0.80	0.25	U 0.02	U 0.15
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		212.41	52.89	124.36	370.37	90.65	217.47	117.88	28.01	68.78
TNMOC, ppbC (w/ unknowns)		288.42	288.42	288.42	504.35	504.35	504.35	214.01	214.01	214.01

U Under detection limit.
NR Not reported due to co-eluting compound.

Detroit, MI E7 Mile (E7MI) 2003 UAMTP SNMOC Final Data Report

Sample No.:		E7MI 35162			E7MI 35334			E7MI 35394		
Sampling Date:		8/19/2003			8/25/2003			8/31/2003		
Analysis Date:		9/4/2003			9/16/2003			9/30/2003		
Filename:		L3IC013			L3IO015			L3I#018		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	14.13	7.06	8.17	4.83	2.42	2.79	7.69	3.85	4.45
Acetylene	0.11	14.88	7.44	7.99	5.18	2.59	2.78	6.57	3.29	3.53
Ethane	0.17	47.07	23.53	29.19	13.73	6.87	8.52	22.26	11.13	13.81
Propylene	0.11	6.30	2.10	3.64	1.83	0.61	1.06	3.51	1.17	2.03
Propane	0.19	25.49	8.50	15.46	9.96	3.32	6.04	13.93	4.64	8.45
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	16.28	4.07	9.76	3.69	0.92	2.21	5.54	1.38	3.32
Isobutene/1-Butene	0.17	3.96	0.99	2.29	1.51	0.38	0.88	2.39	0.60	1.38
1,3-Butadiene	0.17	1.24	0.31	0.69	0.29	0.07	0.16	0.59	0.15	0.33
n-Butane	0.17	18.24	4.56	10.93	6.10	1.53	3.66	8.87	2.22	5.31
trans-2-Butene	0.17	1.25	0.31	0.73	0.26	0.07	0.15	0.51	0.13	0.29
cis-2-Butene	0.16	1.22	0.30	0.70	0.33	0.08	0.19	0.60	0.15	0.35
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	60.38	12.08	35.94	10.53	2.11	6.27	18.56	3.71	11.05
1-Pentene	0.20	1.78	0.36	1.03	0.49	0.10	0.28	0.95	0.19	0.55
2-Methyl-1-butene	0.20	3.46	0.69	2.00	0.47	0.09	0.27	1.13	0.23	0.65
n-Pentane	0.19	19.48	3.90	11.60	5.80	1.16	3.45	8.62	1.72	5.13
Isoprene	0.20	1.58	0.32	0.89	1.26	0.25	0.71	0.99	0.20	0.56
trans-2-Pentene	0.21	2.99	0.60	1.78	0.40	0.08	0.24	1.16	0.23	0.69
cis-2-Pentene	0.22	1.63	0.33	0.97	0.20	0.04	0.12	0.72	0.14	0.43
2-Methyl-2-butene	0.22	3.85	0.77	2.23	0.39	0.08	0.22	1.26	0.25	0.73
2,2-Dimethylbutane	0.20	3.72	0.62	2.21	1.12	0.19	0.66	1.69	0.28	1.00
Cyclopentene	0.20	0.94	0.19	0.53	ND	ND	ND	0.43	0.09	0.24
4-Methyl-1-pentene	0.20	0.54	0.09	0.31	0.37	0.06	0.21	0.36	0.06	0.21
Cyclopentane	0.20	2.11	0.42	1.22	0.65	0.13	0.38	0.93	0.19	0.54
2,3-Dimethylbutane	0.20	5.60	0.93	3.32	1.27	0.21	0.75	2.09	0.35	1.24
2-Methylpentane	0.13	17.99	3.00	10.66	5.77	0.96	3.42	7.84	1.31	4.64
3-Methylpentane	0.22	10.77	1.79	6.38	2.60	0.43	1.54	4.46	0.74	2.64
2-Methyl-1-pentene	0.22	0.79	0.13	0.47	ND	ND	ND	0.24	0.04	0.14
1-Hexene	0.32	0.78	0.13	0.46	0.29	0.05	0.17	0.65	0.11	0.39
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	10.99	1.83	6.51	2.39	0.40	1.41	4.05	0.68	2.40
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.44	0.07	0.26
cis-2-Hexene	0.21	0.44	0.07	0.26	ND	ND	ND	0.19	0.03	0.11
Methylcyclopentane	0.21	6.62	1.10	3.83	1.58	0.26	0.91	2.59	0.43	1.50
2,4-Dimethylpentane	0.22	2.57	0.37	1.31	0.60	0.09	0.31	0.97	0.14	0.49
Benzene	0.18	13.20	2.20	7.09	3.09	0.51	1.66	5.66	0.94	3.04
Cyclohexane	0.16	2.04	0.34	1.18	0.48	0.08	0.28	1.84	0.31	1.06
2-Methylhexane	0.21	6.14	0.88	3.63	1.82	0.26	1.07	2.67	0.38	1.57
2,3-Dimethylpentane	0.28	3.44	0.49	2.03	1.07	0.15	0.63	1.99	0.28	1.18
3-Methylhexane	0.17	6.47	0.92	3.82	1.54	0.22	0.91	3.33	0.48	1.96
1-Heptene	0.17	1.01	0.14	0.58	0.28	0.04	0.16	0.48	0.07	0.28
2,2,4-Trimethylpentane	0.19	9.07	1.13	5.34	2.03	0.25	1.19	3.10	0.39	1.83
n-Heptane	0.23	4.22	0.60	2.49	0.98	0.14	0.58	1.85	0.26	1.09
Methylcyclohexane	0.25	2.38	0.34	1.38	0.57	0.08	0.33	1.41	0.20	0.82
2,2,3-Trimethylpentane	0.25	2.15	0.27	1.27	0.54	0.07	0.32	0.61	0.08	0.36
2,3,4-Trimethylpentane	0.20	3.58	0.45	2.11	0.64	0.08	0.38	1.23	0.15	0.72
Toluene	0.20	37.30	5.33	20.25	6.28	0.90	3.41	12.95	1.85	7.03
2-Methylheptane	0.17	1.77	0.22	1.04	0.31	0.04	0.18	0.60	0.08	0.36
3-Methylheptane	0.20	2.02	0.25	1.19	0.37	0.05	0.22	0.78	0.10	0.46
1-Octene	0.20	0.25	0.03	0.14	0.20	0.03	0.12	0.14	0.02	0.08
n-Octane	0.21	2.14	0.27	1.26	0.58	0.07	0.34	0.85	0.11	0.50
Ethylbenzene	0.21	4.06	0.51	2.43	0.87	0.11	0.52	1.67	0.21	1.00
m-Xylene/p-Xylene	0.16	13.23	1.65	7.24	2.59	0.32	1.42	5.14	0.64	2.82
Styrene	0.20	0.40	0.05	0.21	ND	ND	ND	0.14	0.02	0.07
o-Xylene	0.19	5.24	0.66	2.87	1.05	0.13	0.58	2.01	0.25	1.10
1-Nonene	0.19	0.34	0.04	0.20	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	1.49	0.17	0.87	0.43	0.05	0.25	0.56	0.06	0.33
Isopropylbenzene	0.18	0.45	0.05	0.25	ND	ND	ND	0.26	0.03	0.14
a-Pinene	0.18	1.91	0.19	1.07	0.79	0.08	0.45	1.18	0.12	0.67
n-Propylbenzene	0.21	1.17	0.13	0.64	0.24	0.03	0.13	0.53	0.06	0.29
m-Ethyltoluene	0.15	3.67	0.41	2.02	0.69	0.08	0.38	1.42	0.16	0.78
p-Ethyltoluene	0.19	1.79	0.20	0.99	0.40	0.04	0.22	0.71	0.08	0.39
1,3,5-Trimethylbenzene	0.18	2.62	0.29	1.44	0.61	0.07	0.34	1.04	0.12	0.57
o-Ethyltoluene	0.22	2.42	0.27	1.33	0.63	0.07	0.35	1.06	0.12	0.58
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	5.77	0.64	3.18	1.22	0.14	0.67	2.34	0.26	1.29
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	2.38	0.24	1.40	0.55	0.06	0.32	0.89	0.09	0.52
1,2,3-Trimethylbenzene	0.19	1.64	0.18	0.91	0.46	0.05	0.25	0.69	0.08	0.38
m-Diethylbenzene	0.20	0.48	0.05	0.27	ND	ND	ND	0.25	0.03	0.14
p-Diethylbenzene	0.22	0.35	0.04	0.20	ND	ND	ND	0.18	0.02	0.10
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.07	0.10	0.63	0.30	0.03	0.18	0.59	0.05	0.34
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	0.22	0.02	0.12
n-Dodecane	0.49	0.49	0.04	0.29	0.14	0.01	0.08	0.45	0.04	0.26
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		457.17	108.65	266.70	115.61	29.76	67.68	193.56	48.01	113.09
TNMOC, ppbC (w/ unknowns)		623.41	623.41	623.41	206.91	206.91	206.91	365.49	365.49	365.49

U Under detection limit.
NR Not reported due to co-eluting compound.

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Sample No.:		POOK 36669				POOK 36670			POOK 3112502-01		
Sampling Date:		11/11/2003				11/14/2003			11/17/2003		
Analysis Date:		11/24/2003				11/24/2003			12/10/2003		
Filename:		L3KX008				L3KX009			L3L1014		
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.24	2.12	2.45		5.02	2.51	2.91	4.95	2.47	2.86
Acetylene	0.11	7.78	3.89	4.18		4.64	2.32	2.49	4.59	2.30	2.47
Ethane	0.17	40.01	20.00	24.81		23.08	11.54	14.31	24.94	12.47	15.47
Propylene	0.11	2.58	0.86	1.49		3.30	1.10	1.91	8.52	2.84	4.93
Propane	0.19	47.82	15.94	29.00		35.75	11.92	21.68	35.24	11.75	21.37
Propyne	0.19	ND	ND	ND		ND	ND	ND	ND	ND	ND
Isobutane	0.14	17.33	4.33	10.39		41.97	10.49	25.16	37.26	9.31	22.33
Isobutene/1-Butene	0.17	1.80	0.45	1.04		2.16	0.54	1.25	2.05	0.51	1.19
1,3-Butadiene	0.17	0.28	0.07	0.16		0.19	0.05	0.10	0.21	0.05	0.12
n-Butane	0.17	45.71	11.43	27.40		61.42	15.35	36.82	73.44	18.36	44.02
trans-2-Butene	0.17	1.41	0.35	0.82		1.36	0.34	0.79	0.89	0.22	0.51
cis-2-Butene	0.16	0.73	0.18	0.42		1.07	0.27	0.62	0.81	0.20	0.47
3-Methyl-1-butene	0.16	ND	ND	ND		0.44	0.09	0.26	0.31	0.06	0.18
Isopentane	0.19	24.45	4.89	14.55		19.67	3.93	11.71	15.45	3.09	9.19
1-Pentene	0.20	1.94	0.39	1.12		0.94	0.19	0.54	0.68	0.14	0.40
2-Methyl-1-butene	0.20	2.69	0.54	1.55		1.35	0.27	0.78	0.96	0.19	0.55
n-Pentane	0.19	19.93	3.99	11.86		12.67	2.53	7.54	11.37	2.27	6.77
Isoprene	0.20	0.42	0.08	0.23		0.19	U	0.04	U	0.11	U
trans-2-Pentene	0.21	2.70	0.54	1.60		1.37	0.27	0.82	0.92	0.18	0.55
cis-2-Pentene	0.22	1.47	0.29	0.88		0.71	0.14	0.42	0.50	0.10	0.30
2-Methyl-2-butene	0.22	3.38	0.68	1.95		2.27	0.45	1.31	1.19	0.24	0.69
2,2-Dimethylbutane	0.20	0.90	0.15	0.53		0.61	0.10	0.36	0.61	0.10	0.36
Cyclopentene	0.20	2.14	0.43	1.20		0.74	0.15	0.41	1.01	0.20	0.57
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	1.69	0.34	0.98		1.06	0.21	0.61	1.01	0.20	0.58
2,3-Dimethylbutane	0.20	1.80	0.30	1.07		1.18	0.20	0.70	0.97	0.16	0.57
2-Methylpentane	0.13	9.72	1.62	5.76		6.64	1.11	3.94	5.54	0.92	3.29
3-Methylpentane	0.22	5.36	0.89	3.17		2.90	0.48	1.72	3.12	0.52	1.85
2-Methyl-1-pentene	0.22	0.33	0.05	0.19		0.17	U	0.03	U	0.16	U
1-Hexene	0.32	0.64	0.11	0.38		0.34	0.06	0.20	0.23	U	0.13
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Hexane	0.21	8.99	1.50	5.33		4.58	0.76	2.71	4.78	0.80	2.83
trans-2-Hexene	0.21	0.45	0.08	0.27		0.21	U	0.03	U	0.19	U
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND	0.10	U	0.02
Methylcyclopentane	0.21	5.07	0.85	2.93		2.91	0.49	1.69	2.62	0.44	1.51
2,4-Dimethylpentane	0.22	0.74	0.11	0.38		0.60	0.09	0.30	0.48	0.07	0.24
Benzene	0.18	5.02	0.84	2.69		3.18	0.53	1.71	3.02	0.50	1.62
Cyclohexane	0.16	4.09	0.68	2.37		1.35	0.23	0.78	1.55	0.26	0.90
2-Methylhexane	0.21	2.99	0.43	1.76		2.00	0.29	1.18	1.31	0.19	0.77
2,3-Dimethylpentane	0.28	1.20	0.17	0.71		0.86	0.12	0.51	0.63	0.09	0.37
3-Methylhexane	0.17	2.36	0.34	1.39		1.46	0.21	0.86	1.74	0.25	1.02
1-Heptene	0.17	1.18	0.17	0.68		0.64	0.09	0.37	0.82	0.12	0.47
2,2,4-Trimethylpentane	0.19	2.78	0.35	1.64		2.30	0.29	1.35	1.81	0.23	1.06
n-Heptane	0.23	3.72	0.53	2.20		1.97	0.28	1.16	2.25	0.32	1.33
Methylcyclohexane	0.25	3.78	0.54	2.19		1.90	0.27	1.10	2.31	0.33	1.34
2,2,3-Trimethylpentane	0.25	0.65	0.08	0.38		0.34	0.04	0.20	0.46	0.06	0.27
2,3,4-Trimethylpentane	0.20	0.76	0.09	0.45		0.53	0.07	0.31	0.47	0.06	0.28
Toluene	0.20	10.83	1.55	5.88		5.08	0.73	2.76	6.26	0.89	3.40
2-Methylheptane	0.17	1.09	0.14	0.64		0.68	0.08	0.40	0.92	0.12	0.54
3-Methylheptane	0.20	0.81	0.10	0.48		0.49	0.06	0.29	0.55	0.07	0.33
1-Octene	0.20	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.97	0.25	1.16		1.35	0.17	0.79	1.49	0.19	0.88
Ethylbenzene	0.21	2.19	0.27	1.31		1.01	0.13	0.61	0.94	0.12	0.56
m-Xylene/p-Xylene	0.16	5.85	0.73	3.20		2.48	0.31	1.36	2.70	0.34	1.48
Styrene	0.20	1.86	0.23	1.00		1.38	0.17	0.74	0.93	0.12	0.50
o-Xylene	0.19	1.90	0.24	1.04		0.98	0.12	0.53	0.90	0.11	0.49
1-Nonene	0.19	0.36	0.04	0.21		0.21	U	0.02	U	ND	ND
n-Nonane	0.11	1.15	0.13	0.67		0.85	0.09	0.50	0.81	0.09	0.48
Isopropylbenzene	0.18	0.26	0.03	0.14		0.21	0.02	0.12	ND	ND	ND
a-Pinene	0.18	ND	ND	ND		ND	ND	ND	0.27	0.03	0.15
n-Propylbenzene	0.21	0.55	0.06	0.30		0.44	0.05	0.24	0.31	0.03	0.17
m-Ethyltoluene	0.15	1.26	0.14	0.69		0.63	0.07	0.35	0.68	0.08	0.38
p-Ethyltoluene	0.19	0.89	0.10	0.49		0.46	0.05	0.25	0.51	0.06	0.28
1,3,5-Trimethylbenzene	0.18	0.94	0.10	0.52		0.57	0.06	0.31	0.52	0.06	0.28
o-Ethyltoluene	0.22	0.76	0.08	0.42		0.44	0.05	0.24	0.34	0.04	0.19
b-Pinene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	2.39	0.27	1.32		1.22	0.14	0.67	1.20	0.13	0.66
1-Decene	0.21	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.41	0.14	0.82		0.89	0.09	0.52	0.86	0.09	0.51
1,2,3-Trimethylbenzene	0.19	0.55	0.06	0.30		0.38	0.04	0.21	0.31	0.03	0.17
m-Diethylbenzene	0.20	0.44	0.04	0.24		0.34	0.03	0.19	0.19	U	0.11
p-Diethylbenzene	0.22	0.23	0.02	0.13		0.24	0.02	0.13	0.17	U	0.09
1-Undecene	0.22	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.81	0.07	0.47		0.52	0.05	0.30	0.45	0.04	0.26
1-Dodecene	0.24	0.51	0.04	0.30		0.32	U	0.03	U	0.17	U
n-Dodecane	0.49	0.63	0.05	0.37		0.41	U	0.03	U	0.34	U
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND	ND	ND	ND
TNMOC (speciated)		332.62	86.54	196.69		279.57	73.08	165.99	283.41	75.42	168.30
TNMOC, ppbC (w/ unknowns)		426.45	426.45	426.45		347.56	347.56	347.56	332.29	332.29	332.29

U Under detection limit.
ND Not detected.

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Sample No.:		POOK 3112503-01 D1				POOK 3112503-01 R1				POOK 3112503-02 D2			
Sampling Date:		11/20/2003				11/20/2003				11/20/2003			
Analysis Date:		12/11/2003				12/13/2003				12/11/2003			
Filename:		L3LJ011				L3LL015				L3LJ012			
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	
Ethylene	0.15	7.69	3.84	4.45		7.76	3.88	4.49		6.90	3.45	3.99	
Acetylene	0.11	5.98	2.99	3.21		5.95	2.98	3.20		5.71	2.85	3.07	
Ethane	0.17	32.88	16.44	20.40		32.97	16.48	20.45		30.15	15.08	18.70	
Propylene	0.11	10.92	3.64	6.32		10.90	3.63	6.31		9.17	3.06	5.31	
Propane	0.19	52.76	17.59	31.99		52.38	17.46	31.77		47.37	15.79	28.72	
Propyne	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isobutane	0.14	15.28	3.82	9.16		15.29	3.82	9.16		15.32	3.83	9.18	
Isobutene/1-Butene	0.17	2.22	0.55	1.28		2.22	0.55	1.28		1.99	0.50	1.15	
1,3-Butadiene	0.17	0.60	0.15	0.34		0.61	0.15	0.34		0.53	0.13	0.30	
n-Butane	0.17	45.63	11.41	27.35		45.64	11.41	27.36		40.66	10.16	24.37	
trans-2-Butene	0.17	1.06	0.27	0.62		1.18	0.29	0.68		0.94	0.23	0.54	
cis-2-Butene	0.16	1.08	0.27	0.62		1.12	0.28	0.65		1.01	0.25	0.58	
3-Methyl-1-butene	0.16	0.41	0.08	0.23		0.39	0.08	0.23		0.38	0.08	0.22	
Isopentane	0.19	22.17	4.43	13.20		22.28	4.46	13.26		22.49	4.50	13.39	
1-Pentene	0.20	1.06	0.21	0.61		0.97	0.19	0.56		0.83	0.17	0.48	
2-Methyl-1-butene	0.20	1.37	0.27	0.79		1.25	0.25	0.72		1.24	0.25	0.72	
n-Pentane	0.19	17.83	3.57	10.62		17.84	3.57	10.62		16.34	3.27	9.73	
Isoprene	0.20	0.20	0.04	0.11		0.18	0.04	0.10		0.29	0.06	0.16	
trans-2-Pentene	0.21	1.33	0.27	0.79		1.25	0.25	0.74		1.23	0.25	0.73	
cis-2-Pentene	0.22	0.72	0.14	0.43		0.67	0.13	0.40		0.65	0.13	0.39	
2-Methyl-2-butene	0.22	1.65	0.33	0.95		1.56	0.31	0.90		1.49	0.30	0.86	
2,2-Dimethylbutane	0.20	0.81	0.14	0.48		0.82	0.14	0.49		1.05	0.18	0.62	
Cyclopentene	0.20	0.62	0.12	0.35		0.77	0.15	0.43		0.60	0.12	0.34	
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Cyclopentane	0.20	1.56	0.31	0.90		1.48	0.30	0.85		1.35	0.27	0.78	
2,3-Dimethylbutane	0.20	2.10	0.35	1.24		2.03	0.34	1.20		2.73	0.45	1.62	
2-Methylpentane	0.13	10.65	1.78	6.31		10.24	1.71	6.07		14.50	2.42	8.59	
3-Methylpentane	0.22	8.75	1.46	5.19		8.41	1.40	4.98		13.09	2.18	7.75	
2-Methyl-1-pentene	0.22	0.23	0.04	0.13		0.22	0.04	0.13		0.20	0.03	0.12	
1-Hexene	0.32	0.28	0.05	0.17		0.25	0.04	0.15		0.27	0.05	0.16	
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Hexane	0.21	14.04	2.34	8.32		13.17	2.20	7.81		20.16	3.36	11.94	
trans-2-Hexene	0.21	0.24	0.04	0.14		0.23	0.04	0.14		0.19	0.03	0.11	
cis-2-Hexene	0.21	0.14	0.02	0.08		0.13	0.02	0.08		ND	ND	ND	
Methylcyclopentane	0.21	6.18	1.03	3.58		5.93	0.99	3.43		7.48	1.25	4.33	
2,4-Dimethylpentane	0.22	0.83	0.12	0.42		0.77	0.11	0.39		0.84	0.12	0.43	
Benzene	0.18	4.15	0.69	2.23		3.88	0.65	2.09		3.86	0.64	2.07	
Cyclohexane	0.16	2.74	0.46	1.58		2.69	0.45	1.56		2.67	0.45	1.55	
2-Methylhexane	0.21	1.45	0.21	0.86		1.49	0.21	0.88		2.32	0.33	1.37	
2,3-Dimethylpentane	0.28	0.98	0.14	0.58		1.01	0.14	0.60		1.19	0.17	0.70	
3-Methylhexane	0.17	2.17	0.31	1.28		2.47	0.35	1.46		3.72	0.53	2.20	
1-Heptene	0.17	0.93	0.13	0.54		0.97	0.14	0.56		0.62	0.09	0.36	
2,2,4-Trimethylpentane	0.19	3.64	0.45	2.14		3.65	0.46	2.15		3.37	0.42	1.99	
n-Heptane	0.23	2.75	0.39	1.62		2.75	0.39	1.63		4.99	0.71	2.95	
Methylcyclohexane	0.25	2.99	0.43	1.73		2.92	0.42	1.69		3.46	0.49	2.00	
2,2,3-Trimethylpentane	0.25	0.78	0.10	0.46		0.78	0.10	0.46		1.06	0.13	0.63	
2,3,4-Trimethylpentane	0.20	0.80	0.10	0.47		0.79	0.10	0.47		0.78	0.10	0.46	
Toluene	0.20	8.17	1.17	4.43		8.23	1.18	4.47		11.12	1.59	6.04	
2-Methylheptane	0.17	0.82	0.10	0.48		0.89	0.11	0.52		0.76	0.09	0.45	
3-Methylheptane	0.20	0.57	0.07	0.34		0.55	0.07	0.33		0.48	0.06	0.28	
1-Octene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Octane	0.21	1.54	0.19	0.91		1.54	0.19	0.91		1.37	0.17	0.81	
Ethylbenzene	0.21	1.02	0.13	0.61		0.99	0.12	0.59		1.10	0.14	0.66	
m-Xylene/p-Xylene	0.16	2.89	0.36	1.58		2.85	0.36	1.56		3.19	0.40	1.75	
Styrene	0.20	0.25	0.03	0.14		0.24	0.03	0.13		1.28	0.16	0.69	
o-Xylene	0.19	1.05	0.13	0.57		1.08	0.14	0.59		1.13	0.14	0.62	
1-Nonene	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Nonane	0.11	1.01	0.11	0.59		1.00	0.11	0.59		1.04	0.12	0.61	
Isopropylbenzene	0.18	ND	ND	ND		ND	ND	ND		ND	ND	ND	
a-Pinene	0.18	ND	ND	ND		ND	ND	ND		0.41	0.04	0.23	
n-Propylbenzene	0.21	0.33	0.04	0.18		0.29	0.03	0.16		0.40	0.04	0.22	
m-Ethyltoluene	0.15	0.80	0.09	0.44		0.80	0.09	0.44		0.77	0.09	0.42	
p-Ethyltoluene	0.19	0.48	0.05	0.27		0.47	0.05	0.26		0.51	0.06	0.28	
1,3,5-Trimethylbenzene	0.18	0.59	0.07	0.33		0.57	0.06	0.32		0.60	0.07	0.33	
o-Ethyltoluene	0.22	0.48	0.05	0.27		0.48	0.05	0.26		0.55	0.06	0.30	
b-Pinene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1,2,4-Trimethylbenzene	0.21	1.10	0.12	0.60		1.06	0.12	0.59		1.27	0.14	0.70	
1-Decene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Decane	0.25	1.12	0.11	0.66		1.09	0.11	0.64		1.12	0.11	0.66	
1,2,3-Trimethylbenzene	0.19	0.27	0.03	0.15		0.26	0.03	0.14		0.27	0.03	0.15	
m-Diethylbenzene	0.20	0.14	0.01	0.08		0.15	0.01	0.08		0.17	0.02	0.09	
p-Diethylbenzene	0.22	0.14	0.01	0.08		0.13	0.01	0.07		0.17	0.02	0.09	
1-Undecene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Undecane	0.24	0.63	0.06	0.37		0.65	0.06	0.38		0.66	0.06	0.39	
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND		0.26	0.02	0.15	
n-Dodecane	0.49	0.26	0.02	0.15		0.22	0.02	0.13		0.52	0.04	0.30	
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
TNMOC (speciated)		316.31	84.49	187.52		313.77	84.05	186.04		324.26	82.50	191.85	
TNMOC, ppbC (w/ unknowns)		350.47	350.47	350.47		350.63	350.63	350.63		368.66	368.66	368.66	

U Under detection limit.
ND Not detected.

Ponca City, OK (POOK) 2003 UATMP SNMOC Final Data Report

Sample No.:		POOK 3112503-02 R2				POOK 3112503-03				POOK 3120301-01			
Sampling Date:		11/20/2003				11/23/2003				11/26/2003			
Analysis Date:		12/13/2003				12/11/2003				12/13/2003			
Filename:		L3LL016				L3LL010				L3LL008			
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	
Ethylene	0.15	8.24	4.12	4.77		3.80	1.90	2.20		3.61	1.81	2.09	
Acetylene	0.11	7.02	3.51	3.77		3.80	1.90	2.04		5.82	2.91	3.12	
Ethane	0.17	29.76	14.88	18.46		ND	ND	ND		36.14	18.07	22.41	
Propylene	0.11	9.08	3.03	5.25		0.52	0.17	0.30		1.65	0.55	0.96	
Propane	0.19	46.03	15.34	27.91		8.15	2.72	4.94		38.12	12.71	23.12	
Propyne	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isobutane	0.14	14.71	3.68	8.82		2.26	0.57	1.35		9.25	2.31	5.54	
Isobutene/1-Butene	0.17	2.17	0.54	1.25		0.52	0.13	0.30		1.35	0.34	0.78	
1,3-Butadiene	0.17	0.59	0.15	0.33		0.07	U	0.02	U	0.04	0.18	0.05	0.10
n-Butane	0.17	39.89	9.97	23.91		5.90	1.48	3.54		26.12	6.53	15.66	
trans-2-Butene	0.17	1.14	0.29	0.66		ND	ND	ND		0.26	0.07	0.15	
cis-2-Butene	0.16	1.02	0.25	0.59		ND	ND	ND		0.22	0.06	0.13	
3-Methyl-1-butene	0.16	0.35	0.07	0.20		ND	ND	ND		ND	ND	ND	
Isopentane	0.19	22.45	4.49	13.36		2.81	0.56	1.67		10.99	2.20	6.54	
1-Pentene	0.20	0.76	0.15	0.44		0.13	U	0.03	U	0.07	0.27	0.05	0.16
2-Methyl-1-butene	0.20	1.11	0.22	0.64		0.12	U	0.02	U	0.07	0.35	0.07	0.20
n-Pentane	0.19	15.72	3.14	9.36		2.72	0.54	1.62		10.41	2.08	6.20	
Isoprene	0.20	0.31	0.06	0.17		0.09	U	0.02	U	0.05	0.15	U	0.03
trans-2-Pentene	0.21	1.10	0.22	0.65		0.16	U	0.03	U	0.09	0.36	0.07	0.21
cis-2-Pentene	0.22	0.60	0.12	0.36		0.09	U	0.02	U	0.06	0.19	U	0.04
2-Methyl-2-butene	0.22	1.39	0.28	0.80		ND	ND	ND		0.64	0.13	0.37	
2,2-Dimethylbutane	0.20	1.05	0.17	0.62		0.24	0.04	0.14		0.55	0.09	0.32	
Cyclopentene	0.20	0.58	0.12	0.33		0.36	0.07	0.20		0.40	0.08	0.22	
4-Methyl-1-pentene	0.20	ND	ND	ND		0.36	0.06	0.21		ND	ND	ND	
Cyclopentane	0.20	1.34	0.27	0.78		0.17	U	0.03	U	0.10	0.75	0.15	0.44
2,3-Dimethylbutane	0.20	2.54	0.42	1.51		0.41	0.07	0.24		0.84	0.14	0.50	
2-Methylpentane	0.13	13.17	2.19	7.80		2.04	0.34	1.21		5.76	0.96	3.42	
3-Methylpentane	0.22	11.82	1.97	7.00		1.13	0.19	0.67		2.52	0.42	1.49	
2-Methyl-1-pentene	0.22	0.18	U	0.03	U	0.11	ND	ND		ND	ND	ND	
1-Hexene	0.32	0.27	U	0.04	U	0.16	110.04	18.34	65.20	0.13	U	0.02	U
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Hexane	0.21	17.96	2.99	10.64		1.35	0.23	0.80		4.42	0.74	2.62	
trans-2-Hexene	0.21	0.20	U	0.03	U	0.12	ND	ND		ND	ND	ND	
cis-2-Hexene	0.21	0.16	U	0.03	U	0.09	1.15	0.19	0.68	ND	ND	ND	
Methylcyclopentane	0.21	6.78	1.13	3.92		0.57	0.10	0.33		2.41	0.40	1.39	
2,4-Dimethylpentane	0.22	0.78	0.11	0.40		0.13	U	0.02	U	0.07	0.40	0.06	0.20
Benzene	0.18	3.93	0.66	2.11		1.32	0.22	0.71		2.80	0.47	1.50	
Cyclohexane	0.16	2.48	0.41	1.44		0.35	0.06	0.20		1.26	0.21	0.73	
2-Methylhexane	0.21	2.19	0.31	1.29		0.27	0.04	0.16		1.27	0.18	0.75	
2,3-Dimethylpentane	0.28	1.20	0.17	0.71		0.27	U	0.04	U	0.16	0.54	0.08	0.32
3-Methylhexane	0.17	3.80	0.54	2.24		0.34	0.05	0.20		1.27	0.18	0.75	
1-Heptene	0.17	0.83	0.12	0.48		0.60	0.09	0.35		0.44	0.06	0.25	
2,2,4-Trimethylpentane	0.19	3.17	0.40	1.86		0.60	0.07	0.35		1.95	0.24	1.15	
n-Heptane	0.23	4.77	0.68	2.82		0.48	0.07	0.28		1.67	0.24	0.99	
Methylcyclohexane	0.25	3.22	0.46	1.86		0.37	0.05	0.22		1.58	0.23	0.91	
2,2,3-Trimethylpentane	0.25	0.98	0.12	0.58		ND	ND	ND		0.37	0.05	0.22	
2,3,4-Trimethylpentane	0.20	0.79	0.10	0.47		0.16	U	0.02	U	0.09	0.51	0.06	0.30
Toluene	0.20	10.85	1.55	5.89		1.93	0.28	1.05		5.59	0.80	3.03	
2-Methylheptane	0.17	0.75	0.09	0.44		0.11	U	0.01	U	0.07	0.46	0.06	0.27
3-Methylheptane	0.20	0.55	0.07	0.32		0.12	U	0.01	U	0.07	0.39	0.05	0.23
1-Octene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Octane	0.21	1.33	0.17	0.79		0.24	0.03	0.14		0.76	0.10	0.45	
Ethylbenzene	0.21	1.13	0.14	0.68		0.36	0.05	0.22		0.89	0.11	0.53	
m-Xylene/p-Xylene	0.16	3.25	0.41	1.78		0.98	0.12	0.54		2.73	0.34	1.50	
Styrene	0.20	1.08	0.14	0.58		0.13	U	0.02	U	0.07	0.91	0.11	0.49
o-Xylene	0.19	1.10	0.14	0.60		0.36	0.04	0.20		1.06	0.13	0.58	
1-Nonene	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Nonane	0.11	1.04	0.12	0.61		0.17	0.02	0.10		0.45	0.05	0.26	
Isopropylbenzene	0.18	ND	ND	ND		ND	ND	ND		ND	ND	ND	
a-Pinene	0.18	0.99	0.10	0.56		ND	ND	ND		ND	ND	ND	
n-Propylbenzene	0.21	0.38	0.04	0.21		0.12	U	0.01	U	0.07	0.27	0.03	0.15
m-Ethyltoluene	0.15	0.86	0.10	0.47		0.25	0.03	0.14		0.65	0.07	0.36	
p-Ethyltoluene	0.19	0.48	0.05	0.26		0.15	U	0.02	U	0.08	0.37	0.04	0.20
1,3,5-Trimethylbenzene	0.18	0.61	0.07	0.34		0.15	U	0.02	U	0.08	0.46	0.05	0.26
o-Ethyltoluene	0.22	0.42	0.05	0.23		0.12	U	0.01	U	0.06	0.35	0.04	0.19
b-Pinene	0.22	ND	ND	ND		0.12	U	0.01	U	0.07	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.32	0.15	0.72		0.34	0.04	0.19		0.99	0.11	0.55	
1-Decene	0.21	ND	ND	ND		0.26	0.03	0.15		ND	ND	ND	
n-Decane	0.25	0.96	0.10	0.56		0.13	U	0.01	U	0.07	0.42	0.04	0.24
1,2,3-Trimethylbenzene	0.19	0.29	0.03	0.16		0.13	U	0.01	U	0.07	0.24	0.03	0.13
m-Diethylbenzene	0.20	0.16	U	0.02	U	0.09	0.11	U	0.01	U	0.06	0.19	U
p-Diethylbenzene	0.22	0.17	U	0.02	U	0.09	ND	ND	ND	0.13	U	0.01	U
1-Undecene	0.22	ND	ND	ND		0.12	U	0.01	U	0.07	ND	ND	ND
n-Undecane	0.24	0.66	0.06	0.39		0.16	U	0.01	U	0.09	0.25	0.02	0.15
1-Dodecene	0.24	0.16	U	0.01	U	0.09	0.13	U	0.01	U	0.08	0.26	U
n-Dodecane	0.49	0.42	U	0.03	U	0.24	0.23	U	0.02	U	0.13	0.20	U
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND		0.17	U	0.01	U	0.10	ND	ND	ND
TNMOC (speciated)		316.55	81.64	187.17		160.88	31.33	94.86		195.93	57.37	116.51	
TNMOC, ppbC (w/ unknowns)		359.29	359.29	359.29		179.87	179.87	179.87		243.05	243.05	243.05	

U Under detection limit.
ND Not detected.

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Sample No.:		POOK 3120301-02				POOK 3120403-01				POOK 3120901-01			
Sampling Date:		11/29/2003				12/2/2003				12/5/2003			
Analysis Date:		12/13/2003				12/12/2003				12/12/2003			
Filename:		L3LL009				L3LL011				L3LL010			
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	
Ethylene	0.15	3.54	1.77	2.05		2.06	1.03	1.19		2.68	1.34	1.55	
Acetylene	0.11	3.37	1.69	1.81		3.83	1.91	2.06		7.27	3.64	3.91	
Ethane	0.17	34.46	17.23	21.37		13.94	6.97	8.65		9.73	4.87	6.04	
Propylene	0.11	5.43	1.81	3.14		0.75	0.25	0.44		1.04	0.35	0.60	
Propane	0.19	47.64	15.88	28.89		15.72	5.24	9.53		9.24	3.08	5.61	
Propyne	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isobutane	0.14	17.23	4.31	10.33		4.45	1.11	2.67		3.36	0.84	2.02	
Isobutene/1-Butene	0.17	1.36	0.34	0.79		1.06	0.26	0.61		0.98	0.24	0.56	
1,3-Butadiene	0.17	0.17	0.04	0.09		ND	ND	ND		0.15	0.04	0.09	
n-Butane	0.17	39.44	9.86	23.64		11.23	2.81	6.73		12.63	3.16	7.57	
trans-2-Butene	0.17	0.43	0.11	0.25		ND	ND	ND		0.29	0.07	0.17	
cis-2-Butene	0.16	0.42	0.11	0.24		ND	ND	ND		0.22	0.05	0.13	
3-Methyl-1-butene	0.16	0.16	0.03	0.09		ND	ND	ND		ND	ND	ND	
Isopentane	0.19	17.53	3.51	10.43		4.75	0.95	2.83		5.33	1.07	3.17	
1-Pentene	0.20	0.38	0.08	0.22		0.17	0.03	0.10		0.28	0.06	0.16	
2-Methyl-1-butene	0.20	0.48	0.10	0.28		ND	ND	ND		0.29	0.06	0.17	
n-Pentane	0.19	15.02	3.00	8.94		4.86	0.97	2.89		4.40	0.88	2.62	
Isoprene	0.20	0.12	0.02	0.07		ND	ND	ND		ND	ND	ND	
trans-2-Pentene	0.21	0.52	0.10	0.31		ND	ND	ND		0.34	0.07	0.20	
cis-2-Pentene	0.22	0.24	0.05	0.14		ND	ND	ND		0.16	0.03	0.10	
2-Methyl-2-butene	0.22	0.59	0.12	0.34		0.54	0.11	0.31		0.39	0.08	0.23	
2,2-Dimethylbutane	0.20	0.60	0.10	0.36		0.36	0.06	0.21		0.40	0.07	0.24	
Cyclopentene	0.20	0.33	0.07	0.19		0.24	0.05	0.13		0.29	0.06	0.16	
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Cyclopentane	0.20	1.12	0.22	0.65		0.37	0.07	0.21		0.29	0.06	0.17	
2,3-Dimethylbutane	0.20	1.02	0.17	0.60		0.53	0.09	0.31		0.63	0.11	0.37	
2-Methylpentane	0.13	6.19	1.03	3.67		3.83	0.64	2.27		3.33	0.56	1.98	
3-Methylpentane	0.22	3.53	0.59	2.09		1.46	0.24	0.86		2.17	0.36	1.29	
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1-Hexene	0.32	0.16	0.03	0.10		0.15	0.02	0.09		0.20	0.03	0.12	
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Hexane	0.21	5.58	0.93	3.31		2.22	0.37	1.32		2.73	0.45	1.62	
trans-2-Hexene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Methylcyclopentane	0.21	3.01	0.50	1.74		1.04	0.17	0.60		1.16	0.19	0.67	
2,4-Dimethylpentane	0.22	0.45	0.06	0.23		0.23	0.03	0.12		0.32	0.05	0.16	
Benzene	0.18	2.59	0.43	1.39		1.47	0.24	0.79		1.81	0.30	0.97	
Cyclohexane	0.16	1.80	0.30	1.04		0.45	0.07	0.26		0.45	0.08	0.26	
2-Methylhexane	0.21	1.16	0.17	0.69		0.43	0.06	0.26		0.34	0.05	0.20	
2,3-Dimethylpentane	0.28	0.58	0.08	0.34		0.22	0.03	0.13		0.55	0.08	0.32	
3-Methylhexane	0.17	1.85	0.26	1.09		0.61	0.09	0.36		0.53	0.08	0.31	
1-Heptene	0.17	0.82	0.12	0.47		0.25	0.04	0.15		0.17	0.02	0.10	
2,2,4-Trimethylpentane	0.19	1.40	0.18	0.83		0.70	0.09	0.41		1.40	0.18	0.83	
n-Heptane	0.23	2.11	0.30	1.25		0.76	0.11	0.45		0.60	0.09	0.35	
Methylcyclohexane	0.25	2.23	0.32	1.29		0.73	0.10	0.42		0.48	0.07	0.28	
2,2,3-Trimethylpentane	0.25	0.39	0.05	0.23		ND	ND	ND		0.21	0.03	0.12	
2,3,4-Trimethylpentane	0.20	0.33	0.04	0.20		0.15	0.02	0.09		0.32	0.04	0.19	
Toluene	0.20	3.91	0.56	2.12		2.31	0.33	1.25		3.60	0.51	1.96	
2-Methylheptane	0.17	0.64	0.08	0.37		0.21	0.03	0.12		0.22	0.03	0.13	
3-Methylheptane	0.20	0.42	0.05	0.25		0.13	0.02	0.08		0.17	0.02	0.10	
1-Octene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Octane	0.21	1.12	0.14	0.66		0.34	0.04	0.20		0.27	0.03	0.16	
Ethylbenzene	0.21	0.66	0.08	0.40		0.40	0.05	0.24		0.53	0.07	0.31	
m-Xylene/p-Xylene	0.16	1.87	0.23	1.03		1.04	0.13	0.57		1.57	0.20	0.86	
Styrene	0.20	0.17	0.02	0.09		0.12	0.01	0.06		0.13	0.02	0.07	
o-Xylene	0.19	0.73	0.09	0.40		0.42	0.05	0.23		0.59	0.07	0.33	
1-Nonene	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Nonane	0.11	0.56	0.06	0.33		0.27	0.03	0.16		0.16	0.02	0.10	
Isopropylbenzene	0.18	ND	ND	ND		ND	ND	ND		ND	ND	ND	
a-Pinene	0.18	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Propylbenzene	0.21	0.20	0.02	0.11		0.21	0.02	0.11		0.21	0.02	0.12	
m-Ethyltoluene	0.15	0.39	0.04	0.21		0.21	0.02	0.12		0.31	0.03	0.17	
p-Ethyltoluene	0.19	0.27	0.03	0.15		0.18	0.02	0.10		0.19	0.02	0.11	
1,3,5-Trimethylbenzene	0.18	0.40	0.04	0.22		0.17	0.02	0.09		0.23	0.03	0.13	
o-Ethyltoluene	0.22	0.22	0.02	0.12		0.15	0.02	0.08		0.18	0.02	0.10	
b-Pinene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1,2,4-Trimethylbenzene	0.21	0.70	0.08	0.39		0.33	0.04	0.18		0.54	0.06	0.30	
1-Decene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Decane	0.25	0.41	0.04	0.24		0.31	0.03	0.18		0.13	0.01	0.08	
1,2,3-Trimethylbenzene	0.19	0.18	0.02	0.10		ND	ND	ND		0.12	0.01	0.07	
m-Diethylbenzene	0.20	0.12	0.01	0.07		ND	ND	ND		ND	ND	ND	
p-Diethylbenzene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1-Undecene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Undecane	0.24	0.23	0.02	0.13		0.14	0.01	0.08		0.14	0.01	0.08	
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Dodecane	0.49	0.20	0.02	0.12		0.14	0.01	0.08		0.16	0.01	0.09	
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
TNMOC (speciated)		239.20	67.77	142.69		86.61	25.14	51.38		86.58	24.04	50.80	
TNMOC, ppbC (w/ unknowns)		269.32	269.32	269.32		111.77	111.77	111.77		106.96	106.96	106.96	

U Under detection limit.
ND Not detected.

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Sample No.:		POOK 3121001-01				POOK 3121502-01				POOK 3121602-01			
Sampling Date:		12/8/2003				12/11/2003				12/14/2003			
Analysis Date:		12/16/2003				12/16/2003				12/22/2003			
Filename:		L3LP005				L3LP006				L3LV007			
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	
Ethylene	0.15	4.02	2.01	2.32		2.33	1.16	1.35		3.08	1.54	1.78	
Acetylene	0.11	5.47	2.74	2.94		3.25	1.62	1.74		4.04	2.02	2.17	
Ethane	0.17	41.57	20.78	25.78		8.77	4.39	5.44		37.26	18.63	23.11	
Propylene	0.11	1.73	0.58	1.00		0.92	0.31	0.53		1.03	0.34	0.60	
Propane	0.19	44.05	14.68	26.71		9.10	3.03	5.52		39.55	13.18	23.98	
Propyne	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isobutane	0.14	11.84	2.96	7.10		2.74	0.69	1.64		9.03	2.26	5.41	
Isobutene/1-Butene	0.17	1.22	0.31	0.71		0.85	0.21	0.49		0.64	0.16	0.37	
1,3-Butadiene	0.17	0.26	0.07	0.15		0.14	U	0.04	U	0.08	0.12	U	0.07
n-Butane	0.17	36.58	9.15	21.93		8.29	2.07	4.97		24.75	6.19	14.83	
trans-2-Butene	0.17	0.75	0.19	0.43		ND	ND	ND		ND	ND	ND	
cis-2-Butene	0.16	0.35	0.09	0.20		ND	ND	ND		ND	ND	ND	
3-Methyl-1-butene	0.16	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isopentane	0.19	14.24	2.85	8.48		3.39	0.68	2.02		9.74	1.95	5.80	
1-Pentene	0.20	0.30	0.06	0.18		ND	ND	ND		0.13	U	0.03	U
2-Methyl-1-butene	0.20	0.46	0.09	0.26		0.16	U	0.03	U	0.09	0.17	U	0.10
n-Pentane	0.19	12.42	2.48	7.39		3.02	0.60	1.80		9.72	1.94	5.79	
Isoprene	0.20	0.16	U	0.03	U	0.09	ND	ND		0.12	U	0.02	U
trans-2-Pentene	0.21	0.57	0.11	0.34		0.21	U	0.04	U	0.12	0.20	U	0.12
cis-2-Pentene	0.22	0.28	0.06	0.17		ND	ND	ND		0.13	U	0.03	U
2-Methyl-2-butene	0.22	0.74	0.15	0.43		0.27	0.05	0.16		0.24	0.05	0.14	
2,2-Dimethylbutane	0.20	0.95	0.16	0.56		0.34	0.06	0.20		0.39	0.06	0.23	
Cyclopentene	0.20	0.41	0.08	0.23		0.25	0.05	0.14		0.25	0.05	0.14	
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Cyclopentane	0.20	1.05	0.21	0.61		0.20	0.04	0.12		0.72	0.14	0.42	
2,3-Dimethylbutane	0.20	1.75	0.29	1.04		0.63	0.11	0.37		0.59	0.10	0.35	
2-Methylpentane	0.13	9.74	1.62	5.77		3.34	0.56	1.98		4.00	0.67	2.37	
3-Methylpentane	0.22	5.06	0.84	3.00		1.69	0.28	1.00		2.01	0.34	1.19	
2-Methyl-1-pentene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1-Hexene	0.32	0.14	U	0.02	U	0.08	ND	ND		ND	ND	ND	
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Hexane	0.21	5.59	0.93	3.31		1.41	0.24	0.84		3.65	0.61	2.16	
trans-2-Hexene	0.21	0.17	U	0.03	U	0.10	ND	ND		ND	ND	ND	
cis-2-Hexene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Methylcyclopentane	0.21	2.59	0.43	1.50		0.67	0.11	0.39		1.73	0.29	1.00	
2,4-Dimethylpentane	0.22	0.55	0.08	0.28		0.21	U	0.03	U	0.10	0.25	0.04	0.13
Benzene	0.18	3.36	0.56	1.80		1.66	0.28	0.89		1.92	0.32	1.03	
Cyclohexane	0.16	1.68	0.28	0.97		0.32	0.05	0.18		0.92	0.15	0.53	
2-Methylhexane	0.21	1.64	0.23	0.97		0.59	0.08	0.35		0.58	0.08	0.34	
2,3-Dimethylpentane	0.28	0.92	0.13	0.55		0.54	0.08	0.32		0.36	0.05	0.21	
3-Methylhexane	0.17	1.63	0.23	0.96		0.98	0.14	0.58		1.18	0.17	0.70	
1-Heptene	0.17	0.54	0.08	0.31		ND	ND	ND		0.52	0.07	0.30	
2,2,4-Trimethylpentane	0.19	2.31	0.29	1.36		1.25	0.16	0.74		0.92	0.11	0.54	
n-Heptane	0.23	2.14	0.31	1.26		0.53	0.08	0.31		1.31	0.19	0.77	
Methylcyclohexane	0.25	2.11	0.30	1.22		0.42	0.06	0.24		1.25	0.18	0.72	
2,2,3-Trimethylpentane	0.25	0.57	0.07	0.33		0.17	U	0.02	U	0.10	0.21	U	0.12
2,3,4-Trimethylpentane	0.20	0.59	0.07	0.35		0.25	0.03	0.14		0.23	0.03	0.14	
Toluene	0.20	6.72	0.96	3.65		2.99	0.43	1.63		2.95	0.42	1.60	
2-Methylheptane	0.17	0.55	0.07	0.32		0.15	U	0.02	U	0.09	0.27	0.03	0.16
3-Methylheptane	0.20	0.47	0.06	0.27		0.15	U	0.02	U	0.09	0.22	0.03	0.13
1-Octene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Octane	0.21	0.92	0.12	0.54		0.24	0.03	0.14		0.58	0.07	0.34	
Ethylbenzene	0.21	0.99	0.12	0.59		0.48	0.06	0.29		0.46	0.06	0.28	
m-Xylene/p-Xylene	0.16	2.87	0.36	1.57		1.38	0.17	0.76		1.20	0.15	0.66	
Styrene	0.20	0.87	0.11	0.47		0.18	U	0.02	U	0.10	0.12	U	0.07
o-Xylene	0.19	1.11	0.14	0.60		0.52	0.06	0.28		0.49	0.06	0.27	
1-Nonene	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Nonane	0.11	0.51	0.06	0.30		0.17	0.02	0.10		0.52	0.06	0.30	
Isopropylbenzene	0.18	ND	ND	ND		ND	ND	ND		0.13	U	0.01	U
a-Pinene	0.18	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Propylbenzene	0.21	0.26	0.03	0.14		0.14	U	0.02	U	0.07	0.19	U	0.11
m-Ethyltoluene	0.15	0.80	0.09	0.44		0.36	0.04	0.20		0.41	0.05	0.23	
p-Ethyltoluene	0.19	0.45	0.05	0.25		0.22	0.02	0.12		0.35	0.04	0.19	
1,3,5-Trimethylbenzene	0.18	0.47	0.05	0.26		0.24	0.03	0.13		0.37	0.04	0.20	
o-Ethyltoluene	0.22	0.37	0.04	0.20		0.22	0.02	0.12		0.31	0.03	0.17	
b-Pinene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
1,2,4-Trimethylbenzene	0.21	1.13	0.13	0.62		0.48	0.05	0.26		0.68	0.08	0.37	
1-Decene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Decane	0.25	0.42	0.04	0.25		0.15	U	0.02	U	0.09	0.64	0.06	0.37
1,2,3-Trimethylbenzene	0.19	0.25	0.03	0.14		0.13	U	0.01	U	0.07	0.19	0.02	0.11
m-Diethylbenzene	0.20	0.14	U	0.01	U	0.08	0.12	U	0.01	U	0.12	U	0.07
p-Diethylbenzene	0.22	0.15	U	0.02	U	0.08	ND	ND		ND	0.12	U	0.07
1-Undecene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Undecane	0.24	0.32	0.03	0.19		0.12	U	0.01	U	0.07	0.22	U	0.13
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Dodecane	0.49	0.27	U	0.02	U	0.16	0.15	U	0.01	U	0.20	U	0.12
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
TNMOC (speciated)		242.49	69.15	144.29		67.46	18.45	39.71		173.67	53.43	103.90	
TNMOC, ppbC (w/ unknowns)		272.04	272.04	272.04		104.38	104.38	104.38		190.96	190.96	190.96	

U Under detection limit.
ND Not detected.

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Sample No.:		POOK 3121902-01			POOK 3122401-01			POOK 3122401-02		
Sampling Date:		12/17/2003			12/20/2003			12/20/2003		
Analysis Date:		12/22/2003			1/9/2004			1/9/2004		
Filename:		L3LV004			L4A1006			L4AH014		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	5.65	2.83	3.27	3.60	1.80	2.09	3.39	1.70	1.96
Acetylene	0.11	12.00	6.00	6.44	8.45	4.22	4.54	8.23	4.12	4.42
Ethane	0.17	47.29	23.65	29.33	18.50	9.25	11.48	17.92	8.96	11.12
Propylene	0.11	2.22	0.74	1.28	1.56	0.52	0.90	1.46	0.49	0.85
Propane	0.19	45.57	15.19	27.64	67.58	22.53	40.98	66.48	22.16	40.31
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	10.42	2.61	6.25	40.82	10.20	24.47	40.69	10.17	24.39
Isobutene/1-Butene	0.17	1.48	0.37	0.86	1.17	0.29	0.68	1.11	0.28	0.64
1,3-Butadiene	0.17	0.40	0.10	0.22	0.25	0.06	0.14	0.22	0.06	0.12
n-Butane	0.17	33.20	8.30	19.90	46.39	11.60	27.81	45.86	11.46	27.49
trans-2-Butene	0.17	0.48	0.12	0.28	0.27	0.07	0.15	0.33	0.08	0.19
cis-2-Butene	0.16	0.31	0.08	0.18	0.26	0.07	0.15	0.23	0.06	0.13
3-Methyl-1-butene	0.16	0.14	0.03	0.08	ND	ND	ND	ND	ND	ND
Isopentane	0.19	13.14	2.63	7.82	8.24	1.65	4.90	6.78	1.36	4.03
1-Pentene	0.20	0.25	0.05	0.15	ND	ND	ND	ND	ND	ND
2-Methyl-1-butene	0.20	0.43	0.09	0.25	0.35	0.07	0.20	0.34	0.07	0.20
n-Pentane	0.19	13.02	2.60	7.75	7.59	1.52	4.52	6.16	1.23	3.67
Isoprene	0.20	0.24	0.05	0.13	0.56	0.11	0.32	0.61	0.12	0.34
trans-2-Pentene	0.21	0.70	0.14	0.41	0.53	0.11	0.32	0.51	0.10	0.30
cis-2-Pentene	0.22	0.32	0.06	0.19	0.23	0.05	0.14	0.22	0.04	0.13
2-Methyl-2-butene	0.22	0.91	0.18	0.53	0.66	0.13	0.38	0.63	0.13	0.36
2,2-Dimethylbutane	0.20	0.62	0.10	0.37	11.73	1.95	6.95	11.98	2.00	7.10
Cyclopentene	0.20	0.39	0.08	0.22	0.38	0.08	0.21	0.27	0.05	0.15
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.13	0.02	0.07
Cyclopentane	0.20	1.11	0.22	0.64	1.64	0.33	0.95	1.69	0.34	0.98
2,3-Dimethylbutane	0.20	1.17	0.20	0.69	28.80	4.80	17.06	29.64	4.94	17.56
2-Methylpentane	0.13	6.77	1.13	4.01	128.98	21.50	76.43	132.82	22.14	78.70
3-Methylpentane	0.22	3.57	0.60	2.12	66.53	11.09	39.42	68.00	11.33	40.29
2-Methyl-1-pentene	0.22	0.12	0.02	0.07	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.20	0.03	0.12	0.19	0.03	0.11	0.12	0.02	0.07
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	5.71	0.95	3.38	21.05	3.51	12.47	19.94	3.32	11.82
trans-2-Hexene	0.21	0.20	0.03	0.12	0.14	0.02	0.08	0.18	0.03	0.10
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	2.75	0.46	1.59	3.70	0.62	2.14	3.20	0.53	1.85
2,4-Dimethylpentane	0.22	0.63	0.09	0.32	0.41	0.06	0.21	0.46	0.07	0.23
Benzene	0.18	4.18	0.70	2.25	2.80	0.47	1.51	2.74	0.46	1.47
Cyclohexane	0.16	1.95	0.33	1.13	1.05	0.18	0.61	1.02	0.17	0.59
2-Methylhexane	0.21	1.46	0.21	0.86	0.86	0.12	0.51	0.73	0.10	0.43
2,3-Dimethylpentane	0.28	0.90	0.13	0.53	0.48	0.07	0.29	0.54	0.08	0.32
3-Methylhexane	0.17	1.93	0.28	1.14	0.97	0.14	0.57	1.13	0.16	0.67
1-Heptene	0.17	0.47	0.07	0.27	0.27	0.04	0.15	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.78	0.35	1.64	2.01	0.25	1.18	2.00	0.25	1.18
n-Heptane	0.23	2.44	0.35	1.44	1.10	0.16	0.65	1.17	0.17	0.69
Methylcyclohexane	0.25	2.48	0.35	1.44	1.02	0.15	0.59	0.83	0.12	0.48
2,2,3-Trimethylpentane	0.25	0.68	0.09	0.40	0.36	0.05	0.21	0.37	0.05	0.22
2,3,4-Trimethylpentane	0.20	0.74	0.09	0.43	0.57	0.07	0.33	0.50	0.06	0.30
Toluene	0.20	7.48	1.07	4.06	9.54	1.36	5.18	8.49	1.21	4.61
2-Methylheptane	0.17	0.60	0.07	0.35	0.37	0.05	0.22	0.32	0.04	0.19
3-Methylheptane	0.20	0.54	0.07	0.32	0.30	0.04	0.18	0.26	0.03	0.15
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.12	0.14	0.66	0.52	0.06	0.30	0.62	0.08	0.36
Ethylbenzene	0.21	1.24	0.15	0.74	1.22	0.15	0.73	1.18	0.15	0.71
m-Xylene/p-Xylene	0.16	4.05	0.51	2.22	3.84	0.48	2.10	3.65	0.46	2.00
Styrene	0.20	0.63	0.08	0.34	1.97	0.25	1.06	1.10	0.14	0.59
o-Xylene	0.19	1.50	0.19	0.82	1.34	0.17	0.73	1.28	0.16	0.70
1-Nonene	0.19	ND	ND	ND	0.18	0.02	0.10	ND	ND	ND
n-Nonane	0.11	0.51	0.06	0.30	0.31	0.03	0.18	0.35	0.04	0.21
Isopropylbenzene	0.18	0.12	0.01	0.07	ND	ND	ND	0.13	0.01	0.07
a-Pinene	0.18	ND	ND	ND	3.49	0.35	1.96	4.73	0.47	2.66
n-Propylbenzene	0.21	0.31	0.03	0.17	0.30	0.03	0.16	0.25	0.03	0.14
m-Ethyltoluene	0.15	1.01	0.11	0.56	1.18	0.13	0.65	2.76	0.31	1.52
p-Ethyltoluene	0.19	0.53	0.06	0.29	0.43	0.05	0.24	0.34	0.04	0.19
1,3,5-Trimethylbenzene	0.18	0.68	0.08	0.37	0.42	0.05	0.23	0.44	0.05	0.24
o-Ethyltoluene	0.22	0.39	0.04	0.21	0.30	0.03	0.17	0.32	0.04	0.17
b-Pinene	0.22	ND	ND	ND	14.22	1.42	7.99	0.53	0.05	0.30
1,2,4-Trimethylbenzene	0.21	1.52	0.17	0.84	1.19	0.13	0.65	1.03	0.11	0.57
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.37	0.04	0.22	0.26	0.03	0.15	0.33	0.03	0.19
1,2,3-Trimethylbenzene	0.19	0.32	0.04	0.17	0.31	0.03	0.17	0.18	0.02	0.10
m-Diethylbenzene	0.20	0.15	0.02	0.08	0.13	0.01	0.07	0.14	0.01	0.08
p-Diethylbenzene	0.22	0.17	0.02	0.10	0.16	0.02	0.09	0.12	0.01	0.07
1-Undecene	0.22	ND	ND	ND	0.48	0.04	0.28	ND	ND	ND
n-Undecane	0.24	0.25	0.02	0.15	0.30	0.03	0.18	0.29	0.03	0.17
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.17	0.01	0.10	0.31	0.03	0.18	0.32	0.03	0.19
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	0.13	0.01	0.07
TNMOC (speciated)		255.11	75.63	151.30	525.10	114.90	310.76	509.90	112.54	302.19
TNMOC, ppbC (w/ unknowns)		291.34	291.34	291.34	621.96	621.96	621.96	584.76	584.76	584.76

U Under detection limit.
ND Not detected.

Ponca City, OK (POOK) 2003 UATMP SNMOC Final Data Report

Sample No.:		POOK 3122601-01				POOK 3123001-01				POOK 4010501-01			
Sampling Date:		12/23/2003				12/26/2003				12/29/2003			
Analysis Date:		1/9/2004				1/9/2004				1/9/2004			
Filename:		L4AH005				L4AH012				L4AH019			
	MDL	ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³		ppbC	ppbV	ug/m ³	
Ethylene	0.15	8.12	4.06	4.70		3.38	1.69	1.96		2.80	1.40	1.62	
Acetylene	0.11	13.28	6.64	7.13		5.06	2.53	2.72		4.19	2.09	2.25	
Ethane	0.17	25.27	12.64	15.68		22.12	11.06	13.72		22.94	11.47	14.23	
Propylene	0.11	3.42	1.14	1.98		1.39	0.46	0.81		1.27	0.42	0.73	
Propane	0.19	14.97	4.99	9.08		30.58	10.19	18.54		33.48	11.16	20.30	
Propyne	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
Isobutane	0.14	7.18	1.79	4.30		12.78	3.20	7.66		14.49	3.62	8.69	
Isobutene/1-Butene	0.17	2.12	0.53	1.22		0.77	0.19	0.44		0.95	0.24	0.55	
1,3-Butadiene	0.17	0.65	0.16	0.36		ND	ND	ND		0.13	U	0.03	U
n-Butane	0.17	29.33	7.33	17.58		25.62	8.40	15.35		28.31	7.08	16.97	
trans-2-Butene	0.17	0.47	0.12	0.27		ND	ND	ND		0.33	0.08	0.19	
cis-2-Butene	0.16	0.51	0.13	0.29		0.17	0.04	0.10		0.24	0.06	0.14	
3-Methyl-1-butene	0.16	0.19	U	0.04	U	0.11	ND	ND		ND	ND	ND	
Isopentane	0.19	12.70	2.54	7.56		10.65	2.13	6.34		9.16	1.83	5.45	
1-Pentene	0.20	0.33	0.07	0.19		0.14	U	0.03	U	0.08	0.12	U	0.07
2-Methyl-1-butene	0.20	0.80	0.16	0.47		0.20	U	0.04	U	0.12	0.28	0.06	0.16
n-Pentane	0.19	10.01	2.00	5.96		9.73	1.95	5.79		8.70	1.74	5.18	
Isoprene	0.20	0.41	0.08	0.23		ND	ND	ND		0.12	U	0.02	U
trans-2-Pentene	0.21	1.33	0.27	0.79		0.23	0.05	0.14		0.40	0.08	0.24	
cis-2-Pentene	0.22	0.62	0.12	0.37		0.12	U	0.02	U	0.07	0.17	U	0.10
2-Methyl-2-butene	0.22	1.76	0.35	1.02		0.33	0.07	0.19		0.45	0.09	0.26	
2,2-Dimethylbutane	0.20	0.83	0.14	0.49		1.56	0.26	0.92		2.96	0.49	1.75	
Cyclopentene	0.20	1.17	0.23	0.66		0.39	0.08	0.22		0.15	U	0.03	U
4-Methyl-1-pentene	0.20	ND	ND	ND		ND	ND	ND		0.15	U	0.02	U
Cyclopentane	0.20	0.95	0.19	0.55		0.73	0.15	0.42		0.97	0.19	0.56	
2,3-Dimethylbutane	0.20	1.60	0.27	0.95		3.02	0.50	1.79		7.10	1.18	4.21	
2-Methylpentane	0.13	6.66	1.11	3.95		15.32	2.55	9.08		33.58	5.60	19.90	
3-Methylpentane	0.22	4.31	0.72	2.55		7.81	1.30	4.63		16.83	2.81	9.97	
2-Methyl-1-pentene	0.22	0.19	U	0.03	U	0.11	ND	ND		ND	ND	ND	
1-Hexene	0.32	0.21	U	0.04	U	0.13	U	0.02	U	0.08	0.12	U	0.07
2-Ethyl-1-butene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Hexane	0.21	4.84	0.81	2.87		5.12	0.85	3.03		6.59	1.10	3.90	
trans-2-Hexene	0.21	0.30	U	0.05	U	0.18	ND	ND		ND	ND	ND	
cis-2-Hexene	0.21	0.16	U	0.03	U	0.09	ND	ND		ND	ND	ND	
Methylcyclopentane	0.21	2.40	0.40	1.39		2.07	0.34	1.20		1.98	0.33	1.15	
2,4-Dimethylpentane	0.22	0.92	0.13	0.47		0.27	0.04	0.13		0.49	0.07	0.25	
Benzene	0.18	6.05	1.01	3.25		2.36	0.39	1.27		2.05	0.34	1.10	
Cyclohexane	0.16	0.86	0.14	0.50		1.33	0.22	0.77		1.11	0.18	0.64	
2-Methylhexane	0.21	1.52	0.22	0.90		0.91	0.13	0.54		0.64	0.09	0.38	
2,3-Dimethylpentane	0.28	1.13	0.16	0.67		0.30	0.04	0.18		0.49	0.07	0.29	
3-Methylhexane	0.17	2.40	0.34	1.42		1.19	0.17	0.70		ND	ND	ND	
1-Heptene	0.17	ND	ND	ND		0.74	0.11	0.43		ND	ND	ND	
2,2,4-Trimethylpentane	0.19	5.10	0.64	3.01		0.78	0.10	0.46		1.94	0.24	1.14	
n-Heptane	0.23	1.77	0.25	1.04		1.60	0.23	0.95		1.27	0.18	0.75	
Methylcyclohexane	0.25	1.16	0.17	0.67		1.64	0.23	0.95		1.25	0.18	0.72	
2,2,3-Trimethylpentane	0.25	1.05	0.13	0.62		0.25	0.03	0.15		0.36	0.04	0.21	
2,3,4-Trimethylpentane	0.20	1.41	0.18	0.83		0.17	U	0.02	U	0.10	0.38	0.05	0.23
Toluene	0.20	13.76	1.97	7.47		2.58	0.37	1.40		4.37	0.62	2.37	
2-Methylheptane	0.17	0.69	0.09	0.41		0.43	0.05	0.25		0.36	0.05	0.21	
3-Methylheptane	0.20	0.62	0.08	0.36		0.29	0.04	0.17		0.28	0.03	0.16	
1-Octene	0.20	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Octane	0.21	0.77	0.10	0.45		0.83	0.10	0.49		0.58	0.07	0.34	
Ethylbenzene	0.21	2.10	0.26	1.26		0.46	0.06	0.28		0.68	0.08	0.40	
m-Xylene/p-Xylene	0.16	7.17	0.90	3.92		1.28	0.16	0.70		2.10	0.26	1.15	
Styrene	0.20	0.82	0.10	0.44		0.58	0.07	0.31		0.15	U	0.02	U
o-Xylene	0.19	2.61	0.33	1.43		0.52	0.07	0.29		0.75	0.09	0.41	
1-Nonene	0.19	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Nonane	0.11	0.43	0.05	0.25		0.49	0.05	0.29		0.38	0.04	0.22	
Isopropylbenzene	0.18	0.14	U	0.02	U	0.08	ND	ND		ND	ND	ND	
a-Pinene	0.18	0.17	U	0.02	U	0.10	ND	ND		ND	ND	ND	
n-Propylbenzene	0.21	0.55	0.06	0.30		0.17	U	0.02	U	0.10	0.19	U	0.11
m-Ethyltoluene	0.15	1.77	0.20	0.98		0.34	0.04	0.19		0.47	0.05	0.26	
p-Ethyltoluene	0.19	0.83	0.09	0.46		0.27	0.03	0.15		0.30	0.03	0.17	
1,3,5-Trimethylbenzene	0.18	1.03	0.11	0.57		0.32	0.04	0.18		0.33	0.04	0.18	
o-Ethyltoluene	0.22	0.77	0.09	0.42		0.19	U	0.02	U	0.11	0.29	0.03	0.16
b-Pinene	0.22	0.18	U	0.02	U	0.10	0.30	0.03		0.17	ND	ND	
1,2,4-Trimethylbenzene	0.21	2.62	0.29	1.44		0.69	0.08	0.38		0.71	0.08	0.39	
1-Decene	0.21	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Decane	0.25	0.41	0.04	0.24		0.48	0.05	0.28		0.38	0.04	0.22	
1,2,3-Trimethylbenzene	0.19	0.52	0.06	0.29		0.17	U	0.02	U	0.09	0.18	U	0.10
m-Diethylbenzene	0.20	0.25	0.03	0.14		0.14	U	0.01	U	0.08	ND	ND	
p-Diethylbenzene	0.22	0.21	U	0.02	U	0.12	ND	ND		ND	ND	ND	
1-Undecene	0.22	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Undecane	0.24	0.26	0.02	0.15		0.29	0.03	0.17		0.19	U	0.02	U
1-Dodecene	0.24	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Dodecane	0.49	0.21	U	0.02	U	0.12	0.23	U	0.02	U	0.12	U	0.07
1-Tridecene	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
n-Tridecane	0.49	ND	ND	ND		ND	ND	ND		ND	ND	ND	
TNMOC (speciated)		219.34	57.47	128.07		182.01	49.18	108.21		221.75	56.38	131.80	
TNMOC, ppbC (w/ unknowns)		243.86	243.86	243.86		210.05	210.05	210.05		249.61	249.61	249.61	

U Under detection limit.
ND Not detected.

Blait Street, St. Louis, MI (S4MO) 2003 UATMP SNMOC Final Data Report

Sample No.:		S4MO 31486			S4MO 31488			S4MO 31650					
Sampling Date:		1/3/2003			1/9/2003			1/15/2003					
Analysis Date:		1/20/2003			1/21/2003			2/14/2003					
Filename:		L3AT013			L3AT018			N3BN006					
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³			
Ethylene	0.15	11.66	5.83	6.75	4.73	2.36	2.74	6.96	3.48	4.03			
Acetylene	0.11	8.39	4.19	4.50	3.92	1.96	2.10	6.34	3.17	3.41			
Ethane	0.17	22.30	11.15	13.83	17.51	8.75	10.86	15.76	7.88	9.78			
Propylene	0.11	4.33	1.44	2.50	1.52	0.51	0.88	3.51	1.17	2.03			
Propane	0.19	13.95	4.65	8.46	11.98	3.99	7.26	13.12	4.37	7.96			
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Isobutane	0.14	4.57	1.14	2.74	6.95	1.74	4.17	3.53	0.88	2.11			
Isobutene/1-Butene	0.17	2.69	0.67	1.56	1.18	0.29	0.68	1.41	0.35	0.82			
1,3-Butadiene	0.17	0.66	0.17	0.37	ND	ND	ND	0.40	0.10	0.23			
n-Butane	0.17	12.30	3.08	7.37	10.99	2.75	6.59	9.96	2.49	5.97			
trans-2-Butene	0.17	0.30	0.07	0.17	ND	ND	ND	0.24	0.06	0.14			
cis-2-Butene	0.16	0.40	0.10	0.23	ND	ND	ND	0.29	0.07	0.17			
3-Methyl-1-butene	0.16	0.26	0.05	0.15	ND	ND	ND	ND	ND	ND			
Isopentane	0.19	10.86	2.17	6.47	8.84	1.77	5.26	6.57	1.31	3.91			
1-Pentene	0.20	0.40	0.08	0.23	1.04	0.21	0.60	0.43	0.09	0.25			
2-Methyl-1-butene	0.20	0.62	0.12	0.36	0.36	0.07	0.21	0.38	0.08	0.22			
n-Pentane	0.19	4.01	0.80	2.39	12.67	2.53	7.54	2.46	0.49	1.47			
Isoprene	0.20	0.57	0.11	0.32	0.40	0.08	0.22	0.28	0.06	0.16			
trans-2-Pentene	0.21	0.74	0.15	0.44	0.46	0.09	0.28	0.52	0.10	0.31			
cis-2-Pentene	0.22	0.43	0.09	0.26	0.32	0.06	0.19	0.24	0.05	0.15			
2-Methyl-2-butene	0.22	0.60	0.12	0.35	0.54	0.11	0.31	ND	ND	ND			
2,2-Dimethylbutane	0.20	0.65	0.11	0.38	0.32	0.05	0.19	0.41	0.07	0.24			
Cyclopentene	0.20	0.26	0.05	0.15	0.34	0.07	0.19	0.48	0.10	0.27			
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.68	0.11	0.40			
Cyclopentane	0.20	0.60	0.12	0.35	0.63	0.13	0.37	0.37	0.07	0.22			
2,3-Dimethylbutane	0.20	1.17	0.19	0.69	0.74	0.12	0.44	0.72	0.12	0.42			
2-Methylpentane	0.13	4.60	0.77	2.73	2.31	0.39	1.37	2.55	0.42	1.51			
3-Methylpentane	0.22	4.38	0.73	2.60	2.16	0.36	1.28	1.80	0.30	1.06			
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1-Hexene	0.32	0.32	U	0.05	U	0.19	ND	0.24	U	0.04	U	0.14	
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Hexane	0.21	6.61	1.10	3.91	2.26	0.38	1.34	2.72	0.45	1.61			
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND			
cis-2-Hexene	0.21	1.54	0.26	0.91	ND	ND	ND	ND	ND	ND			
Methylcyclopentane	0.21	2.57	0.43	1.48	1.06	0.18	0.61	1.23	0.21	0.71			
2,4-Dimethylpentane	0.22	0.81	0.12	0.41	0.59	0.08	0.30	0.51	0.07	0.26			
Benzene	0.18	3.76	0.63	2.02	2.00	0.33	1.07	2.98	0.50	1.60			
Cyclohexane	0.16	0.97	0.16	0.56	1.55	0.26	0.90	0.92	0.15	0.53			
2-Methylhexane	0.21	1.82	0.26	1.07	2.96	0.42	1.75	1.96	0.28	1.16			
2,3-Dimethylpentane	0.28	1.35	0.19	0.80	1.01	0.14	0.59	0.83	0.12	0.49			
3-Methylhexane	0.17	2.63	0.38	1.55	1.68	0.24	0.99	1.24	0.18	0.73			
1-Heptene	0.17	ND	ND	ND	0.24	U	0.03	U	0.14	U	0.02	U	0.08
2,2,4-Trimethylpentane	0.19	3.03	0.38	1.78	1.53	0.19	0.90	1.70	0.21	1.00			
n-Heptane	0.23	2.07	0.30	1.22	1.23	0.18	0.73	1.03	0.15	0.61			
Methylcyclohexane	0.25	0.89	0.13	0.51	0.62	0.09	0.36	0.61	0.09	0.35			
2,2,3-Trimethylpentane	0.25	0.59	0.07	0.35	0.23	0.03	0.14	0.15	U	0.02	U	0.09	
2,3,4-Trimethylpentane	0.20	0.92	0.12	0.54	0.57	0.07	0.34	0.72	0.09	0.42			
Toluene	0.20	11.27	1.61	6.12	9.04	1.29	4.91	8.37	1.20	4.54			
2-Methylheptane	0.17	0.42	0.05	0.25	0.22	0.03	0.13	0.40	0.05	0.23			
3-Methylheptane	0.20	0.62	0.08	0.36	0.33	0.04	0.19	0.38	0.05	0.23			
1-Octene	0.20	ND	ND	ND	ND	ND	ND	0.20	U	0.03	U	0.12	
n-Octane	0.21	0.90	0.11	0.53	0.48	0.06	0.28	0.69	0.09	0.41			
Ethylbenzene	0.21	1.94	0.24	1.16	1.07	0.13	0.64	1.64	0.20	0.98			
m-Xylene/p-Xylene	0.16	4.33	0.54	2.37	3.07	0.38	1.68	4.57	0.57	2.50			
Styrene	0.20	ND	ND	ND	0.32	0.04	0.17	0.35	0.04	0.19			
o-Xylene	0.19	1.78	0.22	0.97	1.19	0.15	0.65	1.63	0.20	0.89			
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	0.30	0.03	0.17			
n-Nonane	0.11	0.55	0.06	0.32	0.77	0.09	0.45	0.64	0.07	0.38			
Isopropylbenzene	0.18	ND	ND	ND	ND	ND	ND	0.18	0.02	0.10			
a-Pinene	0.18	ND	ND	ND	0.49	0.05	0.28	ND	ND	ND			
n-Propylbenzene	0.21	0.32	0.04	0.17	0.28	0.03	0.15	0.38	0.04	0.21			
m-Ethyltoluene	0.15	0.63	0.07	0.34	0.83	0.09	0.45	1.04	0.12	0.57			
p-Ethyltoluene	0.19	0.46	0.05	0.25	0.69	0.08	0.38	0.56	0.06	0.31			
1,3,5-Trimethylbenzene	0.18	ND	ND	ND	0.63	0.07	0.35	0.65	0.07	0.36			
o-Ethyltoluene	0.22	0.49	0.05	0.27	0.52	0.06	0.29	0.68	0.08	0.37			
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene	0.21	0.47	0.05	0.26	1.37	0.15	0.76	1.50	0.17	0.83			
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Decane	0.25	0.77	0.08	0.45	1.57	0.16	0.92	1.16	0.12	0.68			
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	0.25	0.03	0.13	0.31	0.03	0.17			
m-Diethylbenzene	0.20	ND	ND	ND	ND	ND	ND	0.13	U	0.01	U	0.07	
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	0.11	U	0.01	U	0.06	
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Undecane	0.24	0.29	0.03	0.17	1.31	0.12	0.77	0.67	0.06	0.39			
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Dodecane	0.49	ND	ND	ND	0.67	0.06	0.39	0.18	U	0.01	U	0.10	
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND			
TNMOC (speciated)		166.79	46.01	97.68	132.52	34.12	77.86	123.12	33.32	71.88			
TNMOC, ppbC (w/ unknowns)		276.19	276.19	276.19	221.40	221.40	221.40	150.86	150.86	150.86			

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 31651			S4MO 31837 D1			S4MO 31837 R1		
Sampling Date:		1/21/2003			1/27/2003			1/27/2003		
Analysis Date:		2/19/2003			2/20/2003			2/27/2003		
Filename:		N3BS005			N3BS019			N3B-007		
	MDL	ppbC	ppbV	ug/m ³	ppbC		ug/m ³	ppbC		ug/m ³
Ethylene	0.15	3.36	1.68	1.95	4.23	2.12	2.45	4.15	*	2.07
Acetylene	0.11	2.64	1.32	1.42	4.28	2.14	2.30	4.23	2.11	2.27
Ethane	0.17	12.74	6.37	7.90	12.97	6.49	8.05	12.92	6.46	8.01
Propylene	0.11	1.44	0.48	0.83	1.69	0.56	0.98	1.75	0.58	1.01
Propane	0.19	8.21	2.74	4.98	14.50	4.83	8.79	14.34	4.78	8.70
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	3.36	0.84	2.02	6.31	1.58	3.78	6.28	1.57	3.76
Isobutene/1-Butene	0.17	0.98	0.25	0.57	1.08	0.27	0.62	1.04	0.26	0.60
1,3-Butadiene	0.17	0.12	U	0.03	U	0.06	0.25	0.06	0.14	0.36
n-Butane	0.17	7.58	1.90	4.55	11.24	2.81	6.73	11.23	2.81	6.73
trans-2-Butene	0.17	0.27	0.07	0.16	0.26	0.06	0.15	0.23	0.06	0.13
cis-2-Butene	0.16	0.29	0.07	0.17	0.30	0.08	0.18	0.21	0.05	0.12
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	4.93	0.99	2.93	5.52	1.10	3.29	5.50	1.10	3.27
1-Pentene	0.20	0.27	0.05	0.16	0.30	0.06	0.17	ND	ND	ND
2-Methyl-1-butene	0.20	0.21	U	0.04	U	0.12	0.29	0.24	0.05	0.14
n-Pentane	0.19	2.77	0.55	1.65	2.73	0.55	1.63	2.63	0.53	1.57
Isoprene	0.20	0.21	0.04	0.12	0.45	0.09	0.26	0.42	0.08	0.24
trans-2-Pentene	0.21	0.35	0.07	0.21	0.46	0.09	0.27	0.37	0.07	0.22
cis-2-Pentene	0.22	0.25	0.05	0.15	0.32	0.06	0.19	0.25	0.05	0.15
2-Methyl-2-butene	0.22	0.23	0.05	0.13	ND	ND	ND	0.34	0.07	0.20
2,2-Dimethylbutane	0.20	0.41	0.07	0.24	0.53	0.09	0.31	0.46	0.08	0.27
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.41	0.08	0.24	0.46	0.09	0.27	0.49	0.10	0.28
2,3-Dimethylbutane	0.20	0.56	0.09	0.33	1.22	0.20	0.72	0.90	0.15	0.53
2-Methylpentane	0.13	1.47	0.24	0.87	2.21	0.37	1.31	2.24	0.37	1.33
3-Methylpentane	0.22	1.20	0.20	0.71	1.69	0.28	1.00	1.64	0.27	0.97
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.39	0.06	0.23	0.38	0.06	0.23	0.28	U	0.05
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.44	0.24	0.85	2.83	0.47	1.67	2.14	0.36	1.27
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.74	0.12	0.43	1.00	0.17	0.58	1.03	0.17	0.60
2,4-Dimethylpentane	0.22	0.34	0.05	0.17	1.02	0.15	0.52	0.86	0.12	0.44
Benzene	0.18	2.05	0.34	1.10	3.51	0.59	1.89	3.42	0.57	1.84
Cyclohexane	0.16	0.46	0.08	0.27	0.97	0.16	0.56	0.94	0.16	0.54
2-Methylhexane	0.21	1.19	0.17	0.70	1.89	0.27	1.12	1.44	0.21	0.85
2,3-Dimethylpentane	0.28	0.57	0.08	0.34	1.61	0.23	0.95	1.52	0.22	0.90
3-Methylhexane	0.17	0.68	0.10	0.40	1.43	0.20	0.85	1.44	0.21	0.85
1-Heptene	0.17	0.16	U	0.02	U	0.09	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.83	0.10	0.49	2.00	0.25	1.18	1.98	0.25	1.16
n-Heptane	0.23	0.65	0.09	0.38	0.99	0.14	0.59	0.99	0.14	0.59
Methylcyclohexane	0.25	0.63	0.09	0.37	0.89	0.13	0.51	0.93	0.13	0.54
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.34	0.04	0.20	0.88	0.11	0.52	0.81	0.10	0.48
Toluene	0.20	3.26	0.47	1.77	7.48	1.07	4.06	7.60	1.09	4.13
2-Methylheptane	0.17	0.32	0.04	0.19	0.36	0.05	0.21	0.32	0.04	0.19
3-Methylheptane	0.20	0.32	0.04	0.19	0.38	0.05	0.23	0.37	0.05	0.22
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.54	0.07	0.32	0.54	0.07	0.32	0.53	0.07	0.31
Ethylbenzene	0.21	0.71	0.09	0.43	1.16	0.14	0.69	1.31	0.16	0.78
m-Xylene/p-Xylene	0.16	1.69	0.21	0.92	3.27	0.41	1.79	3.13	0.39	1.71
Styrene	0.20	0.14	U	0.02	U	0.07	0.30	0.24	0.03	0.13
o-Xylene	0.19	0.66	0.08	0.36	1.26	0.16	0.69	1.31	0.16	0.72
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.34	0.04	0.20	0.33	0.04	0.19	0.30	0.03	0.18
Isopropylbenzene	0.18	0.14	U	0.02	U	0.08	0.17	0.15	U	0.02
a-Pinene	0.18	0.30	0.03	0.17	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.30	0.03	0.17	0.31	0.03	0.17	0.29	0.03	0.16
m-Ethyltoluene	0.15	0.54	0.06	0.30	0.62	0.07	0.34	0.62	0.07	0.34
p-Ethyltoluene	0.19	0.36	0.04	0.20	0.39	0.04	0.22	0.34	0.04	0.18
1,3,5-Trimethylbenzene	0.18	0.32	0.04	0.18	0.35	0.04	0.19	0.35	0.04	0.19
o-Ethyltoluene	0.22	0.35	0.04	0.19	0.40	0.04	0.22	0.35	0.04	0.19
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.73	0.08	0.40	0.78	0.09	0.43	0.72	0.08	0.40
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.44	0.04	0.26	0.79	0.08	0.46	0.75	0.07	0.44
1,2,3-Trimethylbenzene	0.19	0.20	0.02	0.11	0.21	0.02	0.11	0.17	U	0.02
m-Diethylbenzene	0.20	0.14	U	0.01	U	0.08	0.12	ND	ND	ND
p-Diethylbenzene	0.22	0.12	U	0.01	U	0.06	ND	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.27	0.02	0.16	0.26	0.02	0.15	0.24	0.02	0.14
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.14	U	0.01	U	0.08	ND	ND	ND	ND
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		77.08	21.38	45.37	112.13	29.45	65.69	109.04	28.89	63.90
TNMOC, ppbC (w/ unknowns)		98.22	98.22	98.22	129.13	129.13	129.13	124.73	124.73	124.73

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 31838 D2			S4MO 31838 R2			S4MO 31840		
Sampling Date:		1/27/2003			1/27/2003			2/2/2003		
Analysis Date:		2/20/2003			2/27/2003			2/27/2003		
Filename:		N3BS020			N3B-008			L3B-011		
	MDL	ppbC	ug/m ³		ppbC	ug/m ³		ppbC	ppbV	ug/m ³
Ethylene	0.15	4.33	2.17	2.51	4.20	2.10	2.43	7.78	3.89	4.50
Acetylene	0.11	4.28	2.14	2.30	4.21	2.11	2.26	4.91	2.46	2.64
Ethane	0.17	12.87	6.44	7.98	12.79	6.39	7.93	0.05	0.03	0.03
Propylene	0.11	1.80	0.60	1.04	1.72	0.57	1.00	3.49	1.16	2.02
Propane	0.19	13.91	4.64	8.44	13.70	4.57	8.31	26.28	8.76	15.94
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	5.95	1.49	3.57	5.87	1.47	3.52	8.08	2.02	4.84
Isobutene/1-Butene	0.17	1.71	0.43	0.99	1.36	0.34	0.79	2.81	0.70	1.63
1,3-Butadiene	0.17	0.21	0.05	0.12	0.19	0.05	0.10	0.49	0.12	0.27
n-Butane	0.17	10.72	2.68	6.43	10.47	2.62	6.27	23.43	5.86	14.04
trans-2-Butene	0.17	0.22	0.06	0.13	0.18	0.05	0.11	0.37	0.09	0.21
cis-2-Butene	0.16	0.32	0.08	0.18	0.22	0.05	0.12	0.41	0.10	0.24
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	5.16	1.03	3.07	5.75	1.15	3.42	13.62	2.72	8.11
1-Pentene	0.20	ND	ND	ND	ND	ND	ND	1.14	0.23	0.66
2-Methyl-1-butene	0.20	0.25	0.05	0.14	0.26	0.05	0.15	0.74	0.15	0.43
n-Pentane	0.19	2.61	0.52	1.55	2.62	0.52	1.56	6.33	1.27	3.77
Isoprene	0.20	0.46	0.09	0.26	0.41	0.08	0.23	0.40	0.08	0.22
trans-2-Pentene	0.21	0.46	0.09	0.27	0.36	0.07	0.21	0.73	0.15	0.44
cis-2-Pentene	0.22	0.29	0.06	0.17	0.24	0.05	0.15	0.38	0.08	0.23
2-Methyl-2-butene	0.22	ND	ND	ND	0.37	0.07	0.21	0.89	0.18	0.51
2,2-Dimethylbutane	0.20	0.48	0.08	0.29	0.45	0.07	0.26	0.76	0.13	0.45
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	0.42	0.08	0.23
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.49	0.10	0.28	0.45	0.09	0.26	0.63	0.13	0.36
2,3-Dimethylbutane	0.20	1.12	0.19	0.66	0.92	0.15	0.55	1.22	0.20	0.72
2-Methylpentane	0.13	2.05	0.34	1.22	2.29	0.38	1.35	4.88	0.81	2.89
3-Methylpentane	0.22	1.62	0.27	0.96	1.51	0.25	0.89	4.17	0.69	2.47
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.60	0.10	0.36	0.35	0.06	0.20	0.20	0.03	0.12
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.14	0.36	1.27	2.05	0.34	1.21	6.77	1.13	4.01
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	1.55	0.26	0.92
Methylcyclopentane	0.21	0.95	0.16	0.55	0.97	0.16	0.56	2.11	0.35	1.22
2,4-Dimethylpentane	0.22	0.92	0.13	0.46	0.85	0.12	0.43	0.61	0.09	0.31
Benzene	0.18	3.53	0.59	1.89	3.54	0.59	1.90	3.93	0.66	2.11
Cyclohexane	0.16	0.94	0.16	0.55	0.96	0.16	0.56	0.80	0.13	0.47
2-Methylhexane	0.21	2.31	0.33	1.36	1.55	0.22	0.92	2.05	0.29	1.21
2,3-Dimethylpentane	0.28	1.95	0.28	1.15	1.43	0.20	0.85	1.05	0.15	0.62
3-Methylhexane	0.17	1.87	0.27	1.10	1.15	0.16	0.68	2.27	0.32	1.34
1-Heptene	0.17	0.23	0.03	0.13	ND	ND	ND	0.27	0.04	0.15
2,2,4-Trimethylpentane	0.19	1.72	0.22	1.01	2.11	0.26	1.24	1.92	0.24	1.13
n-Heptane	0.23	1.24	0.18	0.73	1.24	0.18	0.73	1.34	0.19	0.79
Methylcyclohexane	0.25	1.04	0.15	0.60	0.86	0.12	0.50	0.73	0.10	0.42
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.49	0.06	0.29
2,3,4-Trimethylpentane	0.20	0.73	0.09	0.43	0.83	0.10	0.49	0.69	0.09	0.40
Toluene	0.20	12.20	1.74	6.62	12.25	1.75	6.65	6.67	0.95	3.62
2-Methylheptane	0.17	0.39	0.05	0.23	0.37	0.05	0.22	0.57	0.07	0.33
3-Methylheptane	0.20	0.43	0.05	0.25	0.40	0.05	0.24	0.46	0.06	0.27
1-Octene	0.20	0.23	0.03	0.13	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.66	0.08	0.39	0.57	0.07	0.33	0.76	0.09	0.45
Ethylbenzene	0.21	1.24	0.15	0.74	1.15	0.14	0.69	1.10	0.14	0.66
m-Xylene/p-Xylene	0.16	2.96	0.37	1.62	2.89	0.36	1.58	3.33	0.42	1.82
Styrene	0.20	0.24	0.03	0.13	0.16	0.02	0.09	0.24	0.03	0.13
o-Xylene	0.19	1.22	0.15	0.67	1.11	0.14	0.61	1.31	0.16	0.71
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.37	0.04	0.21	0.31	0.03	0.18	0.52	0.06	0.30
Isopropylbenzene	0.18	0.23	0.03	0.13	0.16	0.02	0.09	ND	ND	ND
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	0.81	0.08	0.46
n-Propylbenzene	0.21	0.28	0.03	0.15	0.29	0.03	0.16	0.38	0.04	0.21
m-Ethyltoluene	0.15	0.54	0.06	0.30	0.53	0.06	0.29	1.05	0.12	0.58
p-Ethyltoluene	0.19	0.33	0.04	0.18	0.32	0.04	0.17	0.67	0.07	0.37
1,3,5-Trimethylbenzene	0.18	0.26	0.03	0.14	0.29	0.03	0.16	0.69	0.08	0.38
o-Ethyltoluene	0.22	0.31	0.03	0.17	0.34	0.04	0.18	0.50	0.06	0.27
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	1.04	0.10	0.59
1,2,4-Trimethylbenzene	0.21	0.72	0.08	0.40	0.68	0.08	0.37	1.44	0.16	0.79
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.63	0.06	0.37	0.43	0.04	0.25	1.03	0.10	0.60
1,2,3-Trimethylbenzene	0.19	0.24	0.03	0.13	0.15	0.02	0.08	0.35	0.04	0.19
m-Diethylbenzene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.20	0.02	0.12	0.17	0.02	0.10	1.32	0.12	0.77
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	0.26	0.02	0.15
n-Dodecane	0.49	ND	ND	ND	ND	ND	ND	0.53	0.04	0.31
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		115.12	29.72	67.24	110.97	28.93	64.82	166.18	39.24	97.35
TNMOC, ppbC (w/ unknowns)		140.91	140.91	140.91	135.97	135.97	135.97	212.24	212.24	212.24

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 31998				S4MO 32000				S4MO 32002						
Sampling Date:		2/8/2003				2/14/2003				2/20/2003						
Analysis Date:		2/28/2003				3/14/2003				3/19/2003						
Filename:		L3B-019				L3CM010				L3CR024						
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³			
Ethylene	0.15	5.52	*	2.76	*	3.19	6.70	*	3.35	*	3.88	17.50	*	8.75	*	10.13
Acetylene	0.11	6.59		3.30		3.54	5.65		2.83		3.04	11.09		5.55		5.96
Ethane	0.17	21.21		10.60		13.15	21.54		10.77		13.36	65.07		32.54		40.36
Propylene	0.11	1.73		0.58		1.00	4.23		1.41		2.44	8.46		2.82		4.90
Propane	0.19	12.20		4.07		7.40	21.18		7.06		12.84	34.28		11.43		20.79
Propyne	0.19	ND		ND		ND	ND		ND		ND	ND		ND		ND
Isobutane	0.14	4.10		1.03		2.46	3.97		0.99		2.38	8.86		2.22		5.31
Isobutene/1-Butene	0.17	1.59		0.40		0.92	1.60		0.40		0.93	4.47		1.12		2.59
1,3-Butadiene	0.17	0.30		0.08		0.17	0.42		0.10		0.23	0.99		0.25		0.55
n-Butane	0.17	9.47		2.37		5.68	11.86		2.97		7.11	26.76		6.69		16.04
trans-2-Butene	0.17	ND		ND		ND	0.18		0.04		0.10	1.08		0.27		0.62
cis-2-Butene	0.16	0.18		0.04		0.10	0.25		0.06		0.15	1.29		0.32		0.75
3-Methyl-1-butene	0.16	ND		ND		ND	ND		ND		ND	0.36		0.07		0.21
Isopentane	0.19	6.18		1.24		3.68	7.77		1.55		4.63	19.31		3.86		11.50
1-Pentene	0.20	0.83		0.17		0.48	0.46		0.09		0.27	1.43		0.29		0.82
2-Methyl-1-butene	0.20	0.26		0.05		0.15	0.35		0.07		0.20	1.25		0.25		0.73
n-Pentane	0.19	3.37		0.67		2.00	4.61		0.92		2.74	7.93		1.59		4.72
Isoprene	0.20	0.39		0.08		0.22	0.64		0.13		0.36	1.23		0.25		0.69
trans-2-Pentene	0.21	0.31		0.06		0.18	0.31		0.06		0.19	1.44		0.29		0.86
cis-2-Pentene	0.22	0.22	U	0.04	U	0.13	ND		ND		ND	1.06		0.21		0.63
2-Methyl-2-butene	0.22	0.35		0.07		0.20	0.27		0.05		0.16	1.47		0.29		0.85
2,2-Dimethylbutane	0.20	0.32		0.05		0.19	0.40		0.07		0.24	1.61		0.27		0.95
Cyclopentene	0.20	0.20	U	0.04	U	0.11	0.36		0.07		0.20	0.61		0.12		0.34
4-Methyl-1-pentene	0.20	ND		ND		ND	0.49		0.08		0.28	ND		ND		ND
Cyclopentane	0.20	0.49		0.10		0.28	0.73		0.15		0.42	1.39		0.28		0.80
2,3-Dimethylbutane	0.20	0.47		0.08		0.28	0.62		0.10		0.37	2.58		0.43		1.53
2-Methylpentane	0.13	2.14		0.36		1.27	2.59		0.43		1.53	7.46		1.24		4.42
3-Methylpentane	0.22	1.47		0.24		0.87	3.27		0.54		1.93	4.91		0.82		2.91
2-Methyl-1-pentene	0.22	ND		ND		ND	ND		ND		ND	0.26	U	0.04	U	0.15
1-Hexene	0.32	0.31	U	0.05	U	0.19	0.38		0.06		0.22	1.06		0.18		0.63
2-Ethyl-1-butene	0.22	ND		ND		ND	ND		ND		ND	ND		ND		ND
n-Hexane	0.21	1.91		0.32		1.13	2.42		0.40		1.43	7.96		1.33		4.71
trans-2-Hexene	0.21	ND		ND		ND	ND		ND		ND	0.18	U	0.03	U	0.11
cis-2-Hexene	0.21	ND		ND		ND	ND		ND		ND	0.16	U	0.03	U	0.09
Methylcyclopentane	0.21	1.10		0.18		0.63	1.34		0.22		0.78	3.85		0.64		2.23
2,4-Dimethylpentane	0.22	0.33		0.05		0.17	0.43		0.06		0.22	1.60		0.23		0.81
Benzene	0.18	2.41		0.40		1.29	9.02		1.50		4.84	4.43		0.74		2.38
Cyclohexane	0.16	0.60		0.10		0.35	0.97		0.16		0.56	1.97		0.33		1.14
2-Methylhexane	0.21	1.57		0.22		0.92	0.67		0.10		0.40	2.79		0.40		1.65
2,3-Dimethylpentane	0.28	0.66		0.09		0.39	0.58		0.08		0.34	4.54		0.65		2.68
3-Methylhexane	0.17	1.29		0.18		0.76	3.60		0.51		2.13	ND		ND		ND
1-Heptene	0.17	0.29		0.04		0.17	0.54		0.08		0.31	ND		ND		ND
2,2,4-Trimethylpentane	0.19	0.78		0.10		0.46	1.64		0.21		0.97	4.79		0.60		2.82
n-Heptane	0.23	0.90		0.13		0.53	0.98		0.14		0.58	2.06		0.29		1.22
Methylcyclohexane	0.25	0.46		0.07		0.26	0.70		0.10		0.41	3.28		0.47		1.90
2,2,3-Trimethylpentane	0.25	0.34		0.04		0.20	0.35		0.04		0.20	0.28		0.03		0.16
2,3,4-Trimethylpentane	0.20	0.31		0.04		0.18	0.56		0.07		0.33	1.69		0.21		1.00
Toluene	0.20	4.46		0.64		2.42	6.77	#	0.97		3.68	12.23		1.75		6.64
2-Methylheptane	0.17	0.32		0.04		0.19	0.56		0.07		0.33	1.47		0.18		0.87
3-Methylheptane	0.20	0.23		0.03		0.13	0.23		0.03		0.13	1.23		0.15		0.72
1-Octene	0.20	ND		ND		ND	ND		ND		ND	ND		ND		ND
n-Octane	0.21	0.34		0.04		0.20	0.61		0.08		0.36	1.55		0.19		0.91
Ethylbenzene	0.21	0.73		0.09		0.44	1.34		0.17		0.81	2.87		0.36		1.72
m-Xylene/p-Xylene	0.16	1.94		0.24		1.06	3.85		0.48		2.11	8.12		1.01		4.45
Styrene	0.20	0.57		0.07		0.31	0.37		0.05		0.20	0.59		0.07		0.32
o-Xylene	0.19	0.72		0.09		0.39	1.36		0.17		0.74	3.54		0.44		1.94
1-Nonene	0.19	ND		ND		ND	0.52		0.06		0.30	0.17	U	0.02	U	0.10
n-Nonane	0.11	0.27		0.03		0.16	0.48		0.05		0.28	1.43		0.16		0.84
Isopropylbenzene	0.18	ND		ND		ND	0.31		0.03		0.17	0.64		0.07		0.35
a-Pinene	0.18	0.35		0.03		0.19	0.55		0.06		0.31	0.79		0.08		0.44
n-Propylbenzene	0.21	0.29		0.03		0.16	0.39		0.04		0.22	1.58		0.18		0.87
m-Ethyltoluene	0.15	0.66		0.07		0.36	0.96		0.11		0.53	3.11		0.35		1.71
p-Ethyltoluene	0.19	0.49		0.05		0.27	0.43		0.05		0.24	2.11		0.23		1.16
1,3,5-Trimethylbenzene	0.18	0.43		0.05		0.24	0.56		0.06		0.31	2.14		0.24		1.18
o-Ethyltoluene	0.22	0.30		0.03		0.16	0.49		0.05		0.27	2.03		0.23		1.12
b-Pinene	0.22	0.24	U	0.02	U	0.14	ND		ND		ND	ND		ND		ND
1,2,4-Trimethylbenzene	0.21	1.12		0.12		0.62	1.85		0.21		1.02	5.06		0.56		2.79
1-Decene	0.21	ND		ND		ND	ND		ND		ND	ND		ND		ND
n-Decane	0.25	0.53		0.05		0.31	0.69		0.07		0.41	2.01		0.20		1.18
1,2,3-Trimethylbenzene	0.19	0.21		0.02		0.11	0.33		0.04		0.18	1.12		0.12		0.62
m-Diethylbenzene	0.20	ND		ND		ND	ND		ND		ND	1.04		0.10		0.57
p-Diethylbenzene	0.22	ND		ND		ND	ND		ND		ND	0.91		0.09		0.50
1-Undecene	0.22	ND		ND		ND	ND		ND		ND	ND		ND		ND
n-Undecane	0.24	1.23		0.11		0.72	0.50		0.05		0.29	1.39		0.13		0.82
1-Dodecene	0.24	ND		ND		ND	0.28	U	0.02	U	0.16	0.45	U	0.04	U	0.26
n-Dodecane	0.49	0.35	U	0.03	U	0.20	0.45	U	0.04	U	0.26	0.70		0.06		0.41
1-Tridecene	0.49	ND		ND		ND	ND		ND		ND	ND		ND		ND
n-Tridecane	0.49	ND		ND		ND	ND		ND		ND	ND		ND		ND
TNMOC (speciated)		108.91		32.40		64.11	148.50		41.00		87.00	333.08		95.41		196.14
TNMOC, ppbC (w/ unknowns)		137.54		137.54		137.54	221.68		221.68		221.68	492.03		492.03		492.03

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 32174 D1			S4MO 32174 R1			S4MO 32175 D2		
Sampling Date:		2/26/2003			2/26/2003			2/26/2003		
Analysis Date:		3/25/2003			3/26/2003			3/26/2003		
Filename:		N3CY007			N3CZ007			N3CZ008		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	6.41	3.21	3.71	6.49	3.24	3.75	8.17	4.09	4.73
Acetylene	0.11	3.83	1.91	2.06	3.85	1.92	2.07	3.84	1.92	2.06
Ethane	0.17	13.47	6.74	8.36	13.47	6.73	8.35	13.72	6.86	8.51
Propylene	0.11	3.40	1.13	1.97	3.45	1.15	2.00	4.97	1.66	2.87
Propane	0.19	10.72	3.57	6.50	10.60	3.53	6.43	10.90	3.63	6.61
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.42	0.60	1.45	2.43	0.61	1.46	2.41	0.60	1.44
Isobutene/1-Butene	0.17	4.28	1.07	2.47	4.42	1.11	2.56	7.35	1.84	4.25
1,3-Butadiene	0.17	0.14	U	0.04	U	0.04	U	0.09	0.16	U
n-Butane	0.17	5.66	1.41	3.39	5.77	1.44	3.46	5.82	1.45	3.49
trans-2-Butene	0.17	0.21	0.05	0.12	0.20	0.05	0.12	0.32	0.08	0.18
cis-2-Butene	0.16	0.38	0.09	0.22	0.42	0.10	0.24	0.37	0.09	0.21
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	6.78	1.36	4.04	4.58	0.92	2.72	8.87	1.77	5.28
1-Pentene	0.20	0.35	0.07	0.20	0.33	0.07	0.19	0.64	0.13	0.37
2-Methyl-1-butene	0.20	0.41	0.08	0.24	0.38	0.08	0.22	0.57	0.11	0.33
n-Pentane	0.19	2.12	0.42	1.26	2.12	0.42	1.26	2.14	0.43	1.28
Isoprene	0.20	0.26	0.05	0.14	0.30	0.06	0.17	0.26	0.05	0.15
trans-2-Pentene	0.21	0.23	0.05	0.13	0.22	0.04	0.13	0.30	0.06	0.18
cis-2-Pentene	0.22	0.22	U	0.04	U	0.04	U	0.11	0.16	U
2-Methyl-2-butene	0.22	0.26	0.05	0.15	0.31	0.06	0.18	0.31	0.06	0.18
2,2-Dimethylbutane	0.20	0.30	0.05	0.18	0.32	0.05	0.19	0.34	0.06	0.20
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.28	0.06	0.16	0.25	0.05	0.14	0.26	0.05	0.15
2,3-Dimethylbutane	0.20	0.45	0.07	0.26	0.31	0.05	0.18	0.44	0.07	0.26
2-Methylpentane	0.13	1.80	0.30	1.06	2.04	0.34	1.21	2.26	0.38	1.34
3-Methylpentane	0.22	3.26	0.54	1.93	10.71	1.78	6.34	8.93	1.49	5.29
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.99	0.16	0.59	1.71	0.29	1.01	2.41	0.40	1.43
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.25	0.21	0.74	1.31	0.22	0.78	1.24	0.21	0.73
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.35	0.06	0.21
cis-2-Hexene	0.21	0.70	0.12	0.41	0.53	0.09	0.31	0.71	0.12	0.42
Methylcyclopentane	0.21	0.63	0.11	0.37	0.50	0.08	0.29	0.62	0.10	0.36
2,4-Dimethylpentane	0.22	0.39	0.06	0.20	0.32	0.05	0.16	0.18	U	0.03
Benzene	0.18	3.11	0.52	1.67	3.01	0.50	1.62	3.11	0.52	1.67
Cyclohexane	0.16	1.40	0.23	0.81	1.24	0.21	0.72	1.37	0.23	0.79
2-Methylhexane	0.21	1.44	0.21	0.85	0.96	0.14	0.56	0.75	0.11	0.44
2,3-Dimethylpentane	0.28	0.75	0.11	0.44	0.58	0.08	0.34	0.55	0.08	0.32
3-Methylhexane	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Heptene	0.17	0.56	0.08	0.32	0.54	0.08	0.31	0.94	0.13	0.54
2,2,4-Trimethylpentane	0.19	0.92	0.11	0.54	0.86	0.11	0.51	1.53	0.19	0.90
n-Heptane	0.23	0.94	0.13	0.55	0.86	0.12	0.51	1.17	0.17	0.69
Methylcyclohexane	0.25	0.40	0.06	0.23	0.42	0.06	0.24	0.40	0.06	0.23
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.63	0.08	0.37
2,3,4-Trimethylpentane	0.20	0.38	0.05	0.22	0.33	0.04	0.19	0.27	0.03	0.16
Toluene	0.20	5.62	0.80	3.05	5.08	0.73	2.76	5.68	0.81	3.08
2-Methylheptane	0.17	1.76	0.22	1.03	1.61	0.20	0.95	2.42	0.30	1.43
3-Methylheptane	0.20	0.37	0.05	0.22	0.27	0.03	0.16	0.39	0.05	0.23
1-Octene	0.20	0.94	0.12	0.54	0.88	0.11	0.51	1.15	0.14	0.67
n-Octane	0.21	0.90	0.11	0.53	0.86	0.11	0.51	1.11	0.14	0.65
Ethylbenzene	0.21	1.16	0.15	0.70	1.20	0.15	0.72	1.29	0.16	0.78
m-Xylene/p-Xylene	0.16	4.76	0.60	2.61	4.42	0.55	2.42	4.99	0.62	2.73
Styrene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	0.19	1.28	0.16	0.70	1.08	0.14	0.59	1.38	0.17	0.76
1-Nonene	0.19	0.42	0.05	0.24	0.34	0.04	0.20	0.57	0.06	0.33
n-Nonane	0.11	0.83	0.09	0.49	0.47	0.05	0.27	0.60	0.07	0.35
Isopropylbenzene	0.18	0.41	0.05	0.23	0.20	0.02	0.11	0.52	0.06	0.29
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.56	0.06	0.31	0.39	0.04	0.21	0.36	0.04	0.20
m-Ethyltoluene	0.15	0.62	0.07	0.34	0.54	0.06	0.30	0.56	0.06	0.31
p-Ethyltoluene	0.19	0.84	0.09	0.46	0.77	0.09	0.42	0.77	0.09	0.42
1,3,5-Trimethylbenzene	0.18	0.26	0.03	0.14	0.31	0.03	0.17	0.35	0.04	0.19
o-Ethyltoluene	0.22	ND	ND	ND	ND	ND	ND	0.20	U	0.02
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.47	0.16	0.81	1.49	0.17	0.82	1.56	0.17	0.86
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.64	0.06	0.38	0.78	0.08	0.45	0.96	0.10	0.56
1,2,3-Trimethylbenzene	0.19	0.42	0.05	0.23	0.54	0.06	0.30	0.56	0.06	0.31
m-Diethylbenzene	0.20	1.22	0.12	0.68	0.81	0.08	0.45	0.53	0.05	0.29
p-Diethylbenzene	0.22	0.80	0.08	0.44	0.25	0.02	0.14	0.42	0.04	0.23
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.49	0.04	0.29	0.58	0.05	0.35	0.64	0.06	0.37
1-Dodecene	0.24	0.48	U	0.04	U	0.27	ND	ND	ND	ND
n-Dodecane	0.49	0.49	0.04	0.29	0.46	U	0.04	U	0.27	0.24
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		108.18	28.36	63.14	109.82	28.81	64.22	127.08	32.81	74.27
TNMOC, ppbC (w/ unknowns)		503.89	503.89	503.89	472.80	472.80	472.80	590.80	590.80	590.80

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UATMP SNMOC Final Data Report

Sample No.:		S4MO 32175 R2			S4MO 32178			S4MO 32307		
Sampling Date:		2/26/2003			3/4/2003			3/10/2003		
Analysis Date:		3/28/2003			3/27/2003			3/31/2003		
Filename:		N3C1004			N3CZ017			L3C%008		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	8.20	4.10	4.74	7.45	3.73	4.31	2.79	1.40	1.61
Acetylene	0.11	3.85	1.92	2.07	6.42	3.21	3.45	2.79	1.40	1.50
Ethane	0.17	13.60	6.80	8.44	17.66	8.83	10.95	13.06	6.53	8.10
Propylene	0.11	4.98	1.66	2.88	3.47	1.16	2.01	1.65	0.55	0.95
Propane	0.19	10.79	3.60	6.54	26.07	8.69	15.81	20.62	6.87	12.51
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.41	0.60	1.45	3.62	0.91	2.17	3.21	0.80	1.92
Isobutene/1-Butene	0.17	7.33	1.83	4.24	5.75	1.44	3.32	1.03	0.26	0.60
1,3-Butadiene	0.17	0.15 U	0.04 U	0.09	0.18	0.05	0.10	0.21	0.05	0.11
n-Butane	0.17	5.74	1.43	3.44	9.52	2.38	5.70	6.64	1.66	3.98
trans-2-Butene	0.17	0.22	0.05	0.13	0.31	0.08	0.18	0.37	0.09	0.21
cis-2-Butene	0.16	0.30	0.07	0.17	0.38	0.10	0.22	0.53	0.13	0.31
3-Methyl-1-butene	0.16	0.13 U	0.03 U	0.07	ND	ND	ND	ND	ND	ND
Isopentane	0.19	10.54	2.11	6.27	8.91	1.78	5.30	4.01	0.80	2.38
1-Pentene	0.20	0.48	0.10	0.28	0.50	0.10	0.29	0.29	0.06	0.17
2-Methyl-1-butene	0.20	0.63	0.13	0.36	0.66	0.13	0.38	ND	ND	ND
n-Pentane	0.19	2.17	0.43	1.29	2.88	0.58	1.71	2.35	0.47	1.40
Isoprene	0.20	0.19 U	0.04 U	0.11	0.25	0.05	0.14	0.94	0.19	0.53
trans-2-Pentene	0.21	0.26	0.05	0.15	0.51	0.10	0.30	0.47	0.09	0.28
cis-2-Pentene	0.22	0.14 U	0.03 U	0.08	0.32	0.06	0.19	0.52	0.10	0.31
2-Methyl-2-butene	0.22	0.32	0.06	0.18	0.53	0.11	0.31	0.21 U	0.04 U	0.12
2,2-Dimethylbutane	0.20	0.31	0.05	0.18	0.40	0.07	0.24	0.76	0.13	0.45
Cyclopentene	0.20	0.19 U	0.04 U	0.11	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.26	0.05	0.15	0.50	0.10	0.29	0.60	0.12	0.35
2,3-Dimethylbutane	0.20	0.29	0.05	0.17	0.38	0.06	0.23	0.94	0.16	0.56
2-Methylpentane	0.13	2.08	0.35	1.23	2.64	0.44	1.56	1.45	0.24	0.86
3-Methylpentane	0.22	13.43	2.24	7.96	8.11	1.35	4.81	1.27	0.21	0.75
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	2.05	0.34	1.22	0.86	0.14	0.51	0.82	0.14	0.48
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.43	0.24	0.84	1.93	0.32	1.14	1.40	0.23	0.83
trans-2-Hexene	0.21	0.37	0.06	0.22	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	0.67	0.11	0.40	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.65	0.11	0.38	0.85	0.14	0.49	0.84	0.14	0.48
2,4-Dimethylpentane	0.22	0.16 U	0.02 U	0.08	0.37	0.05	0.19	0.68	0.10	0.35
Benzene	0.18	3.05	0.51	1.64	3.67	0.61	1.97	2.55	0.42	1.37
Cyclohexane	0.16	1.45	0.24	0.84	0.99	0.16	0.57	0.91	0.15	0.53
2-Methylhexane	0.21	0.71	0.10	0.42	0.61	0.09	0.36	1.10	0.16	0.65
2,3-Dimethylpentane	0.28	0.45	0.06	0.26	0.54	0.08	0.32	1.08	0.15	0.64
3-Methylhexane	0.17	ND	ND	ND	ND	ND	ND	0.80	0.11	0.47
1-Heptene	0.17	0.86	0.12	0.50	0.59	0.08	0.34	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.64	0.20	0.97	1.10	0.14	0.65	0.92	0.11	0.54
n-Heptane	0.23	0.98	0.14	0.58	1.09	0.16	0.65	0.93	0.13	0.55
Methylcyclohexane	0.25	0.39	0.06	0.23	0.56	0.08	0.32	0.77	0.11	0.44
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.28	0.03	0.16	0.41	0.05	0.24	0.56	0.07	0.33
Toluene	0.20	5.70	0.81	3.10	5.88	0.84	3.20	4.04	0.58	2.19
2-Methylheptane	0.17	2.60	0.33	1.53	1.68	0.21	0.99	0.54	0.07	0.32
3-Methylheptane	0.20	0.27	0.03	0.16	0.58	0.07	0.34	0.65	0.08	0.38
1-Octene	0.20	1.19	0.15	0.69	0.76	0.09	0.44	ND	ND	ND
n-Octane	0.21	0.93	0.12	0.55	1.06	0.13	0.62	0.75	0.09	0.44
Ethylbenzene	0.21	1.20	0.15	0.72	1.22	0.15	0.73	0.90	0.11	0.54
m-Xylene/p-Xylene	0.16	5.32	0.66	2.91	5.03	0.63	2.75	1.87	0.23	1.03
Styrene	0.20	ND	ND	ND	ND	ND	ND	0.45	0.06	0.24
o-Xylene	0.19	1.47	0.18	0.80	0.84	0.11	0.46	0.70	0.09	0.38
1-Nonene	0.19	0.49	0.05	0.28	0.19 U	0.02 U	0.11	ND	ND	ND
n-Nonane	0.11	0.59	0.07	0.35	0.68	0.08	0.40	0.44	0.05	0.26
Isopropylbenzene	0.18	0.28	0.03	0.15	ND	ND	ND	0.31	0.03	0.17
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.19 U	0.02 U	0.11	0.45	0.05	0.25	0.26	0.03	0.14
m-Ethyltoluene	0.15	0.53	0.06	0.29	0.70	0.08	0.39	0.48	0.05	0.27
p-Ethyltoluene	0.19	0.86	0.10	0.47	0.55	0.06	0.30	0.38	0.04	0.21
1,3,5-Trimethylbenzene	0.18	0.39	0.04	0.21	0.49	0.05	0.27	0.29	0.03	0.16
o-Ethyltoluene	0.22	0.47	0.05	0.26	0.56	0.06	0.31	0.21 U	0.02 U	0.12
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.46	0.16	0.80	1.48	0.16	0.81	0.54	0.06	0.30
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.76	0.08	0.45	1.64	0.16	0.96	0.41	0.04	0.24
1,2,3-Trimethylbenzene	0.19	0.56	0.06	0.31	0.42	0.05	0.23	ND	ND	ND
m-Diethylbenzene	0.20	0.51	0.05	0.28	0.24	0.02	0.13	0.19 U	0.02 U	0.11
p-Diethylbenzene	0.22	0.34	0.03	0.19	0.42	0.04	0.23	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.65	0.06	0.38	1.40	0.13	0.82	0.19 U	0.02 U	0.11
1-Dodecene	0.24	0.19 U	0.02 U	0.11	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.42 U	0.04 U	0.25	0.40 U	0.03 U	0.24	0.28 U	0.02 U	0.16
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		131.46	33.57	76.86	147.65	40.83	86.72	93.92	26.12	55.39
TNMOC, ppbC (w/ unknowns)		606.64	606.64	606.64	558.38	558.38	558.38	116.23	116.23	116.23

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UATMP SNMOC Final Data Report

Sample No.:		S4MO 32453			S4MO 32456			S4MO 32568		
Sampling Date:		3/16/2003			3/22/2003			3/28/2003		
Analysis Date:		3/31/2003			4/1/2003			4/11/2003		
Filename:		L3C%013			L3C%016			L3DK009		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	5.76	2.88	3.33	13.21	6.60	7.64	3.16	1.58	1.83
Acetylene	0.11	4.31	2.16	2.32	17.26	8.63	9.27	2.42	1.21	1.30
Ethane	0.17	38.62	19.31	23.95	31.11	15.55	19.29	8.88	4.44	5.51
Propylene	0.11	3.24	1.08	1.87	5.53	1.84	3.20	1.29	0.43	0.74
Propane	0.19	24.23	8.08	14.69	20.18	6.73	12.24	7.27	2.42	4.41
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	5.26	1.32	3.15	6.77	1.69	4.06	1.86	0.47	1.12
Isobutene/1-Butene	0.17	2.09	0.52	1.21	6.65	1.66	3.85	1.19	0.30	0.69
1,3-Butadiene	0.17	0.31	0.08	0.17	0.98	0.25	0.55	0.20	0.05	0.11
n-Butane	0.17	13.42	3.36	8.04	21.93	5.48	13.14	4.69	1.17	2.81
trans-2-Butene	0.17	0.60	0.15	0.35	1.01	0.25	0.59	0.35	0.09	0.20
cis-2-Butene	0.16	0.74	0.18	0.43	1.33	0.33	0.77	0.53	0.13	0.31
3-Methyl-1-butene	0.16	0.16 U	0.03 U	0.09	0.42	0.08	0.24	ND	ND	ND
Isopentane	0.19	9.88	1.98	5.88	18.84	3.77	11.22	4.08	0.82	2.43
1-Pentene	0.20	1.12	0.22	0.65	2.15	0.43	1.25	0.85	0.17	0.49
2-Methyl-1-butene	0.20	0.60	0.12	0.34	1.66	0.33	0.96	0.25	0.05	0.14
n-Pentane	0.19	4.53	0.91	2.70	7.87	1.57	4.69	1.99	0.40	1.18
Isoprene	0.20	1.19	0.24	0.67	1.30	0.26	0.73	0.79	0.16	0.44
trans-2-Pentene	0.21	1.01	0.20	0.60	2.31	0.46	1.37	0.57	0.11	0.34
cis-2-Pentene	0.22	0.84	0.17	0.50	1.50	0.30	0.89	0.57	0.11	0.34
2-Methyl-2-butene	0.22	0.67	0.13	0.39	2.00	0.40	1.16	0.25	0.05	0.15
2,2-Dimethylbutane	0.20	1.02	0.17	0.60	1.43	0.24	0.85	0.68	0.11	0.40
Cyclopentene	0.20	0.23	0.05	0.13	0.67	0.13	0.37	0.24	0.05	0.14
4-Methyl-1-pentene	0.20	0.48	0.08	0.28	0.93	0.16	0.54	ND	ND	ND
Cyclopentane	0.20	0.82	0.16	0.48	1.34	0.27	0.77	0.70	0.14	0.41
2,3-Dimethylbutane	0.20	1.43	0.24	0.85	2.50	0.42	1.48	0.88	0.15	0.52
2-Methylpentane	0.13	3.42	0.57	2.03	7.43	1.24	4.40	1.47	0.24	0.87
3-Methylpentane	0.22	3.84	0.64	2.27	2.71	0.45	1.60	2.44	0.41	1.45
2-Methyl-1-pentene	0.22	ND	ND	ND	0.47	0.08	0.28	ND	ND	ND
1-Hexene	0.32	1.08	0.18	0.64	1.51	0.25	0.89	1.06	0.18	0.63
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	6.60	1.10	3.91	5.21	0.87	3.09	1.29	0.21	0.76
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	2.07	0.35	1.20	3.26	0.54	1.89	0.88	0.15	0.51
2,4-Dimethylpentane	0.22	1.08	0.15	0.55	1.85	0.26	0.94	0.69	0.10	0.35
Benzene	0.18	3.75	0.63	2.01	5.92	0.99	3.18	1.83	0.30	0.98
Cyclohexane	0.16	1.29	0.21	0.75	1.95	0.32	1.13	0.96	0.16	0.55
2-Methylhexane	0.21	1.79	0.26	1.06	3.68	0.53	2.17	1.27	0.18	0.75
2,3-Dimethylpentane	0.28	1.45	0.21	0.86	3.23	0.46	1.91	1.05	0.15	0.62
3-Methylhexane	0.17	3.22	0.46	1.90	8.16	1.17	4.82	3.85	0.55	2.27
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.37	0.30	1.40	5.19	0.65	3.06	1.22	0.15	0.72
n-Heptane	0.23	1.46	0.21	0.86	3.00	0.43	1.77	0.86	0.12	0.51
Methylcyclohexane	0.25	1.12	0.16	0.65	1.80	0.26	1.04	0.56	0.08	0.32
2,2,3-Trimethylpentane	0.25	0.50	0.06	0.29	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.98	0.12	0.58	1.79	0.22	1.06	0.57	0.07	0.33
Toluene	0.20	7.01	1.00	3.81	12.97	1.85	7.04	3.89	0.56	2.11
2-Methylheptane	0.17	0.83	0.10	0.49	1.93	0.24	1.14	0.54	0.07	0.32
3-Methylheptane	0.20	0.72	0.09	0.42	1.29	0.16	0.76	0.48	0.06	0.28
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.71	0.09	0.42	1.20	0.15	0.71	0.52	0.07	0.31
Ethylbenzene	0.21	1.23	0.15	0.74	2.16	0.27	1.30	0.79	0.10	0.47
m-Xylene/p-Xylene	0.16	3.00	0.37	1.64	5.96	0.74	3.26	1.83	0.23	1.00
Styrene	0.20	0.43	0.05	0.23	0.65	0.08	0.35	0.36	0.04	0.19
o-Xylene	0.19	1.15	0.14	0.63	2.23	0.28	1.22	0.75	0.09	0.41
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.49	0.05	0.29	0.70	0.08	0.41	0.35	0.04	0.21
Isopropylbenzene	0.18	0.28	0.03	0.15	0.38	0.04	0.21	0.28	0.03	0.15
a-Pinene	0.18	0.20 U	0.02 U	0.11	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.45	0.05	0.25	0.74	0.08	0.40	0.38	0.04	0.21
m-Ethyltoluene	0.15	0.87	0.10	0.48	1.96	0.22	1.08	0.55	0.06	0.30
p-Ethyltoluene	0.19	0.57	0.06	0.31	1.21	0.13	0.66	0.50	0.06	0.27
1,3,5-Trimethylbenzene	0.18	0.61	0.07	0.33	1.42	0.16	0.78	0.44	0.05	0.24
o-Ethyltoluene	0.22	0.58	0.06	0.32	1.30	0.14	0.71	0.56	0.06	0.31
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.24	0.14	0.68	2.99	0.33	1.65	0.96	0.11	0.53
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.00	0.10	0.59	0.94	0.09	0.55	1.90	0.19	1.11
1,2,3-Trimethylbenzene	0.19	0.49	0.05	0.27	1.89	0.21	1.04	0.27	0.03	0.15
m-Diethylbenzene	0.20	0.27	0.03	0.15	0.42	0.04	0.23	0.28	0.03	0.16
p-Diethylbenzene	0.22	0.19 U	0.02 U	0.11	0.38	0.04	0.21	0.21 U	0.02 U	0.12
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.54	0.05	0.32	0.68	0.06	0.40	0.46	0.04	0.27
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.47 U	0.04 U	0.27	0.40 U	0.03 U	0.24	0.60	0.05	0.35
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		181.85	52.28	107.62	271.81	72.01	158.70	80.55	19.68	47.11
TNMOC, ppbC (w/ unknowns)		239.24	239.24	239.24	427.55	427.55	427.55	138.41	138.41	138.41

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UATMP SNMOC Final Data Report

Sample No.:		S4MO 32699			S4MO 32701			S4MO 32821						
Sampling Date:		4/3/2003			4/9/2003			4/15/2003						
Analysis Date:		4/23/2003			4/23/2003			5/1/2003						
Filename:		L3DV022			L3DV020			L3DS016						
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³				
Ethylene	0.15	3.20	1.60	1.85	3.29	1.64	1.90	4.74	2.37	2.74				
Acetylene	0.11	1.98	0.99	1.06	2.70	1.35	1.45	2.18	1.09	1.17				
Ethane	0.17	9.00	4.50	5.58	9.87	4.94	6.12	10.36	5.18	6.43				
Propylene	0.11	1.41	0.47	0.82	1.26	0.42	0.73	2.47	0.82	1.43				
Propane	0.19	5.89	1.96	3.57	6.02	2.01	3.65	6.93	2.31	4.20				
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isobutane	0.14	2.26	0.56	1.35	1.94	0.48	1.16	2.08	0.52	1.25				
Isobutene/1-Butene	0.17	1.77	0.44	1.03	1.31	0.33	0.76	3.30	0.83	1.91				
1,3-Butadiene	0.17	0.20	0.05	0.11	0.17	0.04	0.10	0.17	0.04	0.09				
n-Butane	0.17	5.77	1.44	3.46	4.56	1.14	2.73	5.02	1.26	3.01				
trans-2-Butene	0.17	0.39	0.10	0.22	0.35	0.09	0.20	0.41	0.10	0.24				
cis-2-Butene	0.16	0.49	0.12	0.28	0.51	0.13	0.30	0.54	0.14	0.31				
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isopentane	0.19	6.23	1.25	3.71	4.34	0.87	2.59	5.51	1.10	3.28				
1-Pentene	0.20	0.84	0.17	0.49	0.69	0.14	0.40	1.05	0.21	0.61				
2-Methyl-1-butene	0.20	0.35	0.07	0.20	0.28	0.06	0.16	0.47	0.09	0.27				
n-Pentane	0.19	2.45	0.49	1.46	2.32	0.46	1.38	2.47	0.49	1.47				
Isoprene	0.20	0.75	0.15	0.42	0.67	0.13	0.37	1.45	0.29	0.81				
trans-2-Pentene	0.21	0.72	0.14	0.43	0.57	0.11	0.34	0.76	0.15	0.45				
cis-2-Pentene	0.22	0.58	0.12	0.35	0.53	0.11	0.31	0.57	0.11	0.34				
2-Methyl-2-butene	0.22	0.34	0.07	0.20	0.27	0.05	0.16	0.32	0.06	0.19				
2,2-Dimethylbutane	0.20	0.65	0.11	0.39	0.64	0.11	0.38	0.73	0.12	0.43				
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND				
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Cyclopentane	0.20	0.71	0.14	0.41	0.57	0.11	0.33	0.51	0.10	0.30				
2,3-Dimethylbutane	0.20	0.99	0.16	0.58	0.94	0.16	0.56	0.99	0.17	0.59				
2-Methylpentane	0.13	1.64	0.27	0.97	1.52	0.25	0.90	1.63	0.27	0.97				
3-Methylpentane	0.22	3.37	0.56	2.00	2.11	0.35	1.25	3.49	0.58	2.07				
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	0.32	U	0.05	U	0.19		
1-Hexene	0.32	1.21	0.20	0.72	0.82	0.14	0.49	1.36	0.23	0.81				
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Hexane	0.21	1.36	0.23	0.80	1.23	0.21	0.73	1.58	0.26	0.94				
trans-2-Hexene	0.21	0.35	0.06	0.21	ND	ND	ND	ND	ND	ND				
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Methylcyclopentane	0.21	0.91	0.15	0.52	0.77	0.13	0.44	0.90	0.15	0.52				
2,4-Dimethylpentane	0.22	1.11	0.16	0.56	0.72	0.10	0.37	0.64	0.09	0.32				
Benzene	0.18	1.80	0.30	0.97	2.05	0.34	1.10	1.66	0.28	0.89				
Cyclohexane	0.16	0.82	0.14	0.47	0.90	0.15	0.52	1.03	0.17	0.59				
2-Methylhexane	0.21	1.70	0.24	1.01	1.32	0.19	0.78	1.53	0.22	0.91				
2,3-Dimethylpentane	0.28	1.27	0.18	0.75	1.20	0.17	0.71	ND	ND	ND				
3-Methylhexane	0.17	2.89	0.41	1.71	0.87	0.12	0.51	ND	ND	ND				
1-Heptene	0.17	0.35	0.05	0.20	ND	ND	ND	0.36	0.05	0.21				
2,2,4-Trimethylpentane	0.19	1.25	0.16	0.74	1.19	0.15	0.70	1.75	0.22	1.03				
n-Heptane	0.23	0.76	0.11	0.45	0.67	0.10	0.40	0.90	0.13	0.53				
Methylcyclohexane	0.25	0.60	0.09	0.35	0.53	0.08	0.31	0.67	0.10	0.39				
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.35	0.04	0.21				
2,3,4-Trimethylpentane	0.20	0.64	0.08	0.38	0.68	0.09	0.40	0.84	0.11	0.50				
Toluene	0.20	3.96	0.57	2.15	3.70	0.53	2.01	4.03	0.58	2.19				
2-Methylheptane	0.17	0.56	0.07	0.33	0.48	0.06	0.28	1.46	0.18	0.86				
3-Methylheptane	0.20	0.52	0.07	0.31	0.53	0.07	0.31	0.43	0.05	0.25				
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Octane	0.21	0.59	0.07	0.35	0.60	0.08	0.35	0.66	0.08	0.39				
Ethylbenzene	0.21	0.82	0.10	0.49	1.49	0.19	0.89	0.92	0.12	0.55				
m-Xylene/p-Xylene	0.16	2.00	0.25	1.09	4.06	0.51	2.22	2.98	0.37	1.63				
Styrene	0.20	0.38	0.05	0.20	0.48	0.06	0.26	0.20	0.03	0.11				
o-Xylene	0.19	0.76	0.10	0.42	0.99	0.12	0.54	1.23	0.15	0.67				
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Nonane	0.11	0.33	0.04	0.20	0.33	0.04	0.19	0.40	0.04	0.23				
Isopropylbenzene	0.18	0.27	0.03	0.15	0.22	0.02	0.12	0.42	0.05	0.23				
a-Pinene	0.18	0.22	U	0.02	U	0.12	0.52	0.05	0.29	ND	ND	ND		
n-Propylbenzene	0.21	0.39	0.04	0.22	0.37	0.04	0.20	0.38	0.04	0.21				
m-Ethyltoluene	0.15	0.50	0.06	0.27	0.64	0.07	0.35	1.00	0.11	0.55				
p-Ethyltoluene	0.19	0.44	0.05	0.24	0.45	0.05	0.25	0.93	0.10	0.51				
1,3,5-Trimethylbenzene	0.18	0.44	0.05	0.24	0.42	0.05	0.23	0.62	0.07	0.34				
o-Ethyltoluene	0.22	0.38	0.04	0.21	0.44	0.05	0.24	0.60	0.07	0.33				
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND				
1,2,4-Trimethylbenzene	0.21	1.02	0.11	0.56	0.96	0.11	0.53	1.31	0.15	0.72				
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Decane	0.25	0.55	0.06	0.32	0.38	0.04	0.22	0.75	0.08	0.44				
1,2,3-Trimethylbenzene	0.19	0.22	0.02	0.12	0.20	0.02	0.11	0.58	0.06	0.32				
m-Diethylbenzene	0.20	0.17	U	0.02	U	0.10	0.21	0.33	0.03	0.18				
p-Diethylbenzene	0.22	0.18	U	0.02	U	0.10	0.21	U	0.02	U	0.11	0.31	0.03	0.17
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Undecane	0.24	0.58	0.05	0.34	0.28	0.03	0.16	0.56	0.05	0.33				
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Dodecane	0.49	0.48	U	0.04	U	0.28	0.47	U	0.04	U	0.27	0.70	0.06	0.41
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND				
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND				
TNMOC (speciated)		84.74	20.41	49.58	78.80	19.68	45.97	92.82	23.01	54.21				
TNMOC, ppbC (w/ unknowns)		193.73	193.73	193.73	109.08	109.08	109.08	392.51	392.51	392.51				

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 32930			S4MO 33138			S4MO 33140		
Sampling Date:		4/21/2003			4/27/2003			5/3/2003		
Analysis Date:		5/2/2003			5/22/2003			5/22/2003		
Filename:		L3EA019			L3EU017			L3EU016		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.22	1.11	1.28	12.71	6.35	7.35	4.08	2.04	2.36
Acetylene	0.11	2.13	1.07	1.14	8.90	4.45	4.78	2.66	1.33	1.43
Ethane	0.17	8.64	4.32	5.36	64.82	32.41	40.20	13.43	6.71	8.33
Propylene	0.11	1.04	0.35	0.60	7.34	2.45	4.25	2.32	0.77	1.34
Propane	0.19	5.41	1.80	3.28	28.47	9.49	17.27	7.48	2.49	4.54
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.38	0.34	0.83	8.68	2.17	5.20	2.49	0.62	1.49
Isobutene/1-Butene	0.17	0.80	0.20	0.47	4.04	1.01	2.34	1.68	0.42	0.97
1,3-Butadiene	0.17	0.15	U 0.04	U 0.09	0.89	0.22	0.49	0.18	0.05	0.10
n-Butane	0.17	2.68	0.67	1.61	16.50	4.12	9.89	5.22	1.30	3.13
trans-2-Butene	0.17	0.34	0.08	0.20	1.00	0.25	0.58	0.38	0.09	0.22
cis-2-Butene	0.16	0.56	0.14	0.33	0.99	0.25	0.57	0.52	0.13	0.30
3-Methyl-1-butene	0.16	ND	ND	ND	0.38	0.08	0.22	ND	ND	ND
Isopentane	0.19	2.99	0.60	1.78	22.31	4.46	13.28	8.33	1.67	4.96
1-Pentene	0.20	0.79	0.16	0.45	0.22	0.04	0.13	0.94	0.19	0.54
2-Methyl-1-butene	0.20	0.19	U 0.04	U 0.11	1.35	0.27	0.78	0.35	0.07	0.20
n-Pentane	0.19	1.45	0.29	0.86	8.58	1.72	5.11	3.42	0.68	2.04
Isoprene	0.20	0.82	0.16	0.46	1.20	0.24	0.68	0.83	0.17	0.47
trans-2-Pentene	0.21	0.55	0.11	0.33	1.91	0.38	1.14	0.64	0.13	0.38
cis-2-Pentene	0.22	0.52	0.10	0.31	1.24	0.25	0.74	0.52	0.10	0.31
2-Methyl-2-butene	0.22	0.18	U 0.04	U 0.10	1.67	0.33	0.96	0.26	0.05	0.15
2,2-Dimethylbutane	0.20	0.68	0.11	0.40	1.71	0.28	1.01	0.78	0.13	0.46
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	0.19	U 0.04	U 0.11
4-Methyl-1-pentene	0.20	ND	ND	ND	0.24	U 0.04	U 0.14	ND	ND	ND
Cyclopentane	0.20	0.57	0.11	0.33	1.20	0.24	0.69	0.75	0.15	0.44
2,3-Dimethylbutane	0.20	0.92	0.15	0.54	3.78	0.63	2.24	1.25	0.21	0.74
2-Methylpentane	0.13	1.29	0.21	0.76	9.10	1.52	5.39	2.52	0.42	1.49
3-Methylpentane	0.22	1.33	0.22	0.79	6.61	1.10	3.92	1.00	0.17	0.59
2-Methyl-1-pentene	0.22	ND	ND	ND	0.25	U 0.04	U 0.15	ND	ND	ND
1-Hexene	0.32	0.84	0.14	0.50	1.01	0.17	0.60	1.02	0.17	0.60
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.24	0.21	0.73	7.17	1.20	4.25	2.05	0.34	1.21
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.76	0.13	0.44	3.70	0.62	2.14	1.23	0.20	0.71
2,4-Dimethylpentane	0.22	0.76	0.11	0.39	2.81	0.40	1.43	1.05	0.15	0.53
Benzene	0.18	1.64	0.27	0.88	7.00	1.17	3.76	3.02	0.50	1.62
Cyclohexane	0.16	0.85	0.14	0.49	1.64	0.27	0.95	1.13	0.19	0.65
2-Methylhexane	0.21	1.27	0.18	0.75	3.74	0.53	2.21	1.40	0.20	0.83
2,3-Dimethylpentane	0.28	1.25	0.18	0.74	3.67	0.52	2.17	1.76	0.25	1.04
3-Methylhexane	0.17	0.80	0.11	0.47	4.40	0.63	2.60	0.86	0.12	0.51
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.39	0.17	0.82	10.72	1.34	6.32	2.98	0.37	1.76
n-Heptane	0.23	0.74	0.11	0.44	3.15	0.45	1.86	1.31	0.19	0.77
Methylcyclohexane	0.25	0.57	0.08	0.33	2.24	0.32	1.30	0.99	0.14	0.58
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.46	0.06	0.27
2,3,4-Trimethylpentane	0.20	0.70	0.09	0.41	4.01	0.50	2.36	1.05	0.13	0.62
Toluene	0.20	3.28	0.47	1.78	17.25	2.46	9.37	5.66	0.81	3.07
2-Methylheptane	0.17	0.46	0.06	0.27	1.28	0.16	0.75	0.70	0.09	0.41
3-Methylheptane	0.20	0.49	0.06	0.29	1.23	0.15	0.73	0.73	0.09	0.43
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.52	0.07	0.31	1.55	0.19	0.91	0.79	0.10	0.46
Ethylbenzene	0.21	0.71	0.09	0.43	3.09	0.39	1.85	1.09	0.14	0.65
m-Xylene/p-Xylene	0.16	1.64	0.21	0.90	8.85	1.11	4.84	2.79	0.35	1.53
Styrene	0.20	0.40	0.05	0.21	0.93	0.12	0.50	0.40	0.05	0.22
o-Xylene	0.19	0.66	0.08	0.36	2.89	0.36	1.58	0.85	0.11	0.47
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.29	0.03	0.17	0.89	0.10	0.52	0.45	0.05	0.26
Isopropylbenzene	0.18	0.20	0.02	0.11	0.40	0.04	0.22	0.27	0.03	0.15
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	0.39	0.04	0.22
n-Propylbenzene	0.21	0.24	0.03	0.13	0.72	0.08	0.40	0.34	0.04	0.19
m-Ethyltoluene	0.15	0.40	0.04	0.22	2.23	0.25	1.23	0.65	0.07	0.36
p-Ethyltoluene	0.19	0.31	0.03	0.17	1.35	0.15	0.74	0.50	0.06	0.28
1,3,5-Trimethylbenzene	0.18	0.27	0.03	0.15	0.63	0.07	0.34	0.47	0.05	0.26
o-Ethyltoluene	0.22	0.35	0.04	0.19	1.40	0.16	0.77	0.57	0.06	0.31
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.61	0.07	0.33	3.07	0.34	1.69	0.96	0.11	0.53
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.36	0.04	0.21	2.12	0.21	1.24	2.96	0.30	1.74
1,2,3-Trimethylbenzene	0.19	0.21	0.02	0.12	0.72	0.08	0.40	0.30	0.03	0.16
m-Diethylbenzene	0.20	0.21	0.02	0.12	0.43	0.04	0.24	0.27	0.03	0.15
p-Diethylbenzene	0.22	0.16	U 0.02	U 0.09	0.34	0.03	0.19	0.19	U 0.02	U 0.10
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.33	0.03	0.19	0.84	0.08	0.49	0.44	0.04	0.26
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.37	U 0.03	U 0.22	0.59	0.05	0.34	0.42	U 0.04	U 0.25
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		62.87	15.88	36.75	324.12	89.54	190.78	104.71	25.85	61.25
TNMOC, ppbC (w/ unknowns)		87.70	87.70	87.70	386.55	386.55	386.55	186.52	186.52	186.52

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 33166			S4MO 33307 D1			S4MO 33307 R1				
Sampling Date:		5/9/2003			5/15/2003			5/15/2003				
Analysis Date:		5/31/2003			6/11/2003			6/12/2003				
Filename:		L3E\$016			L3FK005			L3FL005				
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³		
Ethylene	0.15	3.18	1.59	1.84	4.24	2.12	2.45	4.14	2.07	2.39		
Acetylene	0.11	3.99	1.99	2.14	3.51	1.75	1.88	3.53	1.76	1.89		
Ethane	0.17	11.67	5.84	7.24	12.73	6.37	7.90	12.58	6.29	7.80		
Propylene	0.11	1.62	0.54	0.94	1.68	0.56	0.97	1.70	0.57	0.98		
Propane	0.19	6.76	2.25	4.10	7.11	2.37	4.31	6.94	2.31	4.21		
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Isobutane	0.14	2.63	0.66	1.58	2.00	0.50	1.20	2.02	0.50	1.21		
Isobutene/1-Butene	0.17	12.21	3.05	7.07	1.93	0.48	1.12	1.87	0.47	1.08		
1,3-Butadiene	0.17	0.20	0.05	0.11	0.23	0.06	0.13	0.20	0.05	0.11		
n-Butane	0.17	4.60	1.15	2.75	4.00	1.00	2.40	3.92	0.98	2.35		
trans-2-Butene	0.17	0.45	0.11	0.26	0.38	0.10	0.22	0.38	0.10	0.22		
cis-2-Butene	0.16	0.59	0.15	0.34	0.55	0.14	0.32	0.56	0.14	0.32		
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Isopentane	0.19	6.25	1.25	3.72	6.25	1.25	3.72	6.37	1.27	3.79		
1-Pentene	0.20	0.63	0.13	0.36	0.62	0.12	0.36	0.67	0.13	0.39		
2-Methyl-1-butene	0.20	0.42	0.08	0.24	0.27	0.05	0.16	0.25	0.05	0.15		
n-Pentane	0.19	2.70	0.54	1.60	2.38	0.48	1.41	2.41	0.48	1.43		
Isoprene	0.20	2.38	0.48	1.34	0.93	0.19	0.52	0.94	0.19	0.53		
trans-2-Pentene	0.21	0.85	0.17	0.50	0.63	0.13	0.38	0.71	0.14	0.42		
cis-2-Pentene	0.22	0.64	0.13	0.38	0.57	0.11	0.34	0.59	0.12	0.35		
2-Methyl-2-butene	0.22	0.38	0.08	0.22	ND	ND	ND	ND	ND	ND		
2,2-Dimethylbutane	0.20	0.81	0.14	0.48	0.77	0.13	0.46	0.81	0.14	0.48		
Cyclopentene	0.20	0.22	0.04	0.12	ND	ND	ND	ND	ND	ND		
4-Methyl-1-pentene	0.20	1.21	0.20	0.70	ND	ND	ND	ND	ND	ND		
Cyclopentane	0.20	0.68	0.14	0.40	0.68	0.14	0.39	0.73	0.15	0.42		
2,3-Dimethylbutane	0.20	1.29	0.22	0.76	1.29	0.21	0.76	1.35	0.22	0.80		
2-Methylpentane	0.13	ND	ND	ND	3.87	0.64	2.29	3.13	0.52	1.85		
3-Methylpentane	0.22	5.80	0.97	3.43	3.39	0.57	2.01	3.79	0.63	2.24		
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1-Hexene	0.32	0.96	0.16	0.57	0.99	0.16	0.58	1.05	0.17	0.62		
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Hexane	0.21	2.88	0.48	1.71	1.94	0.32	1.15	1.92	0.32	1.14		
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND		
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclopentane	0.21	1.27	0.21	0.74	1.09	0.18	0.63	1.07	0.18	0.62		
2,4-Dimethylpentane	0.22	1.02	0.15	0.52	1.05	0.15	0.53	1.03	0.15	0.52		
Benzene	0.18	2.27	0.38	1.22	1.93	0.32	1.04	2.02	0.34	1.08		
Cyclohexane	0.16	1.11	0.18	0.64	1.43	0.24	0.83	1.46	0.24	0.85		
2-Methylhexane	0.21	1.72	0.25	1.02	1.23	0.18	0.73	2.05	0.29	1.21		
2,3-Dimethylpentane	0.28	1.23	0.18	0.73	1.98	0.28	1.17	1.80	0.26	1.06		
3-Methylhexane	0.17	1.08	0.15	0.64	1.30	0.19	0.77	1.19	0.17	0.71		
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,2,4-Trimethylpentane	0.19	2.60	0.33	1.53	2.29	0.29	1.35	2.68	0.34	1.58		
n-Heptane	0.23	1.14	0.16	0.68	1.94	0.28	1.15	1.90	0.27	1.12		
Methylcyclohexane	0.25	0.79	0.11	0.46	1.00	0.14	0.58	0.90	0.13	0.52		
2,2,3-Trimethylpentane	0.25	0.31	0.04	0.18	0.34	0.04	0.20	0.38	0.05	0.22		
2,3,4-Trimethylpentane	0.20	1.08	0.14	0.64	1.24	0.15	0.73	1.09	0.14	0.64		
Toluene	0.20	7.81	1.12	4.24	9.75	1.39	5.29	9.60	1.37	5.21		
2-Methylheptane	0.17	3.86	0.48	2.27	1.21	0.15	0.71	1.26	0.16	0.74		
3-Methylheptane	0.20	0.62	0.08	0.37	0.62	0.08	0.36	0.76	0.09	0.45		
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Octane	0.21	1.36	0.17	0.80	1.12	0.14	0.66	1.22	0.15	0.72		
Ethylbenzene	0.21	1.15	0.14	0.69	1.28	0.16	0.77	1.38	0.17	0.83		
m-Xylene/p-Xylene	0.16	2.69	0.34	1.47	3.39	0.42	1.85	3.51	0.44	1.92		
Styrene	0.20	0.49	0.06	0.26	0.48	0.06	0.26	0.48	0.06	0.26		
o-Xylene	0.19	0.98	0.12	0.54	0.99	0.12	0.54	1.11	0.14	0.61		
1-Nonene	0.19	0.20	U	0.02	U	0.12	ND	0.18	U	0.02	U	0.10
n-Nonane	0.11	0.54	0.06	0.32	0.67	0.07	0.40	0.65	0.07	0.38		
Isopropylbenzene	0.18	0.38	0.04	0.21	0.46	0.05	0.25	0.32	0.04	0.18		
a-Pinene	0.18	0.47	0.05	0.26	0.22	U	0.02	U	0.31	0.03	0.17	
n-Propylbenzene	0.21	0.47	0.05	0.26	0.39	0.04	0.22	0.57	0.06	0.31		
m-Ethyltoluene	0.15	0.70	0.08	0.39	0.79	0.09	0.44	0.79	0.09	0.43		
p-Ethyltoluene	0.19	0.60	0.07	0.33	0.68	0.08	0.38	0.55	0.06	0.30		
1,3,5-Trimethylbenzene	0.18	0.50	0.06	0.27	0.56	0.06	0.31	0.57	0.06	0.31		
o-Ethyltoluene	0.22	0.59	0.07	0.32	0.60	0.07	0.33	0.71	0.08	0.39		
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	0.21	1.52	0.17	0.84	1.38	0.15	0.76	1.22	0.14	0.67		
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Decane	0.25	1.34	0.13	0.78	0.99	0.10	0.58	3.20	0.32	1.88		
1,2,3-Trimethylbenzene	0.19	2.50	0.28	1.38	0.30	0.03	0.17	0.52	0.06	0.28		
m-Diethylbenzene	0.20	2.74	0.27	1.51	0.94	0.09	0.52	1.64	0.16	0.91		
p-Diethylbenzene	0.22	4.30	0.43	2.38	1.73	0.17	0.96	1.67	0.17	0.92		
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Undecane	0.24	3.13	0.28	1.84	1.01	0.09	0.59	1.13	0.10	0.66		
1-Dodecene	0.24	0.60	0.05	0.35	0.35	U	0.03	U	0.48	U	0.28	
n-Dodecane	0.49	1.00	0.08	0.59	0.69	0.06	0.41	0.86	0.07	0.50		
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TNMOC (speciated)		132.12	29.54	76.67	110.29	26.12	64.17	114.77	26.48	66.76		
TNMOC, ppbC (w/ unknowns)		721.81	721.81	721.81	384.84	384.84	384.84	400.25	400.25	400.25		

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UATMP SNMOC Final Data Report

Sample No.:	S4MO 33309 D2				S4MO 33309 R2			S4MO 33404		
Sampling Date:	5/15/2003				5/15/2003			5/21/2003		
Analysis Date:	6/11/2003				6/12/2003			6/17/2003		
Filename:	L3FK006				L3FL006			L3FQ010		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.95	1.97	2.28	3.92	1.96	2.27	3.30	1.65	1.91
Acetylene	0.11	3.56	1.78	1.91	3.53	1.76	1.89	2.26	1.13	1.21
Ethane	0.17	12.71	6.35	7.88	12.70	6.35	7.88	10.87	5.44	6.74
Propylene	0.11	1.65	0.55	0.96	1.59	0.53	0.92	1.60	0.53	0.93
Propane	0.19	7.08	2.36	4.29	7.05	2.35	4.28	5.83	1.94	3.54
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.09	0.52	1.25	2.10	0.52	1.26	2.04	0.51	1.22
Isobutene/1-Butene	0.17	1.73	0.43	1.00	1.76	0.44	1.02	2.82	0.71	1.63
1,3-Butadiene	0.17	0.19	0.05	0.11	0.23	0.06	0.13	0.19	0.05	0.11
n-Butane	0.17	4.02	1.01	2.41	4.01	1.00	2.40	3.27	0.82	1.96
trans-2-Butene	0.17	0.39	0.10	0.23	0.41	0.10	0.23	0.34	0.09	0.20
cis-2-Butene	0.16	0.58	0.14	0.33	0.57	0.14	0.33	0.53	0.13	0.31
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	6.07	1.21	3.61	6.18	1.24	3.68	5.05	1.01	3.01
1-Pentene	0.20	0.78	0.16	0.45	0.78	0.16	0.45	0.71	0.14	0.41
2-Methyl-1-butene	0.20	0.26	0.05	0.15	0.30	0.06	0.17	0.19	U	0.04
n-Pentane	0.19	2.44	0.49	1.45	2.40	0.48	1.43	2.02	0.40	1.20
Isoprene	0.20	0.90	0.18	0.50	0.86	0.17	0.48	0.71	0.14	0.40
trans-2-Pentene	0.21	0.72	0.14	0.43	0.62	0.12	0.37	0.44	0.09	0.26
cis-2-Pentene	0.22	0.60	0.12	0.36	0.59	0.12	0.35	ND	ND	ND
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.87	0.14	0.51	0.81	0.13	0.48	0.86	0.14	0.51
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	0.38	0.06	0.22	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.73	0.15	0.42	0.72	0.14	0.42	0.62	0.12	0.36
2,3-Dimethylbutane	0.20	1.42	0.24	0.84	1.33	0.22	0.79	1.30	0.22	0.77
2-Methylpentane	0.13	3.14	0.52	1.86	3.27	0.55	1.94	ND	ND	ND
3-Methylpentane	0.22	3.41	0.57	2.02	3.92	0.65	2.32	NR	NR	NR
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	1.01	0.17	0.60	1.06	0.18	0.63	1.11	0.19	0.66
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.97	0.33	1.16	1.97	0.33	1.17	1.53	0.26	0.91
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.13	0.19	0.65	1.08	0.18	0.63	1.06	0.18	0.62
2,4-Dimethylpentane	0.22	1.09	0.16	0.56	1.10	0.16	0.56	1.05	0.15	0.53
Benzene	0.18	2.05	0.34	1.10	2.14	0.36	1.15	2.69	0.45	1.45
Cyclohexane	0.16	1.44	0.24	0.83	1.39	0.23	0.80	1.05	0.18	0.61
2-Methylhexane	0.21	2.10	0.30	1.24	2.11	0.30	1.25	1.46	0.21	0.86
2,3-Dimethylpentane	0.28	1.99	0.28	1.18	1.89	0.27	1.12	1.55	0.22	0.91
3-Methylhexane	0.17	1.74	0.25	1.02	1.96	0.28	1.16	1.00	0.14	0.59
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.84	0.36	1.68	2.87	0.36	1.69	2.88	0.36	1.70
n-Heptane	0.23	2.00	0.29	1.18	2.03	0.29	1.20	1.10	0.16	0.65
Methylcyclohexane	0.25	0.90	0.13	0.52	0.95	0.14	0.55	0.88	0.13	0.51
2,2,3-Trimethylpentane	0.25	ND	ND	ND	0.32	0.04	0.19	0.36	0.05	0.21
2,3,4-Trimethylpentane	0.20	1.14	0.14	0.67	1.17	0.15	0.69	1.06	0.13	0.63
Toluene	0.20	10.21	1.46	5.55	10.18	1.45	5.53	6.11	0.87	3.32
2-Methylheptane	0.17	1.61	0.20	0.95	1.41	0.18	0.83	6.92	0.87	4.08
3-Methylheptane	0.20	0.61	0.08	0.36	0.71	0.09	0.42	0.64	0.08	0.38
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.24	0.15	0.73	1.20	0.15	0.71	0.93	0.12	0.55
Ethylbenzene	0.21	1.43	0.18	0.86	1.48	0.19	0.89	1.18	0.15	0.71
m-Xylene/p-Xylene	0.16	3.79	0.47	2.07	3.90	0.49	2.13	3.00	0.37	1.64
Styrene	0.20	0.65	0.08	0.35	0.64	0.08	0.34	0.39	0.05	0.21
o-Xylene	0.19	1.37	0.17	0.75	1.27	0.16	0.69	0.92	0.12	0.50
1-Nonene	0.19	0.26	0.03	0.15	0.26	0.03	0.15	0.27	0.03	0.16
n-Nonane	0.11	0.80	0.09	0.47	0.76	0.08	0.45	0.44	0.05	0.26
Isopropylbenzene	0.18	0.40	0.04	0.22	0.42	0.05	0.23	0.38	0.04	0.21
a-Pinene	0.18	0.29	0.03	0.16	0.30	0.03	0.17	ND	ND	ND
n-Propylbenzene	0.21	0.66	0.07	0.36	0.64	0.07	0.35	0.34	0.04	0.19
m-Ethyltoluene	0.15	1.02	0.11	0.56	0.98	0.11	0.54	0.68	0.08	0.38
p-Ethyltoluene	0.19	0.82	0.09	0.45	0.77	0.09	0.42	0.51	0.06	0.28
1,3,5-Trimethylbenzene	0.18	0.77	0.09	0.42	0.80	0.09	0.44	0.57	0.06	0.31
o-Ethyltoluene	0.22	0.89	0.10	0.49	0.75	0.08	0.41	0.41	0.05	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.63	0.18	0.90	1.66	0.18	0.91	0.85	0.09	0.47
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.25	0.12	0.73	3.60	0.36	2.11	4.39	0.44	2.58
1,2,3-Trimethylbenzene	0.19	1.31	0.15	0.72	0.77	0.09	0.43	0.30	0.03	0.16
m-Diethylbenzene	0.20	1.12	0.11	0.62	1.81	0.18	1.00	1.55	0.15	0.86
p-Diethylbenzene	0.22	1.71	0.17	0.95	1.74	0.17	0.96	1.69	0.17	0.93
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.14	0.10	0.67	1.17	0.11	0.68	0.62	0.06	0.36
1-Dodecene	0.24	0.30	U	0.02	U	0.17	0.48	U	0.04	U
n-Dodecane	0.49	0.93	0.08	0.55	0.94	0.08	0.55	0.76	0.06	0.44
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		117.25	26.86	68.10	120.28	27.13	69.88	97.82	22.13	56.95
TNMOC, ppbC (w/ unknowns)		384.81	384.81	384.81	395.04	395.04	395.04	558.03	558.03	558.03

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UATMP SNMOC Final Data Report

Sample No.:		S4MO 33515			S4MO 33518			S4MO 33647		
Sampling Date:		5/27/2003			6/2/2003			6/8/2003		
Analysis Date:		6/24/2003			6/24/2003			6/25/2003		
Filename:		L3FX012			L3FX014			L3FX023		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	8.95	4.47	5.18	4.01	2.00	2.32	2.38	1.19	1.38
Acetylene	0.11	6.22	3.11	3.34	2.67	1.33	1.43	1.84	0.92	0.99
Ethane	0.17	29.57	14.78	18.34	11.05	5.52	6.85	7.68	3.84	4.76
Propylene	0.11	4.19	1.40	2.43	1.86	0.62	1.07	1.25	0.42	0.72
Propane	0.19	13.04	4.35	7.91	8.90	2.97	5.39	4.80	1.60	2.91
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	5.19	1.30	3.11	2.11	0.53	1.26	1.78	0.45	1.07
Isobutene/1-Butene	0.17	3.65	0.91	2.11	1.59	0.40	0.92	1.29	0.32	0.75
1,3-Butadiene	0.17	0.67	0.17	0.37	0.32	0.08	0.18	0.18	0.04	0.10
n-Butane	0.17	7.49	1.87	4.49	4.55	1.14	2.73	2.65	0.66	1.59
trans-2-Butene	0.17	0.58	0.14	0.34	0.34	0.09	0.20	0.35	0.09	0.20
cis-2-Butene	0.16	0.83	0.21	0.48	0.60	0.15	0.35	0.47	0.12	0.27
3-Methyl-1-butene	0.16	0.27	0.05	0.15	ND	ND	ND	ND	ND	ND
Isopentane	0.19	15.11	3.02	8.99	4.99	1.00	2.97	4.56	0.91	2.72
1-Pentene	0.20	1.11	0.22	0.64	0.64	0.13	0.37	1.55	0.31	0.90
2-Methyl-1-butene	0.20	1.16	0.23	0.67	0.24	0.05	0.14	0.29	0.06	0.17
n-Pentane	0.19	4.99	1.00	2.97	2.88	0.58	1.72	1.88	0.38	1.12
Isoprene	0.20	2.19	0.44	1.23	1.10	0.22	0.62	3.01	0.60	1.69
trans-2-Pentene	0.21	1.54	0.31	0.91	0.59	0.12	0.35	0.69	0.14	0.41
cis-2-Pentene	0.22	1.00	0.20	0.59	0.52	0.10	0.31	0.55	0.11	0.33
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	0.16	U	0.03
2,2-Dimethylbutane	0.20	1.48	0.25	0.88	0.89	0.15	0.52	0.81	U	0.13
Cyclopentene	0.20	0.28	0.06	0.16	ND	ND	ND	0.16	U	0.03
4-Methyl-1-pentene	0.20	ND	ND	ND	0.36	0.06	0.21	0.45	U	0.08
Cyclopentane	0.20	1.09	0.22	0.63	0.73	0.15	0.42	0.59	U	0.12
2,3-Dimethylbutane	0.20	3.31	0.55	1.96	1.24	0.21	0.74	1.21	U	0.20
2-Methylpentane	0.13	8.28	1.38	4.91	14.03	2.34	8.32	9.27	U	1.54
3-Methylpentane	0.22	7.37	1.23	4.37	3.30	0.55	1.96	2.44	U	0.41
2-Methyl-1-pentene	0.22	0.20	U	0.03	U	0.12	ND	ND	U	ND
1-Hexene	0.32	1.15	0.19	0.68	0.90	0.15	0.53	1.01	U	0.17
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	U	ND
n-Hexane	0.21	4.69	0.78	2.78	1.90	0.32	1.12	1.42	U	0.24
trans-2-Hexene	0.21	0.24	U	0.04	U	0.14	ND	ND	U	ND
cis-2-Hexene	0.21	0.15	U	0.02	U	0.09	ND	ND	U	ND
Methylcyclopentane	0.21	2.43	0.41	1.41	1.13	0.19	0.65	0.96	U	0.16
2,4-Dimethylpentane	0.22	2.48	0.35	1.26	0.98	0.14	0.50	0.87	U	0.12
Benzene	0.18	3.90	0.65	2.10	2.05	0.34	1.10	1.44	U	0.24
Cyclohexane	0.16	1.87	0.31	1.08	1.23	0.20	0.71	1.12	U	0.19
2-Methylhexane	0.21	3.62	0.52	2.14	1.62	0.23	0.96	1.46	U	0.21
2,3-Dimethylpentane	0.28	3.62	0.52	2.14	1.57	0.22	0.93	1.37	U	0.20
3-Methylhexane	0.17	3.42	0.49	2.02	1.86	0.27	1.10	0.87	U	0.12
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	U	ND
2,2,4-Trimethylpentane	0.19	10.42	1.30	6.14	2.52	0.31	1.48	2.61	U	0.33
n-Heptane	0.23	2.76	0.39	1.63	1.18	0.17	0.70	1.01	U	0.14
Methylcyclohexane	0.25	1.91	0.27	1.11	0.91	0.13	0.52	0.86	U	0.12
2,2,3-Trimethylpentane	0.25	1.73	0.22	1.02	0.36	0.05	0.21	0.33	U	0.04
2,3,4-Trimethylpentane	0.20	3.81	0.48	2.24	1.05	0.13	0.62	1.03	U	0.13
Toluene	0.20	16.00	2.29	8.69	6.72	0.96	3.65	5.18	U	0.74
2-Methylheptane	0.17	2.59	0.32	1.53	1.78	0.22	1.05	1.15	U	0.14
3-Methylheptane	0.20	1.45	0.18	0.85	0.70	0.09	0.41	0.59	U	0.07
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	U	ND
n-Octane	0.21	1.71	0.21	1.01	0.96	0.12	0.57	0.73	U	0.09
Ethylbenzene	0.21	2.44	0.31	1.46	1.33	0.17	0.80	1.12	U	0.14
m-Xylene/p-Xylene	0.16	6.92	0.86	3.79	3.42	0.43	1.87	2.66	U	0.33
Styrene	0.20	0.76	0.10	0.41	0.51	0.06	0.28	0.50	U	0.06
o-Xylene	0.19	2.35	0.29	1.29	1.13	0.14	0.62	0.94	U	0.12
1-Nonene	0.19	0.34	0.04	0.20	ND	ND	ND	ND	U	ND
n-Nonane	0.11	1.32	0.15	0.77	0.53	0.06	0.31	0.49	U	0.05
Isopropylbenzene	0.18	0.42	0.05	0.23	0.37	0.04	0.20	0.35	U	0.04
a-Pinene	0.18	0.83	0.08	0.47	0.26	0.03	0.14	2.66	U	0.27
n-Propylbenzene	0.21	0.86	0.10	0.47	0.42	0.05	0.23	0.45	U	0.05
m-Ethyltoluene	0.15	1.76	0.20	0.97	0.70	0.08	0.38	0.76	U	0.08
p-Ethyltoluene	0.19	1.24	0.14	0.68	0.56	0.06	0.31	0.53	U	0.06
1,3,5-Trimethylbenzene	0.18	1.28	0.14	0.70	0.53	0.06	0.29	0.51	U	0.06
o-Ethyltoluene	0.22	1.34	0.15	0.74	0.74	0.08	0.41	0.82	U	0.09
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	0.70	U	0.07
1,2,4-Trimethylbenzene	0.21	2.48	0.28	1.37	1.53	0.17	0.84	0.80	U	0.09
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	U	ND
n-Decane	0.25	3.19	0.32	1.87	1.22	0.12	0.72	1.07	U	0.11
1,2,3-Trimethylbenzene	0.19	1.12	0.12	0.62	0.72	0.08	0.39	0.47	U	0.05
m-Diethylbenzene	0.20	3.15	0.31	1.74	1.96	0.20	1.09	0.81	U	0.08
p-Diethylbenzene	0.22	3.24	0.32	1.79	2.66	0.27	1.47	1.75	U	0.18
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	U	ND
n-Undecane	0.24	1.22	0.11	0.72	0.78	0.07	0.46	0.67	U	0.06
1-Dodecene	0.24	0.29	U	0.02	U	0.17	ND	0.58	U	0.05
n-Dodecane	0.49	1.05	0.09	0.62	0.84	0.07	0.49	0.72	U	0.06
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	U	ND
n-Tridecane	0.49	ND	ND	ND	0.34	U	0.03	U	U	0.20
TNMOC (speciated)		237.30	56.02	138.40	119.44	26.96	69.66	95.62	20.24	55.58
TNMOC, ppbC (w/ unknowns)		819.31	819.31	819.31	570.84	570.84	570.84	373.39	373.39	373.39

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 33686			S4MO 33962			S4MO 34146 D1		
Sampling Date:		6/14/2003			6/20/2003			6/26/2003		
Analysis Date:		6/26/2003			7/9/2003			7/22/2003		
Filename:		L3FZ011			L3GH023			L3GU014		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.07	2.04	2.36	3.28	1.64	1.90	3.77	1.89	2.18
Acetylene	0.11	2.61	1.31	1.40	2.25	1.12	1.21	2.59	1.30	1.39
Ethane	0.17	10.38	5.19	6.44	8.60	4.30	5.33	8.12	4.06	5.04
Propylene	0.11	1.73	0.58	1.00	2.27	0.76	1.31	2.40	0.80	1.39
Propane	0.19	6.15	2.05	3.73	5.54	1.85	3.36	5.24	1.75	3.18
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.49	0.62	1.49	2.20	0.55	1.32	1.86	0.47	1.12
Isobutene/1-Butene	0.17	1.72	0.43	0.99	2.01	0.50	1.16	2.75	0.69	1.59
1,3-Butadiene	0.17	0.16	U 0.04	U 0.09	0.17	U 0.04	U 0.09	0.26	0.06	0.14
n-Butane	0.17	4.40	1.10	2.64	3.80	0.95	2.28	2.80	0.70	1.68
trans-2-Butene	0.17	0.42	0.11	0.24	0.74	0.19	0.43	0.51	0.13	0.29
cis-2-Butene	0.16	0.67	0.17	0.39	1.05	0.26	0.61	0.68	0.17	0.40
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	8.55	1.71	5.09	7.82	1.56	4.65	5.77	1.15	3.43
1-Pentene	0.20	1.09	0.22	0.63	1.36	0.27	0.79	0.67	0.13	0.39
2-Methyl-1-butene	0.20	0.27	0.05	0.15	0.28	0.06	0.16	0.37	0.07	0.21
n-Pentane	0.19	3.15	0.63	1.88	2.75	0.55	1.63	1.94	0.39	1.16
Isoprene	0.20	1.76	0.35	0.99	1.64	0.33	0.92	2.16	0.43	1.22
trans-2-Pentene	0.21	0.70	0.14	0.41	0.78	0.16	0.47	0.79	0.16	0.47
cis-2-Pentene	0.22	0.58	0.12	0.35	0.97	0.19	0.58	0.71	0.14	0.42
2-Methyl-2-butene	0.22	0.22	U 0.04	U 0.13	0.18	U 0.04	U 0.10	0.43	0.09	0.25
2,2-Dimethylbutane	0.20	0.98	0.16	0.58	1.28	0.21	0.76	0.85	0.14	0.50
Cyclopentene	0.20	0.22	U 0.04	U 0.12	0.16	U 0.03	U 0.09	0.19	U 0.04	U 0.11
4-Methyl-1-pentene	0.20	0.68	0.11	0.39	0.22	U 0.04	U 0.13	0.49	0.08	0.28
Cyclopentane	0.20	0.66	0.13	0.38	0.91	0.18	0.53	0.69	0.14	0.40
2,3-Dimethylbutane	0.20	1.74	0.29	1.03	1.89	0.32	1.12	1.64	0.27	0.97
2-Methylpentane	0.13	2.87	0.48	1.70	2.24	0.37	1.33	2.49	0.42	1.48
3-Methylpentane	0.22	4.13	0.69	2.45	2.09	0.35	1.24	2.39	0.40	1.41
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	1.03	0.17	0.61	1.64	0.27	0.97	1.05	0.17	0.62
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.24	0.37	1.33	2.19	0.36	1.30	2.79	0.46	1.65
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.07	0.18	0.62	1.40	0.23	0.81	1.52	0.25	0.88
2,4-Dimethylpentane	0.22	1.33	0.19	0.68	1.44	0.21	0.73	1.35	0.19	0.69
Benzene	0.18	2.07	0.35	1.11	2.24	0.37	1.20	2.05	0.34	1.10
Cyclohexane	0.16	0.92	0.15	0.53	1.55	0.26	0.89	1.09	0.18	0.63
2-Methylhexane	0.21	0.88	0.13	0.52	1.88	0.27	1.11	0.99	0.14	0.58
2,3-Dimethylpentane	0.28	1.46	0.21	0.86	2.26	0.32	1.33	1.54	0.22	0.91
3-Methylhexane	0.17	1.32	0.19	0.78	0.46	0.07	0.27	0.55	0.08	0.32
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.48	0.44	2.05	3.09	0.39	1.82	4.19	0.52	2.47
n-Heptane	0.23	1.07	0.15	0.63	1.33	0.19	0.78	1.18	0.17	0.70
Methylcyclohexane	0.25	0.76	0.11	0.44	1.30	0.19	0.75	1.00	0.14	0.58
2,2,3-Trimethylpentane	0.25	0.44	0.06	0.26	0.31	0.04	0.18	0.59	0.07	0.35
2,3,4-Trimethylpentane	0.20	1.38	0.17	0.81	1.31	0.16	0.77	1.61	0.20	0.95
Toluene	0.20	6.26	0.89	3.40	5.94	0.85	3.22	6.68	0.95	3.63
2-Methylheptane	0.17	0.62	0.08	0.37	0.85	0.11	0.50	0.70	0.09	0.41
3-Methylheptane	0.20	0.75	0.09	0.44	0.89	0.11	0.52	0.66	0.08	0.39
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.69	0.09	0.40	0.95	0.12	0.56	0.76	0.09	0.45
Ethylbenzene	0.21	1.44	0.18	0.86	1.40	0.18	0.84	1.04	0.13	0.62
m-Xylene/p-Xylene	0.16	3.61	0.45	1.97	2.90	0.36	1.59	2.58	0.32	1.41
Styrene	0.20	0.50	0.06	0.27	0.68	0.09	0.37	0.48	0.06	0.26
o-Xylene	0.19	1.14	0.14	0.82	1.10	0.14	0.60	0.98	0.12	0.54
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.50	0.06	0.29	0.74	0.08	0.43	0.60	0.07	0.35
Isopropylbenzene	0.18	0.30	0.03	0.17	0.64	0.07	0.35	0.34	0.04	0.19
a-Pinene	0.18	0.28	0.03	0.16	0.28	0.03	0.16	0.31	0.03	0.18
n-Propylbenzene	0.21	0.41	0.05	0.23	0.52	0.06	0.28	0.50	0.06	0.28
m-Ethyltoluene	0.15	0.66	0.07	0.36	0.83	0.09	0.46	0.76	0.08	0.42
p-Ethyltoluene	0.19	0.54	0.06	0.30	0.80	0.09	0.44	0.62	0.07	0.34
1,3,5-Trimethylbenzene	0.18	0.44	0.05	0.24	0.66	0.07	0.37	0.55	0.06	0.30
o-Ethyltoluene	0.22	0.64	0.07	0.35	0.89	0.10	0.49	0.61	0.07	0.33
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.08	0.12	0.59	1.36	0.15	0.75	1.22	0.14	0.67
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.83	0.08	0.48	1.00	0.10	0.59	NR	NR	NR
1,2,3-Trimethylbenzene	0.19	0.30	0.03	0.17	0.47	0.05	0.26	0.34	0.04	0.19
m-Diethylbenzene	0.20	0.36	0.04	0.20	0.67	0.07	0.37	0.38	0.04	0.21
p-Diethylbenzene	0.22	0.19	U 0.02	U 0.11	0.37	0.04	0.21	0.29	0.03	0.16
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.54	0.05	0.32	0.88	0.08	0.51	0.70	0.06	0.41
1-Dodecene	0.24	0.32	U 0.03	U 0.19	ND	ND	ND	0.19	U 0.02	U 0.11
n-Dodecane	0.49	0.49	U 0.04	U 0.29	0.98	0.08	0.58	0.55	0.05	0.32
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		104.71	24.46	61.06	104.61	23.24	60.85	95.88	21.91	55.68
TNMOC, ppbC (w/ unknowns)		153.36	153.36	153.36	132.48	132.48	132.48	137.67	137.67	137.67

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UATMP SNMOC Final Data Report

Sample No.:		S4MO 34146 R1			S4MO 34148 D2			S4MO 34148 R2		
Sampling Date:		6/26/2003			6/26/2003			6/26/2003		
Analysis Date:		7/23/2003			7/22/2003			7/24/2003		
Filename:		L3GW013			L3GU015			L3GW014		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.39	1.70	1.96	3.98	1.99	2.30	3.16	1.58	1.83
Acetylene	0.11	2.19	1.10	1.18	2.59	1.30	1.39	1.95	0.98	1.05
Ethane	0.17	7.46	3.73	4.62	8.17	4.08	5.07	6.58	3.29	4.08
Propylene	0.11	2.09	0.70	1.21	2.49	0.83	1.44	1.92	0.64	1.11
Propane	0.19	4.64	1.55	2.81	5.33	1.78	3.23	4.28	1.43	2.60
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.53	0.38	0.92	1.95	0.49	1.17	1.44	0.36	0.86
Isobutene/1-Butene	0.17	2.41	0.60	1.39	2.09	0.52	1.21	1.50	0.37	0.87
1,3-Butadiene	0.17	0.25	0.06	0.14	0.24	0.06	0.13	0.20	0.05	0.11
n-Butane	0.17	2.27	0.57	1.36	2.85	0.71	1.71	2.06	0.51	1.23
trans-2-Butene	0.17	0.21	0.05	0.12	0.56	0.14	0.32	0.21	0.05	0.12
cis-2-Butene	0.16	0.32	0.08	0.18	0.99	0.25	0.57	0.38	0.10	0.22
3-Methyl-1-butene	0.16	ND	ND	ND	0.11	U	0.02	U	0.06	ND
Isopentane	0.19	4.74	0.95	2.82	7.45	1.49	4.43	5.36	1.07	3.19
1-Pentene	0.20	0.49	0.10	0.28	0.83	0.17	0.48	0.48	0.10	0.28
2-Methyl-1-butene	0.20	0.32	0.06	0.19	0.38	0.08	0.22	0.29	0.06	0.17
n-Pentane	0.19	1.52	0.30	0.90	1.99	0.40	1.19	1.41	0.28	0.84
Isoprene	0.20	1.67	0.33	0.94	2.16	0.43	1.21	1.54	0.31	0.87
trans-2-Pentene	0.21	0.52	0.10	0.31	0.82	0.16	0.49	0.44	0.09	0.26
cis-2-Pentene	0.22	0.34	0.07	0.20	0.74	0.15	0.44	0.31	0.06	0.19
2-Methyl-2-butene	0.22	0.34	0.07	0.20	0.37	0.07	0.21	0.29	0.06	0.17
2,2-Dimethylbutane	0.20	0.41	0.07	0.25	0.91	0.15	0.54	0.37	0.06	0.22
Cyclopentene	0.20	0.15	U	0.03	U	0.08	0.35	0.07	0.20	0.16
4-Methyl-1-pentene	0.20	0.36	0.06	0.21	0.94	0.16	0.54	0.75	0.12	0.43
Cyclopentane	0.20	0.46	0.09	0.26	0.74	0.15	0.43	0.46	0.09	0.27
2,3-Dimethylbutane	0.20	0.97	0.16	0.58	1.66	0.28	0.98	0.85	0.14	0.50
2-Methylpentane	0.13	2.04	0.34	1.21	2.49	0.42	1.48	1.80	0.30	1.07
3-Methylpentane	0.22	1.32	0.22	0.78	2.52	0.42	1.49	1.42	0.24	0.84
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.47	0.08	0.28	1.40	0.23	0.83	0.61	0.10	0.36
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.28	0.38	1.35	2.82	0.47	1.67	2.18	0.36	1.29
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.08	0.18	0.63	1.48	0.25	0.86	0.99	0.16	0.57
2,4-Dimethylpentane	0.22	0.83	0.12	0.42	1.38	0.20	0.70	0.75	0.11	0.38
Benzene	0.18	1.50	0.25	0.81	1.97	0.33	1.06	1.35	0.23	0.73
Cyclohexane	0.16	0.65	0.11	0.37	1.09	0.18	0.63	0.48	0.08	0.28
2-Methylhexane	0.21	1.95	0.28	1.15	1.03	0.15	0.61	1.71	0.24	1.01
2,3-Dimethylpentane	0.28	2.51	0.36	1.48	1.67	0.24	0.98	1.76	0.25	1.04
3-Methylhexane	0.17	0.33	0.05	0.19	ND	ND	ND	ND	ND	ND
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.48	0.44	2.05	4.24	0.53	2.50	3.15	0.39	1.86
n-Heptane	0.23	0.89	0.13	0.53	1.21	0.17	0.72	0.77	0.11	0.45
Methylcyclohexane	0.25	0.65	0.09	0.38	1.01	0.14	0.58	0.53	0.08	0.31
2,2,3-Trimethylpentane	0.25	0.54	0.07	0.32	0.68	0.09	0.40	0.50	0.06	0.30
2,3,4-Trimethylpentane	0.20	1.25	0.16	0.74	1.59	0.20	0.94	1.08	0.14	0.64
Toluene	0.20	5.65	0.81	3.07	6.55	0.94	3.56	5.10	0.73	2.77
2-Methylheptane	0.17	0.38	0.05	0.22	0.70	0.09	0.41	0.38	0.05	0.23
3-Methylheptane	0.20	0.46	0.06	0.27	0.68	0.08	0.40	0.34	0.04	0.20
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.43	0.05	0.26	0.69	0.09	0.41	0.37	0.05	0.22
Ethylbenzene	0.21	0.72	0.09	0.43	1.01	0.13	0.61	0.59	0.07	0.35
m-Xylene/p-Xylene	0.16	1.88	0.23	1.03	2.46	0.31	1.34	1.60	0.20	0.88
Styrene	0.20	0.26	0.03	0.14	0.44	0.05	0.23	0.18	U	0.10
o-Xylene	0.19	0.75	0.09	0.41	0.93	0.12	0.51	0.59	0.07	0.32
1-Nonene	0.19	0.14	U	0.02	U	0.12	0.12	0.15	U	0.09
n-Nonane	0.11	0.34	0.04	0.20	0.59	0.07	0.35	0.36	0.04	0.21
Isopropylbenzene	0.18	0.13	U	0.01	U	0.07	0.19	0.13	U	0.07
a-Pinene	0.18	0.27	0.03	0.15	0.24	U	0.02	U	0.02	U
n-Propylbenzene	0.21	0.28	0.03	0.15	0.43	0.05	0.24	0.24	0.03	0.13
m-Ethyltoluene	0.15	0.51	0.06	0.28	0.68	0.08	0.37	0.43	0.05	0.24
p-Ethyltoluene	0.19	0.34	0.04	0.19	0.63	0.07	0.35	0.27	0.03	0.15
1,3,5-Trimethylbenzene	0.18	0.32	0.04	0.18	0.46	0.05	0.25	0.34	0.04	0.19
o-Ethyltoluene	0.22	0.41	0.05	0.23	0.51	0.06	0.28	0.31	0.03	0.17
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.90	0.10	0.50	1.16	0.13	0.64	0.78	0.09	0.43
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.61	0.06	0.36	0.80	0.08	0.47	0.50	0.05	0.29
1,2,3-Trimethylbenzene	0.19	0.25	0.03	0.14	0.32	0.04	0.18	0.18	U	0.10
m-Diethylbenzene	0.20	0.24	0.02	0.13	0.43	0.04	0.24	0.18	U	0.10
p-Diethylbenzene	0.22	0.18	U	0.02	U	0.14	0.14	0.12	U	0.07
1-Undecene	0.22	ND	ND	ND	0.15	U	0.01	U	0.08	0.05
n-Undecane	0.24	0.55	0.05	0.32	0.63	0.06	0.37	0.42	0.04	0.24
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.37	U	0.03	U	0.22	0.53	0.26	U	0.15
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		77.15	18.17	44.90	99.04	22.60	57.58	69.73	16.47	40.61
TNMOC, ppbC (w/ unknowns)		106.25	106.25	106.25	161.27	161.27	161.27	117.37	117.37	117.37

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 34195			S4MO 34312			S4MO 34488 D1		
Sampling Date:		7/2/2003			7/8/2003			7/14/2003		
Analysis Date:		7/22/2003			7/22/2003			7/24/2003		
Filename:		L3GU016			L3GU021			L3GW016		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	5.23	2.61	3.02	3.00	1.50	1.74	2.57	1.29	1.49
Acetylene	0.11	5.74	2.87	3.08	2.20	1.10	1.18	1.46	0.73	0.78
Ethane	0.17	17.91	8.96	11.11	5.81	2.91	3.60	7.81	3.91	4.85
Propylene	0.11	3.59	1.20	2.08	1.87	0.62	1.08	1.44	0.48	0.83
Propane	0.19	12.15	4.05	7.37	5.19	1.73	3.14	6.59	2.20	4.00
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	4.92	1.23	2.95	1.90	0.48	1.14	1.49	0.37	0.89
Isobutene/1-Butene	0.17	2.86	0.71	1.65	1.70	0.42	0.98	1.33	0.33	0.77
1,3-Butadiene	0.17	0.56	0.14	0.31	0.13	U	0.03	U	0.04	U
n-Butane	0.17	8.13	2.03	4.87	3.25	0.81	1.95	3.12	0.78	1.87
trans-2-Butene	0.17	0.58	0.15	0.34	0.57	0.14	0.33	ND	ND	ND
cis-2-Butene	0.16	0.89	0.22	0.52	0.95	0.24	0.55	ND	ND	ND
3-Methyl-1-butene	0.16	0.26	0.05	0.15	ND	ND	ND	ND	ND	ND
Isopentane	0.19	18.88	3.78	11.24	7.32	1.46	4.36	5.63	1.13	3.35
1-Pentene	0.20	1.29	0.26	0.75	0.79	0.16	0.46	0.25	0.05	0.15
2-Methyl-1-butene	0.20	0.99	0.20	0.57	0.39	0.08	0.22	0.23	0.05	0.13
n-Pentane	0.19	4.60	0.92	2.74	2.07	0.41	1.23	1.92	0.38	1.14
Isoprene	0.20	2.33	0.47	1.31	26.54	5.31	14.91	1.65	0.33	0.93
trans-2-Pentene	0.21	1.29	0.26	0.77	0.92	0.18	0.54	0.21	U	0.04
cis-2-Pentene	0.22	1.05	0.21	0.62	0.83	0.17	0.50	ND	ND	ND
2-Methyl-2-butene	0.22	0.82	0.16	0.48	0.22	0.04	0.13	0.21	U	0.04
2,2-Dimethylbutane	0.20	1.52	0.25	0.90	1.11	0.18	0.66	0.22	0.04	0.13
Cyclopentene	0.20	0.46	0.09	0.26	0.28	0.06	0.15	0.27	0.05	0.15
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	1.26	0.25	0.73	0.80	0.16	0.46	0.36	0.07	0.21
2,3-Dimethylbutane	0.20	3.63	0.61	2.15	1.69	0.28	1.00	0.48	0.08	0.28
2-Methylpentane	0.13	7.48	1.25	4.43	1.94	0.32	1.15	1.49	0.25	0.88
3-Methylpentane	0.22	5.80	0.97	3.43	1.86	0.31	1.10	1.42	0.24	0.84
2-Methyl-1-pentene	0.22	0.16	U	0.03	U	0.10	ND	ND	ND	ND
1-Hexene	0.32	1.25	0.21	0.74	1.34	0.22	0.80	0.18	U	0.03
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	5.22	0.87	3.09	1.90	0.32	1.12	1.66	0.28	0.98
trans-2-Hexene	0.21	0.23	U	0.04	U	0.13	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	3.25	0.54	1.88	1.24	0.21	0.71	0.68	0.11	0.40
2,4-Dimethylpentane	0.22	2.91	0.42	1.48	1.41	0.20	0.71	0.51	0.07	0.26
Benzene	0.18	3.76	0.63	2.02	1.64	0.27	0.88	1.14	0.19	0.61
Cyclohexane	0.16	1.88	0.31	1.09	1.27	0.21	0.73	0.34	0.06	0.20
2-Methylhexane	0.21	3.65	0.52	2.16	1.72	0.25	1.02	0.39	0.06	0.23
2,3-Dimethylpentane	0.28	4.02	0.57	2.37	2.25	0.32	1.33	0.63	0.09	0.37
3-Methylhexane	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	10.54	1.32	6.21	2.68	0.34	1.58	2.29	0.29	1.35
n-Heptane	0.23	2.55	0.36	1.51	1.07	0.15	0.63	0.54	0.08	0.32
Methylcyclohexane	0.25	1.98	0.28	1.14	0.95	0.14	0.55	0.32	0.05	0.18
2,2,3-Trimethylpentane	0.25	1.57	0.20	0.92	0.34	0.04	0.20	0.28	0.04	0.17
2,3,4-Trimethylpentane	0.20	3.83	0.48	2.25	1.25	0.16	0.74	0.64	0.08	0.37
Toluene	0.20	14.79	2.11	8.03	4.63	0.66	2.51	3.16	0.45	1.71
2-Methylheptane	0.17	1.20	0.15	0.71	0.81	0.10	0.48	0.22	0.03	0.13
3-Methylheptane	0.20	1.32	0.16	0.78	0.71	0.09	0.42	0.14	U	0.02
1-Octene	0.20	0.13	U	0.02	U	0.07	ND	ND	ND	ND
n-Octane	0.21	1.26	0.16	0.74	0.81	0.10	0.48	0.27	0.03	0.16
Ethylbenzene	0.21	2.16	0.27	1.30	0.88	0.11	0.53	0.61	0.08	0.36
m-Xylene/p-Xylene	0.16	5.60	0.70	3.07	2.16	0.27	1.18	1.49	0.19	0.81
Styrene	0.20	0.66	0.08	0.35	0.59	0.07	0.32	ND	ND	ND
o-Xylene	0.19	2.38	0.30	1.31	0.90	0.11	0.49	0.47	0.06	0.25
1-Nonene	0.19	0.40	0.04	0.23	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	1.20	0.13	0.70	0.70	0.08	0.41	0.20	0.02	0.12
Isopropylbenzene	0.18	0.43	0.05	0.23	0.55	0.06	0.30	ND	ND	ND
a-Pinene	0.18	0.77	0.08	0.43	0.66	0.07	0.37	0.25	U	0.02
n-Propylbenzene	0.21	0.70	0.08	0.39	0.56	0.06	0.31	0.21	U	0.02
m-Ethyltoluene	0.15	1.54	0.17	0.85	0.87	0.10	0.48	0.41	0.05	0.22
p-Ethyltoluene	0.19	1.09	0.12	0.60	0.79	0.09	0.44	0.27	0.03	0.15
1,3,5-Trimethylbenzene	0.18	0.91	0.10	0.50	0.68	0.08	0.37	0.24	0.03	0.13
o-Ethyltoluene	0.22	1.42	0.16	0.78	1.15	0.13	0.63	0.40	0.04	0.22
b-Pinene	0.22	0.14	U	0.01	U	0.08	0.38	0.21	ND	ND
1,2,4-Trimethylbenzene	0.21	2.35	0.26	1.29	1.20	0.13	0.66	0.70	0.08	0.38
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.60	0.16	0.94	1.58	0.16	0.93	0.51	0.05	0.30
1,2,3-Trimethylbenzene	0.19	0.64	0.07	0.35	0.44	0.05	0.24	0.18	U	0.02
m-Diethylbenzene	0.20	0.61	0.06	0.34	0.54	0.05	0.30	0.09	U	0.01
p-Diethylbenzene	0.22	0.46	0.05	0.26	0.36	0.04	0.20	ND	ND	ND
1-Undecene	0.22	0.16	U	0.01	U	0.09	ND	ND	ND	ND
n-Undecane	0.24	1.58	0.14	0.93	1.37	0.12	0.80	0.46	0.04	0.27
1-Dodecene	0.24	0.26	U	0.02	U	0.15	0.14	U	0.01	U
n-Dodecane	0.49	0.82	0.07	0.48	0.80	0.07	0.47	0.38	U	0.03
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	0.23	U	0.02	U	0.13	ND	ND	ND	ND
TNMOC (speciated)		207.80	46.42	121.04	116.62	24.78	67.27	60.62	15.58	35.55
TNMOC, ppbC (w/ unknowns)		292.81	292.81	292.81	181.18	181.18	181.18	108.50	108.50	108.50

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 34488 R1			S4MO 34490 D2			S4MO 34490 R2		
Sampling Date:		7/14/2003			7/14/2003			7/14/2003		
Analysis Date:		8/1/2003			7/24/2003			8/1/2003		
Filename:		L3HA013			L3GW017			L3HA014		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.69	1.35	1.56	2.28	1.14	1.32	2.28	1.14	1.32
Acetylene	0.11	1.52	0.76	0.82	1.45	0.73	0.78	1.29	0.64	0.69
Ethane	0.17	7.87	3.94	4.88	7.70	3.85	4.78	7.70	3.85	4.78
Propylene	0.11	1.47	0.49	0.85	1.33	0.44	0.77	1.36	0.45	0.78
Propane	0.19	6.64	2.21	4.03	6.34	2.11	3.84	6.46	2.15	3.92
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.49	0.37	0.89	1.47	0.37	0.88	1.44	0.36	0.86
Isobutene/1-Butene	0.17	1.41	0.35	0.82	1.20	0.30	0.69	1.37	0.34	0.79
1,3-Butadiene	0.17	0.15	U	0.04	U	0.03	U	0.07	0.14	U
n-Butane	0.17	3.16	0.79	1.90	3.00	0.75	1.80	3.02	0.75	1.81
trans-2-Butene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Butene	0.16	0.27	0.07	0.16	ND	ND	ND	0.16	0.04	0.09
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	5.18	1.04	3.09	5.32	1.06	3.17	4.58	0.92	2.72
1-Pentene	0.20	0.25	0.05	0.14	0.40	0.08	0.23	0.34	0.07	0.20
2-Methyl-1-butene	0.20	0.26	0.05	0.15	0.21	U	0.04	U	0.12	0.20
n-Pentane	0.19	1.97	0.39	1.18	1.87	0.37	1.12	1.87	0.37	1.12
Isoprene	0.20	1.65	0.33	0.93	2.03	0.41	1.14	2.13	0.43	1.20
trans-2-Pentene	0.21	0.22	0.04	0.13	0.18	U	0.04	U	0.11	0.17
cis-2-Pentene	0.22	0.11	U	0.02	U	0.02	U	0.07	ND	ND
2-Methyl-2-butene	0.22	0.25	0.05	0.14	0.17	U	0.03	U	0.16	U
2,2-Dimethylbutane	0.20	0.22	0.04	0.13	0.24	0.04	0.14	0.22	0.04	0.13
Cyclopentene	0.20	0.33	0.07	0.19	0.29	0.06	0.16	0.34	0.07	0.19
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.41	0.08	0.23	0.35	0.07	0.20	0.39	0.08	0.23
2,3-Dimethylbutane	0.20	0.50	0.08	0.29	0.50	0.08	0.30	0.52	0.09	0.31
2-Methylpentane	0.13	1.49	0.25	0.88	1.47	0.24	0.87	1.45	0.24	0.86
3-Methylpentane	0.22	2.26	0.38	1.34	1.22	0.20	0.72	1.41	0.24	0.84
2-Methyl-1-pentene	0.22	0.12	U	0.02	U	0.02	U	0.07	ND	ND
1-Hexene	0.32	0.18	U	0.03	U	0.03	U	0.19	U	0.11
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.68	0.28	1.00	1.59	0.27	0.94	1.66	0.28	0.98
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.68	0.11	0.39	0.67	0.11	0.39	0.66	0.11	0.38
2,4-Dimethylpentane	0.22	0.48	0.07	0.24	0.46	0.07	0.23	0.48	0.07	0.24
Benzene	0.18	1.15	0.19	0.62	1.14	0.19	0.61	1.18	0.20	0.63
Cyclohexane	0.16	0.28	0.05	0.16	0.36	0.06	0.21	0.42	0.07	0.24
2-Methylhexane	0.21	0.47	0.07	0.28	0.43	0.06	0.25	0.41	0.06	0.24
2,3-Dimethylpentane	0.28	0.95	0.14	0.56	0.64	0.09	0.38	0.92	0.13	0.54
3-Methylhexane	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.44	0.30	1.44	1.93	0.24	1.14	1.95	0.24	1.15
n-Heptane	0.23	0.64	0.09	0.38	0.58	0.08	0.34	0.53	0.08	0.31
Methylcyclohexane	0.25	0.31	0.04	0.18	0.29	0.04	0.17	0.29	0.04	0.17
2,2,3-Trimethylpentane	0.25	0.25	0.03	0.15	0.29	0.04	0.17	0.22	0.03	0.13
2,3,4-Trimethylpentane	0.20	0.63	0.08	0.37	0.62	0.08	0.36	0.63	0.08	0.37
Toluene	0.20	3.19	0.46	1.73	3.18	0.45	1.72	3.11	0.44	1.69
2-Methylheptane	0.17	0.33	0.04	0.19	0.18	0.02	0.11	0.20	0.03	0.12
3-Methylheptane	0.20	0.16	U	0.02	U	0.02	U	0.16	U	0.09
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.26	0.03	0.15	0.27	0.03	0.16	0.29	0.04	0.17
Ethylbenzene	0.21	0.67	0.08	0.40	0.59	0.07	0.35	0.60	0.07	0.36
m-Xylene/p-Xylene	0.16	1.68	0.21	0.92	1.56	0.20	0.86	1.63	0.20	0.89
Styrene	0.20	0.11	U	0.01	U	0.01	U	0.15	U	0.08
o-Xylene	0.19	0.58	0.07	0.32	0.53	0.07	0.29	0.60	0.07	0.33
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	0.16	U	0.09
n-Nonane	0.11	0.28	0.03	0.16	0.30	0.03	0.18	0.25	0.03	0.15
Isopropylbenzene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-Pinene	0.18	0.34	0.03	0.19	0.25	U	0.02	U	0.14	0.27
n-Propylbenzene	0.21	0.22	0.02	0.12	0.18	U	0.02	U	0.19	U
m-Ethyltoluene	0.15	0.41	0.05	0.22	0.38	0.04	0.21	0.41	0.05	0.23
p-Ethyltoluene	0.19	0.28	0.03	0.16	0.24	0.03	0.13	0.23	0.03	0.12
1,3,5-Trimethylbenzene	0.18	0.21	0.02	0.11	0.24	0.03	0.13	0.29	0.03	0.16
o-Ethyltoluene	0.22	0.37	0.04	0.21	0.43	0.05	0.23	0.41	0.05	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.70	0.08	0.39	0.68	0.08	0.37	0.68	0.08	0.37
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.52	0.05	0.30	0.41	0.04	0.24	0.42	0.04	0.25
1,2,3-Trimethylbenzene	0.19	0.10	U	0.01	U	0.02	U	0.08	U	0.04
m-Diethylbenzene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	0.17	U	0.02	U	0.16	U
n-Undecane	0.24	0.46	0.04	0.27	0.44	0.04	0.26	0.44	0.04	0.26
1-Dodecene	0.24	0.10	U	0.01	U	0.06	ND	0.14	U	0.08
n-Dodecane	0.49	0.37	U	0.03	U	0.22	0.40	0.39	U	0.23
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	0.12	U	0.01	U	0.07	ND	ND	ND	ND
TNMOC (speciated)		63.51	16.13	37.23	59.53	15.19	34.89	59.76	15.18	35.00
TNMOC, ppbC (w/ unknowns)		132.22	132.22	132.22	94.51	94.51	94.51	106.32	106.32	106.32

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	S4MO 34675				S4MO 34754			S4MO 34921		
Sampling Date:	7/20/2003				7/26/2003			8/1/2003		
Analysis Date:	8/21/2003				8/21/2003			9/5/2003		
Filename:	L3HT009				L3HT016			L3ID016		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.99	1.50	1.73	2.49	1.25	1.44	6.07	3.03	3.51
Acetylene	0.11	1.86	0.93	1.00	1.33	0.67	0.72	3.78	1.89	2.03
Ethane	0.17	8.34	4.17	5.17	5.23	2.61	3.24	7.72	3.86	4.79
Propylene	0.11	2.16	0.72	1.25	1.41	0.47	0.82	3.34	1.11	1.93
Propane	0.19	5.47	1.82	3.32	10.54	3.51	6.39	5.89	1.96	3.57
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.68	0.42	1.01	1.28	0.32	0.77	1.94	0.48	1.16
Isobutene/1-Butene	0.17	1.97	0.49	1.14	1.58	0.39	0.91	6.93	1.73	4.01
1,3-Butadiene	0.17	0.20	0.05	0.11	ND	ND	ND	0.27	0.07	0.15
n-Butane	0.17	3.02	0.76	1.81	5.43	1.36	3.26	3.13	0.78	1.88
trans-2-Butene	0.17	0.30	0.08	0.18	0.31	0.08	0.18	0.46	0.12	0.27
cis-2-Butene	0.16	0.49	0.12	0.28	0.51	0.13	0.30	0.71	0.18	0.41
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	0.14	U	0.03
Isopentane	0.19	10.70	2.14	6.37	9.75	1.95	5.80	59.14	11.83	35.21
1-Pentene	0.20	0.59	0.12	0.34	0.34	0.07	0.19	0.83	0.17	0.48
2-Methyl-1-butene	0.20	0.38	0.08	0.22	0.22	0.04	0.13	1.27	0.25	0.74
n-Pentane	0.19	2.09	0.42	1.24	1.97	0.39	1.17	2.74	0.55	1.63
Isoprene	0.20	6.80	1.36	3.82	4.85	0.97	2.72	5.61	1.12	3.15
trans-2-Pentene	0.21	0.47	0.09	0.28	0.36	0.07	0.22	0.77	0.15	0.46
cis-2-Pentene	0.22	0.37	0.07	0.22	0.29	0.06	0.17	0.57	0.11	0.34
2-Methyl-2-butene	0.22	0.23	0.05	0.13	0.19	U	0.04	0.11	0.68	0.14
2,2-Dimethylbutane	0.20	0.71	0.12	0.42	0.62	0.10	0.37	0.99	0.17	0.59
Cyclopentene	0.20	2.34	0.47	1.31	1.46	0.29	0.82	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.42	0.08	0.25	0.37	0.07	0.22	0.61	0.12	0.35
2,3-Dimethylbutane	0.20	1.24	0.21	0.73	0.97	0.16	0.57	1.69	0.28	1.00
2-Methylpentane	0.13	2.43	0.40	1.44	1.62	0.27	0.96	10.66	1.78	6.32
3-Methylpentane	0.22	1.35	0.23	0.80	1.23	0.20	0.73	1.78	0.30	1.06
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	0.19	U	0.03
1-Hexene	0.32	0.59	0.10	0.35	0.42	0.07	0.25	0.95	0.16	0.56
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.93	0.32	1.14	1.09	0.18	0.65	2.33	0.39	1.38
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.35	0.06	0.21
cis-2-Hexene	0.21	ND	ND	ND	0.21	U	0.04	0.13	0.40	0.07
Methylcyclopentane	0.21	0.94	0.16	0.54	0.69	0.12	0.40	2.16	0.36	1.25
2,4-Dimethylpentane	0.22	0.99	0.14	0.50	0.71	0.10	0.36	1.56	0.22	0.79
Benzene	0.18	1.44	0.24	0.77	1.07	0.18	0.57	2.58	0.43	1.38
Cyclohexane	0.16	0.59	0.10	0.34	0.57	0.10	0.33	0.74	0.12	0.43
2-Methylhexane	0.21	0.76	0.11	0.45	0.49	0.07	0.29	2.04	0.29	1.21
2,3-Dimethylpentane	0.28	1.51	0.22	0.89	0.91	0.13	0.54	2.38	0.34	1.41
3-Methylhexane	0.17	1.10	0.16	0.65	0.80	0.11	0.47	2.88	0.41	1.70
1-Heptene	0.17	0.40	0.06	0.23	ND	ND	ND	1.22	0.17	0.70
2,2,4-Trimethylpentane	0.19	2.77	0.35	1.63	2.10	0.26	1.24	4.58	0.57	2.69
n-Heptane	0.23	0.68	0.10	0.40	0.54	0.08	0.32	1.33	0.19	0.79
Methylcyclohexane	0.25	0.58	0.08	0.33	0.44	0.06	0.25	0.91	0.13	0.53
2,2,3-Trimethylpentane	0.25	0.51	0.06	0.30	0.22	0.03	0.13	1.44	0.18	0.85
2,3,4-Trimethylpentane	0.20	1.18	0.15	0.70	0.86	0.11	0.50	1.70	0.21	1.00
Toluene	0.20	3.46	0.49	1.88	2.35	0.34	1.28	8.11	1.16	4.40
2-Methylheptane	0.17	0.26	0.03	0.15	0.23	0.03	0.14	0.62	0.08	0.36
3-Methylheptane	0.20	0.24	0.03	0.14	0.19	U	0.02	0.11	0.67	0.08
1-Octene	0.20	ND	ND	ND	0.21	U	0.03	0.12	ND	ND
n-Octane	0.21	0.37	0.05	0.22	0.30	0.04	0.18	0.74	0.09	0.44
Ethylbenzene	0.21	0.54	0.07	0.32	0.37	0.05	0.22	1.12	0.14	0.67
m-Xylene/p-Xylene	0.16	1.13	0.14	0.62	0.76	0.10	0.42	2.77	0.35	1.51
Styrene	0.20	1.24	0.15	0.66	0.36	0.04	0.19	2.63	0.33	1.41
o-Xylene	0.19	0.66	0.08	0.36	0.34	0.04	0.18	0.85	0.11	0.47
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.27	0.03	0.16	0.24	0.03	0.14	0.53	0.06	0.31
Isopropylbenzene	0.18	0.19	0.02	0.10	ND	ND	ND	0.33	0.04	0.18
a-Pinene	0.18	0.37	0.04	0.21	0.20	U	0.02	0.11	ND	ND
n-Propylbenzene	0.21	0.24	0.03	0.13	ND	ND	ND	0.36	0.04	0.20
m-Ethyltoluene	0.15	0.45	0.05	0.25	0.23	0.03	0.13	0.63	0.07	0.35
p-Ethyltoluene	0.19	0.24	0.03	0.13	ND	ND	ND	0.45	0.05	0.25
1,3,5-Trimethylbenzene	0.18	0.33	0.04	0.18	0.20	0.02	0.11	0.52	0.06	0.29
o-Ethyltoluene	0.22	0.52	0.06	0.28	0.34	0.04	0.19	0.53	0.06	0.29
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.89	0.10	0.49	0.49	0.05	0.27	0.95	0.11	0.52
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.71	0.07	0.42	0.45	0.04	0.26	1.11	0.11	0.65
1,2,3-Trimethylbenzene	0.19	0.29	0.03	0.16	0.22	0.02	0.12	0.43	0.05	0.24
m-Diethylbenzene	0.20	0.39	0.04	0.22	0.20	0.02	0.11	0.29	0.03	0.16
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND	0.22	0.02	0.12
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.07	0.10	0.63	0.77	0.07	0.45	1.15	0.10	0.67
1-Dodecene	0.24	0.26	U	0.02	0.15	0.23	U	0.02	U	0.13
n-Dodecane	0.49	0.53	0.04	0.31	0.31	U	0.03	0.18	0.24	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		89.17	20.95	51.97	74.46	18.19	43.68	182.70	39.70	106.77
TNMOC, ppbC (w/ unknowns)		146.40	146.40	146.40	124.38	124.38	124.38	480.60	480.60	480.60

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	S4MO 34925				S4MO 35233			S4MO 35239		
Sampling Date:	8/7/2003				8/13/2003			8/19/2003		
Analysis Date:	9/5/2003				9/11/2003			9/23/2003		
Filename:	L31D012				L31J021			L31W011		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	6.14	3.07	3.55	2.64	1.32	1.53	3.44	1.72	1.99
Acetylene	0.11	4.23	2.12	2.27	2.42	1.21	1.30	2.78	1.39	1.49
Ethane	0.17	11.24	5.62	6.97	11.72	5.86	7.27	9.24	4.62	5.73
Propylene	0.11	2.87	0.96	1.66	1.35	0.45	0.78	1.88	0.63	1.09
Propane	0.19	7.45	2.48	4.52	8.78	2.93	5.32	9.18	3.06	5.57
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	3.56	0.89	2.13	2.92	0.73	1.75	1.95	0.49	1.17
Isobutene/1-Butene	0.17	2.77	0.69	1.60	1.13	0.28	0.65	3.91	0.98	2.27
1,3-Butadiene	0.17	0.31	0.08	0.17	0.18	0.05	0.10	0.20	0.05	0.11
n-Butane	0.17	5.91	1.48	3.54	5.02	1.26	3.01	4.44	1.11	2.66
trans-2-Butene	0.17	0.92	0.23	0.53	0.23	0.06	0.13	0.46	0.11	0.26
cis-2-Butene	0.16	0.79	0.20	0.46	0.30	0.07	0.17	0.44	0.11	0.25
3-Methyl-1-butene	0.16	0.20	U	0.04	U	0.16	U	0.03	U	0.09
Isopentane	0.19	31.72	6.34	18.88	8.75	1.75	5.21	26.03	5.21	15.49
1-Pentene	0.20	0.87	0.17	0.50	0.26	0.05	0.15	0.37	0.07	0.22
2-Methyl-1-butene	0.20	1.56	0.31	0.90	0.64	0.13	0.37	0.31	0.06	0.18
n-Pentane	0.19	4.97	0.99	2.96	3.61	0.72	2.15	3.13	0.63	1.87
Isoprene	0.20	2.87	0.57	1.61	0.90	0.18	0.51	1.56	0.31	0.88
trans-2-Pentene	0.21	1.00	0.20	0.60	0.60	0.12	0.36	0.63	0.13	0.37
cis-2-Pentene	0.22	0.70	0.14	0.42	0.29	0.06	0.17	0.44	0.09	0.26
2-Methyl-2-butene	0.22	0.61	0.12	0.35	0.65	0.13	0.37	1.66	0.33	0.96
2,2-Dimethylbutane	0.20	1.29	0.21	0.76	0.69	0.12	0.41	1.10	0.18	0.65
Cyclopentene	0.20	0.90	0.18	0.51	ND	ND	ND	0.40	0.08	0.22
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.34	0.06	0.20
Cyclopentane	0.20	0.77	0.15	0.44	0.48	0.10	0.28	0.59	0.12	0.34
2,3-Dimethylbutane	0.20	2.81	0.47	1.66	0.86	0.14	0.51	1.09	0.18	0.65
2-Methylpentane	0.13	6.31	1.05	3.74	3.42	0.57	2.03	7.79	1.30	4.62
3-Methylpentane	0.22	3.14	0.52	1.86	1.76	0.29	1.04	1.11	0.19	0.66
2-Methyl-1-pentene	0.22	0.15	U	0.02	U	0.13	U	0.02	U	0.08
1-Hexene	0.32	0.91	0.15	0.54	0.19	U	0.03	U	0.11	0.68
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.74	0.62	2.21	2.01	0.34	1.19	2.07	0.35	1.23
trans-2-Hexene	0.21	0.17	U	0.03	U	0.10	ND	ND	ND	ND
cis-2-Hexene	0.21	0.27	U	0.04	U	0.16	ND	ND	ND	ND
Methylcyclopentane	0.21	2.22	0.37	1.29	0.96	0.16	0.56	1.74	0.29	1.01
2,4-Dimethylpentane	0.22	2.28	0.33	1.16	0.67	0.10	0.34	0.96	0.14	0.49
Benzene	0.18	2.74	0.46	1.47	2.40	0.40	1.29	2.18	0.36	1.17
Cyclohexane	0.16	0.92	0.15	0.53	0.68	0.11	0.39	0.81	0.13	0.47
2-Methylhexane	0.21	3.77	0.54	2.22	1.65	0.24	0.97	2.29	0.33	1.35
2,3-Dimethylpentane	0.28	3.41	0.49	2.01	1.16	0.17	0.69	1.08	0.15	0.64
3-Methylhexane	0.17	3.01	0.43	1.77	1.31	0.19	0.78	1.05	0.15	0.62
1-Heptene	0.17	ND	ND	ND	0.27	U	0.04	U	0.16	ND
2,2,4-Trimethylpentane	0.19	6.53	0.82	3.84	2.38	0.30	1.40	3.35	0.42	1.98
n-Heptane	0.23	2.27	0.32	1.34	1.05	0.15	0.62	1.09	0.16	0.64
Methylcyclohexane	0.25	1.11	0.16	0.64	0.63	0.09	0.36	0.85	0.12	0.49
2,2,3-Trimethylpentane	0.25	1.02	0.13	0.60	0.45	0.06	0.26	0.48	0.06	0.28
2,3,4-Trimethylpentane	0.20	2.15	0.27	1.27	0.71	0.09	0.42	1.11	0.14	0.66
Toluene	0.20	10.97	1.57	5.96	7.39	1.06	4.01	4.62	0.66	2.51
2-Methylheptane	0.17	0.82	0.10	0.48	0.20	0.02	0.12	0.40	0.05	0.24
3-Methylheptane	0.20	0.87	0.11	0.51	0.24	0.03	0.14	0.45	0.06	0.27
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.49	0.19	0.88	0.47	0.06	0.27	0.65	0.08	0.38
Ethylbenzene	0.21	1.62	0.20	0.97	0.85	0.11	0.51	1.03	0.13	0.62
m-Xylene/p-Xylene	0.16	4.68	0.59	2.56	1.96	0.25	1.07	2.71	0.34	1.49
Styrene	0.20	0.65	0.08	0.35	1.83	0.23	0.98	1.48	0.18	0.79
o-Xylene	0.19	1.66	0.21	0.91	0.86	0.11	0.47	0.91	0.11	0.50
1-Nonene	0.19	0.26	0.03	0.15	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.73	0.08	0.43	0.36	0.04	0.21	0.48	0.05	0.28
Isopropylbenzene	0.18	0.35	0.04	0.19	0.14	U	0.02	U	0.08	0.44
a-Pinene	0.18	0.66	0.07	0.37	0.32	0.03	0.18	0.39	0.04	0.22
n-Propylbenzene	0.21	0.45	0.05	0.25	0.24	0.03	0.13	0.34	0.04	0.19
m-Ethyltoluene	0.15	1.01	0.11	0.56	0.56	0.06	0.31	0.48	0.05	0.26
p-Ethyltoluene	0.19	0.72	0.08	0.39	0.34	0.04	0.19	0.37	0.04	0.20
1,3,5-Trimethylbenzene	0.18	0.71	0.08	0.39	0.39	0.04	0.21	0.44	0.05	0.24
o-Ethyltoluene	0.22	0.91	0.10	0.50	0.42	0.05	0.23	0.42	0.05	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.54	0.17	0.85	0.83	0.09	0.46	0.92	0.10	0.50
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.96	0.10	0.56	0.49	0.05	0.29	0.61	0.06	0.36
1,2,3-Trimethylbenzene	0.19	0.53	0.06	0.29	0.21	0.02	0.12	1.21	0.13	0.67
m-Diethylbenzene	0.20	0.33	0.03	0.18	0.19	U	0.02	U	0.10	0.34
p-Diethylbenzene	0.22	0.19	U	0.02	U	0.17	U	0.02	U	0.09
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.55	0.05	0.32	0.39	0.04	0.23	0.50	0.05	0.29
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	0.16	U	0.01
n-Dodecane	0.49	0.23	U	0.02	U	0.15	U	0.01	U	0.09
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		175.44	38.75	102.29	95.39	23.48	55.78	124.09	28.52	72.64
TNMOC, ppbC (w/ unknowns)		299.79	299.79	299.79	148.27	148.27	148.27	284.55	284.55	284.55

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	S4MO 35524 D1				S4MO 35524 R1			S4MO 35526 D2		
Sampling Date:	8/25/2003				8/25/2003			8/25/2003		
Analysis Date:	9/23/2003				9/24/2003			9/23/2003		
Filename:	L31W012				L31X010			L31W013		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.98	1.49	1.72	3.05	1.53	1.77	3.01	1.50	1.74
Acetylene	0.11	3.43	1.72	1.84	3.51	1.76	1.89	3.71	1.86	1.99
Ethane	0.17	7.52	3.76	4.66	7.56	3.78	4.69	7.89	3.94	4.89
Propylene	0.11	1.72	0.57	0.99	1.72	0.57	1.00	1.77	0.59	1.02
Propane	0.19	6.72	2.24	4.07	6.74	2.25	4.09	6.92	2.31	4.20
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.72	0.43	1.03	1.80	0.45	1.08	1.69	0.42	1.01
Isobutene/1-Butene	0.17	2.11	0.53	1.22	2.02	0.51	1.17	1.88	0.47	1.09
1,3-Butadiene	0.17	0.19	0.05	0.10	0.18	0.05	0.10	0.18	0.04	0.10
n-Butane	0.17	3.29	0.82	1.97	3.54	0.89	2.12	3.30	0.82	1.98
trans-2-Butene	0.17	0.31	0.08	0.18	0.35	0.09	0.20	0.15	U	0.04
cis-2-Butene	0.16	0.66	0.16	0.38	0.79	0.20	0.46	0.51	0.13	0.30
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	6.02	1.20	3.58	6.52	1.30	3.88	6.50	1.30	3.87
1-Pentene	0.20	0.50	0.10	0.29	0.51	0.10	0.29	0.52	0.10	0.30
2-Methyl-1-butene	0.20	0.30	0.06	0.17	0.33	0.07	0.19	0.35	0.07	0.20
n-Pentane	0.19	2.83	0.57	1.68	2.87	0.57	1.71	2.96	0.59	1.76
Isoprene	0.20	5.02	1.00	2.82	5.03	1.01	2.82	5.31	1.06	2.98
trans-2-Pentene	0.21	0.57	0.11	0.34	0.53	0.11	0.32	0.59	0.12	0.35
cis-2-Pentene	0.22	0.47	0.09	0.28	0.44	0.09	0.26	0.48	0.10	0.28
2-Methyl-2-butene	0.22	0.54	0.11	0.31	1.10	0.22	0.63	0.65	0.13	0.38
2,2-Dimethylbutane	0.20	1.03	0.17	0.61	0.94	0.16	0.56	1.07	0.18	0.63
Cyclopentene	0.20	0.40	0.08	0.22	0.37	0.07	0.21	0.18	U	0.04
4-Methyl-1-pentene	0.20	0.26	U	0.04	U	0.15	ND	ND	ND	ND
Cyclopentane	0.20	0.54	0.11	0.31	0.59	0.12	0.34	0.58	0.12	0.34
2,3-Dimethylbutane	0.20	1.25	0.21	0.74	1.23	0.20	0.73	1.33	0.22	0.79
2-Methylpentane	0.13	4.46	0.74	2.64	5.87	0.98	3.48	3.49	0.58	2.07
3-Methylpentane	0.22	1.89	0.31	1.12	1.48	0.25	0.88	1.69	0.28	1.00
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.65	0.11	0.38	0.56	0.09	0.33	0.65	0.11	0.39
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.57	0.43	1.52	2.38	0.40	1.41	2.31	0.38	1.37
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.22	0.20	0.71	1.15	0.19	0.66	1.11	0.19	0.64
2,4-Dimethylpentane	0.22	0.97	0.14	0.49	1.17	0.17	0.60	1.08	0.15	0.55
Benzene	0.18	1.92	0.32	1.03	1.82	0.30	0.98	2.26	0.38	1.21
Cyclohexane	0.16	0.79	0.13	0.46	0.76	0.13	0.44	0.68	0.11	0.39
2-Methylhexane	0.21	1.56	0.22	0.92	1.29	0.18	0.76	1.47	0.21	0.87
2,3-Dimethylpentane	0.28	1.21	0.17	0.71	1.14	0.16	0.68	1.26	0.18	0.74
3-Methylhexane	0.17	1.65	0.24	0.98	1.49	0.21	0.88	1.86	0.27	1.10
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.42	0.43	2.01	3.25	0.41	1.92	3.98	0.50	2.35
n-Heptane	0.23	1.34	0.19	0.79	1.25	0.18	0.74	1.44	0.21	0.85
Methylcyclohexane	0.25	0.90	0.13	0.52	1.32	0.19	0.76	0.85	0.12	0.49
2,2,3-Trimethylpentane	0.25	0.40	0.05	0.23	0.47	0.06	0.28	0.44	0.05	0.26
2,3,4-Trimethylpentane	0.20	1.07	0.13	0.63	0.99	0.12	0.58	1.25	0.16	0.74
Toluene	0.20	6.15	0.88	3.34	5.79	0.83	3.14	5.82	0.83	3.16
2-Methylheptane	0.17	0.43	0.05	0.25	0.38	0.05	0.22	0.43	0.05	0.25
3-Methylheptane	0.20	0.50	0.06	0.30	0.45	0.06	0.27	0.54	0.07	0.32
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.68	0.08	0.40	0.67	0.08	0.39	0.67	0.08	0.40
Ethylbenzene	0.21	1.09	0.14	0.65	0.73	0.09	0.44	0.95	0.12	0.57
m-Xylene/p-Xylene	0.16	2.29	0.29	1.25	2.01	0.25	1.10	2.12	0.26	1.16
Styrene	0.20	0.87	0.11	0.47	0.17	U	0.02	U	0.09	0.51
o-Xylene	0.19	0.94	0.12	0.52	0.75	0.09	0.41	0.93	0.12	0.51
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.49	0.05	0.29	0.44	0.05	0.26	0.47	0.05	0.28
Isopropylbenzene	0.18	0.26	0.03	0.14	0.24	0.03	0.13	0.23	0.03	0.13
a-Pinene	0.18	0.69	0.07	0.39	1.82	0.18	1.02	0.40	0.04	0.23
n-Propylbenzene	0.21	0.29	0.03	0.16	0.25	0.03	0.14	0.30	0.03	0.16
m-Ethyltoluene	0.15	0.56	0.06	0.31	0.54	0.06	0.30	0.50	0.06	0.28
p-Ethyltoluene	0.19	0.42	0.05	0.23	0.36	0.04	0.20	0.38	0.04	0.21
1,3,5-Trimethylbenzene	0.18	0.43	0.05	0.24	0.42	0.05	0.23	0.47	0.05	0.26
o-Ethyltoluene	0.22	0.53	0.06	0.29	0.48	0.05	0.26	0.49	0.05	0.27
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.83	0.09	0.45	0.75	0.08	0.41	0.91	0.10	0.50
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.69	0.07	0.41	0.59	0.06	0.35	0.72	0.07	0.42
1,2,3-Trimethylbenzene	0.19	0.22	0.02	0.12	0.29	0.03	0.16	ND	ND	ND
m-Diethylbenzene	0.20	0.32	0.03	0.17	0.26	0.03	0.14	0.41	0.04	0.23
p-Diethylbenzene	0.22	0.21	U	0.02	U	0.12	0.22	U	0.02	U
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	2.32	0.21	1.36	2.01	0.18	1.18	2.35	0.21	1.38
1-Dodecene	0.24	0.29	U	0.02	U	0.17	ND	ND	U	0.01
n-Dodecane	0.49	0.55	0.05	0.32	0.38	U	0.03	U	0.22	0.35
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		98.40	22.30	57.20	98.10	22.49	57.06	98.27	22.54	57.13
TNMOC, ppbC (w/ unknowns)		210.08	210.08	210.08	197.06	197.06	197.06	195.78	195.78	195.78

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 35526 R2			S4MO 35535			S4MO 35657		
Sampling Date:		8/25/2003			8/31/2003			9/6/2003		
Analysis Date:		9/24/2003			9/26/2003			10/1/2003		
Filename:		L3IX011			L3IY021			L3I%007		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.02	1.51	1.75	2.90	1.45	1.68	10.45	5.23	6.05
Acetylene	0.11	3.72	1.86	2.00	2.69	1.35	1.45	8.27	4.13	4.44
Ethane	0.17	7.90	3.95	4.90	7.26	3.63	4.50	24.10	12.05	14.95
Propylene	0.11	1.74	0.58	1.01	1.58	0.53	0.92	4.92	1.64	2.85
Propane	0.19	6.91	2.30	4.19	6.41	2.14	3.89	14.76	4.92	8.95
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.78	0.44	1.07	4.22	1.06	2.53	7.35	1.84	4.41
Isobutene/1-Butene	0.17	1.75	0.44	1.02	1.44	0.36	0.83	3.93	0.98	2.27
1,3-Butadiene	0.17	0.18	0.04	0.10	0.20	0.05	0.11	0.77	0.19	0.43
n-Butane	0.17	3.30	0.82	1.98	4.28	1.07	2.57	10.08	2.52	6.04
trans-2-Butene	0.17	0.33	0.08	0.19	0.35	0.09	0.20	0.96	0.24	0.56
cis-2-Butene	0.16	0.41	0.10	0.24	0.39	0.10	0.22	0.88	0.22	0.51
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	0.35	0.07	0.20
Isopentane	0.19	6.70	1.34	3.99	12.88	2.58	7.67	23.27	4.65	13.85
1-Pentene	0.20	0.48	0.10	0.28	0.35	0.07	0.20	1.08	0.22	0.62
2-Methyl-1-butene	0.20	0.35	0.07	0.20	0.32	0.06	0.18	1.20	0.24	0.69
n-Pentane	0.19	2.89	0.58	1.72	4.57	0.91	2.72	8.96	1.79	5.33
Isoprene	0.20	5.22	1.04	2.94	6.77	1.35	3.80	1.20	0.24	0.67
trans-2-Pentene	0.21	0.52	0.10	0.31	0.56	0.11	0.33	1.38	0.28	0.82
cis-2-Pentene	0.22	0.45	0.09	0.27	0.46	0.09	0.27	0.88	0.18	0.52
2-Methyl-2-butene	0.22	0.56	0.11	0.33	0.40	0.08	0.23	1.53	0.31	0.88
2,2-Dimethylbutane	0.20	0.93	0.15	0.55	1.08	0.18	0.64	1.81	0.30	1.07
Cyclopentene	0.20	0.16	0.03	0.09	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.56	0.11	0.33	0.69	0.14	0.40	1.22	0.24	0.70
2,3-Dimethylbutane	0.20	1.28	0.21	0.76	1.35	0.23	0.80	4.14	0.69	2.45
2-Methylpentane	0.13	5.53	0.92	3.28	3.91	0.65	2.31	11.42	1.90	6.77
3-Methylpentane	0.22	1.62	0.27	0.96	2.01	0.33	1.19	5.61	0.93	3.32
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	0.22	U	0.04
1-Hexene	0.22	0.62	0.10	0.36	0.66	0.11	0.39	0.85	0.14	0.51
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.43	0.40	1.44	2.72	0.45	1.61	5.89	0.98	3.49
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.37	0.06	0.22
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.23	U	0.04
Methylcyclopentane	0.21	1.14	0.19	0.66	1.40	0.23	0.81	3.34	0.56	1.93
2,4-Dimethylpentane	0.22	1.18	0.17	0.60	1.12	0.16	0.57	4.10	0.59	2.08
Benzene	0.18	1.96	0.33	1.05	1.76	0.29	0.94	5.26	0.88	2.83
Cyclohexane	0.16	0.80	0.13	0.46	1.25	0.21	0.72	1.67	0.28	0.96
2-Methylhexane	0.21	1.19	0.17	0.70	1.07	0.15	0.63	3.35	0.48	1.98
2,3-Dimethylpentane	0.28	1.48	0.21	0.87	1.67	0.24	0.99	5.72	0.82	3.38
3-Methylhexane	0.17	1.89	0.27	1.11	1.93	0.28	1.14	4.69	0.67	2.77
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.86	0.48	2.27	3.62	0.45	2.13	14.59	1.82	8.59
n-Heptane	0.23	1.33	0.19	0.78	1.22	0.17	0.72	2.93	0.42	1.73
Methylcyclohexane	0.25	1.33	0.19	0.77	1.05	0.15	0.61	2.15	0.31	1.24
2,2,3-Trimethylpentane	0.25	0.54	0.07	0.32	0.50	0.06	0.29	1.70	0.21	1.00
2,3,4-Trimethylpentane	0.20	1.12	0.14	0.66	1.30	0.16	0.77	5.05	0.63	2.98
Toluene	0.20	5.12	0.73	2.78	8.80	1.26	4.78	16.82	2.40	9.13
2-Methylheptane	0.17	0.38	0.05	0.22	0.41	0.05	0.24	0.90	0.11	0.53
3-Methylheptane	0.20	0.44	0.06	0.26	0.44	0.06	0.26	1.03	0.13	0.60
1-Octene	0.20	ND	ND	ND	ND	ND	ND	0.15	U	0.02
n-Octane	0.21	0.63	0.08	0.37	0.65	0.08	0.38	1.30	0.16	0.77
Ethylbenzene	0.21	0.69	0.09	0.42	1.01	0.13	0.61	2.58	0.32	1.54
m-Xylene/p-Xylene	0.16	1.86	0.23	1.02	2.47	0.31	1.35	7.41	0.93	4.06
Styrene	0.20	0.18	U	0.02	0.29	0.04	0.16	0.99	0.12	0.53
o-Xylene	0.19	0.83	0.10	0.45	1.10	0.14	0.60	2.67	0.33	1.46
1-Nonene	0.19	ND	ND	ND	0.20	U	0.02	0.12	0.05	0.27
n-Nonane	0.11	0.43	0.05	0.25	0.50	0.06	0.30	0.88	0.10	0.52
Isopropylbenzene	0.18	0.22	0.02	0.12	0.25	0.03	0.14	0.31	0.03	0.17
a-Pinene	0.18	0.61	0.06	0.34	0.51	0.05	0.28	0.75	0.08	0.42
n-Propylbenzene	0.21	0.25	0.03	0.14	0.27	0.03	0.15	0.79	0.09	0.43
m-Ethyltoluene	0.15	0.46	0.05	0.26	0.55	0.06	0.31	2.00	0.22	1.10
p-Ethyltoluene	0.19	0.33	0.04	0.18	0.39	0.04	0.21	1.06	0.12	0.58
1,3,5-Trimethylbenzene	0.18	0.44	0.05	0.24	0.43	0.05	0.23	1.35	0.15	0.74
o-Ethyltoluene	0.22	0.50	0.06	0.27	0.60	0.07	0.33	1.15	0.13	0.63
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.77	0.09	0.42	0.80	0.09	0.44	2.78	0.31	1.53
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.60	0.06	0.35	0.82	0.08	0.48	1.38	0.14	0.81
1,2,3-Trimethylbenzene	0.19	0.28	0.03	0.15	0.34	0.04	0.19	0.82	0.09	0.45
m-Diethylbenzene	0.20	0.30	0.03	0.17	0.25	0.03	0.14	0.65	0.07	0.36
p-Diethylbenzene	0.22	0.15	U	0.01	0.08	ND	ND	0.29	0.03	0.16
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.13	U	0.01
n-Undecane	0.24	2.19	0.20	1.28	0.96	0.09	0.56	0.77	0.07	0.45
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.33	U	0.03	0.55	0.05	0.32	0.45	U	0.04
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		97.10	22.48	56.55	110.91	24.55	64.56	262.46	61.16	153.02
TNMOC, ppbC (w/ unknowns)		168.85	168.85	168.85	182.19	182.19	182.19	351.89	351.89	351.89

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:		S4MO 35824			S4MO 35825			S4MO 36060		
Sampling Date:		9/12/2003			9/18/2003			9/24/2003		
Analysis Date:		10/7/2003			10/8/2003			10/15/2003		
Filename:		L3JF018			L3JH008			L3JN018		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.71	1.36	1.57	4.06	2.03	2.35	2.14	1.07	1.24
Acetylene	0.11	2.72	1.36	1.46	3.32	1.66	1.78	4.20	2.10	2.25
Ethane	0.17	6.26	3.13	3.88	11.12	5.56	6.90	8.00	4.00	4.96
Propylene	0.11	1.38	0.46	0.80	2.42	0.81	1.40	1.18	0.39	0.68
Propane	0.19	6.41	2.14	3.89	9.73	3.24	5.90	6.50	2.17	3.94
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.57	0.39	0.94	2.07	0.52	1.24	1.81	0.45	1.08
Isobutene/1-Butene	0.17	1.35	0.34	0.78	2.35	0.59	1.36	1.50	0.37	0.87
1,3-Butadiene	0.17	0.19	0.05	0.11	0.29	0.07	0.16	ND	ND	ND
n-Butane	0.17	2.42	0.61	1.45	4.33	1.08	2.59	3.97	0.99	2.38
trans-2-Butene	0.17	0.38	0.09	0.22	0.49	0.12	0.28	0.72	0.18	0.42
cis-2-Butene	0.16	0.47	0.12	0.27	0.57	0.14	0.33	0.57	0.14	0.33
3-Methyl-1-butene	0.16	ND	ND	ND	0.13	U	0.03	U	0.07	ND
Isopentane	0.19	4.28	0.86	2.55	6.49	1.30	3.86	1.76	0.35	1.05
1-Pentene	0.20	0.35	0.07	0.20	0.50	0.10	0.29	0.31	0.06	0.18
2-Methyl-1-butene	0.20	0.20	U	0.04	U	0.12	0.37	0.07	0.21	U
n-Pentane	0.19	2.15	0.43	1.28	3.62	0.72	2.16	2.11	0.42	1.25
Isoprene	0.20	0.88	0.18	0.49	0.77	0.15	0.43	1.18	0.24	0.66
trans-2-Pentene	0.21	0.49	0.10	0.29	0.60	0.12	0.35	0.46	0.09	0.27
cis-2-Pentene	0.22	0.42	0.08	0.25	0.47	0.09	0.28	0.41	0.08	0.24
2-Methyl-2-butene	0.22	0.26	0.05	0.15	0.33	0.07	0.19	0.40	0.08	0.23
2,2-Dimethylbutane	0.20	0.91	0.15	0.54	1.01	0.17	0.60	0.89	0.15	0.53
Cyclopentene	0.20	0.15	U	0.03	U	0.08	0.17	U	0.03	U
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.48	0.10	0.28	0.60	0.12	0.35	0.49	0.10	0.29
2,3-Dimethylbutane	0.20	1.06	0.18	0.63	1.41	0.23	0.83	0.95	0.16	0.57
2-Methylpentane	0.13	3.40	0.57	2.01	4.41	0.74	2.61	3.47	0.58	2.06
3-Methylpentane	0.22	1.39	0.23	0.82	1.94	0.32	1.15	1.05	0.18	0.62
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.55	0.09	0.33	0.59	0.10	0.35	0.68	0.11	0.41
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.81	0.63	2.25	3.75	0.63	2.22	1.33	0.22	0.79
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.09	0.18	0.63	1.34	0.22	0.77	1.19	0.20	0.69
2,4-Dimethylpentane	0.22	0.95	0.14	0.48	1.21	0.17	0.61	0.77	0.11	0.39
Benzene	0.18	1.80	0.30	0.97	2.06	0.34	1.11	1.38	0.23	0.74
Cyclohexane	0.16	0.68	0.11	0.39	0.76	0.13	0.44	0.69	0.11	0.40
2-Methylhexane	0.21	0.93	0.13	0.55	1.37	0.20	0.81	1.28	0.18	0.75
2,3-Dimethylpentane	0.28	1.35	0.19	0.80	1.75	0.25	1.03	1.12	0.16	0.66
3-Methylhexane	0.17	1.39	0.20	0.82	1.83	0.26	1.08	0.81	0.12	0.48
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.47	0.31	1.45	3.71	0.46	2.19	2.05	0.26	1.21
n-Heptane	0.23	0.97	0.14	0.57	1.32	0.19	0.78	0.74	0.11	0.44
Methylcyclohexane	0.25	2.23	0.32	1.29	1.68	0.24	0.97	1.08	0.15	0.62
2,2,3-Trimethylpentane	0.25	0.38	0.05	0.22	0.56	0.07	0.33	0.32	0.04	0.19
2,3,4-Trimethylpentane	0.20	0.95	0.12	0.56	1.31	0.16	0.77	0.71	0.09	0.42
Toluene	0.20	3.47	0.50	1.88	4.81	0.69	2.61	2.92	0.42	1.59
2-Methylheptane	0.17	0.35	0.04	0.21	0.58	0.07	0.34	0.36	0.04	0.21
3-Methylheptane	0.20	0.39	0.05	0.23	0.53	0.07	0.31	0.39	0.05	0.23
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.53	0.07	0.31	0.68	0.09	0.40	0.49	0.06	0.29
Ethylbenzene	0.21	0.69	0.09	0.41	0.88	0.11	0.53	0.62	0.08	0.37
m-Xylene/p-Xylene	0.16	1.72	0.21	0.94	2.37	0.30	1.29	1.61	0.20	0.88
Styrene	0.20	0.21	0.03	0.11	0.16	U	0.02	U	0.09	0.15
o-Xylene	0.19	0.74	0.09	0.41	0.96	0.12	0.52	0.66	0.08	0.36
1-Nonene	0.19	ND	ND	ND	0.13	U	0.01	U	0.08	ND
n-Nonane	0.11	0.38	0.04	0.22	0.46	0.05	0.27	0.38	0.04	0.22
Isopropylbenzene	0.18	0.28	0.03	0.16	0.26	0.03	0.14	0.24	0.03	0.13
a-Pinene	0.18	0.24	U	0.02	U	0.21	U	0.02	U	0.13
n-Propylbenzene	0.21	0.26	0.03	0.14	0.27	0.03	0.15	0.24	0.03	0.13
m-Ethyltoluene	0.15	0.46	0.05	0.25	0.69	0.08	0.38	0.43	0.05	0.24
p-Ethyltoluene	0.19	0.40	0.04	0.22	0.48	0.05	0.26	0.34	0.04	0.19
1,3,5-Trimethylbenzene	0.18	0.41	0.05	0.23	0.56	0.06	0.31	0.39	0.04	0.21
o-Ethyltoluene	0.22	0.35	0.04	0.20	0.54	0.06	0.30	0.35	0.04	0.19
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.81	0.09	0.45	1.04	0.12	0.57	0.76	0.08	0.42
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.60	0.06	0.35	0.74	0.07	0.44	0.56	0.06	0.33
1,2,3-Trimethylbenzene	0.19	1.64	0.18	0.90	0.31	0.03	0.17	0.70	0.08	0.39
m-Diethylbenzene	0.20	0.33	0.03	0.18	0.36	0.04	0.20	0.24	0.02	0.13
p-Diethylbenzene	0.22	0.17	U	0.02	U	0.13	U	0.01	U	0.09
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.42	0.04	0.25	0.43	0.04	0.25	1.33	0.12	0.78
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.20	U	0.02	U	0.17	U	0.01	U	0.12
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		76.83	17.82	44.76	104.53	25.70	61.16	72.51	18.19	42.31
TNMOC, ppbC (w/ unknowns)		135.89	135.89	135.89	157.94	157.94	157.94	124.22	124.22	124.22

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:		S4MO 36063			S4MO 36166 D1			S4MO 36166 R1		
Sampling Date:		9/30/2003			10/6/2003			10/6/2003		
Analysis Date:		10/8/2003			10/15/2003			10/16/2003		
Filename:		L3JH011			L3JN016			L3JO019		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.31	2.15	2.49	9.80	4.90	5.67	10.08	5.04	5.83
Acetylene	0.11	4.32	2.16	2.32	11.14	5.57	5.99	11.21	5.60	6.02
Ethane	0.17	9.20	4.60	5.70	25.07	12.53	15.55	25.65	12.82	15.91
Propylene	0.11	1.93	0.64	1.12	4.73	1.58	2.74	4.80	1.60	2.78
Propane	0.19	7.09	2.36	4.30	12.90	4.30	7.83	13.42	4.47	8.14
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.72	0.68	1.63	7.33	1.83	4.39	7.35	1.84	4.41
Isobutene/1-Butene	0.17	1.66	0.41	0.96	3.55	0.89	2.05	3.64	0.91	2.11
1,3-Butadiene	0.17	0.30	0.07	0.17	0.86	0.22	0.48	0.88	0.22	0.49
n-Butane	0.17	6.51	1.63	3.90	19.73	4.93	11.83	20.11	5.03	12.05
trans-2-Butene	0.17	0.47	0.12	0.27	1.20	0.30	0.69	1.17	0.29	0.68
cis-2-Butene	0.16	0.74	0.19	0.43	1.31	0.33	0.76	1.35	0.34	0.78
3-Methyl-1-butene	0.16	0.13	U	0.03	U	0.08	0.49	0.10	0.28	0.51
Isopentane	0.19	8.30	1.66	4.94	23.75	4.75	14.14	23.57	4.71	14.03
1-Pentene	0.20	0.60	0.12	0.34	1.52	0.30	0.88	1.47	0.29	0.85
2-Methyl-1-butene	0.20	0.45	0.09	0.26	1.66	0.33	0.96	2.10	0.42	1.21
n-Pentane	0.19	3.18	0.64	1.89	9.50	1.90	5.66	9.57	1.91	5.70
Isoprene	0.20	0.75	0.15	0.42	1.62	0.32	0.91	1.65	0.33	0.93
trans-2-Pentene	0.21	0.76	0.15	0.45	1.69	0.34	1.01	1.69	0.34	1.01
cis-2-Pentene	0.22	0.57	0.11	0.34	1.05	0.21	0.63	1.08	0.22	0.64
2-Methyl-2-butene	0.22	0.67	0.13	0.39	3.39	0.68	1.96	3.12	0.62	1.80
2,2-Dimethylbutane	0.20	1.01	0.17	0.60	1.81	0.30	1.07	1.90	0.32	1.13
Cyclopentene	0.20	0.46	0.09	0.26	0.46	0.09	0.26	0.47	0.09	0.26
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.65	0.13	0.38	1.34	0.27	0.77	1.30	0.26	0.75
2,3-Dimethylbutane	0.20	1.55	0.26	0.92	3.19	0.53	1.89	3.26	0.54	1.93
2-Methylpentane	0.13	4.46	0.74	2.64	10.04	1.67	5.95	10.23	1.70	6.06
3-Methylpentane	0.22	2.25	0.38	1.33	6.10	1.02	3.62	6.30	1.05	3.74
2-Methyl-1-pentene	0.22	ND	ND	ND	0.27	U	0.05	U	0.16	0.33
1-Hexene	0.32	0.65	0.11	0.38	0.79	0.13	0.47	0.88	0.15	0.52
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.52	0.42	1.49	6.98	1.16	4.14	6.77	1.13	4.01
trans-2-Hexene	0.21	ND	ND	ND	0.33	0.05	0.19	0.32	U	0.05
cis-2-Hexene	0.21	ND	ND	ND	0.21	U	0.04	U	0.12	0.25
Methylcyclopentane	0.21	1.26	0.21	0.73	3.66	0.61	2.12	3.76	0.63	2.17
2,4-Dimethylpentane	0.22	1.23	0.18	0.62	2.46	0.35	1.25	2.62	0.37	1.33
Benzene	0.18	2.13	0.35	1.14	4.77	0.79	2.56	4.99	0.83	2.68
Cyclohexane	0.16	0.82	0.14	0.47	1.48	0.25	0.86	1.61	0.27	0.93
2-Methylhexane	0.21	1.32	0.19	0.78	3.74	0.53	2.21	3.72	0.53	2.20
2,3-Dimethylpentane	0.28	1.62	0.23	0.96	3.44	0.49	2.03	3.60	0.51	2.12
3-Methylhexane	0.17	1.73	0.25	1.02	4.35	0.62	2.57	4.24	0.61	2.50
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.45	0.43	2.03	8.65	1.08	5.10	8.83	1.10	5.20
n-Heptane	0.23	1.19	0.17	0.70	3.46	0.49	2.04	3.49	0.50	2.06
Methylcyclohexane	0.25	1.07	0.15	0.62	2.35	0.34	1.36	2.44	0.35	1.41
2,2,3-Trimethylpentane	0.25	0.51	0.06	0.30	1.51	0.19	0.89	1.58	0.20	0.93
2,3,4-Trimethylpentane	0.20	1.24	0.16	0.73	3.06	0.38	1.80	3.19	0.40	1.88
Toluene	0.20	5.11	0.73	2.78	16.03	2.29	8.70	16.00	2.29	8.69
2-Methylheptane	0.17	0.51	0.06	0.30	1.25	0.16	0.73	1.14	0.14	0.67
3-Methylheptane	0.20	0.56	0.07	0.33	1.26	0.16	0.74	1.31	0.16	0.77
1-Octene	0.20	ND	ND	ND	0.13	U	0.02	U	0.08	0.14
n-Octane	0.21	0.66	0.08	0.39	1.87	0.23	1.10	1.93	0.24	1.14
Ethylbenzene	0.21	0.91	0.11	0.55	2.60	0.32	1.56	2.67	0.33	1.60
m-Xylene/p-Xylene	0.16	2.57	0.32	1.41	7.16	0.89	3.92	7.23	0.90	3.96
Styrene	0.20	0.21	0.03	0.11	0.39	0.05	0.21	0.35	0.04	0.19
o-Xylene	0.19	1.06	0.13	0.58	3.08	0.39	1.69	3.17	0.40	1.73
1-Nonene	0.19	ND	ND	ND	0.27	0.03	0.16	0.36	0.04	0.21
n-Nonane	0.11	0.60	0.07	0.35	1.59	0.18	0.93	1.69	0.19	1.00
Isopropylbenzene	0.18	0.23	0.03	0.13	0.34	0.04	0.19	0.35	0.04	0.20
a-Pinene	0.18	0.54	0.05	0.31	0.64	0.06	0.36	0.65	0.07	0.37
n-Propylbenzene	0.21	0.29	0.03	0.16	0.68	0.08	0.38	0.72	0.08	0.39
m-Ethyltoluene	0.15	0.70	0.08	0.38	2.01	0.22	1.11	2.02	0.22	1.11
p-Ethyltoluene	0.19	0.46	0.05	0.25	1.20	0.13	0.66	1.15	0.13	0.64
1,3,5-Trimethylbenzene	0.18	0.58	0.06	0.32	1.65	0.18	0.91	1.63	0.18	0.90
o-Ethyltoluene	0.22	0.54	0.06	0.30	1.35	0.15	0.75	1.33	0.15	0.73
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.09	0.12	0.60	3.19	0.35	1.76	3.13	0.35	1.73
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.85	0.09	0.50	2.04	0.20	1.19	1.95	0.19	1.14
1,2,3-Trimethylbenzene	0.19	0.35	0.04	0.19	0.82	0.09	0.45	0.83	0.09	0.46
m-Diethylbenzene	0.20	0.21	0.02	0.11	0.41	0.04	0.23	0.47	0.05	0.26
p-Diethylbenzene	0.22	0.12	U	0.01	U	0.07	0.30	0.03	0.17	0.34
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.38	0.03	0.22	1.24	0.11	0.73	1.25	0.11	0.73
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.13	U	0.01	U	0.08	0.26	U	0.02	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		104.40	25.20	60.92	268.47	64.19	156.65	272.52	65.27	159.03
TNMOC, ppbC (w/ unknowns)		143.24	143.24	143.24	345.63	345.63	345.63	355.67	355.67	355.67

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:	S4MO 36168 D2				S4MO 36168 R2			S4MO 36246		
Sampling Date:	10/6/2003				10/6/2003			10/12/2003		
Analysis Date:	10/15/2003				10/16/2003			10/21/2003		
Filename:	L3JN017				L3JO020			L3JU005		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	9.47	4.74	5.48	9.61	4.81	5.56	9.66	4.83	5.59
Acetylene	0.11	11.02	5.51	5.92	10.32	5.16	5.54	8.44	4.22	4.53
Ethane	0.17	24.16	12.08	14.98	25.01	12.51	15.51	23.91	11.95	14.83
Propylene	0.11	4.33	1.44	2.51	4.37	1.46	2.53	4.69	1.56	2.71
Propane	0.19	13.01	4.34	7.89	13.53	4.51	8.20	11.00	3.67	6.67
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	7.59	1.90	4.55	7.59	1.90	4.55	7.43	1.86	4.45
Isobutene/1-Butene	0.17	3.16	0.79	1.83	3.17	0.79	1.84	3.54	0.89	2.05
1,3-Butadiene	0.17	0.86	0.21	0.48	0.83	0.21	0.46	0.93	0.23	0.52
n-Butane	0.17	19.30	4.83	11.57	19.70	4.93	11.81	19.63	4.91	11.77
trans-2-Butene	0.17	1.11	0.28	0.64	1.13	0.28	0.66	1.20	0.30	0.69
cis-2-Butene	0.16	1.25	0.31	0.72	1.32	0.33	0.76	1.25	0.31	0.73
3-Methyl-1-butene	0.16	0.49	0.10	0.28	0.45	0.09	0.26	0.44	0.09	0.25
Isopentane	0.19	25.11	5.02	14.95	25.26	5.05	15.04	19.31	3.86	11.49
1-Pentene	0.20	1.38	0.28	0.80	1.00	0.20	0.58	1.25	0.25	0.72
2-Methyl-1-butene	0.20	1.52	0.30	0.88	1.72	0.34	1.00	1.31	0.26	0.76
n-Pentane	0.19	9.48	1.90	5.65	9.60	1.92	5.72	7.49	1.50	4.46
Isoprene	0.20	1.71	0.34	0.96	1.72	0.34	0.97	1.12	0.22	0.63
trans-2-Pentene	0.21	1.67	0.33	0.99	1.72	0.34	1.02	1.44	0.29	0.85
cis-2-Pentene	0.22	1.07	0.21	0.64	1.10	0.22	0.66	0.97	0.19	0.58
2-Methyl-2-butene	0.22	3.08	0.62	1.78	3.33	0.67	1.93	1.81	0.36	1.05
2,2-Dimethylbutane	0.20	1.68	0.28	0.99	1.69	0.28	1.00	1.42	0.24	0.84
Cyclopentene	0.20	0.38	0.08	0.21	0.40	0.08	0.22	0.53	0.11	0.30
4-Methyl-1-pentene	0.20	0.15	U	0.02	U	0.09	ND	0.27	U	0.05
Cyclopentane	0.20	1.30	0.26	0.75	1.35	0.27	0.78	1.08	0.22	0.62
2,3-Dimethylbutane	0.20	3.20	0.53	1.89	3.34	0.56	1.98	2.76	0.46	1.63
2-Methylpentane	0.13	9.96	1.66	5.90	10.20	1.70	6.04	8.47	1.41	5.02
3-Methylpentane	0.22	6.52	1.09	3.86	6.68	1.11	3.96	4.74	0.79	2.81
2-Methyl-1-pentene	0.22	0.29	U	0.05	U	0.17	0.30	U	0.04	U
1-Hexene	0.32	0.78	0.13	0.46	0.84	0.14	0.50	0.77	0.13	0.46
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	6.87	1.14	4.07	7.32	1.22	4.34	4.06	0.68	2.41
trans-2-Hexene	0.21	0.32	U	0.05	U	0.19	0.45	0.08	0.27	0.34
cis-2-Hexene	0.21	0.25	U	0.04	U	0.15	0.24	U	0.04	U
Methylcyclopentane	0.21	3.86	0.64	2.24	3.97	0.66	2.30	2.89	0.48	1.67
2,4-Dimethylpentane	0.22	2.48	0.35	1.26	2.63	0.38	1.33	2.44	0.35	1.24
Benzene	0.18	4.47	0.75	2.40	4.96	0.83	2.66	5.07	0.84	2.72
Cyclohexane	0.16	1.72	0.29	0.99	1.70	0.28	0.98	1.25	0.21	0.72
2-Methylhexane	0.21	3.30	0.47	1.95	3.37	0.48	1.99	2.34	0.33	1.38
2,3-Dimethylpentane	0.28	3.70	0.53	2.18	3.84	0.55	2.26	3.43	0.49	2.02
3-Methylhexane	0.17	4.44	0.63	2.62	4.63	0.66	2.73	2.89	0.41	1.70
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.30	0.04	0.17
2,2,4-Trimethylpentane	0.19	8.38	1.05	4.94	8.43	1.05	4.97	7.24	0.90	4.26
n-Heptane	0.23	3.04	0.43	1.80	3.23	0.46	1.90	2.15	0.31	1.27
Methylcyclohexane	0.25	2.29	0.33	1.33	2.41	0.34	1.39	1.84	0.26	1.07
2,2,3-Trimethylpentane	0.25	1.39	0.17	0.82	1.08	0.13	0.63	1.41	0.18	0.83
2,3,4-Trimethylpentane	0.20	2.98	0.37	1.76	3.14	0.39	1.85	2.97	0.37	1.75
Toluene	0.20	16.65	2.38	9.04	16.66	2.38	9.05	12.27	1.75	6.66
2-Methylheptane	0.17	1.19	0.15	0.70	1.14	0.14	0.67	0.94	0.12	0.55
3-Methylheptane	0.20	1.22	0.15	0.72	1.28	0.16	0.75	1.04	0.13	0.61
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.31	0.16	0.77	1.38	0.17	0.81	1.17	0.15	0.69
Ethylbenzene	0.21	2.83	0.35	1.70	2.72	0.34	1.63	2.27	0.28	1.36
m-Xylene/p-Xylene	0.16	7.71	0.96	4.22	7.73	0.97	4.23	6.24	0.78	3.42
Styrene	0.20	0.46	0.06	0.25	0.42	0.05	0.23	0.46	0.06	0.24
o-Xylene	0.19	3.25	0.41	1.78	3.32	0.41	1.82	2.74	0.34	1.50
1-Nonene	0.19	0.25	0.03	0.15	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	1.18	0.13	0.69	1.26	0.14	0.74	1.17	0.13	0.69
Isopropylbenzene	0.18	0.37	0.04	0.20	0.37	0.04	0.20	0.39	0.04	0.21
a-Pinene	0.18	0.82	0.08	0.46	1.01	0.10	0.56	0.54	0.05	0.30
n-Propylbenzene	0.21	0.70	0.08	0.38	0.68	0.08	0.38	0.70	0.08	0.39
m-Ethyltoluene	0.15	2.07	0.23	1.14	2.03	0.23	1.12	1.84	0.20	1.01
p-Ethyltoluene	0.19	1.19	0.13	0.66	1.10	0.12	0.61	1.06	0.12	0.58
1,3,5-Trimethylbenzene	0.18	1.62	0.18	0.89	1.64	0.18	0.91	1.45	0.16	0.80
o-Ethyltoluene	0.22	1.43	0.16	0.79	1.39	0.15	0.77	1.20	0.13	0.66
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	3.20	0.36	1.76	3.20	0.36	1.76	2.95	0.33	1.63
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.88	0.19	1.10	1.95	0.20	1.15	1.81	0.18	1.06
1,2,3-Trimethylbenzene	0.19	0.77	0.09	0.42	0.82	0.09	0.45	0.89	0.10	0.49
m-Diethylbenzene	0.20	0.43	0.04	0.24	0.44	0.04	0.24	0.45	0.04	0.25
p-Diethylbenzene	0.22	0.33	0.03	0.18	0.30	0.03	0.17	0.30	0.03	0.17
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.24	0.11	0.73	1.35	0.12	0.79	0.69	0.06	0.41
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.28	U	0.02	U	0.17	0.28	U	0.03	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		266.87	63.41	155.65	271.14	64.33	158.21	230.76	56.44	134.73
TNMOC, ppbC (w/ unknowns)		342.99	342.99	342.99	352.71	352.71	352.71	294.06	294.06	294.06

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		S4MO 36353			S4MO 36387 D1			S4MO 36387 R1		
Sampling Date:		10/18/2003			10/24/2003			10/24/2003		
Analysis Date:		11/6/2003			11/20/2003			11/21/2003		
Filename:		L3KE019			L3KS023			L3KT018		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	15.37	7.68	8.89	3.89	1.94	2.25	4.04	2.02	2.34
Acetylene	0.11	12.23	6.12	6.57	2.83	1.42	1.52	3.17	1.59	1.70
Ethane	0.17	39.23	19.62	24.33	10.09	5.04	6.26	10.22	5.11	6.34
Propylene	0.11	6.94	2.31	4.02	1.26	0.42	0.73	1.50	0.50	0.87
Propane	0.19	16.09	5.36	9.76	8.51	2.84	5.16	9.21	3.07	5.58
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	10.15	2.54	6.09	2.26	0.56	1.35	2.51	0.63	1.50
Isobutene/1-Butene	0.17	4.93	1.23	2.85	1.76	0.44	1.02	1.98	0.50	1.15
1,3-Butadiene	0.17	1.39	0.35	0.78	0.24	0.06	0.13	0.19	0.05	0.10
n-Butane	0.17	34.20	8.55	20.50	6.77	1.69	4.06	7.12	1.78	4.27
trans-2-Butene	0.17	1.63	0.41	0.94	0.21	0.05	0.12	0.53	0.13	0.31
cis-2-Butene	0.16	1.72	0.43	1.00	0.19	0.05	0.11	0.56	0.14	0.32
3-Methyl-1-butene	0.16	0.61	0.12	0.35	ND	ND	ND	ND	ND	ND
Isopentane	0.19	29.68	5.94	17.67	5.19	1.04	3.09	5.54	1.11	3.30
1-Pentene	0.20	1.68	0.34	0.97	0.25	0.05	0.15	0.47	0.09	0.27
2-Methyl-1-butene	0.20	3.34	0.67	1.94	0.24	0.05	0.14	0.22	0.04	0.13
n-Pentane	0.19	12.26	2.45	7.30	2.74	0.55	1.63	2.93	0.59	1.74
Isoprene	0.20	1.42	0.28	0.80	0.21	0.04	0.12	0.50	0.10	0.28
trans-2-Pentene	0.21	2.34	0.47	1.39	0.31	0.06	0.18	0.50	0.10	0.29
cis-2-Pentene	0.22	1.41	0.28	0.84	ND	ND	ND	0.46	0.09	0.27
2-Methyl-2-butene	0.22	2.87	0.57	1.66	0.45	0.09	0.26	0.35	0.07	0.20
2,2-Dimethylbutane	0.20	2.30	0.38	1.36	0.55	0.09	0.33	0.95	0.16	0.56
Cyclopentene	0.20	0.58	0.12	0.33	0.96	0.19	0.54	0.87	0.17	0.49
4-Methyl-1-pentene	0.20	0.20	0.03	0.12	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	1.40	0.28	0.81	0.21	0.04	0.12	0.51	0.10	0.30
2,3-Dimethylbutane	0.20	3.88	0.65	2.30	0.47	0.08	0.28	0.95	0.16	0.56
2-Methylpentane	0.13	11.33	1.89	6.71	2.63	0.44	1.56	2.28	0.38	1.35
3-Methylpentane	0.22	7.38	1.23	4.37	1.17	0.20	0.69	1.45	0.24	0.86
2-Methyl-1-pentene	0.22	0.43	0.07	0.25	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.97	0.16	0.57	0.20	0.03	0.12	0.60	0.10	0.35
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	7.39	1.23	4.38	2.47	0.41	1.47	2.56	0.43	1.52
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	3.83	0.64	2.22	0.83	0.14	0.48	1.12	0.19	0.65
2,4-Dimethylpentane	0.22	3.11	0.44	1.58	0.35	0.05	0.18	0.77	0.11	0.39
Benzene	0.18	7.50	1.25	4.03	2.33	0.39	1.25	2.61	0.43	1.40
Cyclohexane	0.16	1.51	0.25	0.87	0.36	0.06	0.21	0.83	0.14	0.48
2-Methylhexane	0.21	4.05	0.58	2.39	1.29	0.18	0.76	1.17	0.17	0.69
2,3-Dimethylpentane	0.28	4.45	0.64	2.63	0.63	0.09	0.37	1.00	0.14	0.59
3-Methylhexane	0.17	5.29	0.76	3.12	1.05	0.15	0.62	1.35	0.19	0.79
1-Heptene	0.17	ND	ND	ND	0.46	0.07	0.27	ND	ND	ND
2,2,4-Trimethylpentane	0.19	9.47	1.18	5.58	1.39	0.17	0.82	1.80	0.23	1.06
n-Heptane	0.23	3.21	0.46	1.90	1.05	0.15	0.62	1.24	0.18	0.73
Methylcyclohexane	0.25	2.28	0.33	1.32	1.30	0.19	0.75	0.71	0.10	0.41
2,2,3-Trimethylpentane	0.25	1.89	0.24	1.11	0.31	0.04	0.18	0.41	0.05	0.24
2,3,4-Trimethylpentane	0.20	3.68	0.46	2.17	0.58	0.07	0.34	0.76	0.09	0.44
Toluene	0.20	20.31	2.90	11.03	4.31	0.62	2.34	4.62	0.66	2.51
2-Methylheptane	0.17	1.37	0.17	0.81	0.18	0.02	0.11	0.43	0.05	0.25
3-Methylheptane	0.20	1.37	0.17	0.81	0.23	0.03	0.13	0.51	0.06	0.30
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.51	0.19	0.89	0.52	0.07	0.31	0.81	0.10	0.48
Ethylbenzene	0.21	3.29	0.41	1.97	1.00	0.13	0.60	1.26	0.16	0.76
m-Xylene/p-Xylene	0.16	9.36	1.17	5.12	2.80	0.35	1.53	3.08	0.39	1.69
Styrene	0.20	0.75	0.09	0.40	1.28	0.16	0.69	1.35	0.17	0.73
o-Xylene	0.19	4.09	0.51	2.24	1.05	0.13	0.57	1.24	0.15	0.68
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	1.15	0.13	0.67	0.40	0.04	0.23	0.61	0.07	0.36
Isopropylbenzene	0.18	0.47	0.05	0.26	0.15	0.02	0.08	0.47	0.05	0.26
a-Pinene	0.18	0.70	0.07	0.39	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.87	0.10	0.48	0.29	0.03	0.16	0.55	0.06	0.30
m-Ethyltoluene	0.15	2.96	0.33	1.63	0.75	0.08	0.41	0.93	0.10	0.51
p-Ethyltoluene	0.19	1.51	0.17	0.83	0.47	0.05	0.26	0.75	0.08	0.41
1,3,5-Trimethylbenzene	0.18	2.04	0.23	1.12	0.42	0.05	0.23	0.66	0.07	0.36
o-Ethyltoluene	0.22	1.79	0.20	0.99	0.39	0.04	0.22	0.69	0.08	0.38
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.74	0.19	0.96	1.17	0.13	0.64	1.49	0.17	0.82
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.34	0.13	0.79	0.50	0.05	0.29	0.75	0.07	0.44
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	0.30	0.03	0.16	0.52	0.06	0.28
m-Diethylbenzene	0.20	NR	NR	NR	0.33	0.03	0.18	0.62	0.06	0.34
p-Diethylbenzene	0.22	NR	NR	NR	0.16	0.02	0.09	0.41	0.04	0.23
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	3.14	0.29	1.84	0.51	0.05	0.30	0.83	0.08	0.49
1-Dodecene	0.24	ND	ND	ND	0.37	0.03	0.21	0.31	0.03	0.18
n-Dodecane	0.49	0.48	0.04	0.28	0.35	0.03	0.21	0.63	0.05	0.37
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		345.85	86.52	202.27	85.91	21.81	50.20	99.43	24.28	57.98
TNMOC, ppbC (w/ unknowns)		433.41	433.41	433.41	122.16	122.16	122.16	136.96	136.96	136.96

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:	S4MO 36389 D2				S4MO 36389 R2			S4MO 36472		
Sampling Date:	10/24/2003				10/24/2003			10/30/2003		
Analysis Date:	11/20/2003				11/21/2003			11/21/2003		
Filename:	L3KS024				L3KT019			L3KT013		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.94	1.97	2.28	4.13	2.07	2.39	2.98	1.49	1.72
Acetylene	0.11	2.87	1.43	1.54	3.14	1.57	1.69	2.80	1.40	1.50
Ethane	0.17	10.14	5.07	6.29	10.20	5.10	6.32	11.86	5.93	7.36
Propylene	0.11	1.37	0.46	0.79	1.59	0.53	0.92	1.31	0.44	0.76
Propane	0.19	8.70	2.90	5.27	9.24	3.08	5.60	8.96	2.99	5.43
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.20	0.55	1.32	2.48	0.62	1.49	2.96	0.74	1.78
Isobutene/1-Butene	0.17	1.92	0.48	1.11	2.07	0.52	1.20	1.78	0.44	1.03
1,3-Butadiene	0.17	0.18	0.05	0.10	0.18	0.05	0.10	0.18	0.04	0.10
n-Butane	0.17	6.80	1.70	4.07	7.11	1.78	4.26	7.32	1.83	4.39
trans-2-Butene	0.17	0.19	0.05	0.11	0.48	0.12	0.28	0.50	0.12	0.29
cis-2-Butene	0.16	0.18	0.04	0.10	0.59	0.15	0.34	0.62	0.16	0.36
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	4.99	1.00	2.97	5.36	1.07	3.19	4.68	0.94	2.79
1-Pentene	0.20	0.27	0.05	0.16	0.56	0.11	0.32	0.67	0.13	0.39
2-Methyl-1-butene	0.20	0.27	0.05	0.16	0.29	0.06	0.17	ND	ND	ND
n-Pentane	0.19	2.85	0.57	1.70	2.89	0.58	1.72	2.61	0.52	1.55
Isoprene	0.20	0.20	0.04	0.11	0.55	0.11	0.31	0.52	0.10	0.29
trans-2-Pentene	0.21	0.24	0.05	0.14	0.60	0.12	0.36	0.49	0.10	0.29
cis-2-Pentene	0.22	0.16	U	0.03	U	0.09	0.52	0.10	0.31	0.49
2-Methyl-2-butene	0.22	0.60	0.12	0.35	0.50	0.10	0.29	0.35	0.07	0.20
2,2-Dimethylbutane	0.20	0.47	0.08	0.28	0.96	0.16	0.57	0.93	0.15	0.55
Cyclopentene	0.20	0.70	0.14	0.39	0.65	0.13	0.36	1.08	0.22	0.61
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.20	U	0.04	U	0.11	0.45	0.09	0.26	0.42
2,3-Dimethylbutane	0.20	0.48	0.08	0.28	1.03	0.17	0.61	0.91	0.15	0.54
2-Methylpentane	0.13	2.60	0.43	1.54	2.53	0.42	1.50	3.22	0.54	1.91
3-Methylpentane	0.22	0.98	0.16	0.58	1.45	0.24	0.86	1.49	0.25	0.88
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.27	U	0.04	U	0.16	0.70	0.12	0.42	0.92
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.75	0.46	1.63	3.01	0.50	1.78	2.66	0.44	1.58
trans-2-Hexene	0.21	0.22	U	0.04	U	0.13	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.18	0.20	0.68	1.43	0.24	0.83	1.06	0.18	0.61
2,4-Dimethylpentane	0.22	0.36	0.05	0.18	0.83	0.12	0.42	0.76	0.11	0.39
Benzene	0.18	2.36	0.39	1.27	2.67	0.45	1.43	2.20	0.37	1.18
Cyclohexane	0.16	0.28	0.05	0.16	0.85	0.14	0.49	0.82	0.14	0.47
2-Methylhexane	0.21	1.67	0.24	0.99	1.57	0.22	0.93	0.96	0.14	0.57
2,3-Dimethylpentane	0.28	0.66	0.09	0.39	0.96	0.14	0.57	0.98	0.14	0.58
3-Methylhexane	0.17	0.93	0.13	0.55	1.19	0.17	0.70	1.04	0.15	0.61
1-Heptene	0.17	0.32	0.05	0.19	ND	ND	ND	0.28	U	0.04
2,2,4-Trimethylpentane	0.19	1.81	0.23	1.06	1.83	0.23	1.08	1.35	0.17	0.80
n-Heptane	0.23	1.02	0.15	0.60	1.29	0.18	0.76	0.90	0.13	0.53
Methylcyclohexane	0.25	0.37	0.05	0.21	0.70	0.10	0.40	0.56	0.08	0.32
2,2,3-Trimethylpentane	0.25	0.14	U	0.02	U	0.08	0.32	0.04	0.19	ND
2,3,4-Trimethylpentane	0.20	0.50	0.06	0.30	0.76	0.10	0.45	0.62	0.08	0.36
Toluene	0.20	4.33	0.62	2.35	4.72	0.67	2.56	3.68	0.53	2.00
2-Methylheptane	0.17	0.30	0.04	0.18	0.60	0.08	0.35	0.46	0.06	0.27
3-Methylheptane	0.20	0.18	U	0.02	U	0.11	0.52	0.06	0.30	0.35
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.40	0.05	0.23	0.73	0.09	0.43	0.53	0.07	0.31
Ethylbenzene	0.21	0.99	0.12	0.59	1.29	0.16	0.77	0.89	0.11	0.53
m-Xylene/p-Xylene	0.16	2.89	0.36	1.58	3.13	0.39	1.71	2.12	0.27	1.16
Styrene	0.20	1.65	0.21	0.89	1.73	0.22	0.93	1.81	0.23	0.97
o-Xylene	0.19	1.00	0.13	0.55	1.25	0.16	0.69	0.91	0.11	0.50
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.46	0.05	0.27	0.64	0.07	0.38	0.49	0.05	0.29
Isopropylbenzene	0.18	0.21	0.02	0.12	0.46	0.05	0.25	0.29	0.03	0.16
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	0.45	0.05	0.26
n-Propylbenzene	0.21	0.34	0.04	0.19	0.59	0.07	0.33	0.45	0.05	0.25
m-Ethyltoluene	0.15	0.78	0.09	0.43	0.94	0.10	0.52	0.78	0.09	0.43
p-Ethyltoluene	0.19	0.48	0.05	0.26	0.83	0.09	0.46	0.62	0.07	0.34
1,3,5-Trimethylbenzene	0.18	0.47	0.05	0.26	0.63	0.07	0.34	0.54	0.06	0.30
o-Ethyltoluene	0.22	0.30	0.03	0.17	0.72	0.08	0.39	0.58	0.06	0.32
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.36	0.15	0.75	1.63	0.18	0.90	1.44	0.16	0.79
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.40	0.04	0.24	0.78	0.08	0.46	0.57	0.06	0.34
1,2,3-Trimethylbenzene	0.19	0.37	0.04	0.21	0.61	0.07	0.34	0.49	0.05	0.27
m-Diethylbenzene	0.20	0.68	0.07	0.38	0.89	0.09	0.50	0.48	0.05	0.27
p-Diethylbenzene	0.22	0.27	0.03	0.15	0.41	0.04	0.23	0.34	0.03	0.19
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.19	U	0.02
n-Undecane	0.24	0.62	0.06	0.36	0.76	0.07	0.45	0.58	0.05	0.34
1-Dodecene	0.24	0.34	U	0.03	U	0.20	0.30	U	0.03	U
n-Dodecane	0.49	0.41	U	0.03	U	0.24	0.77	0.06	0.45	0.55
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		87.52	22.11	51.11	102.58	24.76	59.78	94.18	23.61	55.08
TNMOC, ppbC (w/ unknowns)		140.84	140.84	140.84	162.80	162.80	162.80	137.68	137.68	137.68

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:	S4MO 36591				S4MO 36661			S4MO 36756 D1		
Sampling Date:	11/5/2003				11/11/2003			11/17/2003		
Analysis Date:	11/26/2003				12/2/2003			12/2/2003		
Filename:	L3KY011				L3LA021			L3LA018		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.34	1.67	1.93	4.99	2.49	2.89	3.54	1.77	2.05
Acetylene	0.11	2.40	1.20	1.29	8.93	4.46	4.79	3.59	1.80	1.93
Ethane	0.17	7.75	3.88	4.81	16.26	8.13	10.09	14.23	7.12	8.83
Propylene	0.11	1.66	0.55	0.96	2.09	0.70	1.21	1.47	0.49	0.85
Propane	0.19	6.36	2.12	3.86	14.33	4.78	8.69	11.35	3.78	6.88
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.46	0.61	1.47	4.71	1.18	2.83	3.21	0.80	1.92
Isobutene/1-Butene	0.17	1.51	0.38	0.88	1.70	0.43	0.98	1.37	0.34	0.79
1,3-Butadiene	0.17	0.15	U	0.04	U	0.08	0.33	0.08	0.18	0.23
n-Butane	0.17	5.37	1.34	3.22	12.76	3.19	7.65	7.64	1.91	4.58
trans-2-Butene	0.17	0.14	U	0.04	U	0.08	0.39	0.10	0.23	0.40
cis-2-Butene	0.16	0.23	0.06	0.13	0.63	0.16	0.36	0.46	0.11	0.26
3-Methyl-1-butene	0.16	ND	ND	ND	0.15	U	0.03	U	0.09	ND
Isopentane	0.19	3.10	0.62	1.84	8.38	1.68	4.99	5.51	1.10	3.28
1-Pentene	0.20	0.70	0.14	0.41	0.61	0.12	0.35	0.37	0.07	0.21
2-Methyl-1-butene	0.20	0.22	U	0.04	U	0.13	0.45	0.09	0.26	0.44
n-Pentane	0.19	1.96	0.39	1.16	4.22	0.84	2.51	3.50	0.70	2.09
Isoprene	0.20	ND	ND	ND	0.49	0.10	0.27	0.42	0.08	0.23
trans-2-Pentene	0.21	0.24	0.05	0.14	0.73	0.15	0.43	0.46	0.09	0.27
cis-2-Pentene	0.22	ND	ND	ND	0.50	0.10	0.30	0.38	0.08	0.23
2-Methyl-2-butene	0.22	0.39	0.08	0.22	0.71	0.14	0.41	0.29	0.06	0.17
2,2-Dimethylbutane	0.20	0.38	0.06	0.22	1.03	0.17	0.61	0.74	0.12	0.44
Cyclopentene	0.20	0.50	0.10	0.28	0.87	0.17	0.49	0.95	0.19	0.54
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.14	U	0.03	U	0.08	0.49	0.10	0.29	0.39
2,3-Dimethylbutane	0.20	0.34	0.06	0.20	1.22	0.20	0.72	0.93	0.16	0.55
2-Methylpentane	0.13	2.32	0.39	1.37	4.40	0.73	2.60	3.41	0.57	2.02
3-Methylpentane	0.22	0.86	0.14	0.51	2.22	0.37	1.31	2.66	0.44	1.58
2-Methyl-1-pentene	0.22	ND	ND	ND	0.14	U	0.02	U	0.08	ND
1-Hexene	0.32	0.28	U	0.05	U	0.16	0.66	0.11	0.39	0.59
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.86	0.31	1.10	3.70	0.62	2.19	4.38	0.73	2.59
trans-2-Hexene	0.21	ND	ND	ND	0.42	0.07	0.25	0.15	U	0.02
cis-2-Hexene	0.21	ND	ND	ND	0.13	U	0.02	U	0.08	ND
Methylcyclopentane	0.21	0.75	0.12	0.43	1.67	0.28	0.96	1.63	0.27	0.94
2,4-Dimethylpentane	0.22	0.17	U	0.02	U	0.09	0.99	0.14	0.50	0.63
Benzene	0.18	1.58	0.26	0.85	3.36	0.56	1.80	2.41	0.40	1.29
Cyclohexane	0.16	ND	ND	ND	1.02	0.17	0.59	0.73	0.12	0.42
2-Methylhexane	0.21	0.98	0.14	0.58	1.91	0.27	1.13	1.27	0.18	0.75
2,3-Dimethylpentane	0.28	0.30	0.04	0.17	1.48	0.21	0.87	0.96	0.14	0.56
3-Methylhexane	0.17	0.54	0.08	0.32	1.17	0.17	0.69	1.13	0.16	0.67
1-Heptene	0.17	0.27	U	0.04	U	0.16	0.26	U	0.04	U
2,2,4-Trimethylpentane	0.19	0.70	0.09	0.41	2.41	0.30	1.42	1.15	0.14	0.68
n-Heptane	0.23	0.46	0.07	0.27	1.22	0.17	0.72	1.11	0.16	0.65
Methylcyclohexane	0.25	0.28	0.04	0.16	0.91	0.13	0.53	0.75	0.11	0.43
2,2,3-Trimethylpentane	0.25	ND	ND	ND	0.48	0.06	0.28	0.24	0.03	0.14
2,3,4-Trimethylpentane	0.20	0.27	0.03	0.16	1.08	0.14	0.64	0.60	0.08	0.36
Toluene	0.20	4.33	0.62	2.35	8.08	1.15	4.39	4.56	0.65	2.47
2-Methylheptane	0.17	0.16	U	0.02	U	0.10	0.70	0.09	0.41	0.45
3-Methylheptane	0.20	ND	ND	ND	0.51	0.06	0.30	0.38	0.05	0.23
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.26	0.03	0.15	0.75	0.09	0.44	0.59	0.07	0.35
Ethylbenzene	0.21	0.74	0.09	0.44	1.78	0.22	1.07	1.10	0.14	0.66
m-Xylene/p-Xylene	0.16	2.44	0.30	1.33	5.12	0.64	2.81	2.72	0.34	1.49
Styrene	0.20	0.44	0.05	0.23	2.08	0.26	1.11	1.29	0.16	0.69
o-Xylene	0.19	0.68	0.09	0.37	1.68	0.21	0.92	1.02	0.13	0.56
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.18	0.02	0.11	0.65	0.07	0.38	0.47	0.05	0.27
Isopropylbenzene	0.18	ND	ND	ND	0.34	0.04	0.19	0.32	0.04	0.17
a-Pinene	0.18	0.19	U	0.02	U	0.11	0.38	0.04	0.21	0.54
n-Propylbenzene	0.21	0.21	0.02	0.12	0.59	0.07	0.33	0.46	0.05	0.25
m-Ethyltoluene	0.15	0.50	0.06	0.28	1.24	0.14	0.68	0.81	0.09	0.45
p-Ethyltoluene	0.19	0.29	0.03	0.16	0.89	0.10	0.49	0.61	0.07	0.34
1,3,5-Trimethylbenzene	0.18	0.24	0.03	0.13	0.75	0.08	0.42	0.50	0.06	0.27
o-Ethyltoluene	0.22	0.30	0.03	0.17	0.89	0.10	0.49	0.62	0.07	0.34
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.74	0.08	0.41	2.00	0.22	1.10	1.32	0.15	0.73
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.21	U	0.02	U	0.12	0.82	0.08	0.48	0.54
1,2,3-Trimethylbenzene	0.19	0.22	0.02	0.12	0.61	0.07	0.34	0.39	0.04	0.22
m-Diethylbenzene	0.20	ND	ND	ND	0.61	0.06	0.34	0.46	0.05	0.26
p-Diethylbenzene	0.22	ND	ND	ND	0.46	0.05	0.25	0.30	0.03	0.17
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.29	0.03	0.17	5.40	0.49	3.17	0.64	0.06	0.38
1-Dodecene	0.24	0.16	U	0.01	U	0.09	0.35	U	0.03	U
n-Dodecane	0.49	0.26	U	0.02	U	0.15	1.17	0.10	0.68	0.64
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	0.16	U	0.01	U	0.09	0.16
TNMOC (speciated)		63.77	16.88	37.27	154.59	38.64	90.11	106.60	27.34	62.47
TNMOC, ppbC (w/ unknowns)		137.82	137.82	137.82	259.22	259.22	259.22	139.87	139.87	139.87

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:	S4MO 36756 R1				S4MO 36757 D2			S4MO 36757 R2					
Sampling Date:	11/17/2003				11/17/2003			11/17/2003					
Analysis Date:	12/3/2003				12/2/2003			12/3/2003					
Filename:	L3LC011				L3LA019			L3LC012					
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³			
Ethylene	0.15	3.53	1.77	2.04	3.61	1.80	2.09	3.60	1.80	2.08			
Acetylene	0.11	3.57	1.79	1.92	3.54	1.77	1.90	3.53	1.77	1.90			
Ethane	0.17	14.12	7.06	8.76	14.21	7.10	8.81	14.07	7.04	8.73			
Propylene	0.11	1.47	0.49	0.85	1.59	0.53	0.92	1.54	0.51	0.89			
Propane	0.19	11.27	3.76	6.84	11.30	3.77	6.85	11.21	3.74	6.80			
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Isobutane	0.14	3.17	0.79	1.90	3.18	0.79	1.91	3.18	0.79	1.91			
Isobutene/1-Butene	0.17	1.38	0.34	0.80	1.49	0.37	0.86	1.44	0.36	0.83			
1,3-Butadiene	0.17	0.20	0.05	0.11	0.22	0.06	0.12	0.23	0.06	0.13			
n-Butane	0.17	7.58	1.89	4.54	7.56	1.89	4.53	7.50	1.87	4.49			
trans-2-Butene	0.17	0.39	0.10	0.22	0.33	0.08	0.19	0.38	0.09	0.22			
cis-2-Butene	0.16	0.44	0.11	0.26	0.44	0.11	0.26	0.44	0.11	0.26			
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Isopentane	0.19	5.47	1.09	3.25	5.26	1.05	3.13	5.26	1.05	3.13			
1-Pentene	0.20	0.38	0.08	0.22	0.50	0.10	0.29	0.52	0.10	0.30			
2-Methyl-1-butene	0.20	0.25	0.05	0.14	0.24	0.05	0.14	0.26	0.05	0.15			
n-Pentane	0.19	3.53	0.71	2.10	3.46	0.69	2.06	3.28	0.66	1.95			
Isoprene	0.20	0.39	0.08	0.22	0.37	0.07	0.21	0.41	0.08	0.23			
trans-2-Pentene	0.21	0.45	0.09	0.27	0.47	0.09	0.28	0.46	0.09	0.27			
cis-2-Pentene	0.22	0.36	0.07	0.21	0.40	0.08	0.24	0.40	0.08	0.24			
2-Methyl-2-butene	0.22	0.31	0.06	0.18	0.29	0.06	0.17	0.31	0.06	0.18			
2,2-Dimethylbutane	0.20	0.80	0.13	0.47	0.87	0.15	0.52	0.95	0.16	0.56			
Cyclopentene	0.20	0.43	0.09	0.24	0.87	0.17	0.49	0.46	0.09	0.26			
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Cyclopentane	0.20	0.40	0.08	0.23	0.39	0.08	0.23	0.41	0.08	0.24			
2,3-Dimethylbutane	0.20	0.96	0.16	0.57	0.90	0.15	0.53	0.91	0.15	0.54			
2-Methylpentane	0.13	3.34	0.56	1.98	3.42	0.57	2.03	3.36	0.56	1.99			
3-Methylpentane	0.22	2.61	0.44	1.55	2.25	0.37	1.33	2.19	0.36	1.30			
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1-Hexene	0.32	0.61	0.10	0.36	0.71	0.12	0.42	0.73	0.12	0.43			
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Hexane	0.21	4.40	0.73	2.61	3.79	0.63	2.25	3.74	0.62	2.21			
trans-2-Hexene	0.21	0.15	U	0.03	U	0.09	ND	0.17	U	0.03	U	0.10	
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclopentane	0.21	1.59	0.26	0.92	1.47	0.25	0.85	1.43	0.24	0.82			
2,4-Dimethylpentane	0.22	0.65	0.09	0.33	0.67	0.10	0.34	0.65	0.09	0.33			
Benzene	0.18	2.40	0.40	1.29	2.67	0.45	1.44	2.67	0.45	1.44			
Cyclohexane	0.16	0.74	0.12	0.43	0.74	0.12	0.43	0.73	0.12	0.42			
2-Methylhexane	0.21	1.38	0.20	0.82	1.56	0.22	0.92	1.57	0.22	0.93			
2,3-Dimethylpentane	0.28	1.04	0.15	0.61	1.00	0.14	0.59	1.02	0.15	0.60			
3-Methylhexane	0.17	1.23	0.18	0.73	1.00	0.14	0.59	1.01	0.14	0.60			
1-Heptene	0.17	ND	ND	ND	0.18	U	0.03	U	0.19	U	0.03	U	0.11
2,2,4-Trimethylpentane	0.19	1.38	0.17	0.81	1.28	0.16	0.76	1.31	0.16	0.77			
n-Heptane	0.23	1.13	0.16	0.67	1.18	0.17	0.70	1.13	0.16	0.67			
Methylcyclohexane	0.25	0.83	0.12	0.48	0.74	0.11	0.43	0.77	0.11	0.45			
2,2,3-Trimethylpentane	0.25	0.36	0.04	0.21	0.34	0.04	0.20	ND	ND	ND			
2,3,4-Trimethylpentane	0.20	0.59	0.07	0.35	0.57	0.07	0.33	0.59	0.07	0.35			
Toluene	0.20	4.49	0.64	2.44	4.21	0.60	2.29	4.25	0.61	2.31			
2-Methylheptane	0.17	0.43	0.05	0.25	0.51	0.06	0.30	0.43	0.05	0.25			
3-Methylheptane	0.20	0.40	0.05	0.24	0.40	0.05	0.24	0.38	0.05	0.22			
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Octane	0.21	0.60	0.07	0.35	0.55	0.07	0.32	0.62	0.08	0.36			
Ethylbenzene	0.21	1.17	0.15	0.70	1.01	0.13	0.61	1.06	0.13	0.63			
m-Xylene/p-Xylene	0.16	2.74	0.34	1.50	2.65	0.33	1.45	2.65	0.33	1.45			
Styrene	0.20	1.24	0.16	0.67	1.34	0.17	0.72	1.36	0.17	0.73			
o-Xylene	0.19	1.05	0.13	0.57	0.98	0.12	0.53	1.02	0.13	0.56			
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Nonane	0.11	0.48	0.05	0.28	0.47	0.05	0.28	0.48	0.05	0.28			
Isopropylbenzene	0.18	0.39	0.04	0.22	0.34	0.04	0.19	0.39	0.04	0.21			
a-Pinene	0.18	0.44	0.04	0.25	0.41	0.04	0.23	0.37	0.04	0.21			
n-Propylbenzene	0.21	0.46	0.05	0.25	0.48	0.05	0.26	0.43	0.05	0.24			
m-Ethyltoluene	0.15	0.85	0.09	0.47	0.75	0.08	0.41	0.83	0.09	0.46			
p-Ethyltoluene	0.19	0.69	0.08	0.38	0.63	0.07	0.35	0.65	0.07	0.36			
1,3,5-Trimethylbenzene	0.18	0.54	0.06	0.30	0.50	0.06	0.27	0.56	0.06	0.31			
o-Ethyltoluene	0.22	0.63	0.07	0.35	0.48	0.05	0.27	0.54	0.06	0.30			
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene	0.21	1.40	0.16	0.77	1.29	0.14	0.71	1.34	0.15	0.74			
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Decane	0.25	0.56	0.06	0.33	0.50	0.05	0.30	0.54	0.05	0.32			
1,2,3-Trimethylbenzene	0.19	0.46	0.05	0.25	0.45	0.05	0.25	0.45	0.05	0.25			
m-Diethylbenzene	0.20	0.46	0.05	0.25	0.59	0.06	0.33	0.58	NR	NR			
p-Diethylbenzene	0.22	0.33	0.03	0.18	0.32	0.03	0.18	0.32	NR	NR			
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Undecane	0.24	0.68	0.06	0.40	0.63	0.06	0.37	0.63	0.06	0.37			
1-Dodecene	0.24	0.20	U	0.02	U	0.12	0.26	U	0.02	U	0.12		
n-Dodecane	0.49	0.57	0.05	0.34	0.55	0.05	0.32	0.57	0.05	0.33			
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND			
n-Tridecane	0.49	0.15	U	0.01	U	0.09	ND	ND	ND	ND			
TNMOC (speciated)		106.66	27.22	62.51	105.33	27.14	61.72	104.64	26.84	60.81			
TNMOC, ppbC (w/ unknowns)		137.68	137.68	137.68	144.76	144.76	144.76	147.23	147.23	147.23			

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:		S4MO 36902			S4MO 36966			S4MO 36984		
Sampling Date:		11/23/2003			11/29/2003			12/5/2003		
Analysis Date:		12/10/2003			12/16/2003			12/29/2003		
Filename:		L3LJ005			L3LP008			L3L#011		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	1.75	0.87	1.01	2.90	1.45	1.68	4.54	2.27	2.62
Acetylene	0.11	1.96	0.98	1.05	3.70	1.85	1.99	4.18	2.09	2.24
Ethane	0.17	7.95	3.97	4.93	13.87	6.93	8.60	9.58	4.79	5.94
Propylene	0.11	0.64	0.21	0.37	1.04	0.35	0.60	1.48	0.49	0.85
Propane	0.19	5.22	1.74	3.16	7.85	2.62	4.76	8.75	2.92	5.31
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.70	0.42	1.02	2.22	0.56	1.33	2.38	0.59	1.42
Isobutene/1-Butene	0.17	0.71	0.18	0.41	0.95	0.24	0.55	1.28	0.32	0.74
1,3-Butadiene	0.17	ND	ND	ND	0.17	0.04	0.10	0.21	0.05	0.11
n-Butane	0.17	4.02	1.00	2.41	5.33	1.33	3.19	5.84	1.46	3.50
trans-2-Butene	0.17	0.13	U	0.03	U	0.07	ND	ND	ND	ND
cis-2-Butene	0.16	ND	ND	ND	0.15	U	0.04	U	0.09	0.13
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.70	0.54	1.61	3.49	0.70	2.08	3.90	0.78	2.32
1-Pentene	0.20	0.16	U	0.03	U	0.09	0.36	0.07	0.21	0.20
2-Methyl-1-butene	0.20	0.15	U	0.03	U	0.09	0.20	U	0.04	U
n-Pentane	0.19	2.00	0.40	1.19	2.53	0.51	1.50	2.51	0.50	1.50
Isoprene	0.20	ND	ND	ND	ND	ND	ND	0.15	U	0.03
trans-2-Pentene	0.21	0.15	U	0.03	U	0.09	0.18	U	0.04	U
cis-2-Pentene	0.22	ND	ND	ND	ND	ND	ND	0.13	U	0.03
2-Methyl-2-butene	0.22	0.18	U	0.04	U	0.11	0.18	U	0.04	U
2,2-Dimethylbutane	0.20	0.23	0.04	0.14	0.27	0.04	0.16	0.36	0.06	0.21
Cyclopentene	0.20	0.43	0.09	0.24	0.27	0.05	0.15	0.28	0.06	0.16
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.12	U	0.02	U	0.07	0.15	U	0.03	U
2,3-Dimethylbutane	0.20	0.27	0.05	0.16	0.34	0.06	0.20	0.42	0.07	0.25
2-Methylpentane	0.13	1.53	0.26	0.91	1.85	0.31	1.10	3.44	0.57	2.04
3-Methylpentane	0.22	0.71	0.12	0.42	0.93	0.15	0.55	1.12	0.19	0.66
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	ND	ND	ND	0.23	U	0.04	U	0.14	0.31
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.98	0.16	0.58	1.12	0.19	0.66	1.32	0.22	0.78
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.39	0.06	0.23	0.47	0.08	0.27	0.83	0.14	0.48
2,4-Dimethylpentane	0.22	0.16	U	0.02	U	0.08	0.22	0.03	0.11	0.29
Benzene	0.18	1.22	0.20	0.65	1.65	0.28	0.89	1.96	0.33	1.05
Cyclohexane	0.16	0.18	0.03	0.10	0.24	0.04	0.14	0.37	0.06	0.21
2-Methylhexane	0.21	0.57	0.08	0.34	0.90	0.13	0.53	1.26	0.18	0.74
2,3-Dimethylpentane	0.28	0.37	0.05	0.22	0.38	0.05	0.22	0.51	0.07	0.30
3-Methylhexane	0.17	0.26	0.04	0.15	1.20	0.17	0.71	0.80	0.11	0.47
1-Heptene	0.17	ND	ND	ND	0.21	U	0.03	U	0.12	0.33
2,2,4-Trimethylpentane	0.19	0.54	0.07	0.32	0.63	0.08	0.37	0.88	0.11	0.52
n-Heptane	0.23	0.36	0.05	0.21	0.46	0.07	0.27	0.78	0.11	0.46
Methylcyclohexane	0.25	0.28	0.04	0.16	0.35	0.05	0.20	0.47	0.07	0.27
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.15	U	0.02	U	0.09	0.21	0.03	0.12	0.24
Toluene	0.20	2.15	0.31	1.17	2.42	0.35	1.31	5.24	0.75	2.85
2-Methylheptane	0.17	ND	ND	ND	0.13	U	0.02	U	0.07	0.22
3-Methylheptane	0.20	ND	ND	ND	0.16	U	0.02	U	0.10	0.16
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.20	U	0.03	U	0.12	0.23	0.03	0.13	0.32
Ethylbenzene	0.21	0.44	0.05	0.26	0.53	0.07	0.32	0.75	0.09	0.45
m-Xylene/p-Xylene	0.16	1.19	0.15	0.65	1.31	0.16	0.72	1.87	0.23	1.02
Styrene	0.20	0.58	0.07	0.31	0.32	0.04	0.17	0.77	0.10	0.41
o-Xylene	0.19	0.48	0.06	0.26	0.53	0.07	0.29	0.73	0.09	0.40
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.18	0.02	0.11	0.17	0.02	0.10	0.26	0.03	0.15
Isopropylbenzene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-Pinene	0.18	0.13	U	0.01	U	0.08	ND	ND	ND	0.14
n-Propylbenzene	0.21	0.22	0.02	0.12	0.19	U	0.02	U	0.11	0.23
m-Ethyltoluene	0.15	0.47	0.05	0.26	0.48	0.05	0.27	0.60	0.07	0.33
p-Ethyltoluene	0.19	0.29	0.03	0.16	0.33	0.04	0.18	0.38	0.04	0.21
1,3,5-Trimethylbenzene	0.18	0.27	0.03	0.15	0.29	0.03	0.16	0.33	0.04	0.18
o-Ethyltoluene	0.22	0.27	0.03	0.15	0.26	0.03	0.14	0.29	0.03	0.16
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.70	0.08	0.38	0.77	0.09	0.43	1.01	0.11	0.56
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.21	U	0.02	U	0.12	0.15	U	0.02	U
1,2,3-Trimethylbenzene	0.19	0.22	0.02	0.12	0.20	0.02	0.11	0.22	0.02	0.12
m-Diethylbenzene	0.20	0.15	U	0.02	U	0.08	0.14	U	0.01	U
p-Diethylbenzene	0.22	0.18	U	0.02	U	0.10	0.13	U	0.01	U
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.24	0.02	0.14	0.35	0.03	0.20	0.29	0.03	0.17
1-Dodecene	0.24	0.15	U	0.01	U	0.08	ND	ND	ND	ND
n-Dodecane	0.49	0.27	U	0.02	U	0.16	0.25	U	0.02	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		47.09	12.96	27.64	66.52	19.83	39.20	77.40	21.06	45.21
TNMOC, ppbC (w/ unknowns)		63.06	63.06	63.06	105.97	105.97	105.97	117.10	117.10	117.10

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:		S4MO 37105			S4MO 37229			S4MO 37230		
Sampling Date:		12/11/2003			12/17/2003			12/23/2003		
Analysis Date:		1/6/2004			1/6/2004			1/8/2004		
Filename:		L4AE020			L4AE018			L4AH008		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.08	2.04	2.36	4.16	2.08	2.41	3.23	1.62	1.87
Acetylene	0.11	4.54	2.27	2.44	4.80	2.40	2.58	3.34	1.67	1.80
Ethane	0.17	9.65	4.82	5.98	15.59	7.80	9.67	10.32	5.16	6.40
Propylene	0.11	1.29	0.43	0.74	1.55	0.52	0.90	1.02	0.34	0.59
Propane	0.19	7.22	2.41	4.38	10.15	3.38	6.15	7.88	2.63	4.78
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.16	0.54	1.29	2.91	0.73	1.74	2.09	0.52	1.25
Isobutene/1-Butene	0.17	1.53	0.38	0.88	1.41	0.35	0.82	0.85	0.21	0.49
1,3-Butadiene	0.17	0.24	0.06	0.13	0.27	0.07	0.15	0.18	0.04	0.10
n-Butane	0.17	4.86	1.22	2.92	6.98	1.75	4.18	4.87	1.22	2.92
trans-2-Butene	0.17	0.26	0.06	0.15	0.71	0.18	0.41	ND	ND	ND
cis-2-Butene	0.16	0.25	0.06	0.14	0.48	0.12	0.28	0.13	U	0.03
2-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.69	0.74	2.19	5.11	1.02	3.04	3.11	0.62	1.85
1-Pentene	0.20	0.29	0.06	0.17	0.39	0.08	0.23	0.15	U	0.03
2-Methyl-1-butene	0.20	0.23	0.05	0.13	0.28	0.06	0.16	0.19	U	0.04
n-Pentane	0.19	2.48	0.50	1.47	3.07	0.61	1.83	2.23	0.45	1.33
Isoprene	0.20	0.20	0.04	0.11	0.44	0.09	0.25	ND	ND	ND
trans-2-Pentene	0.21	0.30	0.06	0.18	0.50	0.10	0.30	0.20	U	0.04
cis-2-Pentene	0.22	0.26	0.05	0.15	0.43	0.09	0.25	ND	ND	ND
2-Methyl-2-butene	0.22	0.26	0.05	0.15	0.35	0.07	0.20	0.22	U	0.04
2,2-Dimethylbutane	0.20	0.38	0.06	0.23	0.74	0.12	0.44	0.31	0.05	0.18
Cyclopentene	0.20	0.15	U	0.03	U	0.08	0.27	0.05	0.15	0.25
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.16	U	0.03
Cyclopentane	0.20	0.18	U	0.04	U	0.10	0.36	0.07	0.21	0.18
2,3-Dimethylbutane	0.20	0.53	0.09	0.31	0.90	0.15	0.53	0.38	0.06	0.23
2-Methylpentane	0.13	1.68	0.28	1.00	2.15	0.36	1.27	2.56	0.43	1.52
3-Methylpentane	0.22	1.01	0.17	0.60	1.46	0.24	0.87	0.73	0.12	0.43
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.44	0.07	0.26	0.45	0.07	0.27	ND	ND	ND
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.36	0.23	0.81	1.88	0.31	1.11	1.10	0.18	0.65
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.62	0.10	0.36	0.99	0.16	0.57	0.55	0.09	0.32
2,4-Dimethylpentane	0.22	0.34	0.05	0.17	0.68	0.10	0.34	0.18	U	0.03
Benzene	0.18	1.91	0.32	1.03	2.27	0.38	1.22	1.39	0.23	0.75
Cyclohexane	0.16	0.46	0.08	0.27	0.72	0.12	0.42	0.31	0.05	0.18
2-Methylhexane	0.21	0.69	0.10	0.40	0.82	0.12	0.48	0.53	0.08	0.31
2,3-Dimethylpentane	0.28	0.55	0.08	0.32	0.83	0.12	0.49	0.33	0.05	0.20
3-Methylhexane	0.17	1.28	0.18	0.75	1.48	0.21	0.87	0.41	0.06	0.24
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.12	U	0.02
2,2,4-Trimethylpentane	0.19	1.01	0.13	0.59	1.52	0.19	0.90	0.71	0.09	0.42
n-Heptane	0.23	0.82	0.12	0.49	1.05	0.15	0.62	0.52	0.07	0.31
Methylcyclohexane	0.25	0.41	0.06	0.24	0.83	0.12	0.48	0.52	0.07	0.30
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.16	U	0.02
2,3,4-Trimethylpentane	0.20	0.33	0.04	0.19	0.70	0.09	0.41	0.24	0.03	0.14
Toluene	0.20	4.54	0.65	2.47	5.68	0.81	3.08	2.91	0.42	1.58
2-Methylheptane	0.17	0.31	0.04	0.18	0.46	0.06	0.27	0.16	U	0.02
3-Methylheptane	0.20	0.32	0.04	0.19	0.47	0.06	0.27	0.13	U	0.02
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.41	0.05	0.24	0.67	0.08	0.39	0.24	0.03	0.14
Ethylbenzene	0.21	0.87	0.11	0.52	1.02	0.13	0.61	0.71	0.09	0.43
m-Xylene/p-Xylene	0.16	2.28	0.29	1.25	2.63	0.33	1.44	2.13	0.27	1.17
Styrene	0.20	0.45	0.06	0.24	0.53	0.07	0.29	0.67	0.08	0.36
o-Xylene	0.19	0.89	0.11	0.49	1.06	0.13	0.58	0.75	0.09	0.41
n-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.34	0.04	0.20	0.57	0.06	0.34	0.25	0.03	0.15
Isopropylbenzene	0.18	0.24	0.03	0.13	0.27	0.03	0.15	ND	ND	ND
a-Pinene	0.18	ND	ND	ND	0.29	0.03	0.16	ND	ND	ND
n-Propylbenzene	0.21	0.38	0.04	0.21	0.44	0.05	0.24	0.25	0.03	0.14
m-Ethyltoluene	0.15	0.70	0.08	0.38	0.95	0.11	0.52	0.61	0.07	0.34
p-Ethyltoluene	0.19	0.51	0.06	0.28	0.66	0.07	0.37	0.40	0.04	0.22
1,3,5-Trimethylbenzene	0.18	0.47	0.05	0.26	0.67	0.07	0.37	0.35	0.04	0.19
o-Ethyltoluene	0.22	0.39	0.04	0.22	0.44	0.05	0.24	0.36	0.04	0.20
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	0.12	U	0.01
1,2,4-Trimethylbenzene	0.21	0.98	0.11	0.54	1.39	0.15	0.76	0.89	0.10	0.49
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.41	0.04	0.24	0.69	0.07	0.41	0.22	U	0.02
1,2,3-Trimethylbenzene	0.19	0.32	0.04	0.17	0.45	0.05	0.25	0.25	0.03	0.14
m-Diethylbenzene	0.20	0.29	0.03	0.16	0.36	0.04	0.20	0.15	U	0.02
p-Diethylbenzene	0.22	0.18	U	0.02	U	0.10	0.29	0.03	0.16	0.17
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.28	0.03	0.17	0.78	0.07	0.46	0.26	0.02	0.15
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.16	U	0.01	U	0.09	0.29	U	0.02	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		73.62	20.00	42.93	100.67	27.18	58.91	63.92	18.01	37.47
TNMOC, ppbC (w/ unknowns)		94.39	94.39	94.39	122.43	122.43	122.43	95.28	95.28	95.28

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Blait Street, St. Louis, MI (S4MO) 2003 UAMTP SNMOC Final Data Report

Sample No.:		S4MO 37389		
Sampling Date:		12/29/2003		
Analysis Date:		1/14/2004		
Filename:		L4AN011		
	MDL	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.55	2.27	2.63
Acetylene	0.11	5.11	2.55	2.74
Ethane	0.17	17.58	8.79	10.90
Propylene	0.11	1.53	0.51	0.89
Propane	0.19	11.27	3.76	6.84
Propyne	0.19	ND	ND	ND
Isobutane	0.14	3.19	0.80	1.91
Isobutene/1-Butene	0.17	1.26	0.32	0.73
1,3-Butadiene	0.17	0.26	0.06	0.14
n-Butane	0.17	8.07	2.02	4.84
trans-2-Butene	0.17	0.35	0.09	0.20
cis-2-Butene	0.16	0.27	0.07	0.15
3-Methyl-1-butene	0.16	ND	ND	ND
Isopentane	0.19	5.16	1.03	3.07
1-Pentene	0.20	0.20	0.04	0.12
2-Methyl-1-butene	0.20	0.29	0.06	0.17
n-Pentane	0.19	2.74	0.55	1.63
Isoprene	0.20	0.14	U	0.03
trans-2-Pentene	0.21	0.30	0.06	0.18
cis-2-Pentene	0.22	0.15	U	0.03
2-Methyl-2-butene	0.22	0.53	0.11	0.31
2,2-Dimethylbutane	0.20	0.44	0.07	0.26
Cyclopentene	0.20	0.20	U	0.04
4-Methyl-1-pentene	0.20	ND	ND	ND
Cyclopentane	0.20	0.23	0.05	0.14
2,3-Dimethylbutane	0.20	0.54	0.09	0.32
2-Methylpentane	0.13	3.93	0.66	2.33
3-Methylpentane	0.22	1.25	0.21	0.74
2-Methyl-1-pentene	0.22	ND	ND	ND
1-Hexene	0.32	0.16	U	0.03
2-Ethyl-1-butene	0.22	ND	ND	ND
n-Hexane	0.21	1.79	0.30	1.06
trans-2-Hexene	0.21	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND
Methylcyclopentane	0.21	0.93	0.15	0.54
2,4-Dimethylpentane	0.22	0.33	0.05	0.17
Benzene	0.18	2.03	0.34	1.09
Cyclohexane	0.16	0.52	0.09	0.30
2-Methylhexane	0.21	0.85	0.12	0.50
2,3-Dimethylpentane	0.28	0.33	0.05	0.20
3-Methylhexane	0.17	1.05	0.15	0.62
1-Heptene	0.17	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.20	0.15	0.71
n-Heptane	0.23	0.84	0.12	0.50
Methylcyclohexane	0.25	0.78	0.11	0.45
2,2,3-Trimethylpentane	0.25	0.19	U	0.02
2,3,4-Trimethylpentane	0.20	0.36	0.04	0.21
Toluene	0.20	6.03	0.86	3.28
2-Methylheptane	0.17	0.32	0.04	0.19
3-Methylheptane	0.20	0.21	0.03	0.12
1-Octene	0.20	ND	ND	ND
n-Octane	0.21	0.39	0.05	0.23
Ethylbenzene	0.21	0.86	0.11	0.52
m-Xylene/p-Xylene	0.16	2.34	0.29	1.28
Styrene	0.20	0.21	0.03	0.11
o-Xylene	0.19	0.94	0.12	0.51
1-Nonene	0.19	0.12	U	0.01
n-Nonane	0.11	0.31	0.03	0.18
Isopropylbenzene	0.18	0.12	U	0.01
a-Pinene	0.18	0.12	U	0.01
n-Propylbenzene	0.21	0.25	0.03	0.14
m-Ethyltoluene	0.15	0.72	0.08	0.39
p-Ethyltoluene	0.19	0.44	0.05	0.24
1,3,5-Trimethylbenzene	0.18	0.40	0.04	0.22
o-Ethyltoluene	0.22	0.45	0.05	0.25
b-Pinene	0.22	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.03	0.11	0.57
1-Decene	0.21	ND	ND	ND
n-Decane	0.25	0.36	0.04	0.21
1,2,3-Trimethylbenzene	0.19	0.23	0.03	0.13
m-Diethylbenzene	0.20	0.14	U	0.01
p-Diethylbenzene	0.22	0.16	U	0.02
1-Undecene	0.22	ND	ND	ND
n-Undecane	0.24	0.47	0.04	0.28
1-Dodecene	0.24	ND	ND	ND
n-Dodecane	0.49	0.25	U	0.02
1-Tridecene	0.49	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND
TNMOC (speciated)		97.76	28.08	57.42
TNMOC, ppbC (w/ unknowns)		139.96	139.96	139.96

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 31426		SFSD 31484		SFSD 31580		SFSD 31654		SFSD 31762	
Sampling Date:		1/3/2003		1/9/2003		1/15/2003		1/21/2003		1/27/2003	
Analysis Date:				1/21/2003		2/14/2003		2/19/2003		2/20/2003	
Filename:		VOID		L3AT019		N3BN008		N3BS008		N3BS014	
	MDL	ppbC	ppbV	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15			2.07	1.20	2.83	1.64	5.04	2.91	6.52	3.77
Acetylene	0.11			1.79	0.96	3.41	1.83	9.18	4.93	5.23	2.81
Ethane	0.17			6.33	3.93	6.06	3.76	8.54	5.30	9.64	5.98
Propylene	0.11			1.57	0.91	1.28	0.74	1.86	1.08	3.03	1.75
Propane	0.19			5.99	3.63	4.92	2.98	12.04	7.30	19.67	11.93
Propyne	0.19			ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14			1.39	0.83	1.28	0.77	2.46	1.47	4.16	2.50
Isobutene/1-Butene	0.17			1.67	0.97	1.54	0.89	1.83	1.06	3.17	1.84
1,3-Butadiene	0.17			ND	ND	0.18	0.10	0.28	0.15	0.40	0.23
n-Butane	0.17			3.47	2.08	3.96	2.37	7.34	4.40	11.22	6.73
trans-2-Butene	0.17			ND	ND	0.13	U 0.08	0.35	0.20	0.49	0.28
cis-2-Butene	0.16			ND	ND	0.14	U 0.08	0.40	0.23	0.46	0.27
3-Methyl-1-butene	0.16			ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19			3.06	1.82	3.12	1.86	9.34	5.56	17.12	10.19
1-Pentene	0.20			0.25	0.14	ND	ND	0.32	0.18	0.12	U 0.07
2-Methyl-1-butene	0.20			0.36	0.21	0.29	0.17	0.33	0.19	0.71	0.41
n-Pentane	0.19			1.50	0.89	1.39	0.83	3.25	1.94	33.18	19.75
Isoprene	0.20			ND	ND	0.17	U 0.10	0.29	0.17	0.56	0.31
trans-2-Pentene	0.21			ND	ND	0.16	U 0.10	0.41	0.24	0.66	0.39
cis-2-Pentene	0.22			ND	ND	ND	ND	0.34	0.20	0.41	0.25
2-Methyl-2-butene	0.22			0.30	0.17	0.16	U 0.09	0.43	0.25	0.76	0.44
2,2-Dimethylbutane	0.20			ND	ND	0.24	0.14	0.56	0.33	0.92	0.55
Cyclopentene	0.20			ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20			ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20			0.22	0.13	0.39	0.23	0.46	0.27	2.08	1.20
2,3-Dimethylbutane	0.20			0.20	U 0.12	0.33	0.19	0.73	0.43	1.26	0.75
2-Methylpentane	0.13			0.63	0.37	0.83	0.49	1.90	1.13	7.96	4.71
3-Methylpentane	0.22			1.41	0.83	0.64	0.38	1.54	0.91	13.27	7.86
2-Methyl-1-pentene	0.22			ND	ND	ND	ND	0.16	U 0.09	ND	ND
1-Hexene	0.32			0.20	U 0.12	0.22	U 0.13	0.46	0.27	0.86	0.51
2-Ethyl-1-butene	0.22			ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21			0.63	0.37	0.85	0.50	1.81	1.07	52.93	31.36
trans-2-Hexene	0.21			ND	ND	ND	ND	0.15	U 0.09	0.17	U 0.10
cis-2-Hexene	0.21			ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21			0.35	0.20	0.42	0.24	0.91	0.53	16.28	9.42
2,4-Dimethylpentane	0.22			ND	ND	0.29	0.15	0.51	0.26	0.65	0.33
Benzene	0.18			1.74	0.94	2.25	1.21	3.09	1.66	3.69	1.98
Cyclohexane	0.16			0.26	0.15	0.31	0.18	0.70	0.41	1.23	0.71
2-Methylhexane	0.21			ND	ND	0.80	0.47	1.56	0.92	1.46	0.86
2,3-Dimethylpentane	0.28			0.84	0.49	0.54	0.32	1.52	0.89	1.03	0.61
3-Methylhexane	0.17			1.99	1.17	0.37	0.22	0.87	0.51	1.21	0.71
1-Heptene	0.17			ND	ND	ND	ND	ND	ND	0.34	0.20
2,2,4-Trimethylpentane	0.19			0.57	0.34	1.03	0.60	1.62	0.95	1.78	1.05
n-Heptane	0.23			0.39	0.23	0.33	0.19	0.95	0.56	1.17	0.69
Methylcyclohexane	0.25			ND	ND	0.17	U 0.10	0.49	0.28	0.73	0.42
2,2,3-Trimethylpentane	0.25			ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20			ND	ND	0.36	0.21	0.55	0.33	0.61	0.36
Toluene	0.20			2.37	1.29	3.36	1.82	6.88	3.74	9.23	5.01
2-Methylheptane	0.17			ND	ND	0.14	U 0.08	0.31	0.18	0.40	0.24
3-Methylheptane	0.20			ND	ND	0.17	U 0.10	0.47	0.28	0.44	0.26
1-Octene	0.20			ND	ND	ND	ND	0.15	U 0.09	0.29	0.17
n-Octane	0.21			0.29	0.17	0.30	0.18	0.54	0.32	0.62	0.36
Ethylbenzene	0.21			0.49	0.29	0.60	0.36	1.07	0.64	1.35	0.81
m-Xylene/p-Xylene	0.16			0.92	0.50	1.79	0.98	2.86	1.56	3.12	1.71
Styrene	0.20			0.20	0.11	0.19	U 0.10	0.54	0.29	0.71	0.38
o-Xylene	0.19			0.25	0.14	0.59	0.32	1.02	0.56	1.34	0.73
1-Nonene	0.19			ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11			0.19	0.11	0.22	0.13	0.39	0.23	0.46	0.27
Isopropylbenzene	0.18			ND	ND	0.33	0.18	0.34	0.18	0.46	0.25
a-Pinene	0.18			ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21			ND	ND	0.46	0.25	0.79	0.44	0.68	0.37
m-Ethyltoluene	0.15			0.51	0.28	1.07	0.59	1.31	0.72	0.99	0.55
p-Ethyltoluene	0.19			0.83	0.45	0.29	0.16	0.57	0.31	0.45	0.25
1,3,5-Trimethylbenzene	0.18			0.64	0.35	0.20	0.11	0.30	0.17	0.39	0.21
o-Ethyltoluene	0.22			ND	ND	0.32	0.18	0.45	0.25	0.56	0.31
b-Pinene	0.22			ND	ND	ND	ND	0.86	0.48	0.44	0.25
1,2,4-Trimethylbenzene	0.21			0.49	0.27	0.66	0.36	1.05	0.58	1.00	0.55
1-Decene	0.21			ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25			1.05	0.62	0.85	0.50	0.78	0.46	1.06	0.62
1,2,3-Trimethylbenzene	0.19			0.73	0.40	0.78	0.43	0.97	0.53	0.62	0.34
m-Diethylbenzene	0.20			0.47	0.26	0.46	0.26	1.21	0.67	0.46	0.25
p-Diethylbenzene	0.22			0.75	0.41	0.62	0.34	1.25	0.69	0.53	0.29
1-Undecene	0.22			0.69	0.40	ND	ND	0.52	0.30	ND	ND
n-Undecane	0.24			1.41	0.83	1.08	0.63	3.09	1.81	1.35	0.79
1-Dodecene	0.24			ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49			0.26	U 0.15	ND	ND	ND	ND	0.13	U 0.08
1-Tridecene	0.49			ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49			ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spciated)				51.71	30.26	55.82	32.39	112.28	65.16	254.24	149.36
TNMOC, ppbC (w/ unknowns)				168.25	168.25	117.21	117.21	232.79	232.79	345.63	345.63

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 31818		SFSD 31866		SFSD 31967		SFSD 32069		SFSD 32109	
Sampling Date:		2/2/2003		2/8/2003		2/14/2003		2/20/2003		2/26/2003	
Analysis Date:		2/28/2003		2/28/2003		3/13/2003		3/19/2003			
Filename:		L3B-014		L3B-018		L3CM008		L3CR025		VOID	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	2.21 *	1.28	3.09 *	1.79	6.84 *	3.96	1.83 *	1.06		
Acetylene	0.11	2.08	1.12	2.37	1.27	2.48	1.33	2.23	1.20		
Ethane	0.17	7.56	4.69	8.43	5.23	7.71	4.78	8.68	5.38		
Propylene	0.11	1.23	0.71	1.55	0.90	4.22	2.44	1.27	0.73		
Propane	0.19	8.79	5.33	6.09	3.69	9.59	5.82	8.47	5.14		
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND		
Isobutane	0.14	1.75	1.05	1.63	0.98	1.47	0.88	2.14	1.28		
Isobutene/1-Butene	0.17	0.74	0.43	1.84	1.06	7.11	4.11	1.12	0.65		
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	ND	ND		
n-Butane	0.17	5.34	3.20	3.79	2.27	5.26	3.15	4.59	2.75		
trans-2-Butene	0.17	ND	ND	ND	ND	0.19	0.11	0.37	0.22		
cis-2-Butene	0.16	ND	ND	ND	ND	0.18	0.10	0.57	0.33		
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND		
Isopentane	0.19	3.94	2.35	4.53	2.70	4.39	2.61	4.00	2.38		
1-Pentene	0.20	ND	ND	0.21	0.12	0.63	0.36	0.47	0.27		
2-Methyl-1-butene	0.20	ND	ND	0.33	0.19	0.70	0.41	0.23	0.13		
n-Pentane	0.19	1.96	1.16	1.66	0.99	1.58	0.94	2.03	1.21		
Isoprene	0.20	ND	ND	0.53	0.30	0.53	0.30	0.48	0.27		
trans-2-Pentene	0.21	0.20 U	0.12	ND	ND	ND	ND	0.42	0.25		
cis-2-Pentene	0.22	ND	ND	ND	ND	ND	ND	0.49	0.29		
2-Methyl-2-butene	0.22	ND	ND	0.21 U	0.12	ND	ND	0.17 U	0.10		
2,2-Dimethylbutane	0.20	ND	ND	ND	ND	0.20 U	0.12	0.85	0.50		
Cyclopentene	0.20	ND	ND	ND	ND	0.30	0.17	ND	ND		
4-Methyl-1-pentene	0.20	ND	ND	0.73	0.42	ND	ND	ND	ND		
Cyclopentane	0.20	0.35	0.20	ND	ND	0.34	0.20	0.55	0.32		
2,3-Dimethylbutane	0.20	0.22	0.13	ND	ND	0.19 U	0.11	0.94	0.56		
2-Methylpentane	0.13	0.89	0.53	0.73	0.43	0.70	0.41	1.53	0.91		
3-Methylpentane	0.22	0.61	0.36	1.26	0.75	4.15	2.46	1.07	0.63		
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	0.32	0.19	ND	ND		
1-Hexene	0.32	ND	ND	0.19 U	0.11	0.91	0.54	0.64	0.38		
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND		
n-Hexane	0.21	0.88	0.52	0.71	0.42	0.81	0.48	0.88	0.52		
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND		
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclopentane	0.21	0.48	0.28	0.40	0.23	0.43	0.25	0.60	0.35		
2,4-Dimethylpentane	0.22	0.22 U	0.11	ND	ND	1.36	0.69	0.67	0.34		
Benzene	0.18	1.73	0.93	2.02	1.08	1.51	0.81	1.36	0.73		
Cyclohexane	0.16	0.28	0.16	0.59	0.34	0.21	0.12	1.11	0.64		
2-Methylhexane	0.21	0.85	0.50	0.20 U	0.12	ND	ND	0.60	0.35		
2,3-Dimethylpentane	0.28	0.72	0.43	ND	ND	ND	ND	0.76	0.45		
3-Methylhexane	0.17	ND	ND	0.51	0.30	ND	ND	ND	ND		
1-Heptene	0.17	ND	ND	0.21 U	0.12	0.42	0.24	ND	ND		
2,2,4-Trimethylpentane	0.19	0.61	0.36	0.39	0.23	2.40	1.42	0.75	0.44		
n-Heptane	0.23	0.46	0.27	0.45	0.26	0.37	0.22	0.45	0.26		
Methylcyclohexane	0.25	0.18 U	0.10	0.22 U	0.13	1.90	1.10	0.55	0.32		
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	0.30	0.17	ND	ND		
2,3,4-Trimethylpentane	0.20	ND	ND	ND	ND	0.22	0.13	0.34	0.20		
Toluene	0.20	2.90	1.57	2.75	1.49	3.95 #	2.14	2.30	1.25		
2-Methylheptane	0.17	ND	ND	ND	ND	1.35	0.79	0.54	0.32		
3-Methylheptane	0.20	ND	ND	ND	ND	0.20 U	0.12	0.40	0.23		
1-Octene	0.20	ND	ND	ND	ND	0.77	0.45	ND	ND		
n-Octane	0.21	0.25	0.14	0.29	0.17	0.63	0.37	0.48	0.28		
Ethylbenzene	0.21	0.42	0.25	0.32	0.19	0.73	0.44	0.57	0.34		
m-Xylene/p-Xylene	0.16	0.97	0.53	0.64	0.35	5.02	2.75	1.29	0.70		
Styrene	0.20	0.37	0.20	ND	ND	ND	ND	0.48	0.26		
o-Xylene	0.19	0.42	0.23	0.30	0.16	0.50	0.27	0.67	0.37		
1-Nonene	0.19	ND	ND	ND	ND	0.71	0.41	ND	ND		
n-Nonane	0.11	ND	ND	ND	ND	0.30	0.18	0.63	0.37		
Isopropylbenzene	0.18	ND	ND	ND	ND	0.27	0.15	0.51	0.28		
a-Pinene	0.18	ND	ND	ND	ND	9.62	5.40	ND	ND		
n-Propylbenzene	0.21	0.33	0.18	ND	ND	1.11	0.61	0.86	0.47		
m-Ethyltoluene	0.15	0.41	0.22	ND	ND	0.78	0.43	1.01	0.56		
p-Ethyltoluene	0.19	1.26	0.69	ND	ND	1.68	0.93	1.39	0.76		
1,3,5-Trimethylbenzene	0.18	0.57	0.31	ND	ND	0.80	0.44	0.56	0.31		
o-Ethyltoluene	0.22	ND	ND	ND	ND	ND	ND	0.72	0.40		
b-Pinene	0.22	1.43	0.81	ND	ND	49.42	27.78	ND	ND		
1,2,4-Trimethylbenzene	0.21	0.32	0.18	0.21 U	0.11	0.74	0.41	1.06	0.58		
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND		
n-Decane	0.25	ND	ND	ND	ND	0.55	0.32	1.63	0.96		
1,2,3-Trimethylbenzene	0.19	0.69	0.38	ND	ND	0.49	0.27	1.63	0.90		
m-Diethylbenzene	0.20	1.19	0.66	ND	ND	0.79	0.44	1.08	0.60		
p-Diethylbenzene	0.22	1.10	0.61	ND	ND	2.09	1.16	1.31	0.72		
1-Undecene	0.22	ND	ND	ND	ND	0.56	0.32	ND	ND		
n-Undecane	0.24	2.92	1.71	ND	ND	2.07	1.21	3.30	1.93		
1-Dodecene	0.24	0.24 U	0.14	ND	ND	1.64	0.95	ND	ND		
n-Dodecane	0.49	0.33 U	0.19	ND	ND	0.47 U	0.27	0.70	0.41		
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND		
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND		
TNMOC (speciated)		60.37	35.33	49.37	29.05	157.09	90.13	76.28	44.54		
TNMOC, ppbC (w/ unknowns)		156.99	156.99	138.46	138.46	712.41	712.41	214.48	214.48		

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 32239		SFSD 32274		SFSD 32364		SFSD 32440		SFSD 32491 D1	
Sampling Date:		3/4/2003		3/10/2003		3/16/2003		3/22/2003		3/28/2003	
Analysis Date:		3/27/2003		3/31/2003		3/31/2003		4/1/2003			
Filename:		N3CZ020		L3C%011		L3C%012		L3C%015		VOID	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	2.81	1.63	2.88	1.67	2.57	1.48	4.03	2.33		
Acetylene	0.11	2.96	1.59	2.42	1.30	2.11	1.13	3.27	1.76		
Ethane	0.17	9.51	5.90	9.52	5.91	11.48	7.12	9.13	5.66		
Propylene	0.11	1.11	0.64	2.02	1.17	1.58	0.91	2.27	1.31		
Propane	0.19	10.39	6.30	10.27	6.23	12.44	7.54	8.76	5.31		
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND		
Isobutane	0.14	2.71	1.63	2.29	1.38	2.78	1.67	4.12	2.47		
Isobutene/1-Butene	0.17	1.02	0.59	2.06	1.19	2.07	1.20	2.52	1.46		
1,3-Butadiene	0.17	0.13	U 0.07	ND	ND	0.15	U 0.09	0.24	0.13		
n-Butane	0.17	6.87	4.12	5.90	3.54	8.87	5.31	15.58	9.34		
trans-2-Butene	0.17	0.18	0.10	0.47	0.27	0.45	0.26	0.71	0.41		
cis-2-Butene	0.16	0.21	0.12	0.61	0.36	0.67	0.39	0.93	0.54		
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND		
Isopentane	0.19	4.41	2.62	3.31	1.97	8.71	5.18	9.11	5.42		
1-Pentene	0.20	0.31	0.18	0.64	0.37	0.61	0.35	0.85	0.49		
2-Methyl-1-butene	0.20	ND	ND	0.45	0.26	0.41	0.24	0.62	0.36		
n-Pentane	0.19	2.26	1.35	2.35	1.40	3.04	1.81	3.54	2.11		
Isoprene	0.20	0.23	0.13	0.41	0.23	0.61	0.34	1.29	0.73		
trans-2-Pentene	0.21	0.21	0.13	0.45	0.27	0.63	0.37	0.76	0.45		
cis-2-Pentene	0.22	0.21	U 0.13	0.59	0.35	0.55	0.33	0.72	0.43		
2-Methyl-2-butene	0.22	0.23	0.13	0.33	0.19	0.31	0.18	0.58	0.34		
2,2-Dimethylbutane	0.20	0.41	0.24	0.75	0.44	0.77	0.46	0.87	0.52		
Cyclopentene	0.20	ND	ND	0.16	U 0.09	0.19	U 0.11	0.49	0.27		
4-Methyl-1-pentene	0.20	ND	ND	0.77	0.44	ND	ND	0.28	U 0.16		
Cyclopentane	0.20	0.47	0.27	0.77	0.45	0.63	0.36	0.73	0.42		
2,3-Dimethylbutane	0.20	0.52	0.31	0.95	0.56	0.96	0.57	1.17	0.70		
2-Methylpentane	0.13	1.08	0.64	1.13	0.67	1.45	0.86	1.90	1.13		
3-Methylpentane	0.22	0.71	0.42	0.92	0.55	2.58	1.53	2.49	1.47		
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND		
1-Hexene	0.32	0.20	U 0.12	0.85	0.50	0.80	0.47	1.28	0.76		
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND		
n-Hexane	0.21	1.00	0.59	1.31	0.78	1.32	0.78	1.72	1.02		
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND		
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclopentane	0.21	0.52	0.30	0.76	0.44	0.85	0.49	1.00	0.58		
2,4-Dimethylpentane	0.22	0.29	0.15	0.70	0.35	0.79	0.40	0.84	0.43		
Benzene	0.18	2.00	1.07	2.38	1.28	2.46	1.32	2.72	1.46		
Cyclohexane	0.16	0.40	0.23	1.05	0.61	0.99	0.58	0.85	0.49		
2-Methylhexane	0.21	0.71	0.42	0.81	0.48	0.98	0.58	0.88	0.52		
2,3-Dimethylpentane	0.28	0.37	0.22	0.64	0.38	1.11	0.65	1.15	0.68		
3-Methylhexane	0.17	0.66	0.39	2.01	1.19	1.90	1.12	2.48	1.46		
1-Heptene	0.17	0.11	U 0.06	0.18	U 0.10	ND	ND	ND	ND		
2,2,4-Trimethylpentane	0.19	0.85	0.50	1.09	0.64	1.94	1.14	1.94	1.14		
n-Heptane	0.23	0.68	0.40	0.72	0.43	0.70	0.42	1.07	0.63		
Methylcyclohexane	0.25	0.54	0.31	0.62	0.36	0.61	0.35	0.62	0.36		
2,2,3-Trimethylpentane	0.25	ND	ND	0.34	0.20	0.17	U 0.10	ND	ND		
2,3,4-Trimethylpentane	0.20	0.31	0.18	0.51	0.30	0.68	0.40	0.67	0.40		
Toluene	0.20	4.90	2.66	2.55	1.39	5.00	2.72	3.61	1.96		
2-Methylheptane	0.17	0.27	0.16	0.70	0.41	0.66	0.39	0.59	0.35		
3-Methylheptane	0.20	0.18	U 0.11	0.49	0.29	0.44	0.26	0.67	0.39		
1-Octene	0.20	0.15	U 0.09	ND	ND	ND	ND	ND	ND		
n-Octane	0.21	0.46	0.27	0.54	0.32	0.64	0.38	0.85	0.50		
Ethylbenzene	0.21	0.58	0.35	0.54	0.32	0.77	0.46	0.77	0.46		
m-Xylene/p-Xylene	0.16	1.62	0.89	1.21	0.66	1.64	0.90	1.73	0.95		
Styrene	0.20	0.25	0.13	0.28	0.15	0.82	0.44	0.47	0.25		
o-Xylene	0.19	0.69	0.38	0.48	0.26	0.69	0.38	0.74	0.41		
1-Nonene	0.19	ND	ND	ND	ND	0.17	U 0.10	ND	ND		
n-Nonane	0.11	0.24	0.14	0.26	0.15	0.43	0.25	0.54	0.31		
Isopropylbenzene	0.18	0.14	U 0.08	0.25	0.14	0.35	0.19	0.36	0.20		
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND		
n-Propylbenzene	0.21	0.28	0.15	0.20	U 0.11	0.48	0.26	0.48	0.27		
m-Ethyltoluene	0.15	0.89	0.49	0.29	0.16	0.88	0.48	0.65	0.36		
p-Ethyltoluene	0.19	0.34	0.19	0.37	0.20	0.88	0.48	0.86	0.47		
1,3,5-Trimethylbenzene	0.18	0.17	U 0.10	0.20	0.11	0.26	0.14	0.26	0.14		
o-Ethyltoluene	0.22	0.28	0.15	0.38	0.21	0.51	0.28	0.50	0.27		
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	0.21	0.48	0.26	0.44	0.24	0.84	0.46	0.99	0.54		
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND		
n-Decane	0.25	0.36	0.21	ND	ND	0.67	0.39	0.78	0.46		
1,2,3-Trimethylbenzene	0.19	0.49	0.27	0.33	0.18	1.63	0.90	ND	ND		
m-Diethylbenzene	0.20	0.24	0.13	0.28	0.15	0.52	0.29	0.72	0.40		
p-Diethylbenzene	0.22	0.80	0.44	ND	ND	1.21	0.67	1.58	0.88		
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND		
n-Undecane	0.24	0.87	0.51	0.19	U 0.11	2.16	1.26	1.74	1.02		
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND		
n-Dodecane	0.49	0.21	U 0.13	0.34	U 0.20	0.60	0.35	0.56	0.33		
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND		
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND		
TNMOC (speciated)		72.44	42.45	76.70	45.04	104.13	61.04	113.60	66.56		
TNMOC, ppbC (w/ unknowns)		120.77	120.77	202.19	202.19	223.71	223.71	225.00	225.00		

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SFSD 32493 D2	SFSD 32608	SFSD 32693	SFSD 32797	SFSD 32811
Sampling Date:		3/28/2003	4/3/2003	4/9/2003	4/15/2003	4/21/2003
Analysis Date:			4/11/2003	4/24/2003	5/1/2003	5/2/2003
Filename:		VOID	L3DK012	L3DX009	L3EA006	L3EA014
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15		1.32 0.77	2.15 1.25	1.31 0.76	2.32 1.34
Acetylene	0.11		1.58 0.85	3.06 1.64	1.14 0.61	1.64 0.88
Ethane	0.17		6.14 3.81	5.83 3.61	9.44 5.85	4.78 2.96
Propylene	0.11		0.72 0.41	1.19 0.69	1.09 0.63	1.51 0.87
Propane	0.19		8.13 4.93	8.63 5.23	9.77 5.92	3.78 2.29
Propyne	0.19		ND ND	ND ND	ND ND	ND ND
Isobutane	0.14		1.40 0.84	1.32 0.79	2.12 1.27	0.79 0.47
Isobutene/1-Butene	0.17		1.28 0.74	1.54 0.89	1.23 0.71	1.65 0.95
1,3-Butadiene	0.17		ND ND	ND ND	ND ND	ND ND
n-Butane	0.17		5.31 3.18	4.34 2.60	5.08 3.05	2.23 1.34
trans-2-Butene	0.17		ND ND	0.48 0.28	0.36 0.21	0.35 0.20
cis-2-Butene	0.16		0.48 0.27	0.63 0.36	0.51 0.29	0.50 0.29
3-Methyl-1-butene	0.16		ND ND	ND ND	ND ND	ND ND
Isopentane	0.19		10.17 6.05	6.30 3.75	4.78 2.85	3.77 2.25
1-Pentene	0.20		0.59 0.34	0.63 0.36	0.42 0.24	0.44 0.25
2-Methyl-1-butene	0.20		ND ND	0.22 0.13	0.23 0.13	0.26 0.15
n-Pentane	0.19		2.33 1.39	4.82 2.87	2.35 1.40	1.08 0.64
Isoprene	0.20		6.10 3.43	1.53 0.86	1.63 0.92	1.21 0.68
trans-2-Pentene	0.21		0.41 0.24	0.69 0.41	0.51 0.30	0.52 0.31
cis-2-Pentene	0.22		0.45 0.27	0.62 0.37	0.50 0.30	0.49 0.29
2-Methyl-2-butene	0.22		ND ND	0.30 0.17	ND ND	0.20 U 0.11
2,2-Dimethylbutane	0.20		0.57 0.34	0.74 0.44	0.67 0.40	0.64 0.38
Cyclopentene	0.20		ND ND	ND ND	ND ND	ND ND
4-Methyl-1-pentene	0.20		ND ND	ND ND	ND ND	ND ND
Cyclopentane	0.20		0.54 0.31	0.72 0.42	0.64 0.37	0.67 0.38
2,3-Dimethylbutane	0.20		0.71 0.42	0.94 0.56	0.87 0.51	0.81 0.48
2-Methylpentane	0.13		0.80 0.47	1.03 0.61	1.18 0.70	0.77 0.46
3-Methylpentane	0.22		0.96 0.57	1.85 1.10	1.41 0.83	2.62 1.55
2-Methyl-1-pentene	0.22		ND ND	ND ND	ND ND	ND ND
1-Hexene	0.32		0.79 0.47	1.06 0.63	0.82 0.48	1.07 0.63
2-Ethyl-1-butene	0.22		ND ND	ND ND	ND ND	ND ND
n-Hexane	0.21		0.87 0.51	1.26 0.75	1.19 0.70	0.76 0.45
trans-2-Hexene	0.21		ND ND	ND ND	ND ND	ND ND
cis-2-Hexene	0.21		ND ND	ND ND	ND ND	ND ND
Methylcyclopentane	0.21		0.51 0.30	0.78 0.45	0.76 0.44	0.57 0.33
2,4-Dimethylpentane	0.22		0.61 0.31	0.79 0.40	0.67 0.34	0.62 0.31
Benzene	0.18		1.54 0.82	2.34 1.26	1.79 0.96	1.63 0.87
Cyclohexane	0.16		0.79 0.46	1.19 0.69	1.04 0.60	1.09 0.63
2-Methylhexane	0.21		0.87 0.51	1.33 0.79	0.91 0.54	0.93 0.55
2,3-Dimethylpentane	0.28		0.88 0.52	1.54 0.91	0.99 0.58	1.05 0.62
3-Methylhexane	0.17		0.39 0.23	1.21 0.71	0.52 0.31	2.37 1.40
1-Heptene	0.17		ND ND	ND ND	ND ND	ND ND
2,2,4-Trimethylpentane	0.19		2.38 1.40	1.94 1.14	1.53 0.90	1.19 0.70
n-Heptane	0.23		0.53 0.31	0.74 0.44	0.70 0.41	0.53 0.31
Methylcyclohexane	0.25		0.46 0.27	0.53 0.30	0.59 0.34	0.43 0.25
2,2,3-Trimethylpentane	0.25		0.20 U 0.12	ND ND	ND ND	ND ND
2,3,4-Trimethylpentane	0.20		0.53 0.31	0.56 0.33	0.56 0.33	0.44 0.26
Toluene	0.20		7.22 3.92	6.64 3.60	2.93 1.59	2.22 1.21
2-Methylheptane	0.17		0.39 0.23	0.47 0.27	0.43 0.25	0.50 0.29
3-Methylheptane	0.20		0.42 0.25	0.54 0.32	0.35 0.21	0.44 0.26
1-Octene	0.20		ND ND	ND ND	ND ND	ND ND
n-Octane	0.21		0.66 0.39	0.74 0.43	0.62 0.37	0.48 0.28
Ethylbenzene	0.21		0.93 0.56	0.86 0.52	0.60 0.36	0.54 0.32
m-Xylene/p-Xylene	0.16		1.60 0.88	1.96 1.07	1.37 0.75	1.40 0.77
Styrene	0.20		1.62 0.87	0.79 0.42	0.49 0.26	0.41 0.22
o-Xylene	0.19		0.70 0.39	0.80 0.44	0.61 0.34	0.51 0.28
1-Nonene	0.19		ND ND	ND ND	ND ND	ND ND
n-Nonane	0.11		0.38 0.23	0.47 0.28	0.38 0.22	0.25 0.15
Isopropylbenzene	0.18		0.39 0.22	0.33 0.18	0.31 0.17	0.25 0.13
a-Pinene	0.18		ND ND	0.30 0.17	ND ND	ND ND
n-Propylbenzene	0.21		0.38 0.21	0.41 0.22	0.49 0.27	0.46 0.25
m-Ethyltoluene	0.15		1.26 0.69	0.74 0.41	0.54 0.29	0.46 0.25
p-Ethyltoluene	0.19		0.27 0.15	0.68 0.38	0.93 0.51	0.79 0.43
1,3,5-Trimethylbenzene	0.18		0.26 0.14	0.31 0.17	0.19 0.10	0.20 0.11
o-Ethyltoluene	0.22		0.32 0.18	0.54 0.30	ND ND	0.58 0.32
b-Pinene	0.22		ND ND	ND ND	ND ND	ND ND
1,2,4-Trimethylbenzene	0.21		0.55 0.30	0.83 0.46	0.69 0.38	0.60 0.33
1-Decene	0.21		ND ND	ND ND	ND ND	ND ND
n-Decane	0.25		0.48 0.28	0.67 0.39	0.60 0.35	0.41 0.24
1,2,3-Trimethylbenzene	0.19		0.23 0.13	0.58 0.32	0.74 0.41	0.76 0.42
m-Diethylbenzene	0.20		0.21 0.11	0.62 0.34	0.67 0.37	0.46 0.25
p-Diethylbenzene	0.22		0.18 U 0.10	0.90 0.50	1.25 0.69	0.97 0.54
1-Undecene	0.22		ND ND	ND ND	ND ND	ND ND
n-Undecane	0.24		0.45 0.27	2.70 1.58	2.36 1.39	1.18 0.69
1-Dodecene	0.24		ND ND	ND ND	ND ND	ND ND
n-Dodecane	0.49		0.61 0.36	0.57 0.33	0.57 0.33	0.49 U 0.29
1-Tridecene	0.49		ND ND	ND ND	ND ND	ND ND
n-Tridecane	0.49		ND ND	ND ND	ND ND	ND ND
TNMOC (speciated)			80.83 47.01	88.27 51.31	76.40 44.82	60.01 34.89
TNMOC, ppbC (w/ unknowns)			253.13 253.13	170.37 170.37	172.15 172.15	176.93 176.93

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 32940	SFSD 33087	SFSD 33172	SFSD 33303 D1	SFSD 33305 D2
Sampling Date:		4/27/2003	5/3/2003	5/9/2003	5/15/2003	5/15/2003
Analysis Date:		5/2/2003	5/22/2003	5/31/2003		
Filename:		L3EA018	L3EU022	L3E\$019	VOID	VOID
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15	1.35 0.78	1.56 0.90	1.59 0.92		
Acetylene	0.11	1.37 0.73	1.72 0.92	1.46 0.78		
Ethane	0.17	5.18 3.21	4.73 2.94	4.89 3.04		
Propylene	0.11	0.99 0.57	1.08 0.62	1.09 0.63		
Propane	0.19	4.26 2.58	5.33 3.23	4.14 2.51		
Propyne	0.19	ND ND	ND ND	ND ND		
Isobutane	0.14	1.03 0.62	1.14 0.68	1.13 0.68		
Isobutene/1-Butene	0.17	1.14 0.66	1.34 0.77	1.48 0.86		
1,3-Butadiene	0.17	ND ND	ND ND	ND ND		
n-Butane	0.17	2.49 1.49	2.92 1.75	2.75 1.65		
trans-2-Butene	0.17	0.38 0.22	0.37 0.22	0.39 0.23		
cis-2-Butene	0.16	0.54 0.31	0.47 0.27	0.56 0.32		
3-Methyl-1-butene	0.16	ND ND	ND ND	ND ND		
Isopentane	0.19	3.12 1.85	6.59 3.92	4.03 2.40		
1-Pentene	0.20	0.50 0.29	0.48 0.28	0.50 0.29		
2-Methyl-1-butene	0.20	0.17 U 0.10	0.18 U 0.10	0.25 0.15		
n-Pentane	0.19	1.27 0.75	1.79 1.07	1.91 1.14		
Isoprene	0.20	0.83 0.47	1.38 0.77	1.51 0.85		
trans-2-Pentene	0.21	0.58 0.35	0.51 0.30	0.44 0.26		
cis-2-Pentene	0.22	0.53 0.31	0.48 0.29	0.49 0.29		
2-Methyl-2-butene	0.22	0.16 U 0.09	0.17 U 0.10	0.20 U 0.12		
2,2-Dimethylbutane	0.20	0.65 0.38	0.64 0.38	0.73 0.43		
Cyclopentene	0.20	ND ND	0.29 0.16	0.20 U 0.11		
4-Methyl-1-pentene	0.20	ND ND	0.29 U 0.17	ND ND		
Cyclopentane	0.20	0.51 0.30	0.57 0.33	0.56 0.33		
2,3-Dimethylbutane	0.20	0.81 0.48	0.87 0.51	0.88 0.52		
2-Methylpentane	0.13	0.87 0.51	0.84 0.50	0.96 0.57		
3-Methylpentane	0.22	0.91 0.54	1.04 0.62	1.06 0.63		
2-Methyl-1-pentene	0.22	ND ND	ND ND	ND ND		
1-Hexene	0.32	0.91 0.54	1.04 0.62	0.80 0.47		
2-Ethyl-1-butene	0.22	ND ND	ND ND	ND ND		
n-Hexane	0.21	0.83 0.49	0.82 0.48	0.87 0.51		
trans-2-Hexene	0.21	ND ND	ND ND	ND ND		
cis-2-Hexene	0.21	ND ND	ND ND	ND ND		
Methylcyclopentane	0.21	0.54 0.31	0.62 0.36	0.65 0.37		
2,4-Dimethylpentane	0.22	0.67 0.34	0.70 0.35	0.74 0.37		
Benzene	0.18	1.55 0.83	1.56 0.84	1.57 0.84		
Cyclohexane	0.16	0.79 0.46	1.40 0.81	1.03 0.60		
2-Methylhexane	0.21	0.90 0.53	0.93 0.55	0.45 0.27		
2,3-Dimethylpentane	0.28	0.93 0.55	1.00 0.59	0.88 0.52		
3-Methylhexane	0.17	0.41 0.24	0.41 0.24	0.42 0.25		
1-Heptene	0.17	ND ND	ND ND	ND ND		
2,2,4-Trimethylpentane	0.19	1.00 0.59	2.35 1.38	0.90 0.53		
n-Heptane	0.23	0.53 0.31	0.64 0.38	0.56 0.33		
Methylcyclohexane	0.25	0.45 0.26	0.54 0.31	0.54 0.31		
2,2,3-Trimethylpentane	0.25	ND ND	0.25 0.15	ND ND		
2,3,4-Trimethylpentane	0.20	0.51 0.30	0.60 0.35	0.54 0.32		
Toluene	0.20	1.94 1.06	4.84 2.63	2.56 1.39		
2-Methylheptane	0.17	0.35 0.20	0.47 0.28	0.35 0.21		
3-Methylheptane	0.20	0.44 0.26	0.37 0.22	0.38 0.22		
1-Octene	0.20	ND ND	ND ND	ND ND		
n-Octane	0.21	0.49 0.29	0.59 0.35	0.45 0.27		
Ethylbenzene	0.21	0.52 0.31	0.80 0.48	0.62 0.37		
m-Xylene/p-Xylene	0.16	1.21 0.66	1.74 0.95	1.45 0.79		
Styrene	0.20	0.38 0.20	1.04 0.56	0.45 0.24		
o-Xylene	0.19	0.45 0.25	0.80 0.44	0.59 0.32		
1-Nonene	0.19	ND ND	ND ND	ND ND		
n-Nonane	0.11	0.26 0.15	0.41 0.24	0.36 0.21		
Isopropylbenzene	0.18	0.37 0.20	0.38 0.21	0.40 0.22		
a-Pinene	0.18	ND ND	ND ND	ND ND		
n-Propylbenzene	0.21	0.30 0.16	0.42 0.23	0.57 0.31		
m-Ethyltoluene	0.15	0.48 0.27	0.74 0.41	0.51 0.28		
p-Ethyltoluene	0.19	0.61 0.33	0.61 0.34	0.95 0.52		
1,3,5-Trimethylbenzene	0.18	0.23 0.13	0.36 0.20	0.40 0.22		
o-Ethyltoluene	0.22	0.38 0.21	0.44 0.24	0.63 0.35		
b-Pinene	0.22	ND ND	ND ND	ND ND		
1,2,4-Trimethylbenzene	0.21	0.53 0.29	0.60 0.33	0.68 0.37		
1-Decene	0.21	ND ND	ND ND	ND ND		
n-Decane	0.25	1.01 0.59	2.78 1.63	1.30 0.76		
1,2,3-Trimethylbenzene	0.19	0.28 0.16	0.50 0.27	0.90 0.50		
m-Diethylbenzene	0.20	0.27 0.15	0.54 0.30	0.81 0.45		
p-Diethylbenzene	0.22	0.45 0.25	1.06 0.58	1.12 0.62		
1-Undecene	0.22	ND ND	0.31 0.18	0.52 0.30		
n-Undecane	0.24	1.75 1.02	2.72 1.59	3.65 2.14		
1-Dodecene	0.24	ND ND	ND ND	0.17 U 0.10		
n-Dodecane	0.49	0.40 U 0.23	0.47 U 0.28	0.42 U 0.25		
1-Tridecene	0.49	ND ND	ND ND	ND ND		
n-Tridecane	0.49	ND ND	ND ND	ND ND		
TNMOC (speciated)		52.72 30.75	72.63 42.17	63.38 36.80		
TNMOC, ppbC (w/ unknowns)		97.15 97.15	149.55 149.55	151.87 151.87		

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SFSD 33379	SFSD 33411	SFSD 33508	SFSD 33580	SFSD 33677
Sampling Date:		5/21/2003	5/27/2003	6/3/2003	6/8/2003	6/14/2003
Analysis Date:		6/17/2003	6/18/2003	6/24/2003	6/25/2003	6/26/2003
Filename:		L3FQ009	L3FQ023	L3FX015	L3FX020	L3FZ010
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15	2.17 1.25	1.64 0.95	1.59 0.92	1.87 1.08	1.92 1.11
Acetylene	0.11	1.36 0.73	1.44 0.77	1.80 0.96	1.40 0.75	1.42 0.76
Ethane	0.17	4.93 3.06	5.21 3.23	4.97 3.08	4.49 2.78	4.22 2.62
Propylene	0.11	1.59 0.92	1.15 0.67	1.11 0.64	1.19 0.69	1.16 0.67
Propane	0.19	9.02 5.47	5.01 3.04	4.40 2.67	3.55 2.15	5.56 3.37
Propyne	0.19	ND ND	ND ND	ND ND	ND ND	ND ND
Isobutane	0.14	1.90 1.14	1.71 1.02	1.49 0.90	1.01 0.61	1.24 0.74
Isobutene/1-Butene	0.17	2.45 1.41	2.02 1.17	0.50 0.29	1.39 0.80	1.17 0.68
1,3-Butadiene	0.17	ND ND	ND ND	ND ND	ND ND	0.21 0.12
n-Butane	0.17	5.62 3.37	4.15 2.49	2.31 1.38	2.50 1.50	4.29 2.57
trans-2-Butene	0.17	0.33 0.19	0.41 0.24	0.38 0.22	0.35 0.20	0.37 0.21
cis-2-Butene	0.16	0.55 0.32	0.57 0.33	0.47 0.27	0.58 0.33	0.52 0.30
3-Methyl-1-butene	0.16	ND ND	ND ND	ND ND	ND ND	ND ND
Isopentane	0.19	27.03 16.09	7.92 4.71	3.77 2.24	5.26 3.13	7.29 4.34
1-Pentene	0.20	0.61 0.36	0.55 0.32	0.61 0.35	0.54 0.31	0.49 0.28
2-Methyl-1-butene	0.20	0.27 0.16	0.30 0.17	0.23 0.13	0.28 0.16	0.28 0.16
n-Pentane	0.19	4.14 2.47	2.34 1.39	1.29 0.77	1.58 0.94	2.08 1.24
Isoprene	0.20	3.15 1.77	1.64 0.92	1.57 0.88	1.34 0.76	1.51 0.85
trans-2-Pentene	0.21	0.46 0.27	0.60 0.35	0.42 0.25	0.53 0.32	0.55 0.33
cis-2-Pentene	0.22	0.54 0.32	0.54 0.32	0.52 0.31	0.55 0.33	0.57 0.34
2-Methyl-2-butene	0.22	0.21 U 0.12	0.20 U 0.12	0.14 U 0.08	0.27 0.15	0.18 U 0.10
2,2-Dimethylbutane	0.20	0.99 0.58	0.83 0.49	0.67 0.40	0.73 0.43	0.83 0.49
Cyclopentene	0.20	0.54 0.30	0.18 U 0.10	0.25 0.14	0.30 0.17	0.15 U 0.08
4-Methyl-1-pentene	0.20	1.04 0.60	ND ND	0.24 U 0.14	0.47 0.27	0.19 U 0.11
Cyclopentane	0.20	1.01 0.58	0.66 0.38	0.59 0.34	0.70 0.41	0.70 0.40
2,3-Dimethylbutane	0.20	1.41 0.83	1.01 0.60	0.83 0.49	0.97 0.58	0.99 0.58
2-Methylpentane	0.13	3.73 2.21	1.43 0.85	0.87 0.52	1.17 0.70	1.31 0.77
3-Methylpentane	0.22	3.40 2.01	1.97 1.17	1.71 1.02	2.10 1.24	2.21 1.31
2-Methyl-1-pentene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
1-Hexene	0.32	1.22 0.72	0.93 0.55	0.91 0.54	1.06 0.63	0.88 0.52
2-Ethyl-1-butene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
n-Hexane	0.21	1.20 0.71	1.07 0.63	0.87 0.52	0.87 0.51	1.30 0.77
trans-2-Hexene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
cis-2-Hexene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
Methylcyclopentane	0.21	0.75 0.43	0.82 0.47	0.65 0.38	0.70 0.41	0.81 0.47
2,4-Dimethylpentane	0.22	0.72 0.36	0.76 0.39	0.67 0.34	0.66 0.33	0.75 0.38
Benzene	0.18	1.77 0.95	1.81 0.97	1.76 0.95	1.82 0.98	1.72 0.92
Cyclohexane	0.16	1.55 0.89	1.27 0.73	1.17 0.68	1.17 0.68	1.18 0.68
2-Methylhexane	0.21	1.16 0.69	1.12 0.66	0.95 0.56	0.99 0.59	1.06 0.63
2,3-Dimethylpentane	0.28	1.32 0.78	1.19 0.70	1.11 0.66	1.07 0.63	1.18 0.70
3-Methylhexane	0.17	ND ND	0.68 0.40	0.93 0.55	1.73 1.02	0.57 0.34
1-Heptene	0.17	ND ND	ND ND	ND ND	ND ND	ND ND
2,2,4-Trimethylpentane	0.19	4.36 2.57	1.50 0.88	0.98 0.58	1.30 0.77	1.26 0.74
n-Heptane	0.23	1.23 0.73	0.85 0.50	0.65 0.39	0.64 0.38	0.71 0.42
Methylcyclohexane	0.25	0.77 0.44	0.61 0.35	0.62 0.36	0.44 0.25	0.59 0.34
2,2,3-Trimethylpentane	0.25	0.46 0.27	ND ND	ND ND	0.15 U 0.09	0.23 0.13
2,3,4-Trimethylpentane	0.20	0.72 0.42	0.61 0.36	0.50 0.29	0.52 0.30	0.58 0.34
Toluene	0.20	13.85 7.52	4.70 2.55	3.41 1.85	3.10 1.68	4.44 2.41
2-Methylheptane	0.17	0.77 0.45	0.49 0.29	0.49 0.29	0.48 0.28	0.63 0.37
3-Methylheptane	0.20	0.64 0.38	0.56 0.33	0.43 0.25	0.50 0.29	0.60 0.35
1-Octene	0.20	ND ND	ND ND	ND ND	ND ND	ND ND
n-Octane	0.21	1.34 0.79	0.69 0.40	0.51 0.30	0.45 0.27	0.62 0.37
Ethylbenzene	0.21	2.23 1.33	1.23 0.74	0.94 0.56	0.84 0.50	1.61 0.96
m-Xylene/p-Xylene	0.16	4.72 2.58	2.82 1.54	2.00 1.09	2.07 1.13	4.01 2.19
Styrene	0.20	4.81 2.58	0.97 0.52	0.44 0.24	0.42 0.23	0.86 0.46
o-Xylene	0.19	1.91 1.05	1.05 0.57	0.69 0.38	0.71 0.39	1.31 0.72
1-Nonene	0.19	0.44 0.25	ND ND	ND ND	0.18 U 0.10	0.15 U 0.09
n-Nonane	0.11	1.47 0.86	0.57 0.34	0.35 0.21	0.36 0.21	0.52 0.31
Isopropylbenzene	0.18	0.88 0.48	0.45 0.25	0.32 0.18	0.39 0.21	0.44 0.24
a-Pinene	0.18	3.92 2.20	ND ND	ND ND	ND ND	0.48 0.27
n-Propylbenzene	0.21	0.93 0.51	0.63 0.35	0.51 0.28	0.66 0.36	0.50 0.28
m-Ethyltoluene	0.15	1.41 0.77	1.03 0.57	0.64 0.35	0.73 0.40	0.92 0.51
p-Ethyltoluene	0.19	1.20 0.66	1.06 0.58	0.77 0.42	0.84 0.46	0.91 0.50
1,3,5-Trimethylbenzene	0.18	0.48 0.26	0.34 0.19	0.35 0.20	0.31 0.17	0.37 0.20
o-Ethyltoluene	0.22	0.90 0.49	0.52 0.29	0.45 0.25	0.54 0.30	0.75 0.41
b-Pinene	0.22	1.55 0.87	ND ND	ND ND	ND ND	ND ND
1,2,4-Trimethylbenzene	0.21	1.56 0.86	0.86 0.47	0.79 0.44	0.95 0.52	1.07 0.59
1-Decene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
n-Decane	0.25	5.80 3.41	0.75 0.44	0.31 0.18	0.47 0.28	0.60 0.35
1,2,3-Trimethylbenzene	0.19	0.60 0.33	0.83 0.45	0.93 0.51	0.90 0.50	0.48 0.26
m-Diethylbenzene	0.20	2.42 1.34	0.73 0.40	0.66 0.37	0.80 0.44	0.66 0.37
p-Diethylbenzene	0.22	0.63 0.35	0.67 0.37	0.43 0.24	0.76 0.42	0.49 0.27
1-Undecene	0.22	0.47 0.27	0.48 0.27	0.48 0.28	0.53 0.30	0.67 0.39
n-Undecane	0.24	6.58 3.86	2.56 1.50	1.86 1.09	2.14 1.25	3.29 1.93
1-Dodecene	0.24	0.67 0.39	0.31 U 0.18	0.20 U 0.12	0.27 U 0.15	0.36 U 0.21
n-Dodecane	0.49	3.83 2.24	0.81 0.48	0.70 0.41	0.60 0.35	0.73 0.43
1-Tridecene	0.49	ND ND	ND ND	ND ND	ND ND	ND ND
n-Tridecane	0.49	ND ND	ND ND	ND ND	ND ND	0.23 U 0.13
TNMOC (speciated)		161.61 93.62	81.79 47.50	63.16 36.65	68.20 39.58	81.88 47.50
TNMOC, ppbC (w/ unknowns)		368.46 368.46	173.52 173.52	147.59 147.59	168.88 168.88	161.31 161.31

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 33842	SFSD 34013 D1	SFSD 34013 R1	SFSD 34015 D2	SFSD 34015 R2
Sampling Date:		6/20/2003	6/26/2003	6/26/2003	6/26/2003	6/26/2003
Analysis Date:		6/26/2003	7/21/2003	7/23/2003	7/22/2003	7/23/2003
Filename:		L3FZ008	L3GU012	L3GW011	L3GU013	L3GW012
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15	1.21 0.70	2.34 1.35	2.81 1.63	3.53 2.04	3.77 2.18
Acetylene	0.11	0.93 0.50	2.46 1.32	2.16 1.16	2.36 1.27	2.01 1.08
Ethane	0.17	3.19 1.98	6.98 4.33	6.48 4.02	7.06 4.38	6.32 3.92
Propylene	0.11	0.97 0.56	1.71 0.99	1.46 0.84	2.28 1.32	1.93 1.12
Propane	0.19	2.69 1.63	20.38 12.36	19.24 11.66	7.70 4.67	6.79 4.12
Propyne	0.19	ND ND	ND ND	ND ND	ND ND	ND ND
Isobutane	0.14	0.73 0.44	10.53 6.31	9.95 5.97	5.17 3.10	4.51 2.70
Isobutene/1-Butene	0.17	1.16 0.67	2.05 1.18	1.73 1.00	2.73 1.58	2.34 1.35
1,3-Butadiene	0.17	ND ND	0.19 0.11	0.21 0.12	0.20 0.11	0.22 0.12
n-Butane	0.17	1.51 0.90	9.51 5.70	8.81 5.28	6.05 3.63	5.27 3.16
trans-2-Butene	0.17	0.40 0.23	1.01 0.59	0.73 0.42	ND ND	0.39 0.23
cis-2-Butene	0.16	0.56 0.32	1.09 0.63	0.74 0.43	0.90 0.52	0.46 0.27
3-Methyl-1-butene	0.16	ND ND	0.21 U 0.12	0.20 U 0.11	0.18 U 0.10	0.19 U 0.11
Isopentane	0.19	2.78 1.65	66.24 39.43	64.05 38.13	65.74 39.14	64.94 38.66
1-Pentene	0.20	0.49 0.28	2.40 1.39	2.09 1.21	1.66 0.96	1.38 0.80
2-Methyl-1-butene	0.20	0.18 U 0.10	1.15 0.66	1.48 0.86	1.04 0.60	0.62 0.36
n-Pentane	0.19	1.06 0.63	37.69 22.44	36.02 21.44	27.61 16.44	25.19 14.99
Isoprene	0.20	1.64 0.92	4.48 2.52	4.22 2.37	2.51 1.41	2.07 1.16
trans-2-Pentene	0.21	0.51 0.30	2.31 1.37	1.99 1.18	1.22 0.73	0.94 0.56
cis-2-Pentene	0.22	0.49 0.29	1.31 0.78	0.97 0.58	0.89 0.53	0.49 0.29
2-Methyl-2-butene	0.22	0.15 U 0.09	2.30 1.33	2.14 1.24	0.78 0.45	0.72 0.41
2,2-Dimethylbutane	0.20	0.67 0.40	2.24 1.32	1.74 1.03	1.83 1.08	1.25 0.74
Cyclopentene	0.20	0.25 0.14	0.57 0.32	0.53 0.30	0.34 0.19	0.34 0.19
4-Methyl-1-pentene	0.20	0.18 U 0.10	0.67 0.39	0.70 0.40	1.13 0.65	1.21 0.70
Cyclopentane	0.20	0.59 0.34	6.37 3.68	5.92 3.42	2.17 1.26	1.86 1.08
2,3-Dimethylbutane	0.20	0.79 0.47	2.28 1.35	1.62 0.96	1.99 1.18	1.29 0.77
2-Methylpentane	0.13	0.72 0.42	6.65 3.94	6.27 3.72	4.79 2.84	4.19 2.49
3-Methylpentane	0.22	1.89 1.12	5.62 3.33	3.86 2.28	3.45 2.04	3.06 1.81
2-Methyl-1-pentene	0.22	ND ND	0.25 U 0.15	0.27 U 0.16	ND ND	0.21 U 0.13
1-Hexene	0.32	0.98 0.58	1.12 0.66	0.52 U 0.31	1.62 0.96	0.64 0.38
2-Ethyl-1-butene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
n-Hexane	0.21	0.73 0.43	5.06 3.00	4.73 2.80	3.09 1.83	2.53 1.50
trans-2-Hexene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
cis-2-Hexene	0.21	ND ND	0.22 U 0.13	ND ND	0.11 U 0.06	ND ND
Methylcyclopentane	0.21	0.58 0.34	3.12 1.81	2.84 1.64	2.21 1.28	1.78 1.03
2,4-Dimethylpentane	0.22	0.69 0.35	1.34 0.68	0.93 0.47	1.21 0.61	0.62 0.32
Benzene	0.18	1.31 0.70	12.19 6.55	11.92 6.40	11.06 5.94	9.49 5.10
Cyclohexane	0.16	1.08 0.63	6.92 4.00	6.61 3.83	8.44 4.89	7.35 4.26
2-Methylhexane	0.21	0.90 0.53	1.84 1.09	3.31 1.96	2.67 1.58	2.59 1.53
2,3-Dimethylpentane	0.28	1.02 0.60	2.30 1.36	2.38 1.40	1.01 0.59	1.88 1.11
3-Methylhexane	0.17	0.85 0.50	ND ND	ND ND	ND ND	ND ND
1-Heptene	0.17	ND ND	0.39 0.23	0.51 0.30	0.51 0.29	0.34 0.20
2,2,4-Trimethylpentane	0.19	0.73 0.43	3.10 1.83	2.76 1.63	3.16 1.86	2.38 1.40
n-Heptane	0.23	0.60 0.35	2.80 1.65	2.67 1.58	3.11 1.84	2.25 1.33
Methylcyclohexane	0.25	0.57 0.33	0.79 0.46	1.50 0.87	1.85 1.07	1.38 0.80
2,2,3-Trimethylpentane	0.25	ND ND	0.48 0.28	0.56 0.33	0.57 0.34	0.50 0.30
2,3,4-Trimethylpentane	0.20	0.52 0.30	1.26 0.74	0.96 0.56	1.10 0.65	0.83 0.49
Toluene	0.20	2.77 1.50	47.24 25.65	46.76 25.39	41.89 22.75	35.14 19.08
2-Methylheptane	0.17	0.49 0.29	1.39 0.82	1.15 0.68	1.53 0.90	1.12 0.66
3-Methylheptane	0.20	0.42 0.25	1.35 0.79	1.35 0.80	1.75 1.03	1.33 0.78
1-Octene	0.20	ND ND	0.12 U 0.07	ND ND	0.13 U 0.08	ND ND
n-Octane	0.21	0.51 0.30	1.92 1.13	1.59 0.94	2.22 1.31	1.66 0.98
Ethylbenzene	0.21	0.87 0.52	4.90 2.94	4.66 2.79	4.60 2.76	3.22 1.93
m-Xylene/p-Xylene	0.16	2.07 1.13	11.32 6.20	10.96 6.00	0.49 0.27	5.78 3.16
Styrene	0.20	0.51 0.28	1.76 0.95	1.77 0.95	1.20 0.64	0.68 0.37
o-Xylene	0.19	0.63 0.34	4.34 2.38	4.18 2.29	3.66 2.00	2.59 1.42
1-Nonene	0.19	ND ND	ND ND	0.13 U 0.08	ND ND	0.14 U 0.08
n-Nonane	0.11	0.34 0.20	1.03 0.60	0.91 0.54	1.24 0.73	0.64 0.38
Isopropylbenzene	0.18	0.37 0.20	0.40 0.22	0.41 0.22	0.61 0.34	0.35 0.20
a-Pinene	0.18	ND ND	2.63 1.48	2.51 1.41	0.66 0.37	0.59 0.33
n-Propylbenzene	0.21	0.56 0.31	0.87 0.48	0.82 0.45	0.96 0.53	0.58 0.32
m-Ethyltoluene	0.15	0.71 0.39	2.18 1.20	1.99 1.10	1.53 0.84	1.06 0.59
p-Ethyltoluene	0.19	0.78 0.43	1.31 0.72	1.11 0.61	1.13 0.62	0.71 0.39
1,3,5-Trimethylbenzene	0.18	0.43 0.24	1.04 0.57	1.01 0.56	1.14 0.63	0.59 0.33
o-Ethyltoluene	0.22	0.67 0.37	1.26 0.69	1.00 0.55	1.11 0.61	0.75 0.41
b-Pinene	0.22	ND ND	0.73 0.41	0.70 0.39	ND ND	0.21 U 0.12
1,2,4-Trimethylbenzene	0.21	0.79 0.44	2.82 1.55	3.19 1.76	1.96 1.08	1.68 0.93
1-Decene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
n-Decane	0.25	0.56 0.33	2.73 1.60	2.46 1.44	NR NR	1.85 1.09
1,2,3-Trimethylbenzene	0.19	0.77 0.43	0.72 0.39	0.72 0.40	0.68 0.37	0.54 0.29
m-Diethylbenzene	0.20	0.68 0.38	0.53 0.29	0.46 0.25	0.53 0.29	0.30 0.17
p-Diethylbenzene	0.22	1.41 0.78	0.38 0.21	0.32 0.17	0.35 0.20	0.25 0.14
1-Undecene	0.22	0.40 0.23	ND ND	0.19 U 0.11	ND ND	0.25 0.14
n-Undecane	0.24	1.95 1.14	5.43 3.18	5.88 3.45	2.63 1.54	2.27 1.33
1-Dodecene	0.24	0.15 U 0.09	0.42 U 0.24	0.25 U 0.15	ND ND	ND ND
n-Dodecane	0.49	0.66 0.39	6.11 3.58	4.94 2.89	1.22 0.71	0.99 0.58
1-Tridecene	0.49	ND ND	ND ND	ND ND	ND ND	ND ND
n-Tridecane	0.49	ND ND	1.74 1.02	0.98 0.57	ND ND	ND ND
TNMOC (speciated)		55.79 32.24	350.50 203.21	332.96 192.94	270.19 156.58	243.78 141.39
TNMOC, ppbC (w/ unknowns)		145.04 145.04	468.68 468.68	438.92 438.92	444.03 444.03	360.18 360.18

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 34183	SFSD 34238	SFSD 34372 D1	SFSD 34372 R1	SFSD 34374 D2
Sampling Date:		7/22/2003	7/8/2003	7/14/2003	7/14/2003	7/14/2003
Analysis Date:		7/22/2003	7/22/2003	7/24/2003	8/1/2003	7/24/2003
Filename:		L3GU017	L3GU023	L3GW020	L3HA011	L3GW021
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15	1.37 0.79	1.43 0.83	1.20 0.69	1.20 0.69	1.34 0.77
Acetylene	0.11	1.32 0.71	1.05 0.56	0.77 0.41	0.83 0.45	0.81 0.44
Ethane	0.17	6.10 3.78	3.57 2.21	3.75 2.32	3.82 2.37	3.85 2.39
Propylene	0.11	1.00 0.58	1.10 0.64	0.56 0.32	0.56 0.33	0.78 0.45
Propane	0.19	5.17 3.13	3.53 2.14	6.89 4.18	7.22 4.38	7.21 4.37
Propyne	0.19	ND ND	ND ND	ND ND	ND ND	ND ND
Isobutane	0.14	1.26 0.76	1.20 0.72	2.43 1.46	2.55 1.53	10.48 6.28
Isobutene/1-Butene	0.17	0.80 0.46	1.35 0.78	0.93 0.54	1.00 0.58	1.36 0.79
1,3-Butadiene	0.17	ND ND	0.12 U 0.07	ND ND	ND ND	ND ND
n-Butane	0.17	2.82 1.69	2.66 1.59	5.40 3.24	5.67 3.40	6.63 3.97
trans-2-Butene	0.17	0.52 0.30	0.51 0.30	0.12 U 0.07	ND ND	0.15 U 0.09
cis-2-Butene	0.16	0.72 0.42	0.78 0.45	0.12 U 0.07	ND ND	0.13 U 0.08
3-Methyl-1-butene	0.16	ND ND	ND ND	ND ND	ND ND	ND ND
Isopentane	0.19	5.52 3.29	5.54 3.30	14.27 8.50	15.17 9.03	19.03 11.33
1-Pentene	0.20	0.63 0.37	0.67 0.39	0.26 0.15	0.28 0.16	0.63 0.36
2-Methyl-1-butene	0.20	0.23 0.13	0.23 0.13	0.24 0.14	0.22 U 0.13	0.28 0.16
n-Pentane	0.19	1.82 1.08	1.71 1.02	5.49 3.27	5.63 3.35	22.76 13.55
Isoprene	0.20	2.65 1.49	1.74 0.98	1.12 0.63	1.09 0.61	1.38 0.77
trans-2-Pentene	0.21	0.56 0.33	0.68 0.40	0.29 0.17	0.29 0.17	0.27 0.16
cis-2-Pentene	0.22	0.69 0.41	0.68 0.40	0.12 U 0.07	0.12 U 0.07	0.12 U 0.07
2-Methyl-2-butene	0.22	0.23 0.13	0.31 0.18	0.21 U 0.12	0.21 U 0.12	0.37 0.21
2,2-Dimethylbutane	0.20	0.92 0.54	0.93 0.55	0.31 0.18	0.33 0.20	0.54 0.32
Cyclopentene	0.20	0.18 U 0.10	0.28 0.16	ND ND	ND ND	0.20 U 0.11
4-Methyl-1-pentene	0.20	0.22 U 0.13	0.25 U 0.14	0.28 U 0.16	0.32 U 0.18	0.32 U 0.18
Cyclopentane	0.20	0.64 0.37	0.58 0.34	1.15 0.66	1.24 0.72	5.75 3.33
2,3-Dimethylbutane	0.20	1.14 0.68	1.08 0.64	0.30 0.18	0.31 0.19	0.37 0.22
2-Methylpentane	0.13	1.18 0.70	1.05 0.62	1.02 0.60	1.07 0.63	1.35 0.80
3-Methylpentane	0.22	1.37 0.81	1.40 0.83	0.57 0.34	1.25 0.74	1.73 1.03
2-Methyl-1-pentene	0.22	ND ND	ND ND	0.11 U 0.06	0.14 U 0.08	ND ND
1-Hexene	0.32	1.10 0.65	1.15 0.68	0.12 U 0.07	0.16 U 0.09	0.13 U 0.08
2-Ethyl-1-butene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
n-Hexane	0.21	1.02 0.60	0.98 0.58	0.74 0.44	0.78 0.46	1.19 0.71
trans-2-Hexene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
cis-2-Hexene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
Methylcyclopentane	0.21	0.73 0.42	0.76 0.44	0.44 0.25	0.46 0.27	0.65 0.38
2,4-Dimethylpentane	0.22	0.88 0.45	0.90 0.46	0.18 U 0.09	0.19 U 0.10	0.22 0.11
Benzene	0.18	1.50 0.80	1.46 0.78	1.00 0.54	1.07 0.58	1.22 0.65
Cyclohexane	0.16	0.97 0.56	1.14 0.66	0.42 0.24	0.41 0.24	0.59 0.34
2-Methylhexane	0.21	1.37 0.81	1.20 0.71	1.06 0.62	0.55 0.32	0.22 0.13
2,3-Dimethylpentane	0.28	1.40 0.83	1.39 0.82	0.87 0.51	0.51 0.30	0.31 0.18
3-Methylhexane	0.17	0.32 0.19	0.97 0.57	ND ND	ND ND	ND ND
1-Heptene	0.17	ND ND	ND ND	ND ND	ND ND	ND ND
2,2,4-Trimethylpentane	0.19	1.27 0.75	1.10 0.65	7.85 4.63	8.40 4.95	6.98 4.11
n-Heptane	0.23	0.87 0.51	0.70 0.41	0.35 0.21	0.37 0.22	0.39 0.23
Methylcyclohexane	0.25	0.70 0.41	0.71 0.41	0.16 U 0.09	0.16 U 0.09	0.22 U 0.13
2,2,3-Trimethylpentane	0.25	ND ND	ND ND	0.61 0.36	0.69 0.40	0.64 0.37
2,3,4-Trimethylpentane	0.20	0.56 0.33	0.59 0.35	0.61 0.36	0.64 0.37	0.75 0.44
Toluene	0.20	3.88 2.11	3.56 1.93	9.48 5.15	10.59 5.75	14.21 7.72
2-Methylheptane	0.17	0.58 0.34	0.63 0.37	0.16 U 0.09	0.19 0.11	0.15 U 0.09
3-Methylheptane	0.20	0.46 0.27	0.51 0.30	0.16 U 0.10	0.17 U 0.10	0.19 U 0.11
1-Octene	0.20	ND ND	ND ND	ND ND	ND ND	ND ND
n-Octane	0.21	0.56 0.33	0.60 0.35	0.49 0.29	0.55 0.32	0.55 0.33
Ethylbenzene	0.21	0.64 0.38	0.64 0.38	1.15 0.69	1.10 0.66	1.07 0.64
m-Xylene/p-Xylene	0.16	1.34 0.73	1.49 0.82	2.22 1.21	2.58 1.41	3.05 1.67
Styrene	0.20	0.48 0.26	0.69 0.37	2.05 1.10	2.66 1.43	2.23 1.20
o-Xylene	0.19	0.59 0.32	0.66 0.36	0.81 0.44	0.99 0.54	1.02 0.56
1-Nonene	0.19	ND ND	ND ND	0.14 U 0.08	0.14 U 0.08	ND ND
n-Nonane	0.11	0.44 0.26	0.52 0.30	0.59 0.35	0.74 0.43	1.30 0.76
Isopropylbenzene	0.18	0.34 0.19	0.51 0.28	0.30 0.17	0.26 0.14	0.27 0.15
a-Pinene	0.18	0.65 0.37	0.72 0.41	2.24 1.26	2.43 1.37	1.90 1.07
n-Propylbenzene	0.21	0.52 0.28	0.58 0.32	0.37 0.20	0.48 0.27	0.35 0.19
m-Ethyltoluene	0.15	0.53 0.29	0.77 0.43	0.56 0.31	0.74 0.41	0.76 0.42
p-Ethyltoluene	0.19	0.78 0.43	0.98 0.54	0.44 0.24	0.45 0.25	0.81 0.45
1,3,5-Trimethylbenzene	0.18	0.35 0.19	0.44 0.24	0.23 0.13	0.20 0.11	0.53 0.29
o-Ethyltoluene	0.22	0.50 0.28	0.74 0.41	0.54 0.29	0.65 0.36	0.95 0.52
b-Pinene	0.22	ND ND	ND ND	1.12 0.63	1.24 0.70	1.20 0.67
1,2,4-Trimethylbenzene	0.21	0.83 0.46	0.86 0.47	0.60 0.33	0.79 0.43	1.03 0.57
1-Decene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
n-Decane	0.25	NR NR	0.56 0.33	0.55 0.32	0.66 0.39	1.02 0.60
1,2,3-Trimethylbenzene	0.19	0.97 0.54	1.02 0.56	0.28 0.15	0.61 0.34	0.41 0.22
m-Diethylbenzene	0.20	0.55 0.31	0.75 0.41	0.16 U 0.09	0.24 0.13	0.31 0.17
p-Diethylbenzene	0.22	0.54 0.30	0.70 0.38	ND ND	0.43 0.24	0.57 0.32
1-Undecene	0.22	0.36 0.21	0.41 0.24	0.14 U 0.08	0.15 U 0.09	0.22 U 0.13
n-Undecane	0.24	1.17 0.68	3.24 1.90	1.33 0.78	1.74 1.02	2.12 1.24
1-Dodecene	0.24	ND ND	ND ND	ND ND	ND ND	ND ND
n-Dodecane	0.49	0.64 0.37	1.31 0.77	0.54 0.32	0.55 0.32	0.74 0.43
1-Tridecene	0.49	ND ND	ND ND	ND ND	ND ND	ND ND
n-Tridecane	0.49	ND ND	0.38 U 0.22	0.14 U 0.08	0.20 U 0.12	ND ND
TNMOC (speciated)		69.40 40.37	70.68 40.97	89.06 51.83	96.40 56.00	138.27 80.61
TNMOC, ppbC (w/ unknowns)		133.81 133.81	165.72 165.72	166.78 166.78	215.20 215.20	258.36 258.36

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SFSD 34374 R2		SFSD 34541		SFSD 34660		SFSD 34778		SFSD 34890	
Sampling Date:		7/14/2003		7/20/2003		7/26/2003		8/1/2003		8/7/2003	
Analysis Date:		8/1/2003		7/24/2003		8/21/2003		9/5/2003		9/5/2003	
Filename:		L3HA012		L3GW015		L3HT017		L3ID019		L3ID010	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.35	0.78	1.21	0.70	1.79	1.03	2.05	1.18	2.01	1.16
Acetylene	0.11	0.92	0.49	0.80	0.43	0.92	0.49	1.72	0.92	1.63	0.88
Ethane	0.17	3.80	2.36	3.01	1.87	8.09	5.02	3.49	2.17	3.36	2.09
Propylene	0.11	0.81	0.47	0.83	0.48	1.30	0.75	1.44	0.83	1.38	0.80
Propane	0.19	7.18	4.36	3.19	1.94	7.45	4.52	4.20	2.54	4.17	2.53
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	10.51	6.30	0.57	0.34	1.53	0.92	1.23	0.73	1.20	0.72
Isobutene/1-Butene	0.17	1.37	0.79	1.18	0.68	1.88	1.09	1.41	0.82	1.68	0.97
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	0.17	U 0.09	0.15	U 0.08
n-Butane	0.17	6.68	4.01	1.40	0.84	3.37	2.02	2.66	1.60	2.72	1.63
trans-2-Butene	0.17	ND	ND	ND	ND	0.40	0.23	0.55	0.32	0.49	0.28
cis-2-Butene	0.16	0.11	U 0.07	ND	ND	0.47	0.27	0.65	0.37	0.86	0.50
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	19.31	11.49	3.31	1.97	22.99	13.69	14.54	8.66	15.23	9.07
1-Pentene	0.20	0.64	0.37	0.17	U 0.10	0.28	0.16	0.64	0.37	0.55	0.32
2-Methyl-1-butene	0.20	0.27	0.16	0.22	0.13	0.33	0.19	0.57	0.33	0.18	U 0.10
n-Pentane	0.19	22.84	13.60	0.98	0.59	2.47	1.47	3.38	2.01	2.63	1.57
Isoprene	0.20	1.42	0.80	1.47	0.83	1.40	0.78	1.21	0.68	1.42	0.80
trans-2-Pentene	0.21	0.34	0.20	0.20	U 0.12	0.45	0.27	0.66	0.39	0.90	0.53
cis-2-Pentene	0.22	0.14	U 0.09	ND	ND	0.37	0.22	0.57	0.34	0.53	0.32
2-Methyl-2-butene	0.22	0.29	0.17	0.22	U 0.13	0.26	0.15	0.43	0.25	0.43	0.25
2,2-Dimethylbutane	0.20	0.55	0.33	0.18	U 0.10	0.65	0.38	1.06	0.63	1.00	0.59
Cyclopentene	0.20	0.20	U 0.11	0.24	0.14	0.79	0.44	0.43	0.24	0.82	0.46
4-Methyl-1-pentene	0.20	0.30	U 0.17	0.21	U 0.12	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	5.76	3.33	0.23	0.13	0.37	0.22	0.62	0.36	0.58	0.33
2,3-Dimethylbutane	0.20	0.38	0.22	0.22	0.13	0.68	0.40	1.11	0.66	1.02	0.60
2-Methylpentane	0.13	1.38	0.82	0.71	0.42	2.52	1.49	2.92	1.73	2.38	1.41
3-Methylpentane	0.22	1.68	1.00	0.47	0.28	0.99	0.59	1.53	0.90	1.11	0.66
2-Methyl-1-pentene	0.22	0.12	U 0.07	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.15	U 0.09	0.18	U 0.11	0.44	0.26	0.85	0.50	0.97	0.57
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.17	0.69	0.47	0.28	0.86	0.51	1.65	0.98	1.67	0.99
trans-2-Hexene	0.21	0.16	U 0.09	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	0.26	U 0.15	ND	ND	0.17	U 0.10
Methylcyclopentane	0.21	0.61	0.36	0.26	0.15	0.58	0.33	0.99	0.57	1.04	0.60
2,4-Dimethylpentane	0.22	0.24	0.12	0.12	U 0.06	0.51	0.26	0.87	0.44	0.76	0.39
Benzene	0.18	1.21	0.65	1.02	0.55	1.41	0.76	1.97	1.06	1.94	1.04
Cyclohexane	0.16	0.63	0.37	0.29	0.17	0.55	0.32	1.06	0.61	0.91	0.53
2-Methylhexane	0.21	0.21	0.13	ND	ND	0.26	0.15	1.69	1.00	2.92	1.73
2,3-Dimethylpentane	0.28	0.52	0.30	ND	ND	0.72	0.42	1.34	0.79	1.58	0.93
3-Methylhexane	0.17	ND	ND	0.42	0.25	0.77	0.45	1.23	0.73	3.17	1.87
1-Heptene	0.17	ND	ND	ND	ND	0.27	U 0.15	0.41	0.23	0.56	0.32
2,2,4-Trimethylpentane	0.19	7.03	4.14	0.68	0.40	0.90	0.53	1.30	0.77	1.24	0.73
n-Heptane	0.23	0.39	0.23	0.19	U 0.11	0.39	0.23	1.64	0.97	2.20	1.30
Methylcyclohexane	0.25	0.26	0.15	ND	ND	0.33	0.19	2.50	1.45	0.88	0.51
2,2,3-Trimethylpentane	0.25	0.67	0.39	ND	ND	ND	ND	0.35	0.21	ND	ND
2,3,4-Trimethylpentane	0.20	0.77	0.45	0.14	U 0.08	0.42	0.25	0.57	0.34	0.51	0.30
Toluene	0.20	13.77	7.47	1.84	1.00	2.10	1.14	4.99	2.71	13.28	7.21
2-Methylheptane	0.17	0.22	0.13	0.13	U 0.07	0.21	0.12	1.36	0.80	0.37	0.22
3-Methylheptane	0.20	0.13	U 0.08	ND	ND	0.24	0.14	1.42	0.84	0.51	0.30
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.53	0.31	0.12	U 0.07	0.37	0.22	3.20	1.89	0.54	0.32
Ethylbenzene	0.21	1.07	0.64	0.32	0.19	0.35	0.21	0.79	0.47	0.99	0.59
m-Xylene/p-Xylene	0.16	3.10	1.70	0.78	0.43	0.87	0.48	3.06	1.68	3.01	1.65
Styrene	0.20	2.23	1.20	0.19	U 0.10	0.84	0.45	0.31	0.17	1.63	0.87
o-Xylene	0.19	1.14	0.62	0.26	0.14	0.42	0.23	0.98	0.54	1.09	0.60
1-Nonene	0.19	0.15	U 0.09	ND	ND	ND	ND	ND	ND	0.58	0.33
n-Nonane	0.11	1.49	0.87	0.11	U 0.06	0.21	0.12	1.20	0.71	0.48	0.28
Isopropylbenzene	0.18	0.22	0.12	ND	ND	ND	ND	0.41	0.22	0.41	0.23
a-Pinene	0.18	1.89	1.06	0.69	0.39	ND	ND	0.29	0.16	0.63	0.35
n-Propylbenzene	0.21	0.43	0.24	0.23	0.12	ND	ND	0.66	0.36	0.51	0.28
m-Ethyltoluene	0.15	0.73	0.40	0.42	0.23	0.66	0.36	1.05	0.58	1.00	0.55
p-Ethyltoluene	0.19	0.80	0.44	0.52	0.29	0.21	0.11	0.64	0.35	0.59	0.33
1,3,5-Trimethylbenzene	0.18	0.57	0.31	ND	ND	ND	ND	0.39	0.21	0.59	0.32
o-Ethyltoluene	0.22	0.80	0.44	0.53	0.29	0.41	0.23	0.59	0.32	0.60	0.33
o-Pinene	0.22	ND	ND	ND	ND	ND	ND	0.14	U 0.08	ND	ND
1,2,4-Trimethylbenzene	0.21	1.00	0.55	0.48	0.26	0.47	0.26	1.00	0.55	1.33	0.73
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.06	0.62	0.87	0.51	0.61	0.36	0.79	0.46	0.73	0.43
1,2,3-Trimethylbenzene	0.19	0.33	0.18	0.70	0.38	0.59	0.33	1.01	0.55	0.99	0.54
m-Diethylbenzene	0.20	0.28	0.16	0.40	0.22	1.26	0.69	0.82	0.45	1.39	0.77
p-Diethylbenzene	0.22	0.39	0.21	0.84	0.46	0.60	0.33	0.75	0.42	0.74	0.41
1-Undecene	0.22	0.19	U 0.11	0.42	0.24	0.34	0.20	0.57	0.33	0.59	0.34
n-Undecane	0.24	1.99	1.17	1.58	0.93	1.37	0.80	2.36	1.38	2.22	1.30
1-Dodecene	0.24	ND	ND	ND	ND	0.23	U 0.13	ND	ND	ND	ND
n-Dodecane	0.49	0.72	0.42	0.34	U 0.20	0.37	U 0.22	0.25	U 0.15	0.23	U 0.13
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	0.41	U 0.24	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		138.01	80.51	36.54	21.21	83.08	48.89	96.64	56.15	103.92	59.97
TNMOC, ppbC (w/ unknowns)		273.92	273.92	120.65	120.65	179.10	179.10	198.01	198.01	260.83	260.83

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 35064		SFSD 35188		SFSD 35392		SFSD 35472		SFSD 35558	
Sampling Date:		8/13/2003		8/19/2003		8/27/2003		8/31/2003		9/6/2003	
Analysis Date:		9/11/2003		9/23/2003		9/25/2003		9/26/2003		10/1/2003	
Filename:		L3IJO17		L3IW014		L3IX019		L3IZ007		L3IS018	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	4.00	2.31	2.22	1.29	NR	NR	1.39	0.80	1.20	0.69
Acetylene	0.11	0.36	0.19	1.40	0.75	NR	NR	1.36	0.73	1.20	0.64
Ethane	0.17	2.11	1.31	5.81	3.60	NR	NR	3.46	2.14	5.90	3.66
Propylene	0.11	2.41	1.39	1.23	0.71	0.94	0.54	0.77	0.44	0.68	0.39
Propane	0.19	3.32	2.01	5.85	3.55	3.93	2.38	2.63	1.60	5.29	3.21
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	0.61	0.36	1.73	1.04	147.15	88.20	1.83	1.10	2.08	1.25
Isobutene/1-Butene	0.17	4.58	2.65	1.40	0.81	2.76	1.60	1.18	0.68	1.31	0.76
1,3-Butadiene	0.17	ND	ND	0.15	0.09	0.13	0.07	0.13	0.07	ND	ND
n-Butane	0.17	1.50	0.90	3.39	2.03	2.25	1.35	1.82	1.09	2.93	1.75
trans-2-Butene	0.17	0.20	0.12	0.29	0.17	0.45	0.26	0.26	0.15	0.31	0.18
cis-2-Butene	0.16	0.21	0.12	0.48	0.28	0.48	0.28	0.36	0.21	0.39	0.23
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	54.00	32.15	12.62	7.51	4.01	2.39	3.57	2.12	3.74	2.23
1-Pentene	0.20	0.37	0.21	0.37	0.21	0.56	0.32	0.41	0.24	0.32	0.19
2-Methyl-1-butene	0.20	1.23	0.71	0.26	0.15	0.20	0.12	0.18	0.10	0.15	0.09
n-Pentane	0.19	2.13	1.27	3.23	1.92	1.98	1.18	1.38	0.82	1.64	0.98
Isoprene	0.20	0.89	0.50	3.43	1.93	1.64	0.92	0.79	0.44	1.47	0.83
trans-2-Pentene	0.21	0.37	0.22	0.58	0.34	0.44	0.26	0.38	0.23	0.41	0.24
cis-2-Pentene	0.22	0.13	0.08	0.45	0.27	0.37	0.22	0.33	0.19	0.40	0.24
2-Methyl-2-butene	0.22	0.28	0.16	0.40	0.23	NR	NR	NR	NR	ND	ND
2,2-Dimethylbutane	0.20	0.30	0.18	0.96	0.57	0.96	0.57	1.28	0.76	0.82	0.49
Cyclopentene	0.20	0.17	0.09	0.15	0.09	0.52	0.29	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	0.18	0.11	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.25	0.14	0.50	0.29	0.44	0.25	0.43	0.25	0.48	0.28
2,3-Dimethylbutane	0.20	0.19	0.11	0.85	0.50	31.18	18.48	0.54	0.32	0.62	0.37
2-Methylpentane	0.13	7.34	4.35	2.97	1.76	2.46	1.46	1.59	0.94	1.36	0.81
3-Methylpentane	0.22	0.49	0.29	1.36	0.81	1.13	0.67	1.16	0.69	0.87	0.51
2-Methyl-1-pentene	0.22	0.16	0.10	ND	ND	ND	ND	0.57	0.34	ND	ND
1-Hexene	0.32	0.49	0.29	0.57	0.33	0.87	0.51	0.57	0.34	0.59	0.35
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.45	0.26	1.64	0.97	0.91	0.54	0.74	0.44	0.90	0.53
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	0.48	0.28	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.54	0.31	0.82	0.47	0.63	0.36	0.58	0.34	0.54	0.31
2,4-Dimethylpentane	0.22	0.18	0.09	0.55	0.28	0.68	0.35	0.52	0.27	0.74	0.38
Benzene	0.18	1.67	0.89	1.60	0.86	1.40	0.75	1.00	0.54	0.96	0.52
Cyclohexane	0.16	0.21	0.12	0.76	0.44	0.50	0.29	0.42	0.24	0.41	0.24
2-Methylhexane	0.21	NR	NR	0.73	0.43	0.74	0.44	0.97	0.57	0.52	0.31
2,3-Dimethylpentane	0.28	0.36	0.21	0.74	0.44	1.00	0.59	0.92	0.54	1.18	0.70
3-Methylhexane	0.17	1.45	0.86	0.79	0.47	0.45	0.26	1.31	0.77	0.54	0.32
1-Heptene	0.17	ND	ND	0.21	0.12	0.28	0.16	0.19	0.11	ND	ND
2,2,4-Trimethylpentane	0.19	2.24	1.32	1.22	0.72	0.92	0.54	0.83	0.49	1.56	0.92
n-Heptane	0.23	0.37	0.22	0.84	0.49	0.47	0.28	0.54	0.32	0.45	0.27
Methylcyclohexane	0.25	1.74	1.01	1.11	0.64	0.67	0.39	0.44	0.26	0.48	0.28
2,2,3-Trimethylpentane	0.25	0.91	0.54	ND	ND	0.18	0.11	0.20	0.12	0.15	0.09
2,3,4-Trimethylpentane	0.20	0.51	0.30	0.51	0.30	0.37	0.22	0.37	0.22	0.58	0.34
Toluene	0.20	2.80	1.52	10.09	5.48	1.85	1.00	2.93	1.59	2.47	1.34
2-Methylheptane	0.17	1.18	0.70	0.36	0.21	0.48	0.29	0.40	0.24	0.42	0.24
3-Methylheptane	0.20	ND	ND	0.43	0.25	0.33	0.19	0.29	0.17	0.24	0.14
1-Octene	0.20	0.19	0.11	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.33	0.20	0.87	0.51	0.69	0.41	0.46	0.27	0.48	0.28
Ethylbenzene	0.21	0.35	0.21	1.22	0.73	0.44	0.26	0.51	0.30	0.43	0.25
m-Xylene/p-Xylene	0.16	1.59	0.87	2.38	1.30	0.99	0.54	1.22	0.67	1.15	0.63
Styrene	0.20	4.23	2.27	1.79	0.96	1.15	0.62	0.17	0.09	0.16	0.09
o-Xylene	0.19	0.55	0.30	1.15	0.63	0.51	0.28	0.57	0.31	0.47	0.26
1-Nonene	0.19	0.17	0.10	ND	ND	0.18	0.10	0.15	0.09	ND	ND
n-Nonane	0.11	0.23	0.13	0.68	0.40	0.26	0.15	0.27	0.16	0.31	0.18
Isopropylbenzene	0.18	0.21	0.12	0.45	0.25	0.33	0.18	0.26	0.14	0.29	0.16
a-Pinene	0.18	ND	ND	9.97	5.60	0.60	0.34	0.20	0.11	0.60	0.34
n-Propylbenzene	0.21	0.31	0.17	0.43	0.24	0.62	0.34	0.39	0.21	0.52	0.29
m-Ethyltoluene	0.15	0.64	0.35	0.95	0.52	0.36	0.20	0.30	0.16	0.32	0.18
p-Ethyltoluene	0.19	0.28	0.15	0.41	0.22	0.24	0.13	0.25	0.14	0.29	0.16
1,3,5-Trimethylbenzene	0.18	0.31	0.17	0.50	0.27	0.32	0.18	0.34	0.19	0.28	0.15
o-Ethyltoluene	0.22	0.30	0.17	0.77	0.42	0.36	0.20	ND	ND	0.56	0.31
b-Pinene	0.22	0.15	0.09	3.84	2.16	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.78	0.43	0.63	0.35	0.90	0.50	0.59	0.32	0.64	0.35
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.68	0.40	0.19	0.11	ND	ND	0.50	0.29	0.32	0.19
1,2,3-Trimethylbenzene	0.19	0.75	0.42	0.42	0.23	ND	ND	ND	ND	ND	ND
m-Diethylbenzene	0.20	1.20	0.66	0.57	0.31	4.07	2.25	1.83	1.01	2.14	1.19
p-Diethylbenzene	0.22	0.43	0.24	0.19	0.11	10.16	5.62	4.56	2.52	6.33	3.50
1-Undecene	0.22	0.91	0.53	0.14	0.08	0.97	0.56	0.23	0.13	0.38	0.22
n-Undecane	0.24	1.87	1.10	0.94	0.55	0.97	0.57	0.43	0.25	0.53	0.31
1-Dodecene	0.24	ND	ND	0.25	0.14	0.13	0.07	ND	ND	ND	ND
n-Dodecane	0.49	0.17	0.10	0.44	0.26	0.52	0.31	0.30	0.18	0.31	0.18
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.14
TNMOC (speciated)		119.77	70.12	104.34	60.26	241.44	142.88	54.49	31.56	63.05	36.63
TNMOC, ppbC (w/ unknowns)		473.61	473.61	261.62	261.62	1450.32	1450.32	569.46	569.46	742.78	742.78

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 35689		SFSD 35836		SFSD 36048		SFSD 36051		SFSD 36145	
Sampling Date:		9/12/2003		9/18/2003		9/24/2003		9/30/2003		10/6/2003	
Analysis Date:		10/8/2003		10/8/2003		10/15/2003		10/15/2003		10/15/2003	
Filename:		L3JH010		L3JH005		L3JN020		L3J0007		L3J0009	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.65	0.95	1.43	0.82	1.22	0.71	2.51	1.45	2.34	1.36
Acetylene	0.11	1.40	0.75	1.09	0.58	1.18	0.63	2.81	1.51	2.21	1.19
Ethane	0.17	3.89	2.41	3.57	2.21	3.95	2.45	4.22	2.62	5.55	3.44
Propylene	0.11	1.06	0.61	0.80	0.46	0.76	0.44	1.20	0.69	1.10	0.63
Propane	0.19	4.09	2.48	2.79	1.69	3.22	1.95	4.21	2.55	7.78	4.72
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.82	1.69	1.09	0.66	1.13	0.68	3.51	2.10	1.85	1.11
Isobutene/1-Butene	0.17	1.41	0.81	1.21	0.70	1.13	0.65	1.53	0.88	1.04	0.60
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	0.20	0.11	0.14	U 0.08
n-Butane	0.17	2.71	1.62	1.89	1.13	2.00	1.20	14.26	8.55	4.42	2.65
trans-2-Butene	0.17	0.39	0.23	0.39	0.22	0.35	0.20	0.88	0.51	0.30	0.18
cis-2-Butene	0.16	0.51	0.29	0.43	0.25	0.43	0.25	0.95	0.55	0.51	0.30
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	0.28	0.16	ND	ND
Isopentane	0.19	50.47	30.05	1.97	1.17	2.40	1.43	18.84	11.21	5.77	3.43
1-Pentene	0.20	0.53	0.31	0.53	0.30	0.33	0.19	0.89	0.52	0.46	0.27
2-Methyl-1-butene	0.20	0.19	U 0.11	0.18	U 0.10	0.20	U 0.11	1.05	0.61	0.24	0.14
n-Pentane	0.19	1.62	0.97	1.01	0.60	1.09	0.65	5.74	3.42	2.47	1.47
Isoprene	0.20	0.86	0.48	0.40	0.22	0.36	0.20	0.50	0.28	0.71	0.40
trans-2-Pentene	0.21	0.46	0.28	0.32	0.19	0.31	0.19	1.33	0.79	0.50	0.30
cis-2-Pentene	0.22	0.41	0.25	0.35	0.21	0.36	0.21	0.85	0.51	0.44	0.26
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	2.59	1.50	ND	ND
2,2-Dimethylbutane	0.20	0.78	0.46	0.64	0.38	0.65	0.39	1.71	1.02	1.01	0.60
Cyclopentene	0.20	ND	ND	ND	ND	0.18	U 0.10	0.18	U 0.10	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	0.16	U 0.09	0.24	U 0.14	ND	ND
Cyclopentane	0.20	0.45	0.26	0.39	0.22	0.41	0.24	0.81	0.47	0.53	0.31
2,3-Dimethylbutane	0.20	0.69	0.41	0.51	0.30	0.57	0.33	1.29	0.76	0.94	0.56
2-Methylpentane	0.13	3.29	1.95	1.94	1.15	1.37	0.81	3.48	2.06	2.32	1.37
3-Methylpentane	0.22	0.97	0.58	0.74	0.44	0.81	0.48	1.97	1.17	1.50	0.89
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.61	0.36	0.78	0.46	0.70	0.42	0.63	0.37	0.48	0.29
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.79	0.47	0.63	0.37	0.68	0.40	1.55	0.92	1.39	0.82
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.86	0.50	0.94	0.54	0.47	0.27	1.17	0.68	0.90	0.52
2,4-Dimethylpentane	0.22	0.59	0.30	0.54	0.28	0.60	0.31	0.80	0.40	0.73	0.37
Benzene	0.18	1.17	0.63	0.89	0.48	0.82	0.44	1.80	0.96	1.60	0.86
Cyclohexane	0.16	0.56	0.32	0.47	0.27	0.46	0.27	0.67	0.39	0.63	0.36
2-Methylhexane	0.21	0.90	0.53	1.04	0.61	0.54	0.32	0.70	0.41	0.70	0.41
2,3-Dimethylpentane	0.28	0.81	0.48	0.75	0.44	0.71	0.42	0.99	0.58	0.95	0.56
3-Methylhexane	0.17	0.43	0.25	ND	ND	0.41	0.24	0.77	0.45	1.02	0.60
1-Heptene	0.17	0.25	U 0.14	0.38	0.22	ND	ND	0.22	U 0.12	0.14	U 0.08
2,2,4-Trimethylpentane	0.19	1.34	0.79	0.75	0.44	1.29	0.76	1.11	0.65	1.27	0.75
n-Heptane	0.23	0.46	0.27	0.37	0.22	0.38	0.22	0.63	0.37	0.66	0.39
Methylcyclohexane	0.25	0.76	0.44	0.76	0.44	0.67	0.39	0.77	0.44	0.68	0.39
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	0.14	U 0.08
2,3,4-Trimethylpentane	0.20	0.45	0.27	0.31	0.18	0.32	0.19	0.42	0.24	0.52	0.31
Toluene	0.20	2.82	1.53	1.21	0.66	1.27	0.69	2.37	1.29	3.09	1.68
2-Methylheptane	0.17	0.30	0.18	0.32	0.19	0.26	0.15	0.27	0.16	0.33	0.19
3-Methylheptane	0.20	0.32	0.19	0.28	0.17	0.27	0.16	0.28	0.16	0.35	0.21
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.55	0.33	0.53	0.31	0.41	0.24	0.34	0.20	0.51	0.30
Ethylbenzene	0.21	0.43	0.25	0.43	0.26	0.36	0.22	0.46	0.28	0.59	0.35
m-Xylene/p-Xylene	0.16	1.22	0.67	1.04	0.57	1.09	0.60	0.93	0.51	1.53	0.84
Styrene	0.20	0.23	0.13	0.30	0.16	0.14	U 0.07	0.14	U 0.07	0.14	U 0.07
o-Xylene	0.19	0.59	0.32	0.36	0.20	0.47	0.26	0.38	0.21	0.67	0.37
1-Nonene	0.19	0.18	U 0.10	0.18	U 0.10	ND	ND	ND	ND	0.13	U 0.07
n-Nonane	0.11	0.39	0.23	0.30	0.17	0.23	0.14	0.21	0.12	0.50	0.30
Isopropylbenzene	0.18	0.30	0.16	0.26	0.14	0.23	0.13	0.26	0.14	0.26	0.14
a-Pinene	0.18	0.67	0.38	0.32	0.18	ND	ND	ND	ND	0.28	0.16
n-Propylbenzene	0.21	0.45	0.25	0.39	0.21	0.28	0.15	0.18	U 0.10	0.43	0.24
m-Ethyltoluene	0.15	0.43	0.24	0.26	0.14	0.27	0.15	0.19	0.11	0.45	0.25
p-Ethyltoluene	0.19	0.22	0.12	0.24	0.13	0.22	0.12	0.23	0.12	0.37	0.20
1,3,5-Trimethylbenzene	0.18	0.32	0.18	0.42	0.23	0.27	0.15	0.26	0.14	0.42	0.23
o-Ethyltoluene	0.22	0.40	0.22	0.23	0.12	0.28	0.15	0.26	0.14	0.41	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.63	0.35	0.61	0.33	0.51	0.28	0.36	0.20	0.77	0.42
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.49	0.29	0.52	0.31	0.47	0.27	0.32	0.19	0.73	0.43
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	ND	ND	ND	0.15	U 0.08	ND	ND
m-Diethylbenzene	0.20	1.81	1.00	1.32	0.73	1.08	0.60	0.23	0.13	0.76	0.42
p-Diethylbenzene	0.22	4.62	2.56	4.02	2.23	3.65	2.02	0.21	U 0.12	2.68	1.48
1-Undecene	0.22	0.21	U 0.12	0.21	U 0.12	0.23	U 0.13	ND	ND	0.23	U 0.13
n-Undecane	0.24	0.31	0.18	0.41	0.24	0.32	0.19	0.19	U 0.11	0.50	0.29
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.18	U 0.10	0.22	U 0.13	0.13	U 0.08	ND	ND	0.21	U 0.12
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		108.65	63.75	46.58	27.01	45.03	26.17	98.43	57.83	72.26	42.16
TNMOC, ppbC (w/ unknowns)		626.06	626.06	562.43	562.43	435.07	435.07	158.16	158.16	498.99	498.99

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SFSD 36195	SFSD 36276	SFSD 36345 D1	SFSD 36347 D2	SFSD 36483
Sampling Date:		10/12/2003	10/18/2003	10/24/2003	10/24/2003	10/30/2003
Analysis Date:		10/16/2003	10/23/2003			11/20/2003
Filename:		L3JP007	L3JV011	VOID	VOID	L3KT007
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15	1.15 0.67	2.64 1.53			2.11 1.22
Acetylene	0.11	1.21 0.65	2.59 1.39			2.18 1.17
Ethane	0.17	3.60 2.23	5.02 3.12			4.12 2.56
Propylene	0.11	0.64 0.37	1.33 0.77			0.96 0.55
Propane	0.19	3.35 2.03	7.11 4.31			4.93 2.99
Propyne	0.19	ND ND	ND ND			ND ND
Isobutane	0.14	1.26 0.75	2.61 1.56			1.20 0.72
Isobutene/1-Butene	0.17	0.90 0.52	2.52 1.46			1.08 0.62
1,3-Butadiene	0.17	ND ND	0.18 0.10			0.14 U 0.08
n-Butane	0.17	2.47 1.48	7.48 4.48			2.82 1.69
trans-2-Butene	0.17	0.40 0.23	0.55 0.32			0.32 0.19
cis-2-Butene	0.16	0.43 0.25	0.55 0.32			0.47 0.27
3-Methyl-1-butene	0.16	ND ND	ND ND			ND ND
Isopentane	0.19	3.05 1.82	8.01 4.77			NR NR
1-Pentene	0.20	0.37 0.21	0.63 0.36			0.38 0.22
2-Methyl-1-butene	0.20	0.15 U 0.09	0.40 0.23			ND ND
n-Pentane	0.19	1.23 0.73	3.15 1.87			1.38 0.82
Isoprene	0.20	0.41 0.23	0.65 0.37			0.47 0.27
trans-2-Pentene	0.21	0.38 0.22	0.58 0.34			0.36 0.22
cis-2-Pentene	0.22	0.36 0.21	0.48 0.28			0.37 0.22
2-Methyl-2-butene	0.22	ND ND	ND ND			ND ND
2,2-Dimethylbutane	0.20	0.67 0.40	1.03 0.61			0.67 0.40
Cyclopentene	0.20	ND ND	0.19 U 0.11			0.37 0.21
4-Methyl-1-pentene	0.20	ND ND	0.23 U 0.13			ND ND
Cyclopentane	0.20	0.46 0.27	0.59 0.34			0.33 0.19
2,3-Dimethylbutane	0.20	0.64 0.38	0.96 0.57			4.78 2.83
2-Methylpentane	0.13	1.29 0.77	3.37 2.00			2.12 1.26
3-Methylpentane	0.22	0.98 0.58	1.22 0.72			2.42 1.43
2-Methyl-1-pentene	0.22	ND ND	ND ND			ND ND
1-Hexene	0.32	0.47 0.28	0.66 0.39			0.60 0.35
2-Ethyl-1-butene	0.22	ND ND	ND ND			ND ND
n-Hexane	0.21	0.69 0.41	1.23 0.73			1.02 0.61
trans-2-Hexene	0.21	ND ND	ND ND			ND ND
cis-2-Hexene	0.21	ND ND	ND ND			ND ND
Methylcyclopentane	0.21	0.51 0.30	0.91 0.53			0.74 0.43
2,4-Dimethylpentane	0.22	0.54 0.28	0.81 0.41			0.55 0.28
Benzene	0.18	0.95 0.51	1.91 1.03			1.53 0.82
Cyclohexane	0.16	0.45 0.26	0.66 0.38			0.56 0.32
2-Methylhexane	0.21	0.40 0.24	0.74 0.44			1.14 0.67
2,3-Dimethylpentane	0.28	0.83 0.49	1.13 0.67			0.86 0.51
3-Methylhexane	0.17	0.42 0.25	1.00 0.59			0.46 0.27
1-Heptene	0.17	ND ND	0.24 U 0.14			0.16 U 0.09
2,2,4-Trimethylpentane	0.19	0.77 0.45	1.59 0.93			1.44 0.85
n-Heptane	0.23	0.35 0.21	0.73 0.43			0.56 0.33
Methylcyclohexane	0.25	0.43 0.25	0.74 0.43			0.57 0.33
2,2,3-Trimethylpentane	0.25	ND ND	ND ND			ND ND
2,3,4-Trimethylpentane	0.20	0.37 0.22	0.59 0.35			0.43 0.26
Toluene	0.20	1.39 0.75	4.19 2.28			3.04 1.65
2-Methylheptane	0.17	0.27 0.16	0.35 0.21			0.27 0.16
3-Methylheptane	0.20	0.28 0.17	0.40 0.23			0.35 0.21
1-Octene	0.20	ND ND	ND ND			ND ND
n-Octane	0.21	0.38 0.22	0.60 0.35			0.56 0.33
Ethylbenzene	0.21	0.42 0.25	0.76 0.45			0.59 0.35
m-Xylene/p-Xylene	0.16	1.02 0.56	2.14 1.17			1.36 0.75
Styrene	0.20	0.14 U 0.07	0.17 U 0.09			1.46 0.78
o-Xylene	0.19	0.44 0.24	0.87 0.48			0.64 0.35
1-Nonene	0.19	ND ND	ND ND			ND ND
n-Nonane	0.11	0.27 0.16	0.43 0.25			0.49 0.29
Isopropylbenzene	0.18	0.24 0.13	0.29 0.16			0.47 0.26
a-Pinene	0.18	0.23 U 0.13	0.24 U 0.14			0.38 0.21
n-Propylbenzene	0.21	0.34 0.19	0.42 0.23			0.46 0.25
m-Ethyltoluene	0.15	0.29 0.16	0.51 0.28			0.54 0.30
p-Ethyltoluene	0.19	0.29 0.16	0.40 0.22			0.60 0.33
1,3,5-Trimethylbenzene	0.18	0.37 0.20	0.48 0.27			0.44 0.24
o-Ethyltoluene	0.22	0.30 0.16	0.47 0.26			0.45 0.25
b-Pinene	0.22	ND ND	ND ND			ND ND
1,2,4-Trimethylbenzene	0.21	0.57 0.31	0.91 0.50			1.00 0.55
1-Decene	0.21	ND ND	ND ND			ND ND
n-Decane	0.25	0.47 0.27	0.70 0.41			0.48 0.28
1,2,3-Trimethylbenzene	0.19	ND ND	1.59 0.87			1.08 0.60
m-Diethylbenzene	0.20	1.00 0.56	1.21 0.67			2.08 1.15
p-Diethylbenzene	0.22	2.70 1.49	3.31 1.83			4.11 2.28
1-Undecene	0.22	0.20 U 0.11	0.27 0.16			0.42 0.24
n-Undecane	0.24	0.37 0.22	0.45 0.26			0.72 0.42
1-Dodecene	0.24	ND ND	ND ND			0.26 U 0.15
n-Dodecane	0.49	0.17 U 0.10	0.22 U 0.13			0.58 0.34
1-Tridecene	0.49	ND ND	ND ND			ND ND
n-Tridecane	0.49	ND ND	ND ND			ND ND
TNMOC (speciated)		44.67 25.99	88.33 51.39			67.43 38.96
TNMOC, ppbC (w/ unknowns)		381.28 381.28	288.65 288.65			364.63 364.63

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SFSD 36558 D1		SFSD 36558 R1		SFSD 36560 D2		SFSD 36560 R2		SFSD 36683 D1	
Sampling Date:		11/5/2003		11/5/2003		11/5/2003		11/5/2003		11/11/2003	
Analysis Date:		11/26/2003		12/2/2003		11/26/2003		12/2/2003		11/25/2003	
Filename:		L3KY016		L3LA025		L3KY017		L3LA026		L3KX015	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	1.53	0.88	1.61	0.93	1.62	0.94	1.66	0.96	2.93	1.69
Acetylene	0.11	1.97	1.06	2.12	1.14	2.02	1.09	2.06	1.11	4.33	2.32
Ethane	0.17	6.10	3.78	5.81	3.61	6.11	3.79	5.86	3.64	14.00	8.68
Propylene	0.11	0.53	0.31	0.68	0.39	0.60	0.35	0.75	0.44	1.24	0.72
Propane	0.19	5.49	3.33	5.38	3.26	5.71	3.47	5.58	3.38	12.67	7.69
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.54	0.92	1.67	1.00	1.55	0.93	1.62	0.97	3.74	2.24
Isobutene/1-Butene	0.17	0.93	0.54	1.11	0.64	0.74	0.43	0.95	0.55	1.28	0.74
1,3-Butadiene	0.17	ND	ND	ND	ND	ND	ND	0.13	U 0.07	0.14	U 0.08
n-Butane	0.17	3.93	2.35	3.96	2.37	3.99	2.39	4.04	2.42	10.53	6.31
trans-2-Butene	0.17	ND	ND	0.48	0.27	ND	ND	0.29	0.17	0.27	0.15
cis-2-Butene	0.16	ND	ND	0.37	0.21	ND	ND	0.37	0.21	0.24	0.14
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	2.63	1.57	2.75	1.64	2.61	1.56	2.84	1.69	5.51	3.28
1-Pentene	0.20	0.14	U 0.08	0.37	0.21	ND	ND	0.31	0.18	0.42	0.24
2-Methyl-1-butene	0.20	0.13	U 0.08	ND	ND	ND	ND	ND	ND	0.30	0.17
n-Pentane	0.19	1.48	0.88	1.49	0.89	1.29	0.77	1.48	0.88	3.41	2.03
Isoprene	0.20	ND	ND	0.37	0.21	ND	ND	0.40	0.22	0.16	U 0.09
trans-2-Pentene	0.21	ND	ND	0.31	0.19	ND	ND	0.30	0.18	0.35	0.21
cis-2-Pentene	0.22	ND	ND	0.30	0.18	ND	ND	0.27	0.16	0.19	U 0.11
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.21	0.13	0.62	0.37	0.19	U 0.11	0.56	0.33	0.47	0.28
Cyclopentene	0.20	ND	ND	0.30	0.17	0.25	0.14	0.20	U 0.11	0.53	0.30
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.14	U 0.08	0.26	0.15	0.13	U 0.07	0.30	0.17	0.35	0.20
2,3-Dimethylbutane	0.20	0.19	U 0.11	0.60	0.36	2.61	1.55	0.54	0.32	0.52	0.31
2-Methylpentane	0.13	0.86	0.51	1.02	0.61	1.38	0.82	1.55	0.92	1.45	0.86
3-Methylpentane	0.22	0.38	0.23	0.81	0.48	0.56	0.33	0.97	0.58	1.06	0.63
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	ND	ND	0.54	0.32	ND	ND	0.48	0.29	0.40	0.24
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.65	0.38	0.92	0.54	0.75	0.45	1.00	0.59	1.55	0.92
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.32	0.18	0.57	0.33	0.32	0.19	0.55	0.32	1.43	0.83
2,4-Dimethylpentane	0.22	0.15	U 0.08	0.51	0.26	0.18	U 0.09	0.47	0.24	0.50	0.25
Benzene	0.18	1.24	0.67	1.35	0.72	1.27	0.68	1.37	0.73	1.98	1.06
Cyclohexane	0.16	0.20	0.11	0.52	0.30	0.17	0.10	0.50	0.29	0.50	0.29
2-Methylhexane	0.21	0.21	0.12	0.56	0.33	0.39	0.23	0.79	0.47	1.30	0.77
2,3-Dimethylpentane	0.28	0.24	U 0.14	0.74	0.44	0.26	U 0.15	0.77	0.45	0.42	0.25
3-Methylhexane	0.17	0.31	0.18	0.85	0.50	ND	ND	0.40	0.24	0.62	0.37
1-Heptene	0.17	0.14	U 0.08	0.15	U 0.09	ND	ND	ND	ND	0.44	0.25
2,2,4-Trimethylpentane	0.19	0.59	0.34	0.78	0.46	0.94	0.55	1.12	0.66	1.05	0.62
n-Heptane	0.23	0.26	0.16	0.47	0.28	0.30	0.17	0.45	0.27	0.60	0.35
Methylcyclohexane	0.25	0.18	U 0.10	0.43	0.25	0.19	U 0.11	0.57	0.33	0.58	0.34
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	0.30	0.17
2,3,4-Trimethylpentane	0.20	0.17	U 0.10	0.37	0.22	0.26	0.15	0.39	0.23	0.37	0.22
Toluene	0.20	1.72	0.93	1.98	1.07	1.82	0.99	2.03	1.10	3.76	2.04
2-Methylheptane	0.17	ND	ND	0.28	0.16	ND	ND	0.29	0.17	1.98	1.17
3-Methylheptane	0.20	ND	ND	0.30	0.18	ND	ND	0.30	0.18	0.17	U 0.10
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.25	0.15	0.46	0.27	0.26	0.15	0.44	0.26	0.40	0.24
Ethylbenzene	0.21	0.38	0.23	0.56	0.33	0.38	0.23	0.66	0.40	0.66	0.40
m-Xylene/p-Xylene	0.16	1.01	0.55	1.25	0.68	1.05	0.57	1.32	0.72	1.86	1.02
Styrene	0.20	0.37	0.20	0.52	0.28	1.19	0.64	1.44	0.77	0.60	0.32
o-Xylene	0.19	0.35	0.19	0.55	0.30	0.37	0.20	0.59	0.32	0.73	0.40
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.16	0.09	0.34	0.20	0.16	0.10	0.35	0.21	0.26	0.15
Isopropylbenzene	0.18	ND	ND	0.35	0.19	ND	ND	0.38	0.21	0.19	0.10
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	0.23	U 0.13
n-Propylbenzene	0.21	0.18	U 0.10	0.36	0.20	0.19	U 0.11	0.38	0.21	0.38	0.21
m-Ethyltoluene	0.15	0.29	0.16	0.45	0.25	0.30	0.17	0.47	0.26	0.62	0.34
p-Ethyltoluene	0.19	0.18	U 0.10	0.43	0.24	0.19	0.11	0.48	0.27	0.43	0.24
1,3,5-Trimethylbenzene	0.18	0.17	U 0.09	0.32	0.18	0.20	0.11	0.38	0.21	0.38	0.21
o-Ethyltoluene	0.22	0.15	U 0.08	0.35	0.19	0.14	U 0.08	0.40	0.22	0.38	0.21
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.45	0.25	0.69	0.38	0.52	0.29	0.75	0.41	1.11	0.61
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	ND	ND	0.37	0.22	0.14	U 0.08	0.42	0.25	0.24	U 0.14
1,2,3-Trimethylbenzene	0.19	ND	ND	0.85	0.47	ND	ND	1.15	0.63	ND	ND
m-Diethylbenzene	0.20	0.60	0.33	0.80	0.44	0.80	0.45	1.30	0.72	0.50	0.28
p-Diethylbenzene	0.22	0.83	0.46	0.72	0.40	2.26	1.25	2.32	1.29	1.56	0.87
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.24	0.14	0.48	0.28	0.34	0.20	0.57	0.33	0.36	0.21
1-Dodecene	0.24	ND	ND	ND	ND	0.17	U 0.10	0.12	U 0.07	0.15	U 0.09
n-Dodecane	0.49	0.26	U 0.15	0.46	U 0.27	0.28	U 0.16	0.49	U 0.29	0.33	U 0.19
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spciated)		40.43	23.71	53.97	31.48	47.14	27.56	58.91	34.25	95.36	56.05
TNMOC, ppbC (w/ unknowns)		248.16	248.16	245.49	245.49	372.82	372.82	363.61	363.61	394.21	394.21

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 36683 R1	SFSD 36685 D2	SFSD 36685 R2	SFSD 36833	SFSD 36835
Sampling Date:		11/11/2003	11/11/2003	11/11/2003	11/17/2003	11/23/2003
Analysis Date:		11/26/2003	11/25/2003	11/26/2003	12/8/2003	12/10/2003
Filename:		L3KY014	L3KX016	L3KY015	L3LH011	L3LJ006
	MDL	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³	ppbC ug/m ³
Ethylene	0.15	2.90 1.68	3.24 1.87	3.23 1.87	2.06 1.19	1.08 0.63
Acetylene	0.11	4.01 2.15	4.22 2.27	4.04 2.17	2.65 1.42	1.80 0.97
Ethane	0.17	13.59 8.43	13.93 8.64	13.47 8.36	16.70 10.36	3.78 2.34
Propylene	0.11	1.29 0.75	1.46 0.85	1.49 0.86	0.73 0.42	0.49 0.28
Propane	0.19	12.36 7.49	12.69 7.70	12.35 7.49	16.08 9.75	2.59 1.57
Propyne	0.19	ND ND	ND ND	ND ND	ND ND	ND ND
Isobutane	0.14	3.62 2.17	3.78 2.26	3.68 2.20	3.76 2.26	0.68 0.40
Isobutene/1-Butene	0.17	1.31 0.76	1.66 0.96	1.67 0.97	0.59 0.34	0.68 0.39
1,3-Butadiene	0.17	0.16 U 0.09	0.16 U 0.09	0.17 U 0.09	ND ND	ND ND
n-Butane	0.17	10.25 6.15	10.46 6.27	10.11 6.06	9.13 5.47	1.63 0.98
trans-2-Butene	0.17	0.25 0.15	0.25 0.14	0.25 0.14	ND ND	ND ND
cis-2-Butene	0.16	0.22 0.13	0.23 0.13	0.27 0.16	ND ND	ND ND
3-Methyl-1-butene	0.16	ND ND	ND ND	0.14 U 0.08	ND ND	ND ND
Isopentane	0.19	5.16 3.07	5.79 3.45	6.05 3.60	4.70 2.80	1.10 0.66
1-Pentene	0.20	0.39 0.23	0.40 0.23	0.37 0.21	0.16 U 0.09	0.15 U 0.09
2-Methyl-1-butene	0.20	0.29 0.17	0.96 0.55	0.31 0.18	0.12 U 0.07	ND ND
n-Pentane	0.19	3.16 1.88	3.24 1.93	3.19 1.90	3.59 2.14	0.70 0.41
Isoprene	0.20	0.14 U 0.08	0.18 U 0.10	0.16 U 0.09	ND ND	ND ND
trans-2-Pentene	0.21	0.33 0.20	0.39 0.23	0.39 0.23	0.12 U 0.07	ND ND
cis-2-Pentene	0.22	0.18 U 0.10	0.19 U 0.11	0.20 U 0.12	ND ND	ND ND
2-Methyl-2-butene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
2,2-Dimethylbutane	0.20	0.52 0.31	0.45 0.27	0.52 0.31	0.29 0.17	ND ND
Cyclopentene	0.20	0.42 0.24	0.52 0.29	0.32 0.18	0.26 0.15	0.28 0.16
4-Methyl-1-pentene	0.20	ND ND	ND ND	ND ND	ND ND	ND ND
Cyclopentane	0.20	0.30 0.18	0.33 0.19	0.27 0.15	0.26 0.15	0.06 U 0.03
2,3-Dimethylbutane	0.20	0.55 0.33	0.51 0.30	0.51 0.30	0.26 0.15	ND ND
2-Methylpentane	0.13	1.39 0.82	3.56 2.11	4.62 2.74	1.86 1.10	0.92 0.55
3-Methylpentane	0.22	1.74 1.03	1.06 0.63	1.01 0.60	0.81 0.48	0.33 0.19
2-Methyl-1-pentene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
1-Hexene	0.32	0.39 0.23	0.38 0.22	0.27 U 0.16	0.13 U 0.08	0.13 U 0.08
2-Ethyl-1-butene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
n-Hexane	0.21	1.47 0.87	1.48 0.88	1.46 0.86	1.82 1.08	0.48 0.29
trans-2-Hexene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
cis-2-Hexene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
Methylcyclopentane	0.21	1.14 0.66	2.05 1.19	1.64 0.95	0.66 0.38	0.23 0.14
2,4-Dimethylpentane	0.22	0.33 0.17	0.39 0.20	0.36 0.18	0.20 U 0.10	ND ND
Benzene	0.18	1.86 1.00	2.02 1.08	1.94 1.04	1.51 0.81	0.90 0.48
Cyclohexane	0.16	0.48 0.28	0.49 0.28	0.51 0.30	0.43 0.25	ND ND
2-Methylhexane	0.21	1.32 0.78	2.16 1.27	1.91 1.13	0.73 0.43	ND ND
2,3-Dimethylpentane	0.28	0.44 0.26	0.47 0.28	0.35 0.20	0.29 0.17	ND ND
3-Methylhexane	0.17	0.55 0.32	0.38 0.23	0.53 0.31	0.35 0.20	ND ND
1-Heptene	0.17	0.46 0.27	0.29 0.17	0.33 0.19	0.17 U 0.10	0.20 U 0.12
2,2,4-Trimethylpentane	0.19	1.03 0.60	1.03 0.61	1.12 0.66	0.62 0.36	0.34 0.20
n-Heptane	0.23	0.62 0.36	0.66 0.39	0.67 0.39	0.58 0.34	0.18 U 0.11
Methylcyclohexane	0.25	0.54 0.31	0.54 0.31	0.55 0.32	0.58 0.34	0.17 U 0.10
2,2,3-Trimethylpentane	0.25	0.25 0.15	ND ND	ND ND	ND ND	ND ND
2,3,4-Trimethylpentane	0.20	0.37 0.22	0.55 0.32	0.50 0.29	0.18 U 0.11	ND ND
Toluene	0.20	3.67 1.99	3.79 2.06	3.73 2.02	2.38 1.29	1.17 0.63
2-Methylheptane	0.17	0.15 U 0.09	1.77 1.04	0.22 0.13	0.13 U 0.08	ND ND
3-Methylheptane	0.20	0.20 U 0.12	0.19 U 0.11	0.20 0.12	0.14 U 0.08	ND ND
1-Octene	0.20	ND ND	ND ND	ND ND	ND ND	ND ND
n-Octane	0.21	0.37 0.22	0.41 0.24	0.40 0.24	0.32 0.19	0.18 U 0.11
Ethylbenzene	0.21	0.59 0.35	0.68 0.40	0.58 0.35	0.42 0.25	0.23 0.14
m-Xylene/p-Xylene	0.16	1.79 0.98	1.97 1.08	1.87 1.02	1.05 0.57	0.63 0.35
Styrene	0.20	0.21 0.11	1.70 0.92	1.64 0.88	0.65 0.35	0.46 0.25
o-Xylene	0.19	0.64 0.35	0.74 0.40	0.60 0.33	0.42 0.23	0.27 0.15
1-Nonene	0.19	ND ND	ND ND	ND ND	ND ND	ND ND
n-Nonane	0.11	0.25 0.15	0.33 0.19	0.34 0.20	0.18 0.11	ND ND
Isopropylbenzene	0.18	ND ND	0.16 U 0.09	0.13 U 0.07	ND ND	ND ND
a-Pinene	0.18	0.20 U 0.11	ND ND	ND ND	0.26 0.15	ND ND
n-Propylbenzene	0.21	0.29 0.16	0.36 0.20	0.29 0.16	0.17 U 0.09	0.17 U 0.09
m-Ethyltoluene	0.15	0.58 0.32	0.64 0.35	0.60 0.33	0.32 0.17	0.27 0.15
p-Ethyltoluene	0.19	0.32 0.17	0.44 0.24	0.38 0.21	0.48 0.27	0.17 U 0.09
1,3,5-Trimethylbenzene	0.18	0.30 0.16	0.46 0.25	0.37 0.20	0.21 0.12	0.17 U 0.09
o-Ethyltoluene	0.22	0.23 0.13	0.42 0.23	0.33 0.18	0.15 U 0.08	0.13 U 0.07
b-Pinene	0.22	ND ND	ND ND	ND ND	ND ND	ND ND
1,2,4-Trimethylbenzene	0.21	1.00 0.55	1.17 0.65	1.01 0.55	0.64 0.35	0.46 0.25
1-Decene	0.21	ND ND	ND ND	ND ND	ND ND	ND ND
n-Decane	0.25	0.22 U 0.13	0.22 U 0.13	0.24 U 0.14	0.17 U 0.10	ND ND
1,2,3-Trimethylbenzene	0.19	ND ND	ND ND	ND ND	ND ND	ND ND
m-Diethylbenzene	0.20	0.36 0.20	1.08 0.60	0.81 0.45	1.06 0.59	1.03 0.57
p-Diethylbenzene	0.22	1.42 0.79	1.76 0.97	1.53 0.85	2.21 1.22	2.78 1.54
1-Undecene	0.22	ND ND	ND ND	ND ND	0.22 U 0.13	0.26 0.15
n-Undecane	0.24	0.23 U 0.14	0.31 0.18	0.35 0.21	0.35 0.21	0.23 U 0.13
1-Dodecene	0.24	0.13 U 0.07	0.23 U 0.13	0.14 U 0.08	0.13 U 0.07	ND ND
n-Dodecane	0.49	0.27 U 0.16	0.36 U 0.21	0.26 U 0.15	0.27 U 0.16	0.26 U 0.15
1-Tridecene	0.49	ND ND	ND ND	ND ND	ND ND	ND ND
n-Tridecane	0.49	ND ND	ND ND	ND ND	ND ND	ND ND
TNMOC (speciated)		89.17 52.49	101.72 59.69	96.90 56.92	84.69 50.19	27.72 16.05
TNMOC, ppbC (w/ unknowns)		310.47 310.47	377.70 377.70	370.89 370.89	326.73 326.73	390.12 390.12

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 36973		SFSD 37067		SFSD 37069		SFSD 37099		SFSD 37208	
Sampling Date:		11/29/2003		12/5/2003		12/8/2003		12/11/2003		12/17/2003	
Analysis Date:		12/16/2003		12/29/2003		12/31/2003		1/6/2004		1/6/2004	
Filename:		L3LP007		L3L#010		L3L#021		L4AE019		L4AE017	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	4.83	2.80	1.98	1.15	2.65	1.53	3.14	1.81	2.44	1.41
Acetylene	0.11	3.28	1.76	2.18	1.17	3.13	1.68	4.07	2.19	2.76	1.48
Ethane	0.17	6.00	3.72	5.48	3.40	15.35	9.52	7.31	4.54	10.85	6.73
Propylene	0.11	2.29	1.33	0.89	0.51	0.99	0.57	1.08	0.62	1.06	0.62
Propane	0.19	5.16	3.13	4.68	2.84	16.30	9.88	14.62	8.86	12.15	7.37
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.18	1.31	1.38	0.83	3.92	2.35	2.59	1.55	3.01	1.80
Isobutene/1-Butene	0.17	8.47	4.90	1.20	0.69	0.99	0.57	3.21	1.86	1.41	0.82
1,3-Butadiene	0.17	0.26	0.14	ND	ND	0.12	U 0.07	0.15	U 0.08	ND	ND
n-Butane	0.17	7.18	4.30	3.32	1.99	9.74	5.84	8.68	5.20	8.09	4.85
trans-2-Butene	0.17	0.22	0.13	ND	ND	ND	ND	0.18	0.10	0.31	0.18
cis-2-Butene	0.16	0.24	0.14	ND	ND	ND	ND	0.29	0.17	0.42	0.24
3-Methyl-1-butene	0.16	0.12	U 0.07	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	48.92	29.12	1.74	1.04	NR	NR	8.19	4.88	NR	NR
1-Pentene	0.20	0.36	0.21	0.56	0.33	0.28	0.16	0.37	0.21	0.35	0.20
2-Methyl-1-butene	0.20	1.64	0.95	ND	ND	0.14	U 0.08	ND	ND	0.12	U 0.07
n-Pentane	0.19	2.39	1.43	1.35	0.80	3.63	2.16	2.71	1.61	2.82	1.68
Isoprene	0.20	0.19	U 0.11	0.13	U 0.07	ND	ND	0.37	0.21	0.39	0.22
trans-2-Pentene	0.21	0.30	0.18	0.12	U 0.07	0.16	U 0.10	0.22	0.13	0.29	0.17
cis-2-Pentene	0.22	0.12	U 0.07	ND	ND	ND	ND	0.23	0.14	0.33	0.19
2-Methyl-2-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.20	0.35	0.21	0.13	U 0.08	0.29	0.17	0.41	0.24	0.71	0.42
Cyclopentene	0.20	0.77	0.43	0.13	U 0.07	0.42	0.23	0.17	U 0.09	0.18	U 0.10
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	0.53	0.30
Cyclopentane	0.20	0.17	U 0.10	0.13	U 0.08	0.27	0.15	0.26	0.15	0.37	0.21
2,3-Dimethylbutane	0.20	0.31	0.18	0.16	U 0.09	0.34	0.20	0.60	0.35	0.80	0.47
2-Methylpentane	0.13	4.24	2.51	1.27	0.75	2.23	1.32	2.45	1.45	3.15	1.87
3-Methylpentane	0.22	0.97	0.57	0.56	0.33	0.99	0.59	2.73	1.62	2.37	1.41
2-Methyl-1-pentene	0.22	0.12	U 0.07	ND	ND	ND	ND	0.19	U 0.11	ND	ND
1-Hexene	0.32	0.33	0.19	0.59	0.35	0.29	U 0.17	0.50	0.30	0.56	0.33
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.12	0.66	1.01	0.60	1.42	0.84	3.71	2.20	2.77	1.64
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	0.13	U 0.08	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.44	0.83	0.78	0.45	1.04	0.60	1.44	0.83	1.42	0.82
2,4-Dimethylpentane	0.22	0.27	0.14	0.14	U 0.07	0.19	U 0.10	0.32	0.16	0.48	0.24
Benzene	0.18	2.14	1.15	1.43	0.77	1.68	0.90	2.59	1.39	1.63	0.87
Cyclohexane	0.16	0.22	0.13	0.19	0.11	0.33	0.19	0.39	0.22	0.55	0.32
2-Methylhexane	0.21	ND	ND	0.96	0.57	0.82	0.48	0.67	0.40	0.61	0.36
2,3-Dimethylpentane	0.28	0.68	0.40	0.35	0.21	0.32	0.19	0.49	0.29	0.62	0.36
3-Methylhexane	0.17	ND	ND	0.20	0.12	0.42	0.25	0.47	0.28	0.47	0.27
1-Heptene	0.17	0.25	U 0.15	0.59	0.34	0.36	0.21	0.24	U 0.14	0.18	U 0.11
2,2,4-Trimethylpentane	0.19	1.54	0.91	0.44	0.26	0.76	0.45	4.31	2.54	1.70	1.00
n-Heptane	0.23	0.53	0.31	0.34	0.20	0.65	0.38	0.64	0.38	0.65	0.39
Methylcyclohexane	0.25	0.32	0.18	0.44	0.25	0.80	0.47	0.52	0.30	0.82	0.47
2,2,3-Trimethylpentane	0.25	0.45	0.26	ND	ND	ND	ND	0.39	0.23	ND	ND
2,3,4-Trimethylpentane	0.20	0.61	0.36	0.12	U 0.07	0.18	U 0.11	0.47	0.28	0.37	0.22
Toluene	0.20	4.27	2.32	1.93	1.05	2.64	1.44	17.84	9.69	6.49	3.53
2-Methylheptane	0.17	ND	ND	ND	ND	0.17	0.10	0.38	0.22	0.40	0.24
3-Methylheptane	0.20	0.14	U 0.08	0.13	U 0.08	0.15	U 0.09	0.38	0.22	0.31	0.18
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.38	0.23	0.31	0.18	0.35	0.20	1.27	0.75	0.69	0.40
Ethylbenzene	0.21	0.80	0.48	0.45	0.27	0.44	0.26	1.12	0.67	0.70	0.42
m-Xylene/p-Xylene	0.16	2.26	1.23	1.08	0.59	1.19	0.65	2.53	1.39	1.49	0.82
Styrene	0.20	ND	ND	0.19	U 0.10	0.47	0.25	1.98	1.07	0.85	0.45
o-Xylene	0.19	0.86	0.47	0.46	0.25	0.49	0.27	1.12	0.61	0.70	0.39
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.26	0.15	0.19	0.11	0.21	0.12	1.01	0.60	0.48	0.28
Isopropylbenzene	0.18	0.17	U 0.09	0.13	U 0.07	ND	ND	0.35	0.19	0.27	0.15
a-Pinene	0.18	0.41	0.23	ND	ND	ND	ND	1.94	1.09	0.53	0.30
n-Propylbenzene	0.21	0.33	0.18	0.27	0.15	0.22	0.12	0.54	0.30	0.44	0.24
m-Ethyltoluene	0.15	0.59	0.32	0.36	0.20	0.35	0.19	0.63	0.35	0.51	0.28
p-Ethyltoluene	0.19	0.37	0.20	0.22	0.12	0.22	0.12	0.47	0.26	0.47	0.26
1,3,5-Trimethylbenzene	0.18	0.36	0.20	0.16	U 0.09	0.20	0.11	0.51	0.28	0.41	0.22
o-Ethyltoluene	0.22	0.34	0.19	0.17	U 0.09	0.17	U 0.09	0.38	0.21	0.42	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	1.35	0.76	0.20	U 0.11
1,2,4-Trimethylbenzene	0.21	1.05	0.58	0.76	0.42	0.58	0.32	1.05	0.58	0.92	0.51
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.26	0.15	0.18	U 0.10	0.17	U 0.10	0.83	0.48	0.30	0.18
1,2,3-Trimethylbenzene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	0.48	0.26
m-Diethylbenzene	0.20	2.90	1.60	0.93	0.51	0.85	0.47	0.25	0.14	0.69	0.38
p-Diethylbenzene	0.22	5.59	3.10	2.82	1.56	2.91	1.61	1.51	0.84	2.63	1.46
1-Undecene	0.22	0.49	0.29	0.35	0.20	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.46	0.27	0.34	0.20	0.26	0.15	1.05	0.61	0.44	0.26
1-Dodecene	0.24	0.17	U 0.10	0.12	U 0.07	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.35	U 0.21	0.26	U 0.15	0.24	U 0.14	0.57	0.33	0.33	U 0.19
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		133.91	78.29	46.74	27.22	83.45	49.33	120.42	69.76	88.86	51.96
TNMOC, ppbC (w/ unknowns)		819.47	819.47	432.81	432.81	489.83	489.83	449.95	449.95	296.53	296.53

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

Sioux Falls, SD (SFSD) 2003 UATMP SNMOC Final Data Report

Sample No.:		SFSD 37298	SFSD 37300
Sampling Date:		12/23/2003	12/29/2003
Analysis Date:			
Filename:		VOID	VOID
	MDL	ppbC	ug/m ³
Ethylene	0.15		
Acetylene	0.11		
Ethane	0.17		
Propylene	0.11		
Propane	0.19		
Propyne	0.19		
Isobutane	0.14		
Isobutene/1-Butene	0.17		
1,3-Butadiene	0.17		
n-Butane	0.17		
trans-2-Butene	0.17		
cis-2-Butene	0.16		
3-Methyl-1-butene	0.16		
Isopentane	0.19		
1-Pentene	0.20		
2-Methyl-1-butene	0.20		
n-Pentane	0.19		
Isoprene	0.20		
trans-2-Pentene	0.21		
cis-2-Pentene	0.22		
2-Methyl-2-butene	0.22		
2,2-Dimethylbutane	0.20		
Cyclopentene	0.20		
4-Methyl-1-pentene	0.20		
Cyclopentane	0.20		
2,3-Dimethylbutane	0.20		
2-Methylpentane	0.13		
3-Methylpentane	0.22		
2-Methyl-1-pentene	0.22		
1-Hexene	0.32		
2-Ethyl-1-butene	0.22		
n-Hexane	0.21		
trans-2-Hexene	0.21		
cis-2-Hexene	0.21		
Methylcyclopentane	0.21		
2,4-Dimethylpentane	0.22		
Benzene	0.18		
Cyclohexane	0.16		
2-Methylhexane	0.21		
2,3-Dimethylpentane	0.28		
3-Methylhexane	0.17		
1-Heptene	0.17		
2,2,4-Trimethylpentane	0.19		
n-Heptane	0.23		
Methylcyclohexane	0.25		
2,2,3-Trimethylpentane	0.25		
2,3,4-Trimethylpentane	0.20		
Toluene	0.20		
2-Methylheptane	0.17		
3-Methylheptane	0.20		
1-Octene	0.20		
n-Octane	0.21		
Ethylbenzene	0.21		
m-Xylene/p-Xylene	0.16		
Styrene	0.20		
o-Xylene	0.19		
1-Nonene	0.19		
n-Nonane	0.11		
Isopropylbenzene	0.18		
a-Pinene	0.18		
n-Propylbenzene	0.21		
m-Ethyltoluene	0.15		
p-Ethyltoluene	0.19		
1,3,5-Trimethylbenzene	0.18		
o-Ethyltoluene	0.22		
b-Pinene	0.22		
1,2,4-Trimethylbenzene	0.21		
1-Decene	0.21		
n-Decane	0.25		
1,2,3-Trimethylbenzene	0.19		
m-Diethylbenzene	0.20		
p-Diethylbenzene	0.22		
1-Undecene	0.22		
n-Undecane	0.24		
1-Dodecene	0.24		
n-Dodecane	0.49		
1-Tridecene	0.49		
n-Tridecane	0.49		
TNMOC (speciated)			
TNMOC, ppbC (w/ unknowns)			

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/13/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

Salt Lake City, UT (SLCU) 2003 UATMP SNMOC Final Data Report

Sample No.:		SLCU 31472		SLCU 31499	
Sampling Date:		1/3/2003		1/9/2003	
Analysis Date:		1/21/2003		1/21/2003	
Filename:		L3AT015		L3AT021	
	MDL	ppbC	ug/m ³	ppbC	ug/m ³
Ethylene	0.15	21.09	12.20	29.40	17.01
Acetylene	0.11	18.22	9.78	26.41	14.19
Ethane	0.17	45.63	28.30	62.82	38.96
Propylene	0.11	10.44	6.04	13.15	7.61
Propane	0.19	98.36	59.65	142.99	86.71
Propyne	0.19	ND	ND	ND	ND
Isobutane	0.14	79.19	47.47	139.12	83.39
Isobutene/1-Butene	0.17	8.32	4.82	10.57	6.12
1,3-Butadiene	0.17	1.26	0.70	1.62	0.90
n-Butane	0.17	115.65	69.32	201.58	120.83
trans-2-Butene	0.17	4.92	2.85	5.51	3.19
cis-2-Butene	0.16	4.97	2.88	5.57	3.22
3-Methyl-1-butene	0.16	1.19	0.69	1.35	0.78
Isopentane	0.19	77.00	45.84	117.25	69.80
1-Pentene	0.20	2.74	1.59	3.27	1.89
2-Methyl-1-butene	0.20	3.95	2.28	4.22	2.44
n-Pentane	0.19	41.66	24.80	64.47	38.38
Isoprene	0.20	1.15	0.64	1.63	0.92
trans-2-Pentene	0.21	4.73	2.81	4.56	2.71
cis-2-Pentene	0.22	2.32	1.38	2.34	1.40
2-Methyl-2-butene	0.22	5.31	3.07	5.38	3.11
2,2-Dimethylbutane	0.20	2.40	1.42	3.72	2.20
Cyclopentene	0.20	0.90	0.51	0.82	0.46
4-Methyl-1-pentene	0.20	ND	ND	0.56	0.32
Cyclopentane	0.20	3.20	1.85	4.44	2.57
2,3-Dimethylbutane	0.20	5.54	3.28	7.86	4.66
2-Methylpentane	0.13	18.13	10.74	26.01	15.41
3-Methylpentane	0.22	11.66	6.91	17.24	10.22
2-Methyl-1-pentene	0.22	0.67	0.40	0.98	0.58
1-Hexene	0.32	0.84	0.50	0.69	0.41
2-Ethyl-1-butene	0.22	ND	ND	ND	ND
n-Hexane	0.21	16.14	9.56	23.23	13.77
trans-2-Hexene	0.21	0.33	0.19	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND
Methylcyclopentane	0.21	8.69	5.03	11.49	6.65
2,4-Dimethylpentane	0.22	4.56	2.32	5.65	2.87
Benzene	0.18	10.80	5.80	15.93	8.56
Cyclohexane	0.16	6.06	3.51	8.80	5.09
2-Methylhexane	0.21	6.70	3.95	8.53	5.04
2,3-Dimethylpentane	0.28	8.70	5.14	10.41	6.15
3-Methylhexane	0.17	6.27	3.70	7.77	4.59
1-Heptene	0.17	1.29	0.74	1.99	1.15
2,2,4-Trimethylpentane	0.19	10.66	6.28	12.42	7.32
n-Heptane	0.23	5.87	3.47	8.04	4.75
Methylcyclohexane	0.25	6.94	4.01	10.23	5.92
2,2,3-Trimethylpentane	0.25	1.16	0.68	2.07	1.22
2,3,4-Trimethylpentane	0.20	3.20	1.88	3.91	2.30
Toluene	0.20	26.95	14.63	35.64	19.35
2-Methylheptane	0.17	1.75	1.03	2.17	1.28
3-Methylheptane	0.20	1.59	0.94	2.37	1.40
1-Octene	0.20	ND	ND	ND	ND
n-Octane	0.21	2.72	1.60	3.72	2.19
Ethylbenzene	0.21	3.78	2.27	3.92	2.35
m-Xylene/p-Xylene	0.16	14.71	8.05	16.22	8.88
Styrene	0.20	0.72	0.38	0.86	0.46
o-Xylene	0.19	4.52	2.47	5.85	3.20
1-Nonene	0.19	0.53	0.31	0.77	0.44
n-Nonane	0.11	1.61	0.95	2.19	1.29
Isopropylbenzene	0.18	ND	ND	0.26	0.15
a-Pinene	0.18	0.79	0.44	1.15	0.65
n-Propylbenzene	0.21	0.65	0.36	0.81	0.44
m-Ethyltoluene	0.15	2.29	1.26	2.91	1.60
p-Ethyltoluene	0.19	1.29	0.71	1.58	0.87
1,3,5-Trimethylbenzene	0.18	1.58	0.87	1.91	1.05
o-Ethyltoluene	0.22	1.27	0.70	1.47	0.81
b-Pinene	0.22	0.23	U 0.13	ND	ND
1,2,4-Trimethylbenzene	0.21	3.35	1.84	4.02	2.22
1-Decene	0.21	ND	ND	ND	ND
n-Decane	0.25	1.75	1.03	2.17	1.27
1,2,3-Trimethylbenzene	0.19	1.08	0.59	1.23	0.67
m-Diethylbenzene	0.20	0.81	0.45	0.61	0.34
p-Diethylbenzene	0.22	0.31	0.17	0.27	0.15
1-Undecene	0.22	1.38	0.80	0.42	0.24
n-Undecane	0.24	3.04	1.78	2.67	1.57
1-Dodecene	0.24	0.36	U 0.21	0.29	U 0.17
n-Dodecane	0.49	0.56	0.33	0.72	0.42
1-Tridecene	0.49	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND
TNMOC (speciated)		768.42	453.33	1132.16	669.21
TNMOC, ppbC (w/ unknowns)		900.73	900.73	1286.61	1286.61

Grant School, St. Louis, MI (SLMO) 2003 UATMP SNMOC Final Data Report

Sample No.:		SLMO 31487			SLMO 31489			SLMO 31649						
Sampling Date:		1/3/2003			1/9/2003			1/15/2003						
Analysis Date:		1/18/2003			2/14/2003			2/14/2003						
Filename:		L3AQ023			N3BN005			N3BN011						
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³				
Ethylene	0.15	6.71	3.36	3.88	2.99	1.50	1.73	7.21	3.61	4.17				
Acetylene	0.11	5.48	2.74	2.94	2.68	1.34	1.44	5.82	2.91	3.13				
Ethane	0.17	12.62	6.31	7.83	9.67	4.83	5.99	12.94	6.47	8.02				
Propylene	0.11	2.42	0.81	1.40	1.02	0.34	0.59	2.39	0.80	1.38				
Propane	0.19	9.10	3.03	5.52	6.79	2.26	4.12	10.67	3.56	6.47				
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isobutane	0.14	3.45	0.86	2.07	2.20	0.55	1.32	3.47	0.87	2.08				
Isobutene/1-Butene	0.17	1.58	0.39	0.91	1.29	0.32	0.75	1.75	0.44	1.01				
1,3-Butadiene	0.17	0.41	0.10	0.23	0.21	0.05	0.11	0.42	0.10	0.23				
n-Butane	0.17	11.21	2.80	6.72	5.38	1.34	3.22	10.52	2.63	6.30				
trans-2-Butene	0.17	0.26	0.06	0.15	0.13	U	0.03	U	0.07	0.16				
cis-2-Butene	0.16	0.35	0.09	0.20	0.10	U	0.02	U	0.06	0.20				
3-Methyl-1-butene	0.16	0.17	U	0.03	U	0.10	ND	ND	ND	ND				
Isopentane	0.19	7.44	1.49	4.43	3.01	0.60	1.79	6.91	1.38	4.11				
1-Pentene	0.20	0.41	0.08	0.24	0.67	0.13	0.39	0.29	0.06	0.17				
2-Methyl-1-butene	0.20	0.48	0.10	0.28	0.21	U	0.04	U	0.12	0.25				
n-Pentane	0.19	2.87	0.57	1.71	1.79	0.36	1.07	2.63	0.53	1.56				
Isoprene	0.20	0.48	0.10	0.27	0.14	U	0.03	U	0.08	0.18				
trans-2-Pentene	0.21	0.68	0.14	0.40	0.32	0.06	0.19	0.58	0.12	0.34				
cis-2-Pentene	0.22	0.34	0.07	0.20	0.12	U	0.02	U	0.07	0.17				
2-Methyl-2-butene	0.22	0.71	0.14	0.41	0.28	0.06	0.16	0.54	0.11	0.31				
2,2-Dimethylbutane	0.20	0.36	0.06	0.21	0.23	0.04	0.14	0.44	0.07	0.26				
Cyclopentene	0.20	0.24	0.05	0.13	ND	ND	ND	ND	ND	ND				
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Cyclopentane	0.20	0.45	0.09	0.26	0.14	U	0.03	U	0.08	0.28				
2,3-Dimethylbutane	0.20	0.72	0.12	0.43	0.46	0.08	0.27	0.84	0.14	0.49				
2-Methylpentane	0.13	2.78	0.46	1.65	1.20	0.20	0.71	2.43	0.40	1.44				
3-Methylpentane	0.22	1.82	0.30	1.08	0.84	0.14	0.50	2.37	0.39	1.40				
2-Methyl-1-pentene	0.22	0.15	U	0.02	U	0.09	ND	ND	ND	ND				
1-Hexene	0.32	0.20	U	0.03	U	0.12	0.22	U	0.04	U	0.13	0.78	0.13	0.46
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Hexane	0.21	1.91	0.32	1.13	1.13	0.19	0.67	2.04	0.34	1.21				
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.13	U	0.02	U	0.07		
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Methylcyclopentane	0.21	1.43	0.24	0.82	0.59	0.10	0.34	1.11	0.18	0.64				
2,4-Dimethylpentane	0.22	0.56	0.08	0.28	0.20	U	0.03	U	0.10	0.50	0.07	0.25		
Benzene	0.18	2.85	0.47	1.53	1.78	0.30	0.95	3.14	0.52	1.69				
Cyclohexane	0.16	0.52	0.09	0.30	0.30	0.05	0.17	0.73	0.12	0.42				
2-Methylhexane	0.21	1.16	0.17	0.68	0.94	0.13	0.55	1.87	0.27	1.10				
2,3-Dimethylpentane	0.28	1.02	0.15	0.60	0.39	0.06	0.23	0.94	0.13	0.55				
3-Methylhexane	0.17	1.27	0.18	0.75	0.88	0.13	0.52	1.26	0.18	0.74				
1-Heptene	0.17	ND	ND	ND	0.20	U	0.03	U	0.11	0.24	U	0.03	U	0.14
2,2,4-Trimethylpentane	0.19	1.97	0.25	1.16	0.69	0.09	0.41	1.68	0.21	0.99				
n-Heptane	0.23	0.83	0.12	0.49	0.69	0.10	0.41	0.97	0.14	0.57				
Methylcyclohexane	0.25	0.54	0.08	0.31	0.34	0.05	0.19	0.58	0.08	0.33				
2,2,3-Trimethylpentane	0.25	0.27	0.03	0.16	0.16	U	0.02	U	0.10	0.12	U	0.01	U	0.07
2,3,4-Trimethylpentane	0.20	0.70	0.09	0.41	0.45	0.06	0.27	0.74	0.09	0.43				
Toluene	0.20	5.92	0.85	3.22	3.72	0.53	2.02	7.56	1.08	4.11				
2-Methylheptane	0.17	0.43	0.05	0.25	0.23	0.03	0.14	0.48	0.06	0.28				
3-Methylheptane	0.20	0.32	0.04	0.19	0.26	0.03	0.15	0.48	0.06	0.29				
1-Octene	0.20	ND	ND	ND	0.27	0.03	0.16	0.57	0.07	0.33				
n-Octane	0.21	0.39	0.05	0.23	0.45	0.06	0.26	0.68	0.08	0.40				
Ethylbenzene	0.21	0.83	0.10	0.50	0.53	0.07	0.32	0.85	0.11	0.51				
m-Xylene/p-Xylene	0.16	4.74	0.59	2.59	5.75	0.72	3.15	6.08	0.76	3.33				
Styrene	0.20	0.52	0.07	0.28	0.51	0.06	0.27	0.71	0.09	0.38				
o-Xylene	0.19	2.34	0.29	1.28	2.92	0.37	1.60	3.41	0.43	1.87				
1-Nonene	0.19	ND	ND	ND	0.63	0.07	0.36	0.50	0.06	0.29				
n-Nonane	0.11	0.36	0.04	0.21	0.49	0.05	0.29	0.57	0.06	0.34				
Isopropylbenzene	0.18	ND	ND	ND	ND	ND	ND	0.12	U	0.01	U	0.06		
α-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Propylbenzene	0.21	0.19	U	0.02	U	0.11	0.32	0.04	0.18	0.41	0.05	0.22		
m-Ethyltoluene	0.15	0.89	0.10	0.49	0.86	0.10	0.48	1.24	0.14	0.68				
p-Ethyltoluene	0.19	0.52	0.06	0.29	0.39	0.04	0.22	0.62	0.07	0.34				
1,3,5-Trimethylbenzene	0.18	0.52	0.06	0.29	0.29	0.03	0.16	0.53	0.06	0.29				
o-Ethyltoluene	0.22	0.32	0.04	0.17	0.29	0.03	0.16	0.44	0.05	0.24				
β-Pinene	0.22	ND	ND	ND	0.38	0.04	0.21	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	0.21	1.25	0.14	0.69	1.18	0.13	0.65	1.61	0.18	0.89				
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Decane	0.25	0.36	0.04	0.21	1.13	0.11	0.66	0.56	0.06	0.33				
1,2,3-Trimethylbenzene	0.19	0.30	0.03	0.17	0.32	0.04	0.17	0.66	0.07	0.36				
m-Diethylbenzene	0.20	0.32	0.03	0.18	0.23	0.02	0.13	0.29	0.03	0.16				
p-Diethylbenzene	0.22	0.46	0.05	0.25	1.02	0.10	0.57	0.48	0.05	0.27				
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Undecane	0.24	1.05	0.10	0.61	1.12	0.10	0.66	0.85	0.08	0.50				
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Dodecane	0.49	0.18	U	0.01	U	0.10	0.09	U	0.01	U	0.06			
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TNMOC (speciated)		111.12	29.42	64.82	74.20	18.55	43.15	120.91	31.27	70.34				
TNMOC, ppbC (w/ unknowns)		228.94	228.94	228.94	160.19	160.19	160.19	190.78	190.78	190.78				

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 31652			SLMO 31835 D1			SLMO 31835 R1		
Sampling Date:		1/21/2003			1/27/2003			1/27/2003		
Analysis Date:		2/19/2003			2/20/2003			2/25/2003		
Filename:		N3BS006			N3BS015			N3BX022		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.60	1.80	2.08	4.83	2.41	2.79	6.97	*	3.48
Acetylene	0.11	3.58	1.79	1.92	4.39	2.19	2.36	4.79		2.57
Ethane	0.17	9.98	4.99	6.19	11.63	5.81	7.21	0.01	U	0.00
Propylene	0.11	1.26	0.42	0.73	1.78	0.59	1.03	2.97		1.72
Propane	0.19	7.32	2.44	4.44	9.13	3.04	5.53	35.23		21.37
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND		ND
Isobutane	0.14	2.84	0.71	1.70	2.79	0.70	1.67	3.93		2.36
Isobutene/1-Butene	0.17	1.13	0.28	0.65	2.06	0.51	1.19	1.91		1.10
1,3-Butadiene	0.17	0.14	U	0.03	0.08	0.31	0.08	0.17		0.22
n-Butane	0.17	7.10	1.77	4.25	7.22	1.80	4.33	4.84		2.90
trans-2-Butene	0.17	0.24	0.06	0.14	0.31	0.08	0.18	0.33		0.19
cis-2-Butene	0.16	0.37	0.09	0.21	0.32	0.08	0.19	0.50		0.29
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND		ND
Isopentane	0.19	4.55	0.91	2.71	4.71	0.94	2.80	5.18		3.08
1-Pentene	0.20	0.23	0.05	0.13	0.37	0.07	0.21	1.37		0.79
2-Methyl-1-butene	0.20	0.25	0.05	0.14	0.28	0.06	0.16	0.35		0.20
n-Pentane	0.19	NR	NR	NR	2.46	0.49	1.47	2.78		1.65
Isoprene	0.20	0.22	0.04	0.12	0.33	0.07	0.18	0.20		0.11
trans-2-Pentene	0.21	0.32	0.06	0.19	0.41	0.08	0.24	0.36		0.21
cis-2-Pentene	0.22	0.27	0.05	0.16	0.31	0.06	0.18	0.23		0.14
2-Methyl-2-butene	0.22	ND	ND	ND	0.40	0.08	0.23	0.24		0.14
2,2-Dimethylbutane	0.20	0.59	0.10	0.35	0.43	0.07	0.25	0.63		0.37
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND		ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND		ND
Cyclopentane	0.20	0.31	0.06	0.18	0.33	0.07	0.19	0.49		0.28
2,3-Dimethylbutane	0.20	0.55	0.09	0.33	0.72	0.12	0.43	0.87		0.52
2-Methylpentane	0.13	1.38	0.23	0.82	1.76	0.29	1.04	3.71		2.20
3-Methylpentane	0.22	1.85	0.31	1.10	1.45	0.24	0.86	2.13		1.26
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND		ND
1-Hexene	0.32	0.51	0.08	0.30	0.53	0.09	0.32	0.28	U	0.16
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND		ND
n-Hexane	0.21	1.36	0.23	0.80	1.70	0.28	1.01	1.44		0.86
trans-2-Hexene	0.21	ND	ND	ND	0.13	U	0.02	0.07		ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND		ND
Methylcyclopentane	0.21	0.67	0.11	0.39	0.99	0.16	0.57	0.85		0.49
2,4-Dimethylpentane	0.22	0.34	0.05	0.17	0.48	0.07	0.24	0.43		0.22
Benzene	0.18	1.88	0.31	1.01	2.67	0.44	1.43	3.05		1.64
Cyclohexane	0.16	0.47	0.08	0.27	0.50	0.08	0.29	0.69		0.40
2-Methylhexane	0.21	0.39	0.06	0.23	1.84	0.26	1.08	2.31		1.36
2,3-Dimethylpentane	0.28	0.48	0.07	0.28	1.35	0.19	0.80	1.77		1.04
3-Methylhexane	0.17	0.57	0.08	0.33	1.24	0.18	0.73	1.41		0.83
1-Heptene	0.17	0.13	U	0.02	0.08	0.30	0.04	0.17	U	0.15
2,2,4-Trimethylpentane	0.19	1.03	0.13	0.61	1.18	0.15	0.70	1.10		0.65
n-Heptane	0.23	0.65	0.09	0.38	1.11	0.16	0.65	0.91		0.54
Methylcyclohexane	0.25	0.52	0.07	0.30	0.66	0.09	0.38	0.48		0.28
2,2,3-Trimethylpentane	0.25	0.13	U	0.02	0.07	ND	ND	0.15	U	0.09
2,3,4-Trimethylpentane	0.20	0.50	0.06	0.29	0.60	0.07	0.35	0.37		0.22
Toluene	0.20	3.54	0.51	1.92	5.97	0.85	3.24	8.68		4.72
2-Methylheptane	0.17	0.34	0.04	0.20	0.44	0.06	0.26	0.18		0.10
3-Methylheptane	0.20	0.27	0.03	0.16	0.44	0.05	0.26	0.24		0.14
1-Octene	0.20	0.23	0.03	0.14	0.39	0.05	0.23	ND		ND
n-Octane	0.21	0.60	0.07	0.35	0.78	0.10	0.46	0.33		0.20
Ethylbenzene	0.21	0.61	0.08	0.36	0.59	0.07	0.35	0.56		0.34
m-Xylene/p-Xylene	0.16	3.09	0.39	1.69	3.00	0.37	1.64	1.98		1.08
Styrene	0.20	0.21	0.03	0.11	0.39	0.05	0.21	ND		ND
o-Xylene	0.19	1.28	0.16	0.70	1.64	0.20	0.90	0.76		0.41
1-Nonene	0.19	0.29	0.03	0.17	0.21	0.02	0.12	ND		ND
n-Nonane	0.11	0.48	0.05	0.28	0.48	0.05	0.28	0.18		0.11
Isopropylbenzene	0.18	ND	ND	ND	0.22	0.02	0.12	ND		ND
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND		ND
n-Propylbenzene	0.21	0.33	0.04	0.18	0.39	0.04	0.22	ND		ND
m-Ethyltoluene	0.15	0.53	0.06	0.29	0.75	0.08	0.41	0.29		0.16
p-Ethyltoluene	0.19	0.35	0.04	0.19	0.45	0.05	0.25	0.15	U	0.08
1,3,5-Trimethylbenzene	0.18	0.21	0.02	0.12	0.40	0.04	0.22	ND		ND
o-Ethyltoluene	0.22	0.30	0.03	0.17	0.41	0.05	0.23	ND		ND
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND		ND
1,2,4-Trimethylbenzene	0.21	0.67	0.07	0.37	1.03	0.11	0.57	0.21	U	0.12
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND		ND
n-Decane	0.25	0.37	0.04	0.21	0.59	0.06	0.34	0.20	U	0.11
1,2,3-Trimethylbenzene	0.19	0.19	U	0.02	0.10	0.44	0.05	0.24		ND
m-Diethylbenzene	0.20	0.14	U	0.01	0.08	0.16	U	0.09		ND
p-Diethylbenzene	0.22	0.21	U	0.02	0.11	0.38	0.04	0.21		ND
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND		ND
n-Undecane	0.24	0.22	U	0.02	0.13	1.95	0.18	1.15		ND
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND		ND
n-Dodecane	0.49	ND	ND	ND	ND	ND	ND	ND		ND
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND		ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND		ND
TNMOC (speciated)		72.11	19.61	42.19	95.44	24.89	55.70	109.63	29.25	64.20
TNMOC, ppbC (w/ unknowns)		113.16	113.16	113.16	137.29	137.29	137.29	218.82	218.82	218.82

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 31836 D2			SLMO 31836 R2			SLMO 31839		
Sampling Date:		1/27/2003			1/27/2003			2/2/2003		
Analysis Date:		2/20/2003			2/20/2003			2/28/2003		
Filename:		N3BS016			L3BX023			L3B-015		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.63	2.32	2.68	5.32	* 2.66	* 3.08	5.89	* 2.95	* 3.41
Acetylene	0.11	4.37	2.19	2.35	4.45	2.23	2.39	4.47	2.24	2.40
Ethane	0.17	11.31	5.65	7.01	0.01	U 0.01	U 0.01	24.99	12.49	15.50
Propylene	0.11	1.69	0.56	0.98	1.80	0.60	1.04	1.75	0.58	1.01
Propane	0.19	8.83	2.94	5.36	8.53	2.84	5.17	15.36	5.12	9.32
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.62	0.66	1.57	2.85	0.71	1.71	5.13	1.28	3.08
Isobutene/1-Butene	0.17	1.43	0.36	0.83	1.80	0.45	1.04	1.49	0.37	0.86
1,3-Butadiene	0.17	0.28	0.07	0.16	0.29	0.07	0.16	0.30	0.07	0.16
n-Butane	0.17	7.03	1.76	4.22	7.22	1.81	4.33	13.67	3.42	8.19
trans-2-Butene	0.17	0.39	0.10	0.23	0.18	0.05	0.10	0.26	0.07	0.15
cis-2-Butene	0.16	0.33	0.08	0.19	0.21	0.05	0.12	0.31	0.08	0.18
3-Methyl-1-butene	0.16	0.11	U 0.02	U 0.06	ND	ND	ND	ND	ND	ND
Isopentane	0.19	4.64	0.93	2.76	4.94	0.99	2.94	8.78	1.76	5.22
1-Pentene	0.20	0.30	0.06	0.17	0.51	0.10	0.29	0.39	0.08	0.22
2-Methyl-1-butene	0.20	0.29	0.06	0.16	0.35	0.07	0.20	0.49	0.10	0.29
n-Pentane	0.19	2.32	0.46	1.38	2.48	0.50	1.48	3.87	0.77	2.30
Isoprene	0.20	0.32	0.06	0.18	0.19	U 0.04	U 0.11	0.46	0.09	0.26
trans-2-Pentene	0.21	0.43	0.09	0.25	0.35	0.07	0.21	0.52	0.10	0.31
cis-2-Pentene	0.22	0.33	0.07	0.20	0.22	0.04	0.13	0.21	U 0.04	U 0.12
2-Methyl-2-butene	0.22	0.40	0.08	0.23	0.38	0.08	0.22	0.58	0.12	0.34
2,2-Dimethylbutane	0.20	0.45	0.08	0.27	0.32	0.05	0.19	0.47	0.08	0.28
Cyclopentene	0.20	ND	ND	ND	0.21	U 0.04	U 0.12	0.22	0.04	0.13
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.37	0.07	0.21	0.51	0.10	0.29	0.57	0.11	0.33
2,3-Dimethylbutane	0.20	0.64	0.11	0.38	0.49	0.08	0.29	0.70	0.12	0.42
2-Methylpentane	0.13	1.72	0.29	1.02	1.94	0.32	1.15	2.61	0.43	1.54
3-Methylpentane	0.22	1.41	0.24	0.84	1.85	0.31	1.10	2.71	0.45	1.61
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.58	0.10	0.34	0.25	U 0.04	U 0.15	0.20	U 0.03	U 0.12
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.54	0.26	0.91	1.63	0.27	0.97	1.79	0.30	1.06
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.91	0.15	0.52	1.09	0.18	0.63	1.13	0.19	0.66
2,4-Dimethylpentane	0.22	0.49	0.07	0.25	0.36	0.05	0.18	0.38	0.05	0.20
Benzene	0.18	2.88	0.48	1.55	2.60	0.43	1.39	2.87	0.48	1.54
Cyclohexane	0.16	0.58	0.10	0.34	0.69	0.11	0.40	0.53	0.09	0.31
2-Methylhexane	0.21	2.23	0.32	1.32	2.33	0.33	1.38	1.45	0.21	0.86
2,3-Dimethylpentane	0.28	0.95	0.14	0.56	0.88	0.13	0.52	0.60	0.09	0.35
3-Methylhexane	0.17	1.67	0.24	0.99	1.70	0.24	1.00	1.89	0.27	1.11
1-Heptene	0.17	0.28	U 0.04	U 0.16	0.31	0.04	0.18	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.26	0.16	0.74	1.02	0.13	0.60	1.46	0.18	0.86
n-Heptane	0.23	1.11	0.16	0.66	0.97	0.14	0.57	0.92	0.13	0.54
Methylcyclohexane	0.25	0.62	0.09	0.36	0.46	0.07	0.27	0.41	0.06	0.24
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.27	0.03	0.16
2,3,4-Trimethylpentane	0.20	0.52	0.06	0.31	0.55	0.07	0.32	0.56	0.07	0.33
Toluene	0.20	10.99	1.57	5.97	5.53	0.79	3.00	4.61	0.66	2.50
2-Methylheptane	0.17	0.38	0.05	0.23	0.36	0.04	0.21	0.50	0.06	0.30
3-Methylheptane	0.20	0.47	0.06	0.28	0.30	0.04	0.18	0.49	0.06	0.29
1-Octene	0.20	0.13	U 0.02	U 0.07	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.64	0.08	0.38	0.52	0.06	0.31	0.37	0.05	0.22
Ethylbenzene	0.21	0.83	0.10	0.49	0.60	0.08	0.36	0.82	0.10	0.49
m-Xylene/p-Xylene	0.16	3.39	0.42	1.85	2.81	0.35	1.54	5.05	0.63	2.77
Styrene	0.20	0.40	0.05	0.22	0.24	0.03	0.13	1.31	0.16	0.70
o-Xylene	0.19	1.48	0.19	0.81	1.09	0.14	0.60	2.32	0.29	1.27
1-Nonene	0.19	0.21	U 0.02	U 0.12	ND	ND	ND	0.78	0.09	0.45
n-Nonane	0.11	0.36	0.04	0.21	0.54	0.06	0.32	0.54	0.06	0.32
Isopropylbenzene	0.18	0.24	0.03	0.13	ND	ND	ND	ND	ND	ND
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.44	0.05	0.24	0.24	0.03	0.13	ND	ND	ND
m-Ethyltoluene	0.15	0.76	0.08	0.42	0.51	0.06	0.28	0.97	0.11	0.53
p-Ethyltoluene	0.19	0.48	0.05	0.27	0.27	0.03	0.15	0.65	0.07	0.36
1,3,5-Trimethylbenzene	0.18	0.39	0.04	0.22	0.28	0.03	0.16	0.35	0.04	0.19
o-Ethyltoluene	0.22	0.44	0.05	0.24	0.40	0.04	0.22	ND	ND	ND
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	2.35	0.24	1.32
1,2,4-Trimethylbenzene	0.21	0.97	0.11	0.54	0.89	0.10	0.49	1.19	0.13	0.65
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.51	0.05	0.30	0.49	0.05	0.29	1.02	0.10	0.60
1,2,3-Trimethylbenzene	0.19	0.36	0.04	0.20	0.23	0.03	0.13	0.47	0.05	0.26
m-Diethylbenzene	0.20	0.20	0.02	0.11	ND	ND	ND	0.42	0.04	0.23
p-Diethylbenzene	0.22	0.29	0.03	0.16	0.24	0.02	0.13	0.75	0.08	0.42
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.53	0.05	0.30
n-Undecane	0.24	1.61	0.15	0.95	2.15	0.20	1.26	12.07	1.10	7.08
1-Dodecene	0.24	ND	ND	ND	0.18	U 0.02	U 0.10	0.59	0.05	0.34
n-Dodecane	0.49	ND	ND	ND	0.22	U 0.02	U 0.13	1.17	0.10	0.68
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		98.22	24.94	57.08	80.32	18.71	46.54	149.96	39.46	88.23
TNMOC, ppbC (w/ unknowns)		134.82	134.82	134.82	183.08	183.08	183.08	333.86	333.86	333.86

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 31997			SLMO 31999			SLMO 32001		
Sampling Date:		2/8/2003			2/14/2003			2/20/2003		
Analysis Date:		3/8/2003			3/14/2003			3/19/2003		
Filename:		N3CG019			L3CM012			L3CR028		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	5.74	2.87	3.32	6.57	* 3.29	* 3.80	8.96	* 4.48	* 5.19
Acetylene	0.11	4.72	2.36	2.54	4.80	2.40	2.58	7.20	3.60	3.87
Ethane	0.17	17.06	8.53	10.58	19.26	9.63	11.95	27.95	13.97	17.33
Propylene	0.11	1.96	0.65	1.13	2.52	0.84	1.46	3.25	1.08	1.88
Propane	0.19	12.40	4.13	7.52	19.21	6.40	11.65	21.84	7.28	13.24
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	3.62	0.91	2.17	4.82	1.20	2.89	5.86	1.46	3.51
Isobutene/1-Butene	0.17	1.35	0.34	0.78	1.64	0.41	0.95	2.02	0.50	1.17
1,3-Butadiene	0.17	0.30	0.08	0.17	0.41	0.10	0.23	0.54	0.14	0.30
n-Butane	0.17	9.46	2.37	5.67	18.62	4.65	11.16	20.39	5.10	12.22
trans-2-Butene	0.17	0.28	0.07	0.16	0.39	0.10	0.23	0.87	0.22	0.50
cis-2-Butene	0.16	0.49	0.12	0.28	0.43	0.11	0.25	1.12	0.28	0.65
3-Methyl-1-butene	0.16	ND	ND	ND	0.18	U 0.04	U 0.10	0.24	0.05	0.14
Isopentane	0.19	5.43	1.09	3.23	10.42	2.08	6.20	13.41	2.68	7.98
1-Pentene	0.20	0.20	U 0.04	U 0.11	0.38	0.08	0.22	1.04	0.21	0.60
2-Methyl-1-butene	0.20	0.31	0.06	0.18	0.53	0.11	0.31	0.72	0.14	0.41
n-Pentane	0.19	3.05	0.61	1.82	5.13	1.03	3.05	6.15	1.23	3.66
Isoprene	0.20	0.24	0.05	0.13	0.64	0.13	0.36	1.23	0.25	0.69
trans-2-Pentene	0.21	0.40	0.08	0.24	0.52	0.10	0.31	1.09	0.22	0.65
cis-2-Pentene	0.22	0.29	0.06	0.17	0.28	0.06	0.17	0.83	0.17	0.49
2-Methyl-2-butene	0.22	0.34	0.07	0.19	0.52	0.10	0.30	0.83	0.17	0.48
2,2-Dimethylbutane	0.20	0.43	0.07	0.25	0.47	0.08	0.28	1.13	0.19	0.67
Cyclopentene	0.20	ND	ND	ND	0.29	0.06	0.16	0.29	0.06	0.16
4-Methyl-1-pentene	0.20	ND	ND	ND	0.47	0.08	0.27	ND	ND	ND
Cyclopentane	0.20	0.34	0.07	0.19	0.66	0.13	0.38	0.86	0.17	0.49
2,3-Dimethylbutane	0.20	0.73	0.12	0.43	0.69	0.12	0.41	1.80	0.30	1.07
2-Methylpentane	0.13	2.25	0.37	1.33	2.87	0.48	1.70	4.01	0.67	2.38
3-Methylpentane	0.22	2.92	0.49	1.73	3.17	0.53	1.88	3.51	0.59	2.08
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.53	0.09	0.31	0.22	U 0.04	U 0.13	1.03	0.17	0.61
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.78	0.30	1.06	4.46	0.74	2.64	4.85	0.81	2.87
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.05	0.17	0.61	1.83	0.31	1.06	2.32	0.39	1.34
2,4-Dimethylpentane	0.22	0.42	0.06	0.22	0.37	0.05	0.19	1.05	0.15	0.53
Benzene	0.18	3.03	0.50	1.63	2.51	0.42	1.35	2.62	0.44	1.41
Cyclohexane	0.16	0.57	0.09	0.33	0.88	0.15	0.51	1.22	0.20	0.71
2-Methylhexane	0.21	0.94	0.13	0.56	0.71	0.10	0.42	1.58	0.23	0.93
2,3-Dimethylpentane	0.28	0.56	0.08	0.33	0.48	0.07	0.28	1.37	0.20	0.81
3-Methylhexane	0.17	0.41	0.06	0.24	1.65	0.24	0.98	2.10	0.30	1.24
1-Heptene	0.17	0.28	U 0.04	U 0.16	0.40	0.06	0.23	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.13	0.14	0.66	1.42	0.18	0.83	2.10	0.26	1.24
n-Heptane	0.23	0.96	0.14	0.57	1.01	0.14	0.60	1.06	0.15	0.63
Methylcyclohexane	0.25	0.53	0.08	0.31	0.67	0.10	0.38	1.23	0.18	0.71
2,2,3-Trimethylpentane	0.25	ND	ND	ND	0.27	0.03	0.16	0.35	0.04	0.21
2,3,4-Trimethylpentane	0.20	0.48	0.06	0.28	0.51	0.06	0.30	0.86	0.11	0.51
Toluene	0.20	4.91	0.70	2.67	5.22	# 0.75	2.83	5.91	0.84	3.21
2-Methylheptane	0.17	1.55	0.19	0.91	0.53	0.07	0.31	0.99	0.12	0.58
3-Methylheptane	0.20	0.34	0.04	0.20	0.31	0.04	0.18	0.71	0.09	0.42
1-Octene	0.20	0.45	0.06	0.26	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.64	0.08	0.37	0.40	0.05	0.23	0.84	0.10	0.49
Ethylbenzene	0.21	1.07	0.13	0.64	0.95	0.12	0.57	1.18	0.15	0.70
m-Xylene/p-Xylene	0.16	2.36	0.30	1.29	5.49	0.69	3.01	6.51	0.81	3.57
Styrene	0.20	0.12	U 0.01	U 0.06	0.35	0.04	0.19	0.89	0.11	0.48
o-Xylene	0.19	1.16	0.15	0.64	2.60	0.33	1.42	2.97	0.37	1.63
1-Nonene	0.19	0.12	U 0.01	U 0.07	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.47	0.05	0.28	0.60	0.07	0.35	0.87	0.10	0.51
Isopropylbenzene	0.18	0.17	U 0.02	U 0.09	0.34	0.04	0.19	0.54	0.06	0.30
a-Pinene	0.18	ND	ND	ND	0.91	0.09	0.51	ND	ND	ND
n-Propylbenzene	0.21	0.34	0.04	0.18	0.46	0.05	0.26	0.73	0.08	0.40
m-Ethyltoluene	0.15	0.59	0.07	0.32	1.10	0.12	0.61	1.53	0.17	0.84
p-Ethyltoluene	0.19	0.36	0.04	0.20	0.57	0.06	0.31	1.16	0.13	0.64
1,3,5-Trimethylbenzene	0.18	0.25	0.03	0.14	0.45	0.05	0.25	1.11	0.12	0.61
o-Ethyltoluene	0.22	0.39	0.04	0.21	0.58	0.06	0.32	0.81	0.09	0.45
b-Pinene	0.22	ND	ND	ND	0.37	0.04	0.21	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.62	0.07	0.34	1.54	0.17	0.85	2.30	0.26	1.27
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.72	0.07	0.42	0.63	0.06	0.37	1.07	0.11	0.63
1,2,3-Trimethylbenzene	0.19	0.19	0.02	0.11	0.39	0.04	0.21	0.73	0.08	0.40
m-Diethylbenzene	0.20	0.21	0.02	0.12	0.31	0.03	0.17	0.94	0.09	0.52
p-Diethylbenzene	0.22	0.16	U 0.02	U 0.09	0.78	0.08	0.43	0.98	0.10	0.54
1-Undecene	0.22	ND	ND	ND	0.30	0.03	0.17	0.24	U 0.02	U 0.14
n-Undecane	0.24	2.27	0.21	1.33	0.97	0.09	0.57	1.96	0.18	1.15
1-Dodecene	0.24	ND	ND	ND	0.25	U 0.02	U 0.14	ND	ND	ND
n-Dodecane	0.49	ND	ND	ND	0.44	U 0.04	U 0.26	0.66	0.05	0.38
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		106.43	29.91	62.57	150.07	40.22	88.21	196.46	53.05	115.42
TNMOC, ppbC (w/ unknowns)		200.82	200.82	200.82	283.96	283.96	283.96	300.60	300.60	300.60

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 32176 D1			SLMO 32176 R1			SLMO 32177 D2		
Sampling Date:		2/26/2003			2/26/2003			2/26/2003		
Analysis Date:		3/26/2003			3/26/2003			3/26/2003		
Filename:		N3CY011			N3CZ011			N3CY012		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.68	2.34	2.71	4.62	2.31	2.67	4.78	2.39	2.76
Acetylene	0.11	4.97	2.48	2.67	4.90	2.45	2.63	5.01	2.51	2.69
Ethane	0.17	10.91	5.46	6.77	10.80	5.40	6.70	10.95	5.47	6.79
Propylene	0.11	1.42	0.47	0.82	1.46	0.49	0.85	1.49	0.50	0.86
Propane	0.19	18.93	6.31	11.48	18.73	6.24	11.36	19.05	6.35	11.55
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	3.14	0.78	1.88	3.14	0.78	1.88	3.23	0.81	1.93
Isobutene/1-Butene	0.17	1.20	0.30	0.69	1.21	0.30	0.70	1.35	0.34	0.78
1,3-Butadiene	0.17	ND	ND	ND	0.18	0.04	0.10	ND	ND	ND
n-Butane	0.17	10.09	2.52	6.05	9.98	2.49	5.98	10.17	2.54	6.09
trans-2-Butene	0.17	0.29	0.07	0.17	0.28	0.07	0.16	0.31	0.08	0.18
cis-2-Butene	0.16	0.29	0.07	0.17	0.30	0.08	0.18	0.30	0.08	0.17
3-Methyl-1-butene	0.16	ND	ND	ND	0.11	U	0.02	U	0.06	ND
Isopentane	0.19	5.86	1.17	3.49	5.86	1.17	3.49	5.89	1.18	3.51
1-Pentene	0.20	0.28	0.06	0.16	0.39	0.08	0.23	0.28	0.06	0.16
2-Methyl-1-butene	0.20	0.35	0.07	0.20	0.32	0.06	0.18	0.37	0.07	0.21
n-Pentane	0.19	2.97	0.59	1.77	2.85	0.57	1.70	2.93	0.59	1.75
Isoprene	0.20	0.28	0.06	0.16	0.28	0.06	0.16	0.27	0.05	0.15
trans-2-Pentene	0.21	0.48	0.10	0.28	0.47	0.09	0.28	0.53	0.11	0.31
cis-2-Pentene	0.22	0.33	0.07	0.19	0.31	0.06	0.19	0.36	0.07	0.21
2-Methyl-2-butene	0.22	0.44	0.09	0.25	0.46	0.09	0.26	0.45	0.09	0.26
2,2-Dimethylbutane	0.20	0.46	0.08	0.27	0.43	0.07	0.26	0.44	0.07	0.26
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.38	0.08	0.22	0.32	0.06	0.19	0.46	0.09	0.27
2,3-Dimethylbutane	0.20	0.62	0.10	0.37	0.67	0.11	0.40	0.72	0.12	0.43
2-Methylpentane	0.13	1.97	0.33	1.17	1.81	0.30	1.07	2.16	0.36	1.28
3-Methylpentane	0.22	1.26	0.21	0.74	1.39	0.23	0.82	1.40	0.23	0.83
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.26	U	0.04	U	0.15	0.35	0.06	0.20	0.32
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.27	0.38	1.34	2.14	0.36	1.27	2.25	0.37	1.33
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.02	0.17	0.59	1.06	0.18	0.61	1.08	0.18	0.62
2,4-Dimethylpentane	0.22	0.39	0.06	0.20	0.38	0.05	0.19	0.38	0.05	0.19
Benzene	0.18	2.78	0.46	1.49	2.69	0.45	1.44	2.77	0.46	1.49
Cyclohexane	0.16	0.43	0.07	0.25	0.43	0.07	0.25	0.49	0.08	0.28
2-Methylhexane	0.21	1.53	0.22	0.90	1.78	0.25	1.05	1.64	0.23	0.97
2,3-Dimethylpentane	0.28	0.84	0.12	0.50	0.72	0.10	0.43	0.61	0.09	0.36
3-Methylhexane	0.17	0.92	0.13	0.54	ND	ND	ND	0.95	0.14	0.56
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.22	0.15	0.72	1.32	0.16	0.78	1.25	0.16	0.74
n-Heptane	0.23	0.82	0.12	0.48	0.72	0.10	0.43	0.81	0.12	0.48
Methylcyclohexane	0.25	0.50	0.07	0.29	0.56	0.08	0.32	0.52	0.07	0.30
2,2,3-Trimethylpentane	0.25	0.26	0.03	0.15	ND	ND	ND	0.26	0.03	0.15
2,3,4-Trimethylpentane	0.20	0.41	0.05	0.24	0.48	0.06	0.28	0.54	0.07	0.32
Toluene	0.20	4.94	0.71	2.68	4.82	0.69	2.62	5.12	0.73	2.78
2-Methylheptane	0.17	0.37	0.05	0.22	0.34	0.04	0.20	0.33	0.04	0.20
3-Methylheptane	0.20	0.32	0.04	0.19	0.36	0.04	0.21	0.37	0.05	0.22
1-Octene	0.20	0.29	0.04	0.17	0.19	U	0.02	U	0.11	0.27
n-Octane	0.21	0.58	0.07	0.34	0.51	0.06	0.30	0.57	0.07	0.33
Ethylbenzene	0.21	0.57	0.07	0.34	0.72	0.09	0.43	1.20	0.15	0.72
m-Xylene/p-Xylene	0.16	3.57	0.45	1.96	3.79	0.47	2.08	4.05	0.51	2.22
Styrene	0.20	0.35	0.04	0.19	0.40	0.05	0.21	0.70	0.09	0.38
o-Xylene	0.19	1.56	0.19	0.85	1.69	0.21	0.93	1.65	0.21	0.90
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.43	0.05	0.25	0.39	0.04	0.23	0.38	0.04	0.23
Isopropylbenzene	0.18	0.19	0.02	0.11	0.16	U	0.02	U	0.09	0.12
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.42	0.05	0.23	0.50	0.06	0.28	0.42	0.05	0.23
m-Ethyltoluene	0.15	0.92	0.10	0.50	0.84	0.09	0.47	0.84	0.09	0.46
p-Ethyltoluene	0.19	0.51	0.06	0.28	0.49	0.05	0.27	0.52	0.06	0.28
1,3,5-Trimethylbenzene	0.18	0.48	0.05	0.26	0.47	0.05	0.26	0.42	0.05	0.23
o-Ethyltoluene	0.22	0.32	0.04	0.18	0.35	0.04	0.19	0.35	0.04	0.20
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.14	0.13	0.63	1.12	0.12	0.62	1.01	0.11	0.55
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.49	0.05	0.29	0.33	0.03	0.19	0.45	0.05	0.27
1,2,3-Trimethylbenzene	0.19	0.59	0.07	0.32	0.59	0.07	0.33	0.36	0.04	0.20
m-Diethylbenzene	0.20	0.29	0.03	0.16	0.31	0.03	0.17	0.27	0.03	0.15
p-Diethylbenzene	0.22	0.43	0.04	0.24	0.46	0.05	0.26	0.24	0.02	0.14
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.75	0.07	0.44	0.63	0.06	0.37	0.56	0.05	0.33
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.28	U	0.02	U	0.16	0.22	U	0.13	0.19
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		104.99	28.30	61.52	103.58	28.01	60.67	107.24	28.80	62.83
TNMOC, ppbC (w/ unknowns)		162.25	162.25	162.25	161.02	161.02	161.02	157.24	157.24	157.24

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 32177 R2			SLMO 32179			SLMO 32310		
Sampling Date:		2/26/2003			3/4/2003			3/10/2003		
Analysis Date:		3/27/2003			3/26/2003			3/26/2003		
Filename:		N3CZ012			L3CY012			L3CY018		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.72	2.36	2.73	6.26	3.13	3.62	4.22	2.11	2.44
Acetylene	0.11	4.94	2.47	2.66	6.01	3.01	3.23	4.05	2.02	2.18
Ethane	0.17	10.80	5.40	6.70	17.83	8.92	11.06	11.96	5.98	7.42
Propylene	0.11	1.48	0.49	0.86	2.42	0.81	1.40	1.70	0.57	0.99
Propane	0.19	19.15	6.38	11.61	40.70	13.57	24.68	23.57	7.86	14.30
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	3.19	0.80	1.91	3.93	0.98	2.36	4.24	1.06	2.54
Isobutene/1-Butene	0.17	1.36	0.34	0.78	2.58	0.65	1.49	1.91	0.48	1.11
1,3-Butadiene	0.17	0.15	0.04	0.08	0.36	0.09	0.20	0.21	0.05	0.12
n-Butane	0.17	10.14	2.53	6.08	10.22	2.55	6.12	8.97	2.24	5.38
trans-2-Butene	0.17	0.36	0.09	0.21	0.52	0.13	0.30	0.41	0.10	0.24
cis-2-Butene	0.16	0.26	0.07	0.15	0.70	0.18	0.41	0.59	0.15	0.34
3-Methyl-1-butene	0.16	0.12	0.02	0.07	ND	ND	ND	ND	ND	ND
Isopentane	0.19	5.86	1.17	3.49	6.71	1.34	3.99	5.26	1.05	3.13
1-Pentene	0.20	0.28	0.06	0.16	0.82	0.16	0.47	0.48	0.10	0.28
2-Methyl-1-butene	0.20	0.35	0.07	0.20	0.43	0.09	0.25	0.27	0.05	0.16
n-Pentane	0.19	2.94	0.59	1.75	3.40	0.68	2.02	3.26	0.65	1.94
Isoprene	0.20	0.23	0.05	0.13	1.03	0.21	0.58	0.91	0.18	0.51
trans-2-Pentene	0.21	0.47	0.09	0.28	0.87	0.17	0.52	0.57	0.11	0.34
cis-2-Pentene	0.22	0.32	0.06	0.19	0.74	0.15	0.44	0.56	0.11	0.34
2-Methyl-2-butene	0.22	0.43	0.09	0.25	0.57	0.11	0.33	0.28	0.06	0.16
2,2-Dimethylbutane	0.20	0.41	0.07	0.24	0.98	0.16	0.58	0.72	0.12	0.43
Cyclopentene	0.20	ND	ND	ND	0.20	U	0.04	U	0.11	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.33	0.07	0.19	0.72	0.14	0.42	0.69	0.14	0.40
2,3-Dimethylbutane	0.20	0.74	0.12	0.44	1.35	0.22	0.80	0.95	0.16	0.57
2-Methylpentane	0.13	1.99	0.33	1.18	3.04	0.51	1.80	1.75	0.29	1.04
3-Methylpentane	0.22	1.46	0.24	0.86	2.68	0.45	1.59	2.54	0.42	1.51
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.42	0.07	0.25	1.09	0.18	0.64	0.84	0.14	0.50
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.20	0.37	1.30	2.58	0.43	1.53	2.39	0.40	1.41
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.05	0.18	0.61	1.50	0.25	0.87	1.16	0.19	0.67
2,4-Dimethylpentane	0.22	0.35	0.05	0.18	0.92	0.13	0.47	0.71	0.10	0.36
Benzene	0.18	2.70	0.45	1.45	3.33	0.56	1.79	2.41	0.40	1.29
Cyclohexane	0.16	0.47	0.08	0.27	1.28	0.21	0.74	1.00	0.17	0.58
2-Methylhexane	0.21	1.16	0.17	0.68	1.86	0.27	1.10	0.61	0.09	0.36
2,3-Dimethylpentane	0.28	0.82	0.12	0.49	1.33	0.19	0.78	0.74	0.11	0.44
3-Methylhexane	0.17	ND	ND	ND	2.20	0.31	1.30	2.13	0.30	1.26
1-Heptene	0.17	0.19	U	0.03	U	0.11	0.22	U	0.03	U
2,2,4-Trimethylpentane	0.19	1.08	0.14	0.64	1.77	0.22	1.04	1.19	0.15	0.70
n-Heptane	0.23	0.81	0.12	0.48	1.52	0.22	0.90	0.85	0.12	0.50
Methylcyclohexane	0.25	0.49	0.07	0.28	1.04	0.15	0.60	0.76	0.11	0.44
2,2,3-Trimethylpentane	0.25	0.28	0.03	0.16	0.24	0.03	0.14	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.48	0.06	0.28	0.94	0.12	0.55	0.57	0.07	0.34
Toluene	0.20	4.96	0.71	2.69	5.80	0.83	3.15	3.29	0.47	1.78
2-Methylheptane	0.17	0.33	0.04	0.19	0.94	0.12	0.55	0.72	0.09	0.42
3-Methylheptane	0.20	0.41	0.05	0.24	0.98	0.12	0.58	0.49	0.06	0.29
1-Octene	0.20	0.25	0.03	0.14	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.53	0.07	0.31	1.16	0.14	0.68	0.70	0.09	0.41
Ethylbenzene	0.21	1.14	0.14	0.68	1.07	0.13	0.64	0.81	0.10	0.49
m-Xylene/p-Xylene	0.16	4.39	0.55	2.40	5.54	0.69	3.03	3.08	0.38	1.68
Styrene	0.20	0.51	0.06	0.27	0.72	0.09	0.39	0.44	0.05	0.24
o-Xylene	0.19	1.47	0.18	0.80	2.75	0.34	1.51	1.23	0.15	0.67
1-Nonene	0.19	ND	ND	ND	0.26	0.03	0.15	ND	ND	ND
n-Nonane	0.11	0.35	0.04	0.20	0.97	0.11	0.57	0.49	0.05	0.29
Isopropylbenzene	0.18	0.18	0.02	0.10	0.35	0.04	0.19	0.33	0.04	0.18
a-Pinene	0.18	ND	ND	ND	0.66	0.07	0.37	ND	ND	ND
n-Propylbenzene	0.21	0.38	0.04	0.21	0.40	0.04	0.22	0.27	0.03	0.15
m-Ethyltoluene	0.15	0.82	0.09	0.45	0.98	0.11	0.54	0.53	0.06	0.29
p-Ethyltoluene	0.19	0.46	0.05	0.25	0.74	0.08	0.41	0.39	0.04	0.21
1,3,5-Trimethylbenzene	0.18	0.43	0.05	0.24	0.54	0.06	0.30	0.30	0.03	0.17
o-Ethyltoluene	0.22	0.32	0.04	0.17	0.49	0.05	0.27	0.42	0.05	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.95	0.11	0.52	1.34	0.15	0.74	0.79	0.09	0.44
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.48	0.05	0.28	1.19	0.12	0.70	0.39	0.04	0.23
1,2,3-Trimethylbenzene	0.19	0.36	0.04	0.20	0.58	0.06	0.32	0.28	0.03	0.16
m-Diethylbenzene	0.20	0.15	U	0.01	U	0.08	0.48	0.05	0.27	0.03
p-Diethylbenzene	0.22	0.25	0.02	0.14	0.73	0.07	0.41	0.43	0.04	0.24
1-Undecene	0.22	ND	ND	ND	0.47	0.04	0.27	ND	ND	ND
n-Undecane	0.24	0.53	0.05	0.31	8.12	0.74	4.76	0.40	0.04	0.23
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.16	U	0.01	U	0.09	1.51	0.13	0.88	0.41
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		104.73	28.37	61.37	175.66	46.16	103.26	112.11	30.46	65.99
TNMOC, ppbC (w/ unknowns)		153.22	153.22	153.22	321.65	321.65	321.65	208.19	208.19	208.19

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 32450			SLMO 32458			SLMO 32566		
Sampling Date:		3/16/2003			3/22/2003			3/28/2003		
Analysis Date:		3/26/2003			3/26/2003			4/11/2003		
Filename:		L3CY020			L3CY021			L3DK011		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	6.16	3.08	3.57	7.79	3.89	4.51	2.79	1.40	1.61
Acetylene	0.11	4.86	2.43	2.61	5.88	2.94	3.16	2.49	1.24	1.34
Ethane	0.17	21.69	10.84	13.45	16.44	8.22	10.20	9.09	4.54	5.64
Propylene	0.11	2.61	0.87	1.51	3.33	1.11	1.93	1.20	0.40	0.69
Propane	0.19	23.72	7.91	14.39	11.90	3.97	7.22	6.31	2.10	3.83
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	4.75	1.19	2.85	5.16	1.29	3.09	1.85	0.46	1.11
Isobutene/1-Butene	0.17	2.01	0.50	1.16	3.02	0.76	1.75	1.72	0.43	1.00
1,3-Butadiene	0.17	0.42	0.10	0.23	0.68	0.17	0.38	0.20	0.05	0.11
n-Butane	0.17	15.92	3.98	9.54	16.88	4.22	10.12	4.50	1.12	2.70
trans-2-Butene	0.17	0.70	0.17	0.40	0.81	0.20	0.47	0.36	0.09	0.21
cis-2-Butene	0.16	0.85	0.21	0.49	1.01	0.25	0.59	0.53	0.13	0.31
3-Methyl-1-butene	0.16	0.22	U 0.04	U 0.12	0.28	0.06	0.16	ND	ND	ND
Isopentane	0.19	11.02	2.20	6.56	12.58	2.52	7.49	3.90	0.78	2.32
1-Pentene	0.20	0.94	0.19	0.54	1.13	0.23	0.65	0.61	0.12	0.35
2-Methyl-1-butene	0.20	0.78	0.16	0.45	0.98	0.20	0.57	0.26	0.05	0.15
n-Pentane	0.19	5.18	1.04	3.08	5.14	1.03	3.06	1.84	0.37	1.10
Isoprene	0.20	1.01	0.20	0.57	1.20	0.24	0.67	0.79	0.16	0.45
trans-2-Pentene	0.21	1.24	0.25	0.74	1.62	0.32	0.97	0.61	0.12	0.36
cis-2-Pentene	0.22	0.89	0.18	0.53	1.09	0.22	0.65	0.55	0.11	0.33
2-Methyl-2-butene	0.22	0.84	0.17	0.48	1.23	0.25	0.71	0.25	0.05	0.14
2,2-Dimethylbutane	0.20	1.05	0.18	0.62	1.13	0.19	0.67	0.70	0.12	0.41
Cyclopentene	0.20	0.28	0.06	0.15	0.33	0.07	0.19	0.17	U 0.03	U 0.09
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.87	0.17	0.51	0.91	0.18	0.53	0.61	0.12	0.35
2,3-Dimethylbutane	0.20	1.50	0.25	0.89	1.87	0.31	1.11	0.87	0.14	0.51
2-Methylpentane	0.13	3.61	0.60	2.14	4.70	0.78	2.79	1.50	0.25	0.89
3-Methylpentane	0.22	3.75	0.62	2.22	3.33	0.56	1.98	2.31	0.39	1.37
2-Methyl-1-pentene	0.22	0.22	U 0.04	U 0.13	0.23	U 0.04	U 0.13	ND	ND	ND
1-Hexene	0.32	1.03	0.17	0.61	1.03	0.17	0.61	0.94	0.16	0.56
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.55	0.43	1.51	3.61	0.60	2.14	1.27	0.21	0.75
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	0.16	U 0.03	U 0.10	ND	ND	ND
Methylcyclopentane	0.21	1.64	0.27	0.95	2.13	0.36	1.24	0.86	0.14	0.49
2,4-Dimethylpentane	0.22	0.99	0.14	0.50	1.13	0.16	0.58	0.67	0.10	0.34
Benzene	0.18	3.27	0.54	1.75	3.46	0.58	1.86	1.88	0.31	1.01
Cyclohexane	0.16	1.15	0.19	0.67	1.25	0.21	0.73	0.91	0.15	0.52
2-Methylhexane	0.21	1.87	0.27	1.11	2.38	0.34	1.41	1.07	0.15	0.63
2,3-Dimethylpentane	0.28	1.61	0.23	0.95	1.93	0.28	1.14	0.95	0.14	0.56
3-Methylhexane	0.17	2.37	0.34	1.40	2.44	0.35	1.44	0.99	0.14	0.59
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.47	0.31	1.45	3.14	0.39	1.85	1.09	0.14	0.64
n-Heptane	0.23	1.19	0.17	0.71	1.59	0.23	0.94	0.71	0.10	0.42
Methylcyclohexane	0.25	0.83	0.12	0.48	1.00	0.14	0.58	0.57	0.08	0.33
2,2,3-Trimethylpentane	0.25	0.32	0.04	0.19	0.41	0.05	0.24	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.97	0.12	0.57	1.27	0.16	0.75	0.60	0.07	0.35
Toluene	0.20	5.37	0.77	2.92	6.83	0.98	3.71	3.36	0.48	1.83
2-Methylheptane	0.17	1.09	0.14	0.64	0.85	0.11	0.50	0.51	0.06	0.30
3-Methylheptane	0.20	0.64	0.08	0.38	0.93	0.12	0.55	0.55	0.07	0.33
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.71	0.09	0.42	0.71	0.09	0.42	0.48	0.06	0.28
Ethylbenzene	0.21	1.15	0.14	0.69	1.30	0.16	0.78	0.89	0.11	0.53
m-Xylene/p-Xylene	0.16	5.52	0.69	3.02	5.74	0.72	3.14	4.53	0.57	2.48
Styrene	0.20	0.67	0.08	0.36	0.73	0.09	0.39	0.73	0.09	0.39
o-Xylene	0.19	2.45	0.31	1.34	2.50	0.31	1.37	2.19	0.27	1.20
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.63	0.07	0.37	0.68	0.08	0.40	0.45	0.05	0.26
Isopropylbenzene	0.18	0.36	0.04	0.20	0.28	0.03	0.15	0.29	0.03	0.16
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.43	0.05	0.24	0.43	0.05	0.24	0.33	0.04	0.18
m-Ethyltoluene	0.15	0.98	0.11	0.54	1.20	0.13	0.66	0.58	0.06	0.32
p-Ethyltoluene	0.19	0.70	0.08	0.38	0.81	0.09	0.45	0.54	0.06	0.30
1,3,5-Trimethylbenzene	0.18	0.42	0.05	0.23	0.86	0.10	0.48	0.30	0.03	0.16
o-Ethyltoluene	0.22	0.51	0.06	0.28	0.52	0.06	0.29	ND	ND	ND
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.25	0.14	0.69	1.69	0.19	0.93	0.79	0.09	0.43
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.78	0.08	0.46	0.80	0.08	0.47	1.77	0.18	1.04
1,2,3-Trimethylbenzene	0.19	0.43	0.05	0.24	0.66	0.07	0.36	0.36	0.04	0.20
m-Diethylbenzene	0.20	0.67	0.07	0.37	0.79	0.08	0.44	0.57	0.06	0.32
p-Diethylbenzene	0.22	0.69	0.07	0.38	0.64	0.06	0.35	0.71	0.07	0.39
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	3.11	0.28	1.82	2.22	0.20	1.30	2.36	0.21	1.39
1-Dodecene	0.24	ND	ND	ND	0.18	U 0.02	U 0.10	ND	ND	ND
n-Dodecane	0.49	0.82	0.07	0.48	0.59	0.05	0.35	0.66	0.05	0.39
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		168.71	44.47	99.24	169.57	42.10	99.14	81.42	19.37	47.43
TNMOC, ppbC (w/ unknowns)		323.11	323.11	323.11	281.87	281.87	281.87	197.79	197.79	197.79

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 32697			SLMO 32703			SLMO 32824		
Sampling Date:		4/3/2003			4/9/2003			4/15/2003		
Analysis Date:		4/25/2003			4/23/2003			5/1/2003		
Filename:		L3DX010			L3DV023			L3EA009		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.84	1.92	2.22	3.57	1.78	2.06	3.16	1.58	1.83
Acetylene	0.11	2.81	1.40	1.51	2.40	1.20	1.29	2.59	1.30	1.39
Ethane	0.17	9.43	4.71	5.85	9.62	4.81	5.97	9.65	4.82	5.98
Propylene	0.11	1.89	0.63	1.09	1.42	0.47	0.82	1.52	0.51	0.88
Propane	0.19	7.46	2.49	4.52	8.85	2.95	5.37	6.77	2.26	4.11
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.83	0.71	1.70	3.75	0.94	2.24	2.31	0.58	1.38
Isobutene/1-Butene	0.17	1.94	0.49	1.12	1.96	0.49	1.13	1.44	0.36	0.83
1,3-Butadiene	0.17	0.28	0.07	0.16	0.18	0.04	0.10	0.23	0.06	0.13
n-Butane	0.17	7.84	1.96	4.70	3.73	0.93	2.23	5.89	1.47	3.53
trans-2-Butene	0.17	0.62	0.16	0.36	0.32	0.08	0.19	0.48	0.12	0.28
cis-2-Butene	0.16	0.86	0.21	0.49	0.51	0.13	0.30	0.59	0.15	0.34
3-Methyl-1-butene	0.16	0.15	U 0.03	U 0.09	ND	ND	ND	ND	ND	ND
Isopentane	0.19	7.51	1.50	4.47	6.84	1.37	4.07	6.66	1.33	3.96
1-Pentene	0.20	0.83	0.17	0.48	ND	ND	ND	0.67	0.13	0.39
2-Methyl-1-butene	0.20	0.53	0.11	0.30	0.21	U 0.04	U 0.12	0.42	0.08	0.24
n-Pentane	0.19	3.24	0.65	1.93	2.04	0.41	1.21	4.10	0.82	2.44
Isoprene	0.20	0.91	0.18	0.51	0.62	0.12	0.35	0.81	0.16	0.46
trans-2-Pentene	0.21	1.09	0.22	0.65	0.48	0.10	0.28	0.91	0.18	0.54
cis-2-Pentene	0.22	0.93	0.19	0.56	0.54	0.11	0.32	0.66	0.13	0.39
2-Methyl-2-butene	0.22	0.54	0.11	0.31	0.26	0.05	0.15	0.54	0.11	0.31
2,2-Dimethylbutane	0.20	1.05	0.18	0.62	0.61	0.10	0.36	0.93	0.15	0.55
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.83	0.17	0.48	0.60	0.12	0.34	0.66	0.13	0.38
2,3-Dimethylbutane	0.20	1.43	0.24	0.85	0.84	0.14	0.50	1.43	0.24	0.85
2-Methylpentane	0.13	2.40	0.40	1.42	1.29	0.21	0.76	2.74	0.46	1.62
3-Methylpentane	0.22	3.82	0.64	2.26	2.35	0.39	1.39	3.40	0.57	2.02
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	1.33	0.22	0.79	0.92	0.15	0.54	0.99	0.16	0.59
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.16	0.36	1.28	1.19	0.20	0.71	2.01	0.33	1.19
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.28	0.21	0.74	0.76	0.13	0.44	1.15	0.19	0.66
2,4-Dimethylpentane	0.22	1.06	0.15	0.54	0.67	0.10	0.34	0.86	0.12	0.44
Benzene	0.18	2.68	0.45	1.44	2.48	0.41	1.33	2.13	0.36	1.15
Cyclohexane	0.16	1.27	0.21	0.74	0.83	0.14	0.48	1.12	0.19	0.65
2-Methylhexane	0.21	1.81	0.26	1.07	1.56	0.22	0.92	1.65	0.24	0.98
2,3-Dimethylpentane	0.28	1.78	0.25	1.05	1.29	0.18	0.76	1.41	0.20	0.83
3-Methylhexane	0.17	2.46	0.35	1.46	1.01	0.14	0.60	0.88	0.13	0.52
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.12	0.27	1.25	1.28	0.16	0.75	2.13	0.27	1.26
n-Heptane	0.23	1.22	0.17	0.72	0.73	0.10	0.43	1.13	0.16	0.67
Methylcyclohexane	0.25	0.92	0.13	0.53	0.51	0.07	0.29	0.89	0.13	0.51
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.96	0.12	0.57	0.67	0.08	0.40	1.01	0.13	0.59
Toluene	0.20	5.07	0.72	2.75	3.23	0.46	1.75	5.03	0.72	2.73
2-Methylheptane	0.17	0.87	0.11	0.51	0.77	0.10	0.46	0.71	0.09	0.42
3-Methylheptane	0.20	0.67	0.08	0.40	0.52	0.06	0.30	0.47	0.06	0.27
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.69	0.09	0.41	0.43	0.05	0.25	0.55	0.07	0.32
Ethylbenzene	0.21	1.43	0.18	0.86	2.95	0.37	1.77	0.90	0.11	0.54
m-Xylene/p-Xylene	0.16	5.80	0.72	3.17	3.99	0.50	2.19	5.04	0.63	2.76
Styrene	0.20	0.74	0.09	0.39	0.96	0.12	0.52	0.63	0.08	0.34
o-Xylene	0.19	2.52	0.32	1.38	2.06	0.26	1.13	2.05	0.26	1.12
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.67	0.07	0.39	0.47	0.05	0.28	0.45	0.05	0.27
Isopropylbenzene	0.18	0.46	0.05	0.25	0.35	0.04	0.19	0.30	0.03	0.16
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.56	0.06	0.31	0.40	0.04	0.22	0.39	0.04	0.22
m-Ethyltoluene	0.15	1.00	0.11	0.55	0.63	0.07	0.35	0.75	0.08	0.41
p-Ethyltoluene	0.19	1.10	0.12	0.60	0.50	0.06	0.28	0.60	0.07	0.33
1,3,5-Trimethylbenzene	0.18	0.50	0.06	0.28	0.26	0.03	0.14	0.54	0.06	0.30
o-Ethyltoluene	0.22	ND	ND	ND	0.46	0.05	0.25	ND	ND	ND
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.41	0.16	0.78	0.76	0.08	0.42	1.34	0.15	0.74
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.84	0.08	0.49	0.42	0.04	0.25	0.62	0.06	0.36
1,2,3-Trimethylbenzene	0.19	0.70	0.08	0.38	0.21	0.02	0.12	0.54	0.06	0.30
m-Diethylbenzene	0.20	0.66	0.07	0.36	0.40	0.04	0.22	0.54	0.05	0.30
p-Diethylbenzene	0.22	1.13	0.11	0.63	0.57	0.06	0.32	0.65	0.07	0.36
1-Undecene	0.22	0.22	U 0.02	U 0.12	ND	ND	ND	0.39	0.04	0.23
n-Undecane	0.24	5.14	0.47	3.01	0.80	0.07	0.47	5.28	0.48	3.09
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	1.30	0.11	0.76	0.52	0.04	0.31	0.97	0.08	0.57
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		119.58	26.55	69.63	88.53	21.71	51.74	104.65	23.63	61.01
TNMOC, ppbC (w/ unknowns)		274.44	274.44	274.44	209.86	209.86	209.86	244.39	244.39	244.39

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 32927			SLMO 33137			SLMO 33139		
Sampling Date:		4/21/2003			4/27/2003			5/3/2003		
Analysis Date:		5/2/2003			5/22/2003			5/22/2003		
Filename:		L3EA020			L3EU021			L3EV009		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.55	1.28	1.48	5.97	2.99	3.45	4.08	2.04	2.36
Acetylene	0.11	2.31	1.15	1.24	4.32	2.16	2.32	2.92	1.46	1.57
Ethane	0.17	8.42	4.21	5.22	20.25	10.13	12.56	10.01	5.01	6.21
Propylene	0.11	1.16	0.39	0.67	2.91	0.97	1.68	2.28	0.76	1.32
Propane	0.19	5.10	1.70	3.09	12.53	4.18	7.60	7.40	2.47	4.49
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.02	0.50	1.21	4.16	1.04	2.49	2.28	0.57	1.36
Isobutene/1-Butene	0.17	1.20	0.30	0.69	2.52	0.63	1.46	1.58	0.39	0.91
1,3-Butadiene	0.17	0.17	0.04	0.10	0.42	0.10	0.23	0.35	0.09	0.19
n-Butane	0.17	3.41	0.85	2.05	11.64	2.91	6.98	5.64	1.41	3.38
trans-2-Butene	0.17	0.35	0.09	0.20	0.70	0.18	0.41	0.44	0.11	0.26
cis-2-Butene	0.16	0.49	0.12	0.28	0.89	0.22	0.51	0.59	0.15	0.34
3-Methyl-1-butene	0.16	ND	ND	ND	0.28	0.06	0.16	0.17	U	0.03
Isopentane	0.19	4.02	0.80	2.39	15.05	3.01	8.96	8.87	1.77	5.28
1-Pentene	0.20	0.86	0.17	0.49	1.03	0.21	0.60	0.67	0.13	0.39
2-Methyl-1-butene	0.20	0.23	0.05	0.13	0.96	0.19	0.55	0.41	0.08	0.24
n-Pentane	0.19	2.93	0.59	1.74	5.68	1.14	3.38	3.41	0.68	2.03
Isoprene	0.20	0.72	0.14	0.40	0.87	0.17	0.49	0.79	0.16	0.45
trans-2-Pentene	0.21	0.70	0.14	0.42	1.50	0.30	0.89	0.71	0.14	0.42
cis-2-Pentene	0.22	0.53	0.11	0.32	1.00	0.20	0.59	0.65	0.13	0.39
2-Methyl-2-butene	0.22	0.25	0.05	0.14	1.23	0.25	0.71	0.27	0.05	0.16
2,2-Dimethylbutane	0.20	0.72	0.12	0.42	1.24	0.21	0.74	0.82	0.14	0.49
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	0.23	0.05	0.13
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.88	0.15	0.51
Cyclopentane	0.20	0.66	0.13	0.38	0.93	0.19	0.54	0.75	0.15	0.43
2,3-Dimethylbutane	0.20	1.06	0.18	0.63	2.32	0.39	1.38	1.36	0.23	0.81
2-Methylpentane	0.13	2.00	0.33	1.19	4.54	0.76	2.69	2.49	0.42	1.48
3-Methylpentane	0.22	1.91	0.32	1.13	3.77	0.63	2.23	4.44	0.74	2.63
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.87	0.14	0.51	1.19	0.20	0.70	1.11	0.18	0.66
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.52	0.25	0.90	5.85	0.98	3.47	2.05	0.34	1.22
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.98	0.16	0.57	2.53	0.42	1.46	1.32	0.22	0.76
2,4-Dimethylpentane	0.22	0.83	0.12	0.42	1.52	0.22	0.77	1.02	0.15	0.52
Benzene	0.18	1.82	0.30	0.98	4.60	0.77	2.47	3.50	0.58	1.88
Cyclohexane	0.16	1.02	0.17	0.59	1.19	0.20	0.69	1.07	0.18	0.62
2-Methylhexane	0.21	1.50	0.21	0.89	2.07	0.30	1.22	1.02	0.15	0.60
2,3-Dimethylpentane	0.28	1.30	0.19	0.77	2.11	0.30	1.24	1.80	0.26	1.06
3-Methylhexane	0.17	1.25	0.18	0.74	1.75	0.25	1.03	1.02	0.15	0.60
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	1.58	0.20	0.93	5.19	0.65	3.06	3.22	0.40	1.90
n-Heptane	0.23	1.14	0.16	0.67	1.50	0.21	0.88	1.13	0.16	0.67
Methylcyclohexane	0.25	0.72	0.10	0.41	1.25	0.18	0.73	0.90	0.13	0.52
2,2,3-Trimethylpentane	0.25	ND	ND	ND	ND	ND	ND	0.32	0.04	0.19
2,3,4-Trimethylpentane	0.20	0.81	0.10	0.48	2.07	0.26	1.22	1.22	0.15	0.72
Toluene	0.20	5.11	0.73	2.77	8.35	1.19	4.54	5.38	0.77	2.92
2-Methylheptane	0.17	0.64	0.08	0.37	0.93	0.12	0.55	1.69	0.21	0.99
3-Methylheptane	0.20	0.57	0.07	0.34	0.86	0.11	0.51	0.54	0.07	0.32
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.45	0.06	0.26	0.92	0.11	0.54	0.53	0.07	0.31
Ethylbenzene	0.21	0.80	0.10	0.48	1.56	0.20	0.94	0.96	0.12	0.57
m-Xylene/p-Xylene	0.16	4.55	0.57	2.49	7.44	0.93	4.07	3.98	0.50	2.18
Styrene	0.20	0.76	0.10	0.41	0.89	0.11	0.48	0.51	0.06	0.27
o-Xylene	0.19	1.96	0.25	1.07	2.69	0.34	1.47	2.32	0.29	1.27
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.44	0.05	0.26	0.63	0.07	0.37	0.54	0.06	0.32
Isopropylbenzene	0.18	0.30	0.03	0.16	0.32	0.04	0.18	0.35	0.04	0.19
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.28	0.03	0.15	0.54	0.06	0.29	0.42	0.05	0.23
m-Ethyltoluene	0.15	0.67	0.07	0.37	1.17	0.13	0.64	0.72	0.08	0.39
p-Ethyltoluene	0.19	0.60	0.07	0.33	0.84	0.09	0.46	0.48	0.05	0.27
1,3,5-Trimethylbenzene	0.18	0.31	0.03	0.17	0.93	0.10	0.51	0.34	0.04	0.19
o-Ethyltoluene	0.22	0.38	0.04	0.21	ND	ND	ND	0.65	0.07	0.36
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.72	0.08	0.40	1.47	0.16	0.81	0.92	0.10	0.51
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.79	0.18	1.05	3.05	0.31	1.79	0.37	0.04	0.22
1,2,3-Trimethylbenzene	0.19	0.65	0.07	0.36	0.64	0.07	0.35	0.33	0.04	0.18
m-Diethylbenzene	0.20	0.45	0.05	0.25	0.52	0.05	0.29	0.36	0.04	0.20
p-Diethylbenzene	0.22	0.33	0.03	0.18	0.61	0.06	0.34	0.46	0.05	0.25
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.53	0.14	0.90	2.31	0.21	1.36	0.44	0.04	0.26
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.49	0.04	0.29	0.59	0.05	0.35	0.36	U	0.03
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		82.82	18.92	48.14	176.76	42.61	103.38	107.77	25.38	62.81
TNMOC, ppbC (w/ unknowns)		217.42	217.42	217.42	294.30	294.30	294.30	251.22	251.22	251.22

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 33520			SLMO 33649			SLMO 33689		
Sampling Date:		6/2/2003			6/8/2003			6/14/2003		
Analysis Date:		6/24/2003			6/25/2003					
Filename:		L3FX013			L3FX022			VOID		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.83	1.91	2.21	2.77	1.38	1.60			
Acetylene	0.11	4.15	2.07	2.23	1.78	0.89	0.96			
Ethane	0.17	9.23	4.61	5.72	7.17	3.58	4.44			
Propylene	0.11	1.84	0.61	1.07	1.46	0.49	0.85			
Propane	0.19	8.64	2.88	5.24	3.50	1.17	2.12			
Propyne	0.19	ND	ND	ND	ND	ND	ND			
Isobutane	0.14	2.20	0.55	1.32	1.72	0.43	1.03			
Isobutene/1-Butene	0.17	2.37	0.59	1.37	1.49	0.37	0.86			
1,3-Butadiene	0.17	0.27	0.07	0.15	0.23	0.06	0.13			
n-Butane	0.17	5.28	1.32	3.17	2.23	0.56	1.34			
trans-2-Butene	0.17	0.44	0.11	0.25	0.41	0.10	0.24			
cis-2-Butene	0.16	0.66	0.17	0.38	0.49	0.12	0.28			
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND			
Isopentane	0.19	7.96	1.59	4.74	4.69	0.94	2.79			
1-Pentene	0.20	0.67	0.13	0.39	0.67	0.13	0.39			
2-Methyl-1-butene	0.20	0.35	0.07	0.20	0.31	0.06	0.18			
n-Pentane	0.19	3.86	0.77	2.30	1.54	0.31	0.92			
Isoprene	0.20	0.91	0.18	0.51	2.11	0.42	1.19			
trans-2-Pentene	0.21	0.80	0.16	0.47	0.70	0.14	0.42			
cis-2-Pentene	0.22	0.61	0.12	0.36	0.57	0.11	0.34			
2-Methyl-2-butene	0.22	0.51	0.10	0.30	0.30	0.06	0.18			
2,2-Dimethylbutane	0.20	0.81	0.13	0.48	0.71	0.12	0.42			
Cyclopentene	0.20	0.15	0.03	0.09	0.24	0.05	0.14			
4-Methyl-1-pentene	0.20	0.70	0.12	0.40	0.71	0.12	0.41			
Cyclopentane	0.20	0.96	0.19	0.56	0.66	0.13	0.38			
2,3-Dimethylbutane	0.20	1.49	0.25	0.89	1.25	0.21	0.74			
2-Methylpentane	0.13	2.41	0.40	1.43	1.70	0.28	1.00			
3-Methylpentane	0.22	3.89	0.65	2.30	2.68	0.45	1.59			
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND			
1-Hexene	0.32	0.95	0.16	0.56	1.06	0.18	0.63			
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND			
n-Hexane	0.21	3.53	0.59	2.09	1.48	0.25	0.87			
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND			
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND			
Methylcyclopentane	0.21	1.41	0.23	0.82	0.91	0.15	0.53			
2,4-Dimethylpentane	0.22	1.05	0.15	0.53	0.93	0.13	0.47			
Benzene	0.18	2.13	0.36	1.14	1.72	0.29	0.92			
Cyclohexane	0.16	1.25	0.21	0.72	1.08	0.18	0.62			
2-Methylhexane	0.21	1.48	0.21	0.88	1.48	0.21	0.87			
2,3-Dimethylpentane	0.28	1.51	0.22	0.89	1.51	0.22	0.89			
3-Methylhexane	0.17	2.28	0.33	1.34	2.01	0.29	1.19			
1-Heptene	0.17	ND	ND	ND	ND	ND	ND			
2,2,4-Trimethylpentane	0.19	3.08	0.38	1.81	3.09	0.39	1.82			
n-Heptane	0.23	1.27	0.18	0.75	1.09	0.16	0.64			
Methylcyclohexane	0.25	0.76	0.11	0.44	0.73	0.10	0.42			
2,2,3-Trimethylpentane	0.25	0.52	0.06	0.31	0.62	0.08	0.36			
2,3,4-Trimethylpentane	0.20	1.27	0.16	0.75	1.21	0.15	0.71			
Toluene	0.20	8.18	1.17	4.44	4.50	0.64	2.45			
2-Methylheptane	0.17	1.20	0.15	0.71	0.85	0.11	0.50			
3-Methylheptane	0.20	0.79	0.10	0.47	0.75	0.09	0.44			
1-Octene	0.20	ND	ND	ND	ND	ND	ND			
n-Octane	0.21	0.72	0.09	0.42	0.49	0.06	0.29			
Ethylbenzene	0.21	1.36	0.17	0.81	1.44	0.18	0.86			
m-Xylene/p-Xylene	0.16	6.81	0.85	3.73	6.95	0.87	3.80			
Styrene	0.20	1.02	0.13	0.55	0.98	0.12	0.53			
o-Xylene	0.19	2.76	0.34	1.51	2.91	0.36	1.59			
1-Nonene	0.19	ND	ND	ND	ND	ND	ND			
n-Nonane	0.11	0.64	0.07	0.38	0.66	0.07	0.39			
Isopropylbenzene	0.18	0.54	0.06	0.30	0.44	0.05	0.24			
a-Pinene	0.18	ND	ND	ND	0.90	0.09	0.51			
n-Propylbenzene	0.21	0.60	0.07	0.33	0.58	0.06	0.32			
m-Ethyltoluene	0.15	0.89	0.10	0.49	0.89	0.10	0.49			
p-Ethyltoluene	0.19	0.75	0.08	0.41	0.89	0.10	0.49			
1,3,5-Trimethylbenzene	0.18	0.39	0.04	0.22	0.41	0.05	0.23			
o-Ethyltoluene	0.22	0.49	0.05	0.27	ND	ND	ND			
b-Pinene	0.22	0.42	0.04	0.23	ND	ND	ND			
1,2,4-Trimethylbenzene	0.21	0.94	0.10	0.52	1.38	0.15	0.76			
1-Decene	0.21	ND	ND	ND	ND	ND	ND			
n-Decane	0.25	0.43	0.04	0.25	0.91	0.09	0.53			
1,2,3-Trimethylbenzene	0.19	0.64	0.07	0.35	0.63	0.07	0.35			
m-Diethylbenzene	0.20	ND	ND	ND	ND	ND	ND			
p-Diethylbenzene	0.22	ND	ND	ND	ND	ND	ND			
1-Undecene	0.22	ND	ND	ND	0.17	0.02	0.10			
n-Undecane	0.24	1.61	0.15	0.94	1.99	0.18	1.17			
1-Dodecene	0.24	0.24	0.02	0.14	0.37	0.03	0.21			
n-Dodecane	0.49	0.70	0.06	0.41	0.59	0.05	0.35			
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND			
n-Tridecane	0.49	0.37	0.03	0.22	ND	ND	ND			
TNMOC (speciated)		119.95	27.14	69.66	90.63	18.99	52.45			
TNMOC, ppbC (w/ unknowns)		342.77	342.77	342.77	279.89	279.89	279.89			

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 33959			SLMO 34150 D1			SLMO 34150 R1		
Sampling Date:		6/20/2003			6/26/2003			6/26/2003		
Analysis Date:		7/9/2003			7/11/2003			7/21/2003		
Filename:		L3GH024			L3GJ018			L3GU008		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.45	1.72	1.99	4.56	2.28	2.64	3.95	1.97	2.28
Acetylene	0.11	2.65	1.33	1.43	3.15	1.58	1.69	2.55	1.27	1.37
Ethane	0.17	7.20	3.60	4.47	7.77	3.88	4.82	7.20	3.60	4.46
Propylene	0.11	2.03	0.68	1.17	2.61	0.87	1.51	2.05	0.68	1.18
Propane	0.19	5.18	1.73	3.14	5.98	1.99	3.63	5.04	1.68	3.06
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.48	0.62	1.49	3.37	0.84	2.02	2.68	0.67	1.61
Isobutene/1-Butene	0.17	1.91	0.48	1.11	3.04	0.76	1.76	2.85	0.71	1.65
1,3-Butadiene	0.17	0.20	0.05	0.11	0.26	0.07	0.15	0.27	0.07	0.15
n-Butane	0.17	4.23	1.06	2.53	5.19	1.30	3.11	4.14	1.03	2.48
trans-2-Butene	0.17	0.82	0.20	0.47	1.31	0.33	0.76	0.71	0.18	0.41
cis-2-Butene	0.16	1.12	0.28	0.65	2.05	0.51	1.18	0.96	0.24	0.55
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	7.33	1.47	4.37	8.12	1.62	4.83	7.17	1.43	4.27
1-Pentene	0.20	1.24	0.25	0.72	1.59	0.32	0.92	0.87	0.17	0.50
2-Methyl-1-butene	0.20	0.36	0.07	0.21	0.45	0.09	0.26	0.46	0.09	0.27
n-Pentane	0.19	2.94	0.59	1.75	3.44	0.69	2.05	2.75	0.55	1.63
Isoprene	0.20	1.78	0.36	1.00	3.83	0.77	2.15	2.89	0.58	1.62
trans-2-Pentene	0.21	1.13	0.23	0.67	1.80	0.36	1.07	1.17	0.23	0.70
cis-2-Pentene	0.22	1.15	0.23	0.69	1.91	0.38	1.14	0.98	0.20	0.59
2-Methyl-2-butene	0.22	0.42	0.08	0.24	0.51	0.10	0.29	0.54	0.11	0.31
2,2-Dimethylbutane	0.20	1.35	0.23	0.80	2.35	0.39	1.39	1.18	0.20	0.70
Cyclopentene	0.20	0.17	0.03	0.10	0.25	0.05	0.14	0.28	0.06	0.16
4-Methyl-1-pentene	0.20	0.29	0.05	0.17	0.55	0.09	0.32	0.64	0.11	0.37
Cyclopentane	0.20	1.02	0.20	0.59	1.53	0.31	0.89	0.88	0.18	0.51
2,3-Dimethylbutane	0.20	2.12	0.35	1.26	3.38	0.56	2.00	1.99	0.33	1.18
2-Methylpentane	0.13	2.70	0.45	1.60	3.52	0.59	2.09	2.87	0.48	1.70
3-Methylpentane	0.22	3.09	0.51	1.83	4.16	0.69	2.46	3.33	0.55	1.97
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	2.01	0.33	1.19	3.11	0.52	1.84	1.47	0.24	0.87
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.18	0.53	1.89	3.27	0.54	1.94	2.56	0.43	1.52
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.79	0.30	1.03	2.33	0.39	1.35	1.64	0.27	0.95
2,4-Dimethylpentane	0.22	1.71	0.24	0.87	2.82	0.40	1.43	1.58	0.23	0.80
Benzene	0.18	2.60	0.43	1.40	2.88	0.48	1.55	2.35	0.39	1.26
Cyclohexane	0.16	1.59	0.26	0.92	2.63	0.44	1.52	1.53	0.26	0.89
2-Methylhexane	0.21	2.09	0.30	1.23	2.74	0.39	1.62	1.15	0.16	0.68
2,3-Dimethylpentane	0.28	2.39	0.34	1.41	3.69	0.53	2.18	2.54	0.36	1.50
3-Methylhexane	0.17	0.61	0.09	0.36	ND	ND	ND	1.73	0.25	1.02
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	3.74	0.47	2.20	4.98	0.62	2.93	4.22	0.53	2.49
n-Heptane	0.23	1.49	0.21	0.88	2.16	0.31	1.27	1.38	0.20	0.81
Methylcyclohexane	0.25	1.38	0.20	0.80	2.17	0.31	1.25	1.25	0.18	0.73
2,2,3-Trimethylpentane	0.25	0.51	0.06	0.30	0.57	0.07	0.34	0.48	0.06	0.28
2,3,4-Trimethylpentane	0.20	1.62	0.20	0.95	2.46	0.31	1.45	1.74	0.22	1.02
Toluene	0.20	6.23	0.89	3.38	7.64	1.09	4.15	6.88	0.98	3.73
2-Methylheptane	0.17	1.24	0.15	0.73	1.59	0.20	0.94	1.01	0.13	0.59
3-Methylheptane	0.20	1.12	0.14	0.66	1.57	0.20	0.93	1.00	0.12	0.59
1-Octene	0.20	ND	ND	ND	ND	ND	ND	0.13	U	0.07
n-Octane	0.21	1.02	0.13	0.60	1.61	0.20	0.95	0.79	0.10	0.47
Ethylbenzene	0.21	1.86	0.23	1.12	1.97	0.25	1.18	1.22	0.15	0.73
m-Xylene/p-Xylene	0.16	7.23	0.90	3.96	6.71	0.84	3.67	5.41	0.68	2.96
Styrene	0.20	1.29	0.16	0.69	1.67	0.21	0.90	0.91	0.11	0.49
o-Xylene	0.19	2.90	0.36	1.59	2.83	0.35	1.55	2.34	0.29	1.28
1-Nonene	0.19	0.64	0.07	0.37	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.89	0.10	0.52	1.25	0.14	0.74	0.87	0.10	0.51
Isopropylbenzene	0.18	0.96	0.11	0.53	1.36	0.15	0.75	0.60	0.07	0.33
a-Pinene	0.18	0.61	0.06	0.34	0.56	0.06	0.32	0.73	0.07	0.41
n-Propylbenzene	0.21	0.85	0.09	0.47	1.14	0.13	0.63	0.71	0.08	0.39
m-Ethyltoluene	0.15	1.04	0.12	0.57	1.43	0.16	0.79	1.11	0.12	0.61
p-Ethyltoluene	0.19	1.09	0.12	0.60	1.65	0.18	0.91	1.12	0.12	0.62
1,3,5-Trimethylbenzene	0.18	0.65	0.07	0.36	1.11	0.12	0.61	0.79	0.09	0.43
o-Ethyltoluene	0.22	0.61	0.07	0.34	1.50	0.17	0.83	0.73	0.08	0.40
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.34	0.15	0.74	2.12	0.24	1.17	1.49	0.17	0.82
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.21	0.12	0.71	2.87	0.29	1.69	1.92	0.19	1.13
1,2,3-Trimethylbenzene	0.19	0.85	0.09	0.47	0.98	0.11	0.54	0.49	0.05	0.27
m-Diethylbenzene	0.20	1.16	0.12	0.64	1.27	0.13	0.70	0.78	0.08	0.43
p-Diethylbenzene	0.22	0.54	0.05	0.30	1.70	0.17	0.94	0.61	0.06	0.34
1-Undecene	0.22	0.60	0.05	0.35	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.52	0.14	0.89	2.23	0.20	1.31	1.77	0.16	1.04
1-Dodecene	0.24	0.19	U	0.11	0.29	U	0.17	0.49	U	0.28
n-Dodecane	0.49	0.97	0.08	0.57	1.54	0.13	0.90	0.74	0.06	0.44
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		123.70	25.43	71.60	161.08	32.46	93.19	120.61	25.27	69.86
TNMOC, ppbC (w/ unknowns)		244.09	244.09	244.09	265.00	265.00	265.00	232.16	232.16	232.16

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 34152 D2			SLMO 34152 R2			SLMO 34193		
Sampling Date:		6/26/2003			6/26/2003			7/2/2003		
Analysis Date:		7/11/2003			7/21/2003			7/22/2003		
Filename:		L3GJ019			L3GU009			L3GU018		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.56	2.28	2.64	3.72	1.86	2.15	5.21	2.60	3.01
Acetylene	0.11	3.11	1.55	1.67	2.41	1.20	1.29	3.44	1.72	1.85
Ethane	0.17	7.88	3.94	4.89	7.04	3.52	4.37	8.71	4.36	5.40
Propylene	0.11	2.57	0.86	1.49	1.97	0.66	1.14	2.48	0.83	1.44
Propane	0.19	6.09	2.03	3.69	5.57	1.86	3.38	7.32	2.44	4.44
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	3.38	0.85	2.03	2.81	0.70	1.68	3.44	0.86	2.06
Isobutene/1-Butene	0.17	3.11	0.78	1.80	2.20	0.55	1.27	2.22	0.55	1.28
1,3-Butadiene	0.17	0.24	0.06	0.13	0.25	0.06	0.14	0.35	0.09	0.20
n-Butane	0.17	5.31	1.33	3.18	4.25	1.06	2.55	6.30	1.57	3.78
trans-2-Butene	0.17	1.46	0.36	0.84	0.61	0.15	0.35	0.68	0.17	0.39
cis-2-Butene	0.16	1.90	0.48	1.10	0.89	0.22	0.52	0.85	0.21	0.49
3-Methyl-1-butene	0.16	ND	ND	ND	0.12	U	0.02	U	0.23	0.05
Isopentane	0.19	8.37	1.67	4.98	7.53	1.51	4.48	15.27	3.05	9.09
1-Pentene	0.20	1.56	0.31	0.90	0.92	0.18	0.53	1.16	0.23	0.67
2-Methyl-1-butene	0.20	0.43	0.09	0.25	0.38	0.08	0.22	0.95	0.19	0.55
n-Pentane	0.19	3.63	0.73	2.16	2.81	0.56	1.67	4.18	0.84	2.49
Isoprene	0.20	3.82	0.76	2.15	2.98	0.60	1.67	3.11	0.62	1.75
trans-2-Pentene	0.21	1.76	0.35	1.04	0.97	0.19	0.58	1.29	0.26	0.77
cis-2-Pentene	0.22	1.91	0.38	1.14	0.90	0.18	0.54	0.97	0.19	0.58
2-Methyl-2-butene	0.22	0.50	0.10	0.29	0.47	0.09	0.27	0.87	0.17	0.50
2,2-Dimethylbutane	0.20	2.31	0.39	1.37	1.11	0.18	0.66	1.18	0.20	0.70
Cyclopentene	0.20	0.25	0.05	0.14	0.24	0.05	0.13	0.32	0.06	0.18
4-Methyl-1-pentene	0.20	0.47	0.08	0.27	0.57	0.10	0.33	ND	ND	ND
Cyclopentane	0.20	1.50	0.30	0.87	0.83	0.17	0.48	1.03	0.21	0.60
2,3-Dimethylbutane	0.20	3.53	0.59	2.09	1.85	0.31	1.09	2.53	0.42	1.50
2-Methylpentane	0.13	3.49	0.58	2.07	2.83	0.47	1.68	4.70	0.78	2.79
3-Methylpentane	0.22	4.61	0.77	2.73	3.07	0.51	1.82	3.82	0.64	2.26
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	2.99	0.50	1.77	1.39	0.23	0.82	1.41	0.23	0.83
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	3.26	0.54	1.93	2.46	0.41	1.46	4.12	0.69	2.44
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.16	U	0.03
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	2.37	0.40	1.37	1.59	0.27	0.92	2.29	0.38	1.32
2,4-Dimethylpentane	0.22	2.76	0.39	1.40	1.58	0.23	0.80	1.90	0.27	0.97
Benzene	0.18	2.84	0.47	1.52	2.21	0.37	1.18	2.99	0.50	1.61
Cyclohexane	0.16	2.52	0.42	1.46	1.39	0.23	0.80	1.51	0.25	0.87
2-Methylhexane	0.21	2.65	0.38	1.57	1.04	0.15	0.62	2.47	0.35	1.46
2,3-Dimethylpentane	0.28	3.71	0.53	2.19	1.65	0.24	0.97	2.53	0.36	1.49
3-Methylhexane	0.17	0.41	0.06	0.24	ND	ND	ND	ND	ND	ND
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	4.86	0.61	2.86	3.95	0.49	2.33	6.08	0.76	3.58
n-Heptane	0.23	2.03	0.29	1.20	1.30	0.19	0.77	1.68	0.24	0.99
Methylcyclohexane	0.25	2.11	0.30	1.22	1.13	0.16	0.66	1.41	0.20	0.81
2,2,3-Trimethylpentane	0.25	0.52	0.07	0.31	0.44	0.05	0.26	0.93	0.12	0.55
2,3,4-Trimethylpentane	0.20	2.43	0.30	1.43	1.66	0.21	0.98	2.13	0.27	1.25
Toluene	0.20	8.47	1.21	4.60	7.99	1.14	4.34	8.67	1.24	4.71
2-Methylheptane	0.17	1.57	0.20	0.92	0.96	0.12	0.57	1.29	0.16	0.76
3-Methylheptane	0.20	1.59	0.20	0.94	0.75	0.09	0.44	1.01	0.13	0.60
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.33	0.17	0.79	1.31	0.16	0.77	0.93	0.12	0.55
Ethylbenzene	0.21	1.89	0.24	1.13	1.45	0.18	0.87	1.76	0.22	1.05
m-Xylene/p-Xylene	0.16	3.51	0.44	1.92	5.36	0.67	2.94	8.45	1.06	4.63
Styrene	0.20	1.69	0.21	0.91	0.92	0.12	0.49	0.94	0.12	0.51
o-Xylene	0.19	2.88	0.36	1.57	2.22	0.28	1.21	3.87	0.48	2.12
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	1.26	0.14	0.74	0.94	0.10	0.55	1.18	0.13	0.69
Isopropylbenzene	0.18	1.48	0.16	0.81	0.53	0.06	0.29	0.51	0.06	0.28
a-Pinene	0.18	0.73	0.07	0.41	0.87	0.09	0.49	1.31	0.13	0.74
n-Propylbenzene	0.21	1.23	0.14	0.68	0.77	0.09	0.42	0.65	0.07	0.36
m-Ethyltoluene	0.15	1.42	0.16	0.78	1.10	0.12	0.60	1.27	0.14	0.70
p-Ethyltoluene	0.19	1.64	0.18	0.90	1.15	0.13	0.64	1.14	0.13	0.63
1,3,5-Trimethylbenzene	0.18	1.15	0.13	0.63	0.69	0.08	0.38	0.76	0.08	0.42
o-Ethyltoluene	0.22	1.51	0.17	0.83	0.85	0.09	0.47	0.98	0.11	0.54
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	2.11	0.23	1.16	1.50	0.17	0.83	2.22	0.25	1.22
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	2.74	0.27	1.61	5.77	0.58	3.39	1.67	0.17	0.98
1,2,3-Trimethylbenzene	0.19	1.12	0.12	0.62	0.52	0.06	0.28	0.92	0.10	0.51
m-Diethylbenzene	0.20	1.96	0.20	1.09	0.73	0.07	0.41	1.05	0.11	0.58
p-Diethylbenzene	0.22	1.17	0.12	0.65	0.59	0.06	0.32	1.36	0.14	0.75
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.12	U	0.01
n-Undecane	0.24	2.28	0.21	1.33	1.76	0.16	1.03	3.67	0.33	2.15
1-Dodecene	0.24	0.45	U	0.04	U	0.26	0.61	0.05	0.36	ND
n-Dodecane	0.49	1.54	0.13	0.90	0.78	0.06	0.45	0.89	0.07	0.52
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	0.18	U	0.01
TNMOC (speciated)		159.91	32.40	92.59	121.18	25.00	70.18	161.01	33.53	93.34
TNMOC, ppbC (w/ unknowns)		260.02	260.02	260.02	234.21	234.21	234.21	356.70	356.70	356.70

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 34315			SLMO 34484 D1			SLMO 34486 D2		
Sampling Date:		7/8/2003			7/14/2003			7/14/2003		
Analysis Date:					8/9/2003			8/9/2003		
Filename:		VOID			L3HI005			L3HI006		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15				2.78	1.39	1.61	2.43	1.21	1.40
Acetylene	0.11				2.50	1.25	1.34	2.14	1.07	1.15
Ethane	0.17				6.17	3.08	3.83	5.28	2.64	3.27
Propylene	0.11				1.51	0.50	0.87	1.25	0.42	0.72
Propane	0.19				6.18	2.06	3.74	5.27	1.76	3.20
Propyne	0.19				ND	ND	ND	ND	ND	ND
Isobutane	0.14				1.85	0.46	1.11	1.61	0.40	0.96
Isobutene/1-Butene	0.17				3.37	0.84	1.95	0.91	0.23	0.53
1,3-Butadiene	0.17				0.18	0.04	0.10	0.15	0.04	0.08
n-Butane	0.17				5.06	1.26	3.03	4.39	1.10	2.63
trans-2-Butene	0.17				0.29	0.07	0.17	0.27	0.07	0.16
cis-2-Butene	0.16				0.34	0.08	0.19	0.31	0.08	0.18
3-Methyl-1-butene	0.16				0.12	U	0.02	U	0.02	U
Isopentane	0.19				9.83	1.97	5.85	8.01	1.60	4.77
1-Pentene	0.20				0.52	0.10	0.30	0.43	0.09	0.25
2-Methyl-1-butene	0.20				0.46	0.09	0.26	0.41	0.08	0.23
n-Pentane	0.19				3.66	0.73	2.18	3.15	0.63	1.87
Isoprene	0.20				2.34	0.47	1.32	2.05	0.41	1.15
trans-2-Pentene	0.21				0.60	0.12	0.36	0.53	0.11	0.32
cis-2-Pentene	0.22				0.38	0.08	0.22	0.36	0.07	0.21
2-Methyl-2-butene	0.22				0.49	0.10	0.28	0.38	0.08	0.22
2,2-Dimethylbutane	0.20				0.48	0.08	0.29	0.49	0.08	0.29
Cyclopentene	0.20				0.19	U	0.04	U	0.04	U
4-Methyl-1-pentene	0.20				ND	ND	ND	ND	ND	ND
Cyclopentane	0.20				0.60	0.12	0.34	0.55	0.11	0.32
2,3-Dimethylbutane	0.20				1.24	0.21	0.73	1.22	0.20	0.72
2-Methylpentane	0.13				2.57	0.43	1.52	2.20	0.37	1.30
3-Methylpentane	0.22				1.99	0.33	1.18	1.65	0.28	0.98
2-Methyl-1-pentene	0.22				ND	ND	ND	ND	ND	ND
1-Hexene	0.32				0.44	0.07	0.26	0.33	0.06	0.20
2-Ethyl-1-butene	0.22				ND	ND	ND	ND	ND	ND
n-Hexane	0.21				1.80	0.30	1.07	1.47	0.24	0.87
trans-2-Hexene	0.21				ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21				ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21				1.07	0.18	0.62	0.93	0.15	0.54
2,4-Dimethylpentane	0.22				1.00	0.14	0.51	0.86	0.12	0.43
Benzene	0.18				1.63	0.27	0.87	1.28	0.21	0.69
Cyclohexane	0.16				0.55	0.09	0.32	0.60	0.10	0.35
2-Methylhexane	0.21				1.29	0.18	0.76	0.44	0.06	0.26
2,3-Dimethylpentane	0.28				1.54	0.22	0.91	1.01	0.14	0.60
3-Methylhexane	0.17				0.23	0.03	0.14	ND	ND	ND
1-Heptene	0.17				ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19				3.43	0.43	2.02	2.63	0.33	1.55
n-Heptane	0.23				1.00	0.14	0.59	0.71	0.10	0.42
Methylcyclohexane	0.25				0.65	0.09	0.37	0.49	0.07	0.29
2,2,3-Trimethylpentane	0.25				0.40	0.05	0.24	0.31	0.04	0.18
2,3,4-Trimethylpentane	0.20				1.04	0.13	0.61	0.92	0.11	0.54
Toluene	0.20				3.84	0.55	2.08	3.02	0.43	1.64
2-Methylheptane	0.17				0.47	0.06	0.28	0.35	0.04	0.20
3-Methylheptane	0.20				0.35	0.04	0.21	0.23	0.03	0.14
1-Octene	0.20				ND	ND	ND	ND	ND	ND
n-Octane	0.21				0.42	0.05	0.25	0.38	0.05	0.23
Ethylbenzene	0.21				0.96	0.12	0.57	0.92	0.11	0.55
m-Xylene/p-Xylene	0.16				4.76	0.60	2.61	3.67	0.46	2.01
Styrene	0.20				0.56	0.07	0.30	0.61	0.08	0.33
o-Xylene	0.19				1.49	0.19	0.82	0.21	0.03	0.11
1-Nonene	0.19				0.39	0.04	0.22	ND	ND	ND
n-Nonane	0.11				0.35	0.04	0.21	0.25	0.03	0.15
Isopropylbenzene	0.18				0.26	0.03	0.14	0.32	0.04	0.18
a-Pinene	0.18				0.29	0.03	0.16	0.22	U	0.02
n-Propylbenzene	0.21				0.29	0.03	0.16	0.42	0.05	0.23
m-Ethyltoluene	0.15				0.51	0.06	0.28	0.50	0.06	0.27
p-Ethyltoluene	0.19				0.53	0.06	0.29	0.62	0.07	0.34
1,3,5-Trimethylbenzene	0.18				0.43	0.05	0.23	0.31	0.03	0.17
o-Ethyltoluene	0.22				0.31	0.03	0.17	0.48	0.05	0.26
b-Pinene	0.22				ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21				0.83	0.09	0.45	0.70	0.08	0.38
1-Decene	0.21				ND	ND	ND	ND	ND	ND
n-Decane	0.25				0.37	0.04	0.22	0.34	0.03	0.20
1,2,3-Trimethylbenzene	0.19				0.48	0.05	0.26	0.36	0.04	0.20
m-Diethylbenzene	0.20				0.36	0.04	0.20	0.48	0.05	0.27
p-Diethylbenzene	0.22				0.29	0.03	0.16	0.49	0.05	0.27
1-Undecene	0.22				0.37	0.03	0.21	ND	ND	ND
n-Undecane	0.24				1.04	0.09	0.61	0.99	0.09	0.58
1-Dodecene	0.24				ND	ND	ND	ND	ND	ND
n-Dodecane	0.49				0.33	U	0.03	U	0.04	U
1-Tridecene	0.49				ND	ND	ND	ND	ND	ND
n-Tridecane	0.49				ND	ND	ND	ND	ND	ND
TNMOC (spciated)					91.99	20.72	53.54	74.01	16.86	43.10
TNMOC, ppbC (w/ unknowns)					171.70	171.70	171.70	144.42	144.42	144.42

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 34673			SLMO 34753			SLMO 34923		
Sampling Date:		7/20/2003			7/26/2003			8/1/2003		
Analysis Date:		8/9/2003			8/9/2003			8/29/2003		
Filename:		L3HI007			L3HI008			L3H#015		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.56	1.78	2.06	3.34	1.67	1.93	6.08	3.04	3.52
Acetylene	0.11	2.02	1.01	1.09	2.90	1.45	1.56	3.31	1.66	1.78
Ethane	0.17	7.34	3.67	4.55	5.48	2.74	3.40	7.58	3.79	4.70
Propylene	0.11	2.05	0.68	1.19	1.74	0.58	1.00	3.51	1.17	2.03
Propane	0.19	5.32	1.77	3.23	7.42	2.47	4.50	5.25	1.75	3.19
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.09	0.52	1.25	1.28	0.32	0.76	2.84	0.71	1.70
Isobutene/1-Butene	0.17	1.71	0.43	0.99	1.75	0.44	1.01	5.52	1.38	3.19
1,3-Butadiene	0.17	0.20	0.05	0.11	0.19	0.05	0.11	0.35	0.09	0.20
n-Butane	0.17	3.42	0.85	2.05	3.98	1.00	2.39	3.08	0.77	1.85
trans-2-Butene	0.17	0.27	0.07	0.16	0.24	0.06	0.14	0.52	0.13	0.30
cis-2-Butene	0.16	0.32	0.08	0.19	0.28	0.07	0.16	0.54	0.13	0.31
3-Methyl-1-butene	0.16	ND	ND	ND	0.11	U	0.02	U	0.06	ND
Isopentane	0.19	7.71	1.54	4.59	6.78	1.36	4.04	34.05	6.81	20.27
1-Pentene	0.20	0.70	0.14	0.41	0.52	0.10	0.30	0.81	0.16	0.47
2-Methyl-1-butene	0.20	0.44	0.09	0.26	0.38	0.08	0.22	1.01	0.20	0.58
n-Pentane	0.19	2.66	0.53	1.58	2.26	0.45	1.34	2.42	0.48	1.44
Isoprene	0.20	10.27	2.05	5.77	7.04	1.41	3.95	6.46	1.29	3.63
trans-2-Pentene	0.21	0.54	0.11	0.32	0.57	0.11	0.34	0.70	0.14	0.42
cis-2-Pentene	0.22	0.42	0.08	0.25	0.39	0.08	0.23	0.47	0.09	0.28
2-Methyl-2-butene	0.22	0.55	0.11	0.32	0.47	0.09	0.27	0.55	0.11	0.32
2,2-Dimethylbutane	0.20	0.53	0.09	0.31	0.47	0.08	0.28	0.89	0.15	0.52
Cyclopentene	0.20	0.21	U	0.04	U	0.12	0.23	0.05	0.13	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.53	0.11	0.31	0.53	0.11	0.31	0.52	0.10	0.30
2,3-Dimethylbutane	0.20	1.41	0.24	0.84	1.02	0.17	0.60	1.55	0.26	0.92
2-Methylpentane	0.13	2.38	0.40	1.41	2.05	0.34	1.22	6.26	1.04	3.71
3-Methylpentane	0.22	1.79	0.30	1.06	1.97	0.33	1.17	2.38	0.40	1.41
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	0.22	U	0.04
1-Hexene	0.32	0.41	0.07	0.25	0.50	0.08	0.30	0.71	0.12	0.42
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.99	0.33	1.18	1.57	0.26	0.93	2.07	0.35	1.23
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.35	0.06	0.21
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.54	0.09	0.32
Methylcyclopentane	0.21	1.08	0.18	0.63	0.89	0.15	0.51	1.50	0.25	0.87
2,4-Dimethylpentane	0.22	1.16	0.17	0.59	0.91	0.13	0.46	1.25	0.18	0.63
Benzene	0.18	1.91	0.32	1.03	1.54	0.26	0.83	1.96	0.33	1.05
Cyclohexane	0.16	0.74	0.12	0.43	0.50	0.08	0.29	0.83	0.14	0.48
2-Methylhexane	0.21	0.69	0.10	0.41	0.55	0.08	0.32	1.44	0.21	0.85
2,3-Dimethylpentane	0.28	1.20	0.17	0.71	0.96	0.14	0.57	1.82	0.26	1.07
3-Methylhexane	0.17	ND	ND	ND	ND	ND	ND	1.87	0.27	1.11
1-Heptene	0.17	ND	ND	ND	1.66	0.24	0.96	4.92	0.70	2.85
2,2,4-Trimethylpentane	0.19	4.06	0.51	2.39	3.35	0.42	1.97	3.30	0.41	1.94
n-Heptane	0.23	0.90	0.13	0.53	0.76	0.11	0.45	0.87	0.12	0.51
Methylcyclohexane	0.25	0.46	0.07	0.26	0.58	0.08	0.33	0.67	0.10	0.39
2,2,3-Trimethylpentane	0.25	0.54	0.07	0.32	0.42	0.05	0.25	1.37	0.17	0.81
2,3,4-Trimethylpentane	0.20	1.36	0.17	0.80	1.16	0.15	0.68	2.00	0.25	1.18
Toluene	0.20	4.85	0.69	2.83	3.15	0.45	1.71	5.44	0.78	2.95
2-Methylheptane	0.17	0.66	0.08	0.39	0.56	0.07	0.33	0.30	0.04	0.18
3-Methylheptane	0.20	0.45	0.06	0.26	0.34	0.04	0.20	0.34	0.04	0.20
1-Octene	0.20	ND	ND	ND	ND	ND	ND	0.18	U	0.02
n-Octane	0.21	0.43	0.05	0.25	0.38	0.05	0.22	0.45	0.06	0.27
Ethylbenzene	0.21	1.49	0.19	0.89	1.39	0.17	0.83	0.79	0.10	0.47
m-Xylene/p-Xylene	0.16	6.92	0.87	3.79	6.10	0.76	3.34	4.45	0.56	2.44
Styrene	0.20	0.66	0.08	0.35	0.56	0.07	0.30	5.68	0.71	3.05
o-Xylene	0.19	2.57	0.32	1.41	1.76	0.22	0.96	1.43	0.18	0.78
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.43	0.05	0.25	0.78	0.09	0.46	0.23	0.03	0.14
Isopropylbenzene	0.18	0.30	0.03	0.17	0.24	0.03	0.13	0.26	0.03	0.14
a-Pinene	0.18	0.72	0.07	0.40	0.56	0.06	0.31	0.49	0.05	0.27
n-Propylbenzene	0.21	0.35	0.04	0.19	0.25	0.03	0.14	0.44	0.05	0.24
m-Ethyltoluene	0.15	0.75	0.08	0.41	0.58	0.06	0.32	0.67	0.07	0.37
p-Ethyltoluene	0.19	0.90	0.10	0.49	0.78	0.09	0.43	0.30	0.03	0.16
1,3,5-Trimethylbenzene	0.18	0.41	0.05	0.23	0.24	0.03	0.13	0.20	0.02	0.11
o-Ethyltoluene	0.22	0.57	0.06	0.31	0.45	0.05	0.25	0.52	0.06	0.28
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.19	0.13	0.65	1.07	0.12	0.59	1.03	0.11	0.56
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.37	0.04	0.22	1.16	0.12	0.68	0.47	0.05	0.28
1,2,3-Trimethylbenzene	0.19	0.64	0.07	0.35	0.51	0.06	0.28	0.38	0.04	0.21
m-Diethylbenzene	0.20	0.99	0.10	0.55	1.10	0.11	0.61	ND	ND	ND
p-Diethylbenzene	0.22	1.31	0.13	0.72	0.93	0.09	0.51	0.40	0.04	0.22
1-Undecene	0.22	0.18	U	0.02	U	0.10	0.37	0.03	0.21	U
n-Undecane	0.24	5.26	0.48	3.08	8.92	0.81	5.23	3.54	0.32	2.08
1-Dodecene	0.24	0.16	U	0.01	U	0.09	0.16	U	0.01	U
n-Dodecane	0.49	1.01	0.08	0.59	1.25	0.10	0.73	0.79	0.07	0.46
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		108.47	23.02	62.71	102.30	21.55	59.30	153.27	33.36	89.16
TNMOC, ppbC (w/ unknowns)		326.24	326.24	326.24	263.34	263.34	263.34	477.10	477.10	477.10

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 34927			SLMO 35231			SLMO 35237		
Sampling Date:		8/7/2003			8/13/2003			8/19/2003		
Analysis Date:		8/29/2003			8/29/2003			9/3/2003		
Filename:		L3H#011			L3H#023			L3IC006		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	5.03	2.51	2.91	3.37	1.69	1.95	3.09	1.54	1.79
Acetylene	0.11	5.51	2.75	2.96	4.66	2.33	2.50	2.61	1.31	1.40
Ethane	0.17	9.74	4.87	6.04	10.96	5.48	6.80	7.86	3.93	4.88
Propylene	0.11	2.26	0.75	1.31	1.72	0.57	0.99	1.63	0.54	0.94
Propane	0.19	7.15	2.38	4.34	7.85	2.62	4.76	10.30	3.43	6.25
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.94	0.73	1.76	2.15	0.54	1.29	2.28	0.57	1.36
Isobutene/1-Butene	0.17	1.67	0.42	0.97	1.80	0.45	1.04	1.41	0.35	0.81
1,3-Butadiene	0.17	0.32	0.08	0.18	0.21	0.05	0.11	0.25	0.06	0.14
n-Butane	0.17	4.19	1.05	2.51	4.17	1.04	2.50	6.20	1.55	3.72
trans-2-Butene	0.17	0.41	0.10	0.24	0.40	0.10	0.23	0.40	0.10	0.23
cis-2-Butene	0.16	0.51	0.13	0.29	0.58	0.14	0.33	0.55	0.14	0.32
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	0.13	U	0.03
Isopentane	0.19	12.06	2.41	7.18	6.17	1.23	3.67	8.29	1.66	4.94
1-Pentene	0.20	0.52	0.10	0.30	0.82	0.16	0.47	0.68	0.14	0.39
2-Methyl-1-butene	0.20	0.28	0.06	0.16	0.63	0.13	0.36	0.44	0.09	0.26
n-Pentane	0.19	2.38	0.48	1.42	2.81	0.56	1.67	4.49	0.90	2.67
Isoprene	0.20	2.33	0.47	1.31	1.30	0.26	0.73	1.82	0.36	1.02
trans-2-Pentene	0.21	0.55	0.11	0.33	0.62	0.12	0.37	0.61	0.12	0.36
cis-2-Pentene	0.22	0.46	0.09	0.27	0.52	0.10	0.31	0.51	0.10	0.31
2-Methyl-2-butene	0.22	0.45	0.09	0.26	0.46	0.09	0.27	0.53	0.11	0.31
2,2-Dimethylbutane	0.20	0.81	0.14	0.48	0.84	0.14	0.50	0.95	0.16	0.56
Cyclopentene	0.20	0.21	U	0.04	U	0.12	0.43	0.09	0.24	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.50	0.10	0.29	0.57	0.11	0.33	0.71	0.14	0.41
2,3-Dimethylbutane	0.20	1.75	0.29	1.04	1.45	0.24	0.86	1.61	0.27	0.95
2-Methylpentane	0.13	3.22	0.54	1.91	2.69	0.45	1.60	3.38	0.56	2.00
3-Methylpentane	0.22	1.87	0.31	1.11	1.67	0.28	0.99	2.05	0.34	1.22
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.37	0.06	0.22	0.74	0.12	0.44	0.68	0.11	0.40
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.07	0.35	1.23	2.44	0.41	1.45	2.44	0.41	1.45
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.23	0.20	0.71	1.28	0.21	0.74	1.41	0.24	0.82
2,4-Dimethylpentane	0.22	1.36	0.19	0.69	0.97	0.14	0.49	1.19	0.17	0.60
Benzene	0.18	1.28	0.21	0.69	3.64	0.61	1.96	2.13	0.35	1.14
Cyclohexane	0.16	0.69	0.12	0.40	0.75	0.12	0.43	0.92	0.15	0.53
2-Methylhexane	0.21	1.73	0.25	1.02	1.44	0.21	0.85	1.87	0.27	1.11
2,3-Dimethylpentane	0.28	1.99	0.28	1.17	1.42	0.20	0.84	1.72	0.25	1.02
3-Methylhexane	0.17	1.39	0.20	0.82	1.23	0.18	0.73	1.38	0.20	0.81
1-Heptene	0.17	ND	ND	ND	0.31	0.04	0.18	0.32	0.05	0.19
2,2,4-Trimethylpentane	0.19	5.04	0.63	2.97	3.15	0.39	1.86	3.49	0.44	2.06
n-Heptane	0.23	0.70	0.10	0.41	0.69	0.10	0.41	1.08	0.15	0.64
Methylcyclohexane	0.25	0.81	0.12	0.47	0.64	0.09	0.37	0.93	0.13	0.54
2,2,3-Trimethylpentane	0.25	0.83	0.10	0.49	0.51	0.06	0.30	0.53	0.07	0.31
2,3,4-Trimethylpentane	0.20	1.77	0.22	1.04	1.08	0.14	0.64	1.31	0.16	0.77
Toluene	0.20	4.54	0.65	2.46	4.09	0.58	2.22	4.81	0.69	2.61
2-Methylheptane	0.17	0.44	0.06	0.26	0.30	0.04	0.17	0.39	0.05	0.23
3-Methylheptane	0.20	0.40	0.05	0.23	0.32	0.04	0.19	0.56	0.07	0.33
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.50	0.06	0.29	0.30	0.04	0.17	0.61	0.08	0.36
Ethylbenzene	0.21	0.96	0.12	0.57	0.73	0.09	0.44	1.16	0.14	0.69
m-Xylene/p-Xylene	0.16	4.79	0.60	2.62	3.50	0.44	1.91	4.78	0.60	2.62
Styrene	0.20	1.23	0.15	0.66	0.98	0.12	0.52	0.46	0.06	0.25
o-Xylene	0.19	1.42	0.18	0.78	0.95	0.12	0.52	1.84	0.23	1.00
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.52	0.06	0.30	0.26	0.03	0.15	0.45	0.05	0.26
Isopropylbenzene	0.18	ND	ND	ND	0.13	U	0.01	U	0.07	0.28
a-Pinene	0.18	0.44	0.04	0.24	0.30	0.03	0.17	ND	ND	ND
n-Propylbenzene	0.21	0.33	0.04	0.18	0.15	U	0.02	U	0.08	0.21
m-Ethyltoluene	0.15	0.81	0.09	0.44	0.35	0.04	0.19	0.62	0.07	0.34
p-Ethyltoluene	0.19	0.53	0.06	0.29	0.22	0.02	0.12	0.35	0.04	0.20
1,3,5-Trimethylbenzene	0.18	0.54	0.06	0.30	0.35	0.04	0.19	0.51	0.06	0.28
o-Ethyltoluene	0.22	0.69	0.08	0.38	0.37	0.04	0.20	0.43	0.05	0.23
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.21	0.13	0.67	0.73	0.08	0.40	0.79	0.09	0.43
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.31	0.13	0.77	0.32	0.03	0.19	0.50	0.05	0.30
1,2,3-Trimethylbenzene	0.19	0.45	0.05	0.25	0.35	0.04	0.19	1.08	0.12	0.60
m-Diethylbenzene	0.20	0.66	0.07	0.37	0.44	0.04	0.24	0.66	0.07	0.36
p-Diethylbenzene	0.22	0.61	0.06	0.33	0.32	0.03	0.17	ND	ND	ND
1-Undecene	0.22	ND	ND	ND	0.15	U	0.01	U	0.09	ND
n-Undecane	0.24	1.18	0.11	0.69	0.78	0.07	0.46	1.21	0.11	0.71
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.37	U	0.03	U	0.22	0.23	U	0.02	U
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	0.13	U	0.01
TNMOC (speciated)		112.27	26.91	65.33	95.73	24.04	55.78	106.62	24.38	62.20
TNMOC, ppbC (w/ unknowns)		214.09	214.09	214.09	221.69	221.69	221.69	228.44	228.44	228.44

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 35528 D1			SLMO 35528 R1			SLMO 35530 D2		
Sampling Date:		8/25/2003			8/25/2003			8/25/2003		
Analysis Date:		9/15/2003			9/17/2003			9/15/2003		
Filename:		L3IO010			L3IP013			L3IO011		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.73	1.87	2.16	4.06	2.03	2.35	3.54	1.77	2.05
Acetylene	0.11	3.65	1.83	1.96	3.98	1.99	2.14	3.58	1.79	1.92
Ethane	0.17	7.59	3.80	4.71	8.21	4.10	5.09	7.58	3.79	4.70
Propylene	0.11	1.88	0.63	1.09	2.09	0.70	1.21	1.83	0.61	1.06
Propane	0.19	5.24	1.75	3.18	5.81	1.94	3.52	5.25	1.75	3.19
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.92	0.48	1.15	2.28	0.57	1.37	1.95	0.49	1.17
Isobutene/1-Butene	0.17	2.82	0.71	1.63	3.05	0.76	1.76	16.77	4.19	9.70
1,3-Butadiene	0.17	0.28	0.07	0.16	0.26	0.07	0.15	0.28	0.07	0.15
n-Butane	0.17	3.69	0.92	2.21	4.15	1.04	2.49	3.74	0.93	2.24
trans-2-Butene	0.17	0.26	0.07	0.15	0.48	0.12	0.28	0.73	0.18	0.42
cis-2-Butene	0.16	0.28	0.07	0.16	0.63	0.16	0.36	0.27	0.07	0.16
3-Methyl-1-butene	0.16	0.14	U 0.03	U 0.08	0.15	U 0.03	U 0.09	0.17	U 0.03	U 0.10
Isopentane	0.19	8.46	1.69	5.04	9.15	1.83	5.45	8.69	1.74	5.17
1-Pentene	0.20	0.37	0.07	0.21	0.61	0.12	0.35	0.38	0.08	0.22
2-Methyl-1-butene	0.20	0.43	0.09	0.25	0.46	0.09	0.27	0.47	0.09	0.27
n-Pentane	0.19	3.40	0.68	2.02	3.77	0.75	2.25	3.44	0.69	2.05
Isoprene	0.20	5.93	1.19	3.33	6.37	1.27	3.58	5.99	1.20	3.37
trans-2-Pentene	0.21	0.53	0.11	0.32	0.90	0.18	0.54	0.53	0.11	0.32
cis-2-Pentene	0.22	0.31	0.06	0.19	0.55	0.11	0.33	0.28	0.06	0.17
2-Methyl-2-butene	0.22	0.98	0.20	0.56	0.92	0.18	0.53	0.67	0.13	0.39
2,2-Dimethylbutane	0.20	1.00	0.17	0.59	1.24	0.21	0.73	0.72	0.12	0.43
Cyclopentene	0.20	0.19	U 0.04	U 0.11	0.25	0.05	0.14	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.53	0.11	0.30	0.73	0.15	0.42	0.50	0.10	0.29
2,3-Dimethylbutane	0.20	1.41	0.24	0.84	1.81	0.30	1.07	1.42	0.24	0.84
2-Methylpentane	0.13	5.21	0.87	3.09	6.10	1.02	3.62	4.37	0.73	2.59
3-Methylpentane	0.22	1.90	0.32	1.12	2.74	0.46	1.62	2.11	0.35	1.25
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	1.08	0.18	0.64
1-Hexene	0.32	0.27	U 0.04	U 0.16	0.51	0.09	0.30	0.23	U 0.04	U 0.14
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.46	0.41	1.46	2.69	0.45	1.59	2.19	0.37	1.30
trans-2-Hexene	0.21	ND	ND	ND	0.15	U 0.03	U 0.09	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.66	0.28	0.96	1.58	0.26	0.91	1.39	0.23	0.80
2,4-Dimethylpentane	0.22	1.08	0.15	0.55	1.40	0.20	0.71	1.05	0.15	0.53
Benzene	0.18	1.63	0.27	0.87	1.69	0.28	0.91	1.57	0.26	0.84
Cyclohexane	0.16	0.90	0.15	0.52	1.37	0.23	0.79	1.02	0.17	0.59
2-Methylhexane	0.21	2.19	0.31	1.29	2.19	0.31	1.29	1.73	0.25	1.02
2,3-Dimethylpentane	0.28	1.87	0.27	1.10	2.33	0.33	1.38	1.48	0.21	0.87
3-Methylhexane	0.17	1.46	0.21	0.86	2.08	0.30	1.23	1.48	0.21	0.87
1-Heptene	0.17	ND	ND	ND	0.23	U 0.03	U 0.13	0.25	U 0.04	U 0.14
2,2,4-Trimethylpentane	0.19	4.59	0.57	2.70	4.94	0.62	2.91	4.24	0.53	2.49
n-Heptane	0.23	0.99	0.14	0.59	1.32	0.19	0.78	0.98	0.14	0.58
Methylcyclohexane	0.25	0.99	0.14	0.57	1.33	0.19	0.77	0.96	0.14	0.55
2,2,3-Trimethylpentane	0.25	0.78	0.10	0.46	0.89	0.11	0.52	0.79	0.10	0.46
2,3,4-Trimethylpentane	0.20	1.32	0.16	0.78	1.71	0.21	1.00	1.42	0.18	0.84
Toluene	0.20	4.13	0.59	2.24	4.22	0.60	2.29	3.46	0.49	1.88
2-Methylheptane	0.17	0.30	0.04	0.18	0.41	0.05	0.24	0.35	0.04	0.21
3-Methylheptane	0.20	0.37	0.05	0.22	0.62	0.08	0.36	0.26	0.03	0.15
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.33	0.04	0.20	0.50	0.06	0.30	0.29	0.04	0.17
Ethylbenzene	0.21	0.50	0.06	0.30	0.62	0.08	0.37	0.38	0.05	0.23
m-Xylene/p-Xylene	0.16	2.25	0.28	1.23	2.45	0.31	1.34	1.64	0.21	0.90
Styrene	0.20	ND	ND	ND	0.57	0.07	0.31	ND	ND	ND
o-Xylene	0.19	0.77	0.10	0.42	1.01	0.13	0.55	0.45	0.06	0.25
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.25	0.03	0.15	0.32	0.04	0.19	0.15	0.02	0.09
Isopropylbenzene	0.18	ND	ND	ND	0.19	0.02	0.10	ND	ND	ND
a-Pinene	0.18	ND	ND	ND	0.34	0.03	0.19	0.15	U 0.02	U 0.09
n-Propylbenzene	0.21	0.13	U 0.01	U 0.07	0.21	U 0.02	U 0.11	ND	ND	ND
m-Ethyltoluene	0.15	0.31	0.03	0.17	0.38	0.04	0.21	0.20	0.02	0.11
p-Ethyltoluene	0.19	0.20	0.02	0.11	0.30	0.03	0.17	0.14	U 0.02	U 0.08
1,3,5-Trimethylbenzene	0.18	0.22	0.02	0.12	0.34	0.04	0.19	0.20	0.02	0.11
o-Ethyltoluene	0.22	0.45	0.05	0.25	0.51	0.06	0.28	0.32	0.04	0.18
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.51	0.06	0.28	0.70	0.08	0.39	0.40	0.04	0.22
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.38	0.04	0.22	0.47	0.05	0.27	0.27	0.03	0.16
1,2,3-Trimethylbenzene	0.19	0.98	0.11	0.54	0.49	0.05	0.27	0.20	0.02	0.11
m-Diethylbenzene	0.20	0.35	0.04	0.19	0.37	0.04	0.21	0.20	U 0.02	U 0.11
p-Diethylbenzene	0.22	0.35	0.03	0.19	0.31	0.03	0.17	0.29	0.03	0.16
1-Undecene	0.22	0.16	U 0.01	U 0.09	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	4.38	0.40	2.57	4.87	0.44	2.85	2.82	0.26	1.65
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.21	U 0.02	U 0.12	0.24	U 0.02	U 0.14	0.15	U 0.01	U 0.09
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (speciated)		101.85	23.26	59.36	117.56	26.41	68.52	109.39	25.94	63.80
TNMOC, ppbC (w/ unknowns)		211.03	211.03	211.03	222.00	222.00	222.00	184.42	184.42	184.42

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 35530 R2				SLMO 35532			SLMO 35658							
Sampling Date:		8/25/2003				8/31/2003			9/6/2003							
Analysis Date:		9/17/2003				9/30/2003			10/1/2003							
Filename:		L3IP018				L3IP020			L3IS017							
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³						
Ethylene	0.15	2.13	1.07	1.23	3.47	1.73	2.01	8.45	4.22	4.89						
Acetylene	0.11	2.39	1.19	1.28	3.01	1.51	1.62	7.16	3.58	3.85						
Ethane	0.17	6.02	3.01	3.73	6.24	3.12	3.87	16.46	8.23	10.21						
Propylene	0.11	1.06	0.35	0.61	1.89	0.63	1.09	3.74	1.25	2.16						
Propane	0.19	4.79	1.60	2.90	5.42	1.81	3.28	10.28	3.43	6.23						
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Isobutane	0.14	1.85	0.46	1.11	2.07	0.52	1.24	5.00	1.25	2.99						
Isobutene/1-Butene	0.17	6.58	1.64	3.80	6.33	1.58	3.67	2.83	0.71	1.64						
1,3-Butadiene	0.17	ND	ND	ND	0.29	0.07	0.16	0.58	0.15	0.32						
n-Butane	0.17	2.92	0.73	1.75	3.55	0.89	2.13	6.49	1.62	3.89						
trans-2-Butene	0.17	0.38	0.09	0.22	0.41	0.10	0.24	0.55	0.14	0.32						
cis-2-Butene	0.16	0.45	0.11	0.26	0.53	0.13	0.31	0.62	0.15	0.36						
3-Methyl-1-butene	0.16	ND	ND	ND	0.14	U	0.03	U	0.08	0.14						
Isopentane	0.19	5.61	1.12	3.34	6.29	1.26	3.75	14.60	2.92	8.69						
1-Pentene	0.20	0.34	0.07	0.20	0.45	0.09	0.26	0.77	0.15	0.45						
2-Methyl-1-butene	0.20	0.25	0.05	0.14	0.42	0.08	0.24	0.80	0.16	0.46						
n-Pentane	0.19	2.06	0.41	1.23	2.91	0.58	1.73	5.52	1.10	3.28						
Isoprene	0.20	4.59	0.92	2.58	7.40	1.48	4.16	1.18	0.24	0.66						
trans-2-Pentene	0.21	0.48	0.10	0.28	0.61	0.12	0.36	1.06	0.21	0.63						
cis-2-Pentene	0.22	0.42	0.08	0.25	0.49	0.10	0.29	0.72	0.14	0.43						
2-Methyl-2-butene	0.22	0.45	0.09	0.26	1.23	0.25	0.71	1.06	0.21	0.61						
2,2-Dimethylbutane	0.20	0.89	0.15	0.52	1.03	0.17	0.61	1.22	0.20	0.72						
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND						
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND						
Cyclopentane	0.20	0.54	0.11	0.31	0.60	0.12	0.35	0.99	0.20	0.57						
2,3-Dimethylbutane	0.20	1.22	0.20	0.72	1.36	0.23	0.81	2.68	0.45	1.59						
2-Methylpentane	0.13	3.87	0.65	2.29	5.21	0.87	3.09	5.98	1.00	3.54						
3-Methylpentane	0.22	3.08	0.51	1.83	1.97	0.33	1.17	3.69	0.62	2.19						
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	0.15	U	0.03	U	0.09				
1-Hexene	0.32	0.59	0.10	0.35	0.70	0.12	0.41	0.73	0.12	0.43						
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Hexane	0.21	4.54	0.76	2.69	2.10	0.35	1.25	5.86	0.98	3.47						
trans-2-Hexene	0.21	0.15	U	0.03	U	0.09	ND	0.26	U	0.04	U	0.16				
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.13	U	0.02	U	0.08				
Methylcyclopentane	0.21	1.85	0.31	1.07	1.27	0.21	0.73	2.78	0.46	1.61						
2,4-Dimethylpentane	0.22	0.83	0.12	0.42	1.26	0.18	0.64	2.34	0.33	1.19						
Benzene	0.18	1.32	0.22	0.71	1.99	0.33	1.07	3.59	0.60	1.93						
Cyclohexane	0.16	1.21	0.20	0.70	0.80	0.13	0.46	1.29	0.21	0.75						
2-Methylhexane	0.21	1.40	0.20	0.82	1.55	0.22	0.92	1.83	0.26	1.08						
2,3-Dimethylpentane	0.28	1.39	0.20	0.82	2.02	0.29	1.19	3.35	0.48	1.98						
3-Methylhexane	0.17	1.22	0.17	0.72	1.68	0.24	0.99	3.41	0.49	2.01						
1-Heptene	0.17	0.18	U	0.03	U	0.10	ND	ND	ND	ND						
2,2,4-Trimethylpentane	0.19	2.17	0.27	1.28	3.96	0.50	2.33	9.78	1.22	5.76						
n-Heptane	0.23	0.87	0.12	0.52	1.06	0.15	0.62	2.02	0.29	1.19						
Methylcyclohexane	0.25	1.08	0.15	0.63	0.97	0.14	0.56	2.00	0.29	1.16						
2,2,3-Trimethylpentane	0.25	0.41	0.05	0.24	0.58	0.07	0.34	1.42	0.18	0.84						
2,3,4-Trimethylpentane	0.20	0.80	0.10	0.47	1.38	0.17	0.81	3.35	0.42	1.97						
Toluene	0.20	5.72	0.82	3.11	5.61	0.80	3.04	10.73	1.53	5.83						
2-Methylheptane	0.17	0.54	0.07	0.32	0.55	0.07	0.33	0.67	0.08	0.40						
3-Methylheptane	0.20	0.60	0.07	0.35	0.56	0.07	0.33	0.79	0.10	0.47						
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Octane	0.21	1.11	0.14	0.65	0.61	0.08	0.36	0.90	0.11	0.53						
Ethylbenzene	0.21	0.55	0.07	0.33	1.01	0.13	0.60	1.63	0.20	0.98						
m-Xylene/p-Xylene	0.16	1.91	0.24	1.05	4.80	0.60	2.63	6.71	0.84	3.67						
Styrene	0.20	0.18	U	0.02	U	0.09	0.15	0.55	0.07	0.30						
o-Xylene	0.19	0.77	0.10	0.42	2.11	0.26	1.15	2.18	0.27	1.19						
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Nonane	0.11	0.34	0.04	0.20	0.68	0.08	0.40	0.77	0.09	0.45						
Isopropylbenzene	0.18	0.19	0.02	0.11	0.27	0.03	0.15	0.35	0.04	0.20						
α-Pinene	0.18	0.57	0.06	0.32	0.46	0.05	0.26	ND	ND	ND						
n-Propylbenzene	0.21	0.18	U	0.02	U	0.10	0.36	0.04	0.20	0.53	0.06	0.29				
m-Ethyltoluene	0.15	0.28	0.03	0.15	0.85	0.09	0.47	1.39	0.15	0.77						
p-Ethyltoluene	0.19	0.26	0.03	0.14	0.54	0.06	0.30	0.80	0.09	0.44						
1,3,5-Trimethylbenzene	0.18	0.30	0.03	0.17	0.73	0.08	0.40	1.04	0.12	0.57						
o-Ethyltoluene	0.22	0.43	0.05	0.24	0.84	0.09	0.46	0.74	0.08	0.41						
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND						
1,2,4-Trimethylbenzene	0.21	0.50	0.06	0.28	1.39	0.15	0.76	1.73	0.19	0.95						
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Decane	0.25	0.50	0.05	0.29	1.57	0.16	0.92	1.49	0.15	0.87						
1,2,3-Trimethylbenzene	0.19	0.31	0.03	0.17	0.34	0.04	0.19	0.35	0.04	0.20						
m-Diethylbenzene	0.20	0.22	0.02	0.12	0.52	0.05	0.29	0.93	0.09	0.51						
p-Diethylbenzene	0.22	0.24	0.02	0.13	0.40	0.04	0.22	0.44	0.04	0.24						
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Undecane	0.24	2.37	0.22	1.39	1.42	0.13	0.83	1.36	0.12	0.80						
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Dodecane	0.49	0.26	U	0.02	U	0.15	0.36	U	0.03	U	0.21	0.48	U	0.04	U	0.28
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND						
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND						
TNMOC (spciated)		90.68	19.97	52.78	110.89	24.06	64.21	183.47	43.30	106.84						
TNMOC, ppbC (w/ unknowns)		145.88	145.88	145.88	241.82	241.82	241.82	292.61	292.61	292.61						

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 35823			SLMO 35827			SLMO 31835 R1		
Sampling Date:		9/12/2003			9/18/2003			9/24/2003		
Analysis Date:		10/8/2003			10/13/2003			10/14/2003		
Filename:		L3JH007			L3JM009			L3JN012		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.54	1.77	2.05	4.08	2.04	2.36	1.93	0.97	1.12
Acetylene	0.11	3.31	1.65	1.78	4.26	2.13	2.29	2.71	1.35	1.45
Ethane	0.17	5.79	2.90	3.59	9.09	4.54	5.64	5.82	2.91	3.61
Propylene	0.11	1.82	0.61	1.05	1.96	0.65	1.13	0.87	0.29	0.51
Propane	0.19	5.44	1.81	3.30	8.36	2.79	5.07	5.12	1.71	3.11
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.10	0.52	1.26	2.60	0.65	1.56	1.66	0.41	0.99
Isobutene/1-Butene	0.17	1.59	0.40	0.92	1.59	0.40	0.92	0.84	0.21	0.48
1,3-Butadiene	0.17	0.25	0.06	0.14	0.30	0.08	0.17	ND	ND	ND
n-Butane	0.17	4.28	1.07	2.57	6.31	1.58	3.78	3.48	0.87	2.08
trans-2-Butene	0.17	0.57	0.14	0.33	0.76	0.19	0.44	0.30	0.08	0.18
cis-2-Butene	0.16	0.59	0.15	0.34	0.53	0.13	0.31	0.40	0.10	0.23
3-Methyl-1-butene	0.16	0.16	U	0.03	U	0.03	U	0.07	ND	ND
Isopentane	0.19	9.48	1.90	5.65	9.30	1.86	5.53	3.79	0.76	2.25
1-Pentene	0.20	0.55	0.11	0.32	0.51	0.10	0.30	0.29	0.06	0.17
2-Methyl-1-butene	0.20	0.60	0.12	0.35	0.42	0.08	0.24	0.20	U	0.04
n-Pentane	0.19	4.11	0.82	2.45	4.63	0.93	2.75	1.68	0.34	1.00
Isoprene	0.20	1.05	0.21	0.59	0.99	0.20	0.56	1.16	0.23	0.65
trans-2-Pentene	0.21	0.80	0.16	0.48	0.60	0.12	0.36	0.42	0.08	0.25
cis-2-Pentene	0.22	0.66	0.13	0.39	0.49	0.10	0.29	0.38	0.08	0.22
2-Methyl-2-butene	0.22	0.63	0.13	0.36	0.35	0.07	0.20	0.24	0.05	0.14
2,2-Dimethylbutane	0.20	1.21	0.20	0.71	1.04	0.17	0.61	0.69	0.12	0.41
Cyclopentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.78	0.16	0.45	0.70	0.14	0.40	0.45	0.09	0.26
2,3-Dimethylbutane	0.20	1.83	0.30	1.08	1.55	0.26	0.92	0.83	0.14	0.49
2-Methylpentane	0.13	5.86	0.98	3.47	4.30	0.72	2.55	2.26	0.38	1.34
3-Methylpentane	0.22	2.46	0.41	1.46	2.25	0.38	1.33	1.04	0.17	0.62
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.67	0.11	0.40	0.55	0.09	0.33	0.48	0.08	0.28
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.54	0.42	1.51	2.52	0.42	1.49	1.32	0.22	0.78
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.54	0.26	0.89	1.34	0.22	0.78	0.66	0.11	0.38
2,4-Dimethylpentane	0.22	1.34	0.19	0.68	1.27	0.18	0.65	0.62	0.09	0.31
Benzene	0.18	1.78	0.30	0.95	1.98	0.33	1.06	1.45	0.24	0.78
Cyclohexane	0.16	1.46	0.24	0.84	1.06	0.18	0.61	0.50	0.08	0.29
2-Methylhexane	0.21	1.62	0.23	0.96	1.47	0.21	0.87	0.71	0.10	0.42
2,3-Dimethylpentane	0.28	1.73	0.25	1.02	1.76	0.25	1.04	0.97	0.14	0.57
3-Methylhexane	0.17	1.59	0.23	0.94	1.59	0.23	0.94	0.95	0.14	0.56
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	4.18	0.52	2.46	4.11	0.51	2.42	1.82	0.23	1.07
n-Heptane	0.23	1.18	0.17	0.70	1.19	0.17	0.70	0.70	0.10	0.41
Methylcyclohexane	0.25	1.16	0.17	0.67	1.14	0.16	0.66	0.87	0.12	0.50
2,2,3-Trimethylpentane	0.25	0.69	0.09	0.40	0.68	0.09	0.40	0.13	U	0.02
2,3,4-Trimethylpentane	0.20	1.53	0.19	0.90	1.45	0.18	0.85	0.70	0.09	0.41
Toluene	0.20	4.99	0.71	2.71	4.85	0.69	2.64	5.48	0.78	2.97
2-Methylheptane	0.17	0.45	0.06	0.27	0.50	0.06	0.30	0.30	0.04	0.18
3-Methylheptane	0.20	0.53	0.07	0.31	0.55	0.07	0.33	0.33	0.04	0.20
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.64	0.08	0.38	0.64	0.08	0.38	0.44	0.05	0.26
Ethylbenzene	0.21	1.03	0.13	0.62	1.13	0.14	0.68	0.83	0.10	0.50
m-Xylene/p-Xylene	0.16	4.08	0.51	2.24	4.84	0.60	2.65	2.63	0.33	1.44
Styrene	0.20	0.24	0.03	0.13	0.28	0.03	0.15	0.18	U	0.02
o-Xylene	0.19	1.40	0.17	0.76	1.72	0.21	0.94	0.97	0.12	0.53
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.44	0.05	0.26	0.52	0.06	0.31	0.33	0.04	0.19
Isopropylbenzene	0.18	0.25	0.03	0.14	0.28	0.03	0.15	0.23	0.03	0.12
a-Pinene	0.18	ND	ND	ND	0.25	U	0.02	U	0.14	2.00
n-Propylbenzene	0.21	0.29	0.03	0.16	0.36	0.04	0.20	0.17	U	0.02
m-Ethyltoluene	0.15	0.62	0.07	0.34	0.78	0.09	0.43	0.57	0.06	0.32
p-Ethyltoluene	0.19	0.44	0.05	0.24	0.53	0.06	0.29	0.31	0.03	0.17
1,3,5-Trimethylbenzene	0.18	0.41	0.05	0.23	0.61	0.07	0.33	0.32	0.04	0.18
o-Ethyltoluene	0.22	0.48	0.05	0.26	0.48	0.05	0.27	0.38	0.04	0.21
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.81	0.09	0.45	1.18	0.13	0.65	0.64	0.07	0.35
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.56	0.06	0.33	0.72	0.07	0.42	0.68	0.07	0.40
1,2,3-Trimethylbenzene	0.19	0.18	U	0.02	U	0.03	0.15	0.20	0.02	0.11
m-Diethylbenzene	0.20	0.46	0.05	0.26	0.41	0.04	0.22	0.24	0.02	0.13
p-Diethylbenzene	0.22	0.46	0.05	0.25	0.52	0.05	0.29	0.27	0.03	0.15
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	0.97	0.09	0.57	2.06	0.19	1.21	1.86	0.17	1.09
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.20	U	0.02	U	0.02	U	0.26	U	0.02
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	0.26	U	0.02	U	0.15	ND
TNMOC (spciated)		102.37	22.55	59.60	113.21	26.42	66.02	68.04	15.53	39.51
TNMOC, ppbC (w/ unknowns)		257.42	257.42	257.42	210.96	210.96	210.96	119.08	119.08	119.08

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 36058			SLMO 36243			SLMO 36349		
Sampling Date:		9/30/2003			10/12/2003			10/15/2003		
Analysis Date:					10/21/2003			11/6/2003		
Filename:		VOID			L3JT019			L3KE017		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15				6.75	3.38	3.91	9.20	4.60	5.32
Acetylene	0.11				5.31	2.65	2.85	7.33	3.66	3.94
Ethane	0.17				14.47	7.23	8.97	16.20	8.10	10.05
Propylene	0.11				3.31	1.10	1.92	4.07	1.36	2.35
Propane	0.19				7.56	2.52	4.58	10.44	3.48	6.33
Propyne	0.19				ND	ND	ND	ND	ND	ND
Isobutane	0.14				6.01	1.50	3.60	8.08	2.02	4.84
Isobutene/1-Butene	0.17				2.78	0.70	1.61	3.25	0.81	1.88
1,3-Butadiene	0.17				0.69	0.17	0.38	0.94	0.23	0.52
n-Butane	0.17				16.21	4.05	9.71	21.67	5.42	12.99
trans-2-Butene	0.17				1.21	0.30	0.70	1.17	0.29	0.67
cis-2-Butene	0.16				1.09	0.27	0.63	1.21	0.30	0.70
3-Methyl-1-butene	0.16				0.35	0.07	0.20	0.40	0.08	0.23
Isopentane	0.19				14.77	2.95	8.79	20.72	4.14	12.33
1-Pentene	0.20				1.20	0.24	0.69	1.15	0.23	0.66
2-Methyl-1-butene	0.20				0.99	0.20	0.57	3.28	0.66	1.90
n-Pentane	0.19				5.76	1.15	3.43	15.75	3.15	9.37
Isoprene	0.20				1.03	0.21	0.58	1.09	0.22	0.61
trans-2-Pentene	0.21				1.25	0.25	0.75	1.47	0.29	0.87
cis-2-Pentene	0.22				0.83	0.17	0.49	0.97	0.19	0.58
2-Methyl-2-butene	0.22				1.28	0.26	0.74	1.76	0.35	1.02
2,2-Dimethylbutane	0.20				1.15	0.19	0.68	1.49	0.25	0.88
Cyclopentene	0.20				0.37	0.07	0.21	0.53	0.11	0.30
4-Methyl-1-pentene	0.20				0.20	U	0.03	U	0.12	0.13
Cyclopentane	0.20				0.85	0.17	0.49	1.71	0.34	0.99
2,3-Dimethylbutane	0.20				2.01	0.33	1.19	2.90	0.48	1.72
2-Methylpentane	0.13				7.57	1.26	4.49	10.66	1.78	6.31
3-Methylpentane	0.22				3.20	0.53	1.89	11.19	1.86	6.63
2-Methyl-1-pentene	0.22				0.19	U	0.03	U	0.11	0.14
1-Hexene	0.32				0.77	0.13	0.46	0.72	0.12	0.43
2-Ethyl-1-butene	0.22				ND	ND	ND	ND	ND	ND
n-Hexane	0.21				3.42	0.57	2.03	15.99	2.67	9.47
trans-2-Hexene	0.21				0.31	U	0.05	U	0.19	0.38
cis-2-Hexene	0.21				0.18	U	0.03	U	0.11	0.20
Methylcyclopentane	0.21				1.98	0.33	1.15	5.92	0.99	3.43
2,4-Dimethylpentane	0.22				1.62	0.23	0.82	2.06	0.29	1.04
Benzene	0.18				3.90	0.65	2.09	4.41	0.73	2.37
Cyclohexane	0.16				1.03	0.17	0.59	1.48	0.25	0.85
2-Methylhexane	0.21				2.18	0.31	1.29	2.88	0.41	1.70
2,3-Dimethylpentane	0.28				2.51	0.36	1.48	2.83	0.40	1.67
3-Methylhexane	0.17				2.23	0.32	1.32	2.98	0.43	1.76
1-Heptene	0.17				ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19				5.33	0.67	3.14	6.72	0.84	3.96
n-Heptane	0.23				1.65	0.24	0.97	2.30	0.33	1.36
Methylcyclohexane	0.25				1.49	0.21	0.86	1.63	0.23	0.94
2,2,3-Trimethylpentane	0.25				1.19	0.15	0.70	1.29	0.16	0.76
2,3,4-Trimethylpentane	0.20				1.98	0.25	1.17	2.45	0.31	1.44
Toluene	0.20				8.32	1.19	4.52	14.18	2.03	7.70
2-Methylheptane	0.17				0.99	0.12	0.58	1.05	0.13	0.62
3-Methylheptane	0.20				0.83	0.10	0.49	0.94	0.12	0.55
1-Octene	0.20				ND	ND	ND	ND	ND	ND
n-Octane	0.21				0.89	0.11	0.53	1.12	0.14	0.66
Ethylbenzene	0.21				1.89	0.24	1.14	1.70	0.21	1.02
m-Xylene/p-Xylene	0.16				8.37	1.05	4.58	8.76	1.10	4.80
Styrene	0.20				0.54	0.07	0.29	ND	ND	ND
o-Xylene	0.19				3.15	0.39	1.73	3.05	0.38	1.67
1-Nonene	0.19				ND	ND	ND	ND	ND	ND
n-Nonane	0.11				0.86	0.10	0.50	1.23	0.14	0.72
Isopropylbenzene	0.18				0.40	0.04	0.22	0.39	0.04	0.22
α-Pinene	0.18				0.41	0.04	0.23	0.78	0.08	0.44
n-Propylbenzene	0.21				0.64	0.07	0.35	0.77	0.09	0.42
m-Ethyltoluene	0.15				1.48	0.16	0.81	2.07	0.23	1.14
p-Ethyltoluene	0.19				0.85	0.09	0.47	1.15	0.13	0.63
1,3,5-Trimethylbenzene	0.18				1.06	0.12	0.59	1.57	0.17	0.87
o-Ethyltoluene	0.22				0.74	0.08	0.41	1.05	0.12	0.58
b-Pinene	0.22				ND	ND	ND	0.19	U	0.02
1,2,4-Trimethylbenzene	0.21				2.13	0.24	1.17	3.08	0.34	1.70
1-Decene	0.21				ND	ND	ND	ND	ND	ND
n-Decane	0.25				1.23	0.12	0.72	1.60	0.16	0.94
1,2,3-Trimethylbenzene	0.19				0.67	0.07	0.37	1.01	0.11	0.56
m-Diethylbenzene	0.20				0.71	0.07	0.40	0.62	0.06	0.34
p-Diethylbenzene	0.22				0.90	0.09	0.50	0.72	0.07	0.40
1-Undecene	0.22				0.22	U	0.02	U	0.13	0.22
n-Undecane	0.24				1.41	0.13	0.83	2.59	0.24	1.52
1-Dodecene	0.24				ND	ND	ND	ND	ND	ND
n-Dodecane	0.49				0.20	U	0.02	U	0.12	0.46
1-Tridecene	0.49				ND	ND	ND	ND	ND	ND
n-Tridecane	0.49				ND	ND	ND	ND	ND	ND
TNMOC (spciated)					179.01	41.40	104.30	263.76	58.90	153.91
TNMOC, ppbC (w/ unknowns)					323.81	323.81	323.81	382.33	382.33	382.33

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 36351			SLMO 36391 D1			SLMO 36391 R1		
Sampling Date:		10/18/2003			10/24/2003			10/24/2003		
Analysis Date:		11/6/2003			11/21/2003			11/25/2003		
Filename:		L3KE018			L3KT011			L3KY005		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	11.61	5.80	6.71	4.17	2.09	2.41	3.75	1.87	2.17
Acetylene	0.11	9.37	4.68	5.03	4.18	2.09	2.25	3.57	1.79	1.92
Ethane	0.17	23.26	11.63	14.42	9.11	4.56	5.65	8.61	4.30	5.34
Propylene	0.11	4.34	1.45	2.51	1.89	0.63	1.09	1.50	0.50	0.87
Propane	0.19	12.43	4.14	7.54	9.92	3.31	6.02	9.29	3.10	5.63
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	7.83	1.96	4.69	3.90	0.97	2.34	3.45	0.86	2.07
Isobutene/1-Butene	0.17	2.47	0.62	1.43	1.74	0.44	1.01	1.37	0.34	0.79
1,3-Butadiene	0.17	0.61	0.15	0.34	0.37	0.09	0.20	0.28	0.07	0.16
n-Butane	0.17	24.43	6.11	14.64	16.09	4.02	9.65	14.75	3.69	8.84
trans-2-Butene	0.17	0.74	0.19	0.43	0.79	0.20	0.46	0.46	0.11	0.27
cis-2-Butene	0.16	0.94	0.23	0.54	0.72	0.18	0.42	0.34	0.09	0.20
3-Methyl-1-butene	0.16	ND	ND	ND	0.20	U	0.04	U	0.03	U
Isopentane	0.19	19.33	3.87	11.51	10.14	2.03	6.04	9.07	1.81	5.40
1-Pentene	0.20	1.16	0.23	0.67	0.62	0.12	0.36	0.43	0.09	0.25
2-Methyl-1-butene	0.20	1.36	0.27	0.79	0.56	0.11	0.32	0.48	0.10	0.28
n-Pentane	0.19	8.26	1.65	4.92	6.49	1.30	3.86	5.87	1.17	3.49
Isoprene	0.20	0.68	0.14	0.38	0.58	0.12	0.32	0.50	0.10	0.28
trans-2-Pentene	0.21	1.03	0.21	0.61	0.75	0.15	0.44	0.47	0.09	0.28
cis-2-Pentene	0.22	0.75	0.15	0.44	0.59	0.12	0.35	0.25	0.05	0.15
2-Methyl-2-butene	0.22	0.90	0.18	0.52	0.51	0.10	0.30	0.50	0.10	0.29
2,2-Dimethylbutane	0.20	1.54	0.26	0.91	1.10	0.18	0.65	0.60	0.10	0.35
Cyclopentene	0.20	ND	ND	ND	0.59	0.12	0.33	0.56	0.11	0.32
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	1.00	0.20	0.58	0.54	0.11	0.31	0.39	0.08	0.23
2,3-Dimethylbutane	0.20	2.59	0.43	1.53	1.26	0.21	0.75	0.84	0.14	0.49
2-Methylpentane	0.13	8.29	1.38	4.91	3.53	0.59	2.09	3.83	0.64	2.27
3-Methylpentane	0.22	5.07	0.84	3.00	2.47	0.41	1.46	1.92	0.32	1.13
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.60	0.10	0.35	0.78	0.13	0.46	0.25	U	0.04
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	5.25	0.87	3.11	2.39	0.40	1.42	2.44	0.41	1.45
trans-2-Hexene	0.21	0.15	U	0.02	U	0.02	U	0.09	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	0.20	U	0.03
Methylcyclopentane	0.21	2.78	0.46	1.61	1.27	0.21	0.73	1.19	0.20	0.69
2,4-Dimethylpentane	0.22	2.18	0.31	1.11	0.94	0.13	0.48	0.46	0.07	0.24
Benzene	0.18	5.85	0.98	3.14	2.88	0.48	1.55	2.36	0.39	1.27
Cyclohexane	0.16	1.05	0.17	0.61	0.85	0.14	0.49	0.43	0.07	0.25
2-Methylhexane	0.21	3.68	0.53	2.17	1.55	0.22	0.91	0.84	0.12	0.50
2,3-Dimethylpentane	0.28	3.04	0.43	1.79	1.29	0.18	0.76	0.54	0.08	0.32
3-Methylhexane	0.17	3.30	0.47	1.95	1.28	0.18	0.75	0.89	0.13	0.53
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.20	U	0.03
2,2,4-Trimethylpentane	0.19	7.92	0.99	4.66	2.42	0.30	1.42	1.87	0.23	1.10
n-Heptane	0.23	2.24	0.32	1.32	0.97	0.14	0.57	0.80	0.11	0.47
Methylcyclohexane	0.25	1.72	0.25	0.99	1.02	0.15	0.59	0.64	0.09	0.37
2,2,3-Trimethylpentane	0.25	1.99	0.25	1.17	0.47	0.06	0.28	0.43	0.05	0.25
2,3,4-Trimethylpentane	0.20	2.74	0.34	1.62	0.94	0.12	0.55	0.65	0.08	0.38
Toluene	0.20	16.44	2.35	8.93	6.98	1.00	3.79	6.64	0.95	3.61
2-Methylheptane	0.17	2.61	0.33	1.54	0.54	0.07	0.32	0.28	0.04	0.17
3-Methylheptane	0.20	1.09	0.14	0.64	0.59	0.07	0.35	0.32	0.04	0.19
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.14	0.14	0.67	0.74	0.09	0.44	0.49	0.06	0.29
Ethylbenzene	0.21	2.43	0.30	1.46	1.31	0.16	0.78	1.05	0.13	0.63
m-Xylene/p-Xylene	0.16	7.00	0.87	3.83	5.41	0.68	2.96	4.63	0.58	2.53
Styrene	0.20	ND	ND	ND	1.23	0.15	0.66	0.95	0.12	0.51
o-Xylene	0.19	3.12	0.39	1.71	1.94	0.24	1.06	1.52	0.19	0.83
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	1.29	0.14	0.76	0.77	0.09	0.45	0.51	0.06	0.30
Isopropylbenzene	0.18	0.51	0.06	0.28	0.46	0.05	0.25	0.20	0.02	0.11
a-Pinene	0.18	0.52	0.05	0.29	ND	ND	ND	0.24	U	0.02
n-Propylbenzene	0.21	0.90	0.10	0.50	0.67	0.07	0.37	0.37	0.04	0.21
m-Ethyltoluene	0.15	2.19	0.24	1.20	1.23	0.14	0.68	1.03	0.11	0.57
p-Ethyltoluene	0.19	1.35	0.15	0.74	0.83	0.09	0.46	0.57	0.06	0.31
1,3,5-Trimethylbenzene	0.18	1.14	0.13	0.63	0.76	0.08	0.42	0.59	0.07	0.32
o-Ethyltoluene	0.22	1.29	0.14	0.71	0.62	0.07	0.34	0.35	0.04	0.19
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	2.78	0.31	1.53	1.84	0.20	1.01	1.56	0.17	0.86
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	2.04	0.20	1.20	0.89	0.09	0.52	0.62	0.06	0.37
1,2,3-Trimethylbenzene	0.19	0.68	0.08	0.38	0.48	0.05	0.27	0.35	0.04	0.19
m-Diethylbenzene	0.20	0.44	0.04	0.24	0.51	0.05	0.28	0.25	0.02	0.14
p-Diethylbenzene	0.22	0.63	0.06	0.35	0.58	0.06	0.32	0.38	0.04	0.21
1-Undecene	0.22	ND	ND	ND	0.15	U	0.01	U	0.09	ND
n-Undecane	0.24	5.95	0.54	3.49	1.27	0.12	0.75	0.94	0.09	0.55
1-Dodecene	0.24	ND	ND	ND	0.29	U	0.02	U	0.03	0.23
n-Dodecane	0.49	0.58	0.05	0.34	0.66	0.05	0.38	0.49	U	0.04
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spciated)		250.55	60.08	146.19	132.72	30.87	77.37	112.14	26.82	65.48
TNMOC, ppbC (w/ unknowns)		408.79	408.79	408.79	201.36	201.36	201.36	183.06	183.06	183.06

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SLMO 36393 D2			SLMO 36393 R2			SLMO 36469		
Sampling Date:		10/24/2003			10/24/2003			10/30/2003		
Analysis Date:		11/21/2003			11/25/2003			11/20/2003		
Filename:		L3KT012			L3KX012			L3KS016		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.65	2.33	2.69	4.94	2.47	2.86	3.54	1.77	2.05
Acetylene	0.11	4.57	2.29	2.45	5.25	2.62	2.82	3.54	1.77	1.90
Ethane	0.17	9.24	4.62	5.73	9.17	4.58	5.69	12.17	6.08	7.55
Propylene	0.11	2.01	0.67	1.16	2.02	0.67	1.17	1.42	0.47	0.82
Propane	0.19	10.56	3.52	6.41	10.93	3.64	6.63	8.98	2.99	5.45
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	4.10	1.03	2.46	4.00	1.00	2.40	3.60	0.90	2.16
Isobutene/1-Butene	0.17	1.75	0.44	1.01	1.59	0.40	0.92	1.36	0.34	0.79
1,3-Butadiene	0.17	0.35	0.09	0.20	0.33	0.08	0.19	0.22	0.06	0.12
n-Butane	0.17	16.99	4.25	10.18	17.56	4.39	10.53	10.78	2.70	6.46
trans-2-Butene	0.17	0.74	0.18	0.43	0.55	0.14	0.32	0.29	0.07	0.17
cis-2-Butene	0.16	0.74	0.19	0.43	0.43	0.11	0.25	0.29	0.07	0.17
3-Methyl-1-butene	0.16	0.20	U 0.04	U 0.11	0.20	U 0.04	U 0.11	ND	ND	ND
Isopentane	0.19	10.82	2.16	6.44	11.22	2.24	6.68	NR	NR	NR
1-Pentene	0.20	0.67	0.13	0.39	0.48	0.10	0.28	0.28	0.06	0.16
2-Methyl-1-butene	0.20	0.52	0.10	0.30	0.61	0.12	0.35	0.35	0.07	0.20
n-Pentane	0.19	6.84	1.37	4.07	6.92	1.38	4.12	2.51	0.50	1.49
Isoprene	0.20	0.60	0.12	0.34	0.31	0.06	0.17	0.23	0.05	0.13
trans-2-Pentene	0.21	0.79	0.16	0.47	0.61	0.12	0.36	0.39	0.08	0.23
cis-2-Pentene	0.22	0.62	0.12	0.37	0.35	0.07	0.21	0.19	U 0.04	U 0.11
2-Methyl-2-butene	0.22	0.61	0.12	0.35	0.71	0.14	0.41	0.99	0.20	0.57
2,2-Dimethylbutane	0.20	1.13	0.19	0.67	0.78	0.13	0.46	0.59	0.10	0.35
Cyclopentene	0.20	0.71	0.14	0.40	0.75	0.15	0.42	0.73	0.15	0.41
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.64	0.13	0.37	0.51	0.10	0.29	ND	ND	ND
2,3-Dimethylbutane	0.20	1.30	0.22	0.77	0.99	0.16	0.58	0.61	0.10	0.36
2-Methylpentane	0.13	3.68	0.61	2.18	4.00	0.67	2.37	3.59	0.60	2.13
3-Methylpentane	0.22	2.40	0.40	1.42	1.68	0.28	0.99	1.50	0.25	0.89
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.70	0.12	0.42	0.18	U 0.03	U 0.11	ND	ND	ND
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	2.29	0.38	1.36	2.05	0.34	1.21	1.61	0.27	0.95
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.33	0.22	0.77	1.10	0.18	0.64	1.29	0.22	0.75
2,4-Dimethylpentane	0.22	0.94	0.13	0.48	0.59	0.08	0.30	0.40	0.06	0.20
Benzene	0.18	2.92	0.49	1.57	2.58	0.43	1.38	2.19	0.36	1.17
Cyclohexane	0.16	0.89	0.15	0.51	0.44	0.07	0.25	0.61	0.10	0.35
2-Methylhexane	0.21	1.12	0.16	0.66	0.83	0.12	0.49	1.70	0.24	1.01
2,3-Dimethylpentane	0.28	1.43	0.20	0.84	0.56	0.08	0.33	0.66	0.09	0.39
3-Methylhexane	0.17	1.22	0.17	0.72	1.18	0.17	0.69	0.82	0.12	0.48
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	2.46	0.31	1.45	2.20	0.28	1.30	1.56	0.20	0.92
n-Heptane	0.23	1.03	0.15	0.61	0.83	0.12	0.49	0.76	0.11	0.45
Methylcyclohexane	0.25	1.10	0.16	0.63	0.64	0.09	0.37	0.37	0.05	0.21
2,2,3-Trimethylpentane	0.25	0.38	0.05	0.22	0.43	0.05	0.25	0.22	0.03	0.13
2,3,4-Trimethylpentane	0.20	0.99	0.12	0.58	0.73	0.09	0.43	0.58	0.07	0.34
Toluene	0.20	7.06	1.01	3.83	7.08	1.01	3.84	5.47	0.78	2.97
2-Methylheptane	0.17	0.58	0.07	0.34	0.28	0.03	0.16	0.25	0.03	0.14
3-Methylheptane	0.20	0.59	0.07	0.35	0.34	0.04	0.20	0.21	0.03	0.12
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.74	0.09	0.44	0.49	0.06	0.29	0.42	0.05	0.25
Ethylbenzene	0.21	1.19	0.15	0.71	1.15	0.14	0.69	1.02	0.13	0.61
m-Xylene/p-Xylene	0.16	5.47	0.68	3.00	5.11	0.64	2.80	6.65	0.83	3.64
Styrene	0.20	1.17	0.15	0.63	0.88	0.11	0.47	2.41	0.30	1.29
o-Xylene	0.19	2.33	0.29	1.28	1.29	0.16	0.71	1.13	0.14	0.62
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.78	0.09	0.46	0.53	0.06	0.31	0.61	0.07	0.36
Isopropylbenzene	0.18	0.46	0.05	0.25	0.16	U 0.02	U 0.09	ND	ND	ND
a-Pinene	0.18	1.06	0.11	0.59	2.49	0.25	1.40	ND	ND	ND
n-Propylbenzene	0.21	0.60	0.07	0.33	0.40	0.04	0.22	0.46	0.05	0.25
m-Ethyltoluene	0.15	1.30	0.14	0.72	1.19	0.13	0.66	1.08	0.12	0.59
p-Ethyltoluene	0.19	0.88	0.10	0.48	0.68	0.08	0.37	0.52	0.06	0.29
1,3,5-Trimethylbenzene	0.18	0.77	0.09	0.42	0.56	0.06	0.31	0.49	0.05	0.27
o-Ethyltoluene	0.22	0.68	0.08	0.38	0.47	0.05	0.26	0.36	0.04	0.20
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.88	0.21	1.04	1.73	0.19	0.95	1.55	0.17	0.85
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.92	0.09	0.54	0.70	0.07	0.41	0.80	0.08	0.47
1,2,3-Trimethylbenzene	0.19	0.61	0.07	0.34	0.35	0.04	0.19	0.36	0.04	0.20
m-Diethylbenzene	0.20	0.67	0.07	0.37	0.45	0.05	0.25	0.55	0.06	0.31
p-Diethylbenzene	0.22	0.58	0.06	0.32	0.35	0.04	0.20	0.89	0.09	0.50
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.24	0.11	0.73	0.92	0.08	0.54	4.23	0.38	2.48
1-Dodecene	0.24	0.24	U 0.02	U 0.14	0.18	U 0.02	U 0.11	0.39	U 0.03	U 0.23
n-Dodecane	0.49	0.62	0.05	0.37	0.42	U 0.03	U 0.24	0.72	0.06	0.42
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spciated)		138.45	32.33	80.68	129.36	31.43	75.48	101.48	24.92	59.10
TNMOC, ppbC (w/ unknowns)		205.49	205.49	205.49	191.13	191.13	191.13	334.60	334.60	334.60

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SLMO 36592			SLMO 36663 D1			SLMO 36663 R1		
Sampling Date:		11/5/2003			11/11/2003			11/11/2003		
Analysis Date:		12/2/2003			12/2/2003			12/4/2003		
Filename:		L3LA032			L3LA022			L3LD004		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	2.19	1.10	1.27	6.13	3.07	3.55	5.83	2.91	3.37
Acetylene	0.11	3.15	1.58	1.69	7.60	3.80	4.08	7.18	3.59	3.85
Ethane	0.17	6.18	3.09	3.83	16.20	8.10	10.05	15.21	7.61	9.43
Propylene	0.11	1.03	0.34	0.60	2.42	0.81	1.40	2.30	0.77	1.33
Propane	0.19	4.96	1.65	3.01	13.01	4.34	7.89	12.22	4.07	7.41
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	1.96	0.49	1.17	5.04	1.26	3.02	4.70	1.17	2.81
Isobutene/1-Butene	0.17	0.87	0.22	0.50	1.86	0.46	1.07	1.76	0.44	1.02
1,3-Butadiene	0.17	0.14	U 0.03	U 0.08	0.53	0.13	0.29	0.43	0.11	0.24
n-Butane	0.17	3.94	0.99	2.36	14.95	3.74	8.96	13.90	3.47	8.33
trans-2-Butene	0.17	0.34	0.09	0.20	0.52	0.13	0.30	0.74	0.18	0.43
cis-2-Butene	0.16	0.39	0.10	0.22	0.65	0.16	0.37	0.57	0.14	0.33
3-Methyl-1-butene	0.16	ND	ND	ND	0.17	U 0.03	U 0.10	0.18	U 0.04	U 0.10
Isopentane	0.19	2.81	0.56	1.67	9.90	1.98	5.89	9.22	1.84	5.49
1-Pentene	0.20	0.33	0.07	0.19	0.67	0.13	0.39	0.48	0.10	0.28
2-Methyl-1-butene	0.20	0.17	U 0.03	U 0.10	0.58	0.12	0.34	0.50	0.10	0.29
n-Pentane	0.19	1.77	0.35	1.06	4.74	0.95	2.82	4.52	0.90	2.69
Isoprene	0.20	0.38	0.08	0.21	0.57	0.11	0.32	0.56	0.11	0.31
trans-2-Pentene	0.21	0.36	0.07	0.21	0.81	0.16	0.48	0.74	0.15	0.44
cis-2-Pentene	0.22	0.36	0.07	0.22	0.60	0.12	0.36	0.52	0.10	0.31
2-Methyl-2-butene	0.22	0.18	U 0.04	U 0.10	0.81	0.16	0.47	0.72	0.14	0.41
2,2-Dimethylbutane	0.20	0.70	0.12	0.42	1.32	0.22	0.78	1.27	0.21	0.75
Cyclopentene	0.20	0.82	0.16	0.46	1.04	0.21	0.58	0.86	0.17	0.48
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.28	0.06	0.16	0.72	0.14	0.42	0.75	0.15	0.44
2,3-Dimethylbutane	0.20	0.69	0.11	0.41	1.82	0.30	1.08	1.73	0.29	1.02
2-Methylpentane	0.13	1.57	0.26	0.93	6.99	1.17	4.14	6.48	1.08	3.84
3-Methylpentane	0.22	0.93	0.15	0.55	4.18	0.70	2.48	4.38	0.73	2.59
2-Methyl-1-pentene	0.22	ND	ND	ND	0.14	U 0.02	U 0.08	ND	ND	ND
1-Hexene	0.32	0.56	0.09	0.33	0.55	0.09	0.33	0.54	0.09	0.32
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.99	0.16	0.59	4.90	0.82	2.90	5.10	0.85	3.02
trans-2-Hexene	0.21	ND	ND	ND	0.19	U 0.03	U 0.11	0.17	U 0.03	U 0.10
cis-2-Hexene	0.21	ND	ND	ND	0.13	U 0.02	U 0.07	0.13	U 0.02	U 0.08
Methylcyclopentane	0.21	0.61	0.10	0.35	1.72	0.29	0.99	1.77	0.30	1.02
2,4-Dimethylpentane	0.22	0.53	0.08	0.27	1.17	0.17	0.59	1.12	0.16	0.57
Benzene	0.18	1.78	0.30	0.96	3.81	0.64	2.05	3.59	0.60	1.93
Cyclohexane	0.16	0.53	0.09	0.31	2.06	0.34	1.19	1.91	0.32	1.10
2-Methylhexane	0.21	1.03	0.15	0.61	2.82	0.40	1.67	2.56	0.37	1.51
2,3-Dimethylpentane	0.28	0.77	0.11	0.46	1.80	0.26	1.06	1.66	0.24	0.98
3-Methylhexane	0.17	0.59	0.08	0.35	2.38	0.34	1.40	2.57	0.37	1.52
1-Heptene	0.17	0.20	U 0.03	U 0.11	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.91	0.11	0.53	3.13	0.39	1.84	2.87	0.36	1.69
n-Heptane	0.23	0.54	0.08	0.32	2.06	0.29	1.22	1.86	0.27	1.10
Methylcyclohexane	0.25	0.64	0.09	0.37	1.42	0.20	0.82	1.37	0.20	0.79
2,2,3-Trimethylpentane	0.25	ND	ND	ND	0.71	0.09	0.42	0.62	0.08	0.36
2,3,4-Trimethylpentane	0.20	0.46	0.06	0.27	1.23	0.15	0.73	1.10	0.14	0.65
Toluene	0.20	2.66	0.38	1.45	11.79	1.68	6.40	10.91	1.56	5.92
2-Methylheptane	0.17	0.49	0.06	0.29	0.83	0.10	0.49	0.76	0.09	0.45
3-Methylheptane	0.20	0.37	0.05	0.22	0.68	0.09	0.40	0.65	0.08	0.38
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.48	0.06	0.29	0.89	0.11	0.52	0.84	0.10	0.49
Ethylbenzene	0.21	0.91	0.11	0.55	1.68	0.21	1.00	1.46	0.18	0.87
m-Xylene/p-Xylene	0.16	2.86	0.36	1.57	6.87	0.86	3.76	5.98	0.75	3.28
Styrene	0.20	1.49	0.19	0.80	1.52	0.19	0.82	1.48	0.19	0.80
o-Xylene	0.19	0.62	0.08	0.34	1.60	0.20	0.88	1.54	0.19	0.85
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.54	0.06	0.31	0.84	0.09	0.50	0.81	0.09	0.48
Isopropylbenzene	0.18	0.35	0.04	0.19	0.34	0.04	0.19	0.35	0.04	0.19
a-Pinene	0.18	ND	ND	ND	0.23	U 0.02	U 0.13	0.40	0.04	0.22
n-Propylbenzene	0.21	0.47	0.05	0.26	0.62	0.07	0.34	0.63	0.07	0.35
m-Ethyltoluene	0.15	0.87	0.10	0.48	1.53	0.17	0.84	1.43	0.16	0.79
p-Ethyltoluene	0.19	0.64	0.07	0.35	0.96	0.11	0.53	0.94	0.10	0.52
1,3,5-Trimethylbenzene	0.18	0.46	0.05	0.26	0.79	0.09	0.43	0.79	0.09	0.44
o-Ethyltoluene	0.22	0.42	0.05	0.23	0.70	0.08	0.38	0.65	0.07	0.36
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.18	0.13	0.65	2.34	0.26	1.29	2.17	0.24	1.19
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.52	0.05	0.30	1.12	0.11	0.66	1.26	0.13	0.74
1,2,3-Trimethylbenzene	0.19	0.33	0.04	0.18	0.62	0.07	0.34	0.56	0.06	0.31
m-Diethylbenzene	0.20	0.77	0.08	0.43	0.66	0.07	0.37	0.39	0.04	0.22
p-Diethylbenzene	0.22	0.52	0.05	0.29	1.30	0.13	0.72	1.23	0.12	0.68
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.08	0.10	0.64	18.66	1.70	10.94	16.60	1.51	9.73
1-Dodecene	0.24	0.21	U 0.02	U 0.12	0.31	U 0.03	U 0.18	0.15	U 0.01	U 0.09
n-Dodecane	0.49	0.52	0.04	0.30	2.81	0.23	1.65	2.56	0.21	1.50
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spciated)		65.39	15.54	37.93	193.69	43.74	112.86	181.16	41.08	105.58
TNMOC, ppbC (w/ unknowns)		130.59	130.59	130.59	327.79	327.79	327.79	299.37	299.37	299.37

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.

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Sample No.:		SLMO 36665 D2			SLMO 36665 R2			SLMO 36758		
Sampling Date:		11/11/2003			11/11/2003			11/17/2003		
Analysis Date:		12/2/2003			12/4/2003			12/9/2003		
Filename:		L3LA023			L3LD005			L3LH014		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	6.99	3.50	4.04	6.84	3.42	3.96	4.99	2.50	2.89
Acetylene	0.11	8.66	4.33	4.65	8.58	4.29	4.61	4.03	2.02	2.17
Ethane	0.17	18.07	9.04	11.21	17.75	8.88	11.01	12.05	6.02	7.47
Propylene	0.11	2.77	0.92	1.60	2.70	0.90	1.56	1.96	0.65	1.14
Propane	0.19	14.51	4.84	8.80	14.23	4.74	8.63	9.59	3.20	5.81
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	5.81	1.45	3.48	5.63	1.41	3.37	3.22	0.81	1.93
Isobutene/1-Butene	0.17	2.10	0.52	1.21	2.08	0.52	1.20	6.06	1.51	3.50
1,3-Butadiene	0.17	0.59	0.15	0.33	0.50	0.12	0.28	0.25	0.06	0.14
n-Butane	0.17	17.23	4.31	10.33	16.84	4.21	10.09	10.30	2.58	6.18
trans-2-Butene	0.17	0.51	0.13	0.30	0.85	0.21	0.49	0.30	0.08	0.18
cis-2-Butene	0.16	0.74	0.18	0.43	0.74	0.19	0.43	0.30	0.07	0.17
3-Methyl-1-butene	0.16	0.20	U	0.04	U	0.20	U	0.15	U	0.03
Isopentane	0.19	11.38	2.28	6.77	11.04	2.21	6.57	4.71	0.94	2.80
1-Pentene	0.20	0.65	0.13	0.38	0.63	0.13	0.36	0.33	0.07	0.19
2-Methyl-1-butene	0.20	0.67	0.13	0.39	0.65	0.13	0.38	0.46	0.09	0.27
n-Pentane	0.19	5.82	1.16	3.46	5.75	1.15	3.42	3.38	0.68	2.01
Isoprene	0.20	0.59	0.12	0.33	0.59	0.12	0.33	0.20	U	0.04
trans-2-Pentene	0.21	0.93	0.19	0.55	0.90	0.18	0.54	0.42	0.08	0.25
cis-2-Pentene	0.22	0.62	0.12	0.37	0.60	0.12	0.36	0.22	0.04	0.13
2-Methyl-2-butene	0.22	0.95	0.19	0.55	0.90	0.18	0.52	ND	ND	ND
2,2-Dimethylbutane	0.20	1.52	0.25	0.90	1.53	0.26	0.91	0.40	0.07	0.24
Cyclopentene	0.20	0.93	0.19	0.52	0.79	0.16	0.44	0.50	0.10	0.28
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.49	0.08	0.29
Cyclopentane	0.20	0.88	0.18	0.51	0.89	0.18	0.52	0.24	0.05	0.14
2,3-Dimethylbutane	0.20	2.15	0.36	1.27	2.12	0.35	1.26	0.56	0.09	0.33
2-Methylpentane	0.13	8.47	1.41	5.02	8.21	1.37	4.87	4.57	0.76	2.71
3-Methylpentane	0.22	4.92	0.82	2.91	5.09	0.85	3.02	1.36	0.23	0.80
2-Methyl-1-pentene	0.22	0.16	U	0.03	U	0.12	U	0.12	U	0.02
1-Hexene	0.32	0.67	0.11	0.40	0.60	0.10	0.35	0.30	U	0.05
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	5.61	0.93	3.32	5.55	0.93	3.29	2.03	0.34	1.20
trans-2-Hexene	0.21	0.22	U	0.04	U	0.22	U	0.14	U	0.02
cis-2-Hexene	0.21	0.13	U	0.02	U	0.15	U	ND	ND	ND
Methylcyclopentane	0.21	2.03	0.34	1.18	2.00	0.33	1.15	1.82	0.30	1.05
2,4-Dimethylpentane	0.22	1.43	0.20	0.73	1.39	0.20	0.70	0.48	0.07	0.24
Benzene	0.18	4.40	0.73	2.36	4.30	0.72	2.31	2.62	0.44	1.41
Cyclohexane	0.16	2.37	0.39	1.37	2.32	0.39	1.34	0.36	0.06	0.21
2-Methylhexane	0.21	2.94	0.42	1.74	3.23	0.46	1.91	3.63	0.52	2.14
2,3-Dimethylpentane	0.28	2.06	0.29	1.22	2.06	0.29	1.21	0.65	0.09	0.38
3-Methylhexane	0.17	2.75	0.39	1.63	2.75	0.39	1.62	ND	ND	ND
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.26	U	0.04
2,2,4-Trimethylpentane	0.19	3.66	0.46	2.15	3.58	0.45	2.11	2.07	0.26	1.22
n-Heptane	0.23	2.44	0.35	1.44	2.39	0.34	1.41	0.70	0.10	0.41
Methylcyclohexane	0.25	1.56	0.22	0.90	1.63	0.23	0.94	0.29	0.04	0.17
2,2,3-Trimethylpentane	0.25	0.81	0.10	0.48	0.81	0.10	0.48	0.48	0.06	0.28
2,3,4-Trimethylpentane	0.20	1.43	0.18	0.84	1.39	0.17	0.82	0.75	0.09	0.44
Toluene	0.20	14.00	2.00	7.60	13.53	1.93	7.35	4.56	0.65	2.48
2-Methylheptane	0.17	0.99	0.12	0.58	1.00	0.12	0.59	1.22	0.15	0.72
3-Methylheptane	0.20	0.80	0.10	0.47	0.70	0.09	0.41	0.24	0.03	0.14
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	1.03	0.13	0.60	1.02	0.13	0.60	0.35	0.04	0.21
Ethylbenzene	0.21	1.84	0.23	1.10	1.88	0.24	1.13	0.94	0.12	0.56
m-Xylene/p-Xylene	0.16	7.69	0.96	4.21	7.30	0.91	4.00	3.61	0.45	1.98
Styrene	0.20	1.80	0.22	0.96	1.74	0.22	0.93	4.72	0.59	2.53
o-Xylene	0.19	2.07	0.26	1.13	3.99	0.50	2.19	1.46	0.18	0.80
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.92	0.10	0.54	0.91	0.10	0.54	0.31	0.03	0.18
Isopropylbenzene	0.18	0.38	0.04	0.21	0.46	0.05	0.25	0.14	U	0.02
a-Pinene	0.18	0.26	0.03	0.15	0.34	0.03	0.19	ND	ND	ND
n-Propylbenzene	0.21	0.75	0.08	0.41	0.78	0.09	0.43	0.35	0.04	0.19
m-Ethyltoluene	0.15	1.75	0.19	0.97	1.79	0.20	0.99	0.88	0.10	0.48
p-Ethyltoluene	0.19	1.11	0.12	0.61	1.11	0.12	0.61	0.40	0.04	0.22
1,3,5-Trimethylbenzene	0.18	1.10	0.12	0.60	0.99	0.11	0.55	0.33	0.04	0.18
o-Ethyltoluene	0.22	0.78	0.09	0.43	0.72	0.08	0.39	0.28	0.03	0.16
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	2.74	0.30	1.51	2.60	0.29	1.43	1.13	0.13	0.62
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.49	0.15	0.88	1.23	0.12	0.72	0.32	0.03	0.19
1,2,3-Trimethylbenzene	0.19	0.58	0.06	0.32	0.71	0.08	0.39	0.60	0.07	0.33
m-Diethylbenzene	0.20	0.43	0.04	0.24	0.51	0.05	0.28	0.47	0.05	0.26
p-Diethylbenzene	0.22	1.43	0.14	0.79	1.41	0.14	0.78	0.48	0.05	0.26
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.13	U	0.01
n-Undecane	0.24	22.49	2.04	13.18	21.04	1.91	12.34	1.01	0.09	0.59
1-Dodecene	0.24	0.17	U	0.01	U	ND	ND	ND	ND	ND
n-Dodecane	0.49	3.23	0.27	1.89	3.30	0.27	1.93	0.29	U	0.02
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	0.12	U	0.01	U	ND	ND	ND	ND	ND
TNMOC (spciated)		223.23	49.99	130.05	220.15	49.28	128.20	111.95	28.31	65.27
TNMOC, ppbC (w/ unknowns)		386.51	386.51	386.51	407.13	407.13	407.13	306.19	306.19	306.19

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 36899			SLMO 36962 D1			SLMO 36962 R1						
Sampling Date:		11/23/2003			11/29/2003			11/29/2003						
Analysis Date:		12/15/2003			12/22/2003			12/24/2003						
Filename:		L3LO006			L3LV010			L3LW015						
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³				
Ethylene	0.15	2.08	1.04	1.20	3.73	1.86	2.16	3.80	1.90	2.20				
Acetylene	0.11	1.98	0.99	1.07	4.70	2.35	2.53	4.88	2.44	2.62				
Ethane	0.17	7.44	3.72	4.62	12.67	6.33	7.86	12.41	6.20	7.69				
Propylene	0.11	0.76	0.25	0.44	1.16	0.39	0.67	1.30	0.43	0.75				
Propane	0.19	4.68	1.56	2.84	7.61	2.54	4.62	7.68	2.56	4.66				
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isobutane	0.14	1.59	0.40	0.95	2.29	0.57	1.37	2.40	0.60	1.44				
Isobutene/t-Butene	0.17	0.89	0.22	0.51	0.93	0.23	0.54	1.14	0.29	0.66				
1,3-Butadiene	0.17	0.18	0.05	0.10	0.22	0.05	0.12	0.21	0.05	0.12				
n-Butane	0.17	3.80	0.95	2.28	5.19	1.30	3.11	5.37	1.34	3.22				
trans-2-Butene	0.17	0.12	U	0.03	U	0.07	0.15	0.46	0.12	0.27				
cis-2-Butene	0.16	0.46	0.12	0.27	0.18	0.04	0.10	0.44	0.11	0.25				
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Isopentane	0.19	2.53	0.51	1.51	3.81	0.76	2.27	4.09	0.82	2.44				
1-Pentene	0.20	0.14	U	0.03	U	0.08	0.12	0.36	0.07	0.21				
2-Methyl-1-butene	0.20	0.20	U	0.04	U	0.12	0.22	0.23	0.05	0.13				
n-Pentane	0.19	1.69	0.34	1.00	2.35	0.47	1.40	2.49	0.50	1.48				
Isoprene	0.20	ND	ND	ND	0.16	U	0.03	U	0.09	0.21				
trans-2-Pentene	0.21	0.23	0.05	0.14	0.22	0.04	0.13	0.40	0.08	0.24				
cis-2-Pentene	0.22	ND	ND	ND	0.12	U	0.02	U	0.07	0.21				
2-Methyl-2-butene	0.22	ND	ND	ND	0.31	0.06	0.18	0.31	0.06	0.18				
2,2-Dimethylbutane	0.20	0.25	0.04	0.15	0.28	0.05	0.17	0.60	0.10	0.36				
Cyclopentene	0.20	0.33	0.07	0.18	0.28	0.06	0.16	0.21	U	0.04	U	0.12		
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Cyclopentane	0.20	0.13	U	0.03	U	0.07	0.16	U	0.03	U	0.09	0.33	0.07	0.19
2,3-Dimethylbutane	0.20	0.26	0.04	0.15	0.39	0.07	0.23	0.74	0.12	0.44				
2-Methylpentane	0.13	1.70	0.28	1.00	1.63	0.27	0.96	1.74	0.29	1.03				
3-Methylpentane	0.22	0.72	0.12	0.43	0.86	0.14	0.51	1.24	0.21	0.73				
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1-Hexene	0.32	0.12	U	0.02	U	0.07	0.13	U	0.02	U	0.08	0.51	0.08	0.30
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	0.89	0.15	0.53	1.15	0.19	0.68	1.46	0.24	0.86				
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.39	0.06	0.22	0.61	0.10	0.35	0.78	0.13	0.45				
2,4-Dimethylpentane	0.22	0.14	U	0.02	U	0.07	0.23	0.03	0.12	0.55	0.08	0.28		
Benzene	0.18	1.59	0.27	0.86	1.82	0.30	0.98	2.07	0.34	1.11				
Cyclohexane	0.16	0.18	0.03	0.10	0.18	0.03	0.10	0.56	0.09	0.33				
2-Methylhexane	0.21	1.10	0.16	0.65	0.37	0.05	0.22	0.85	0.12	0.50				
2,3-Dimethylpentane	0.28	0.41	0.06	0.24	0.32	0.05	0.19	0.87	0.12	0.51				
3-Methylhexane	0.17	0.39	0.06	0.23	0.98	0.14	0.58	1.15	0.16	0.68				
1-Heptene	0.17	0.14	U	0.02	U	0.08	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	0.19	0.60	0.08	0.35	0.88	0.11	0.52	1.02	0.13	0.60				
n-Heptane	0.23	0.37	0.05	0.22	0.48	0.07	0.28	0.70	0.10	0.41				
Methylcyclohexane	0.25	0.29	0.04	0.17	0.36	0.05	0.21	0.55	0.08	0.32				
2,2,3-Trimethylpentane	0.25	ND	ND	ND	0.15	U	0.02	U	0.09	0.18	U	0.02	U	0.11
2,3,4-Trimethylpentane	0.20	0.24	0.03	0.14	0.29	0.04	0.17	0.45	0.06	0.26				
Toluene	0.20	2.16	0.31	1.17	3.05	0.44	1.66	3.22	0.46	1.75				
2-Methylheptane	0.17	0.23	0.03	0.14	0.18	0.02	0.11	0.39	0.05	0.23				
3-Methylheptane	0.20	0.15	U	0.02	U	0.09	0.15	U	0.02	U	0.09	0.38	0.05	0.22
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.21	0.03	0.12	0.29	0.04	0.17	0.48	0.06	0.29				
Ethylbenzene	0.21	0.95	0.12	0.57	0.82	0.10	0.49	1.46	0.18	0.88				
m-Xylene/p-Xylene	0.16	7.68	0.96	4.21	3.16	0.39	1.73	2.62	0.33	1.43				
Styrene	0.20	1.23	0.15	0.66	0.52	0.06	0.28	0.57	0.07	0.31				
o-Xylene	0.19	0.98	0.12	0.54	0.53	0.07	0.29	0.75	0.09	0.41				
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.35	0.04	0.21	0.16	0.02	0.10	0.36	0.04	0.21				
Isopropylbenzene	0.18	0.25	0.03	0.14	ND	ND	ND	0.31	0.03	0.17				
a-Pinene	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.38	0.04	0.21	0.24	0.03	0.13	0.39	0.04	0.21				
m-Ethyltoluene	0.15	0.93	0.10	0.51	0.70	0.08	0.39	0.77	0.09	0.42				
p-Ethyltoluene	0.19	0.35	0.04	0.19	0.36	0.04	0.20	0.56	0.06	0.31				
1,3,5-Trimethylbenzene	0.18	0.26	0.03	0.14	0.35	0.04	0.19	0.48	0.05	0.26				
o-Ethyltoluene	0.22	0.20	U	0.02	U	0.11	0.24	0.03	0.13	0.40	0.04	0.22		
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	0.90	0.10	0.50	0.85	0.09	0.47	1.02	0.11	0.56				
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.49	0.05	0.29	0.28	0.03	0.17	0.51	0.05	0.30				
1,2,3-Trimethylbenzene	0.19	0.30	0.03	0.16	0.18	U	0.02	U	0.10	0.37	0.04	0.20		
m-Diethylbenzene	0.20	0.41	0.04	0.23	0.14	U	0.01	U	0.08	0.35	0.03	0.19		
p-Diethylbenzene	0.22	0.69	0.07	0.38	0.22	0.02	0.12	0.31	0.03	0.17				
1-Undecene	0.22	0.29	0.03	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	2.29	0.21	1.34	3.34	0.30	1.96	3.33	0.30	1.95				
1-Dodecene	0.24	0.15	U	0.01	U	0.09	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.34	U	0.03	U	0.20	0.41	U	0.03	U	0.24	0.54	0.04	0.31
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spiciated)		61.14	14.50	35.46	74.05	20.92	43.37	84.80	22.63	49.59				
TNMOC, ppbC (w/ unknowns)		200.65	200.65	200.65	109.85	109.85	109.85	119.73	119.73	119.73				

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 36963 D2			SLMO 36963 R2			SLMO 36986		
Sampling Date:		11/29/2003			11/29/2003			12/5/2003		
Analysis Date:		12/22/2003			12/24/2003			12/23/2003		
Filename:		L3LV011			L3LW016			L3LW014		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.71	1.86	2.15	3.68	1.84	2.13	4.23	2.12	2.45
Acetylene	0.11	4.74	2.37	2.55	4.80	2.40	2.58	4.54	2.27	2.44
Ethane	0.17	12.38	6.19	7.68	11.85	5.93	7.35	9.82	4.91	6.09
Propylene	0.11	1.12	0.37	0.65	1.17	0.39	0.68	1.46	0.49	0.84
Propane	0.19	7.46	2.49	4.52	7.64	2.55	4.64	8.16	2.72	4.95
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.26	0.57	1.35	2.48	0.62	1.48	2.64	0.66	1.58
Isobutene/1-Butene	0.17	0.82	0.20	0.47	1.00	0.25	0.58	1.14	0.29	0.66
1,3-Butadiene	0.17	0.20	0.05	0.11	0.20	0.05	0.11	0.25	0.06	0.14
n-Butane	0.17	5.20	1.30	3.12	5.32	1.33	3.19	6.20	1.55	3.72
trans-2-Butene	0.17	ND	ND	ND	0.34	0.08	0.20	0.37	0.09	0.22
cis-2-Butene	0.16	0.17	0.04	0.10	0.40	0.10	0.23	0.41	0.10	0.24
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.80	0.76	2.26	4.07	0.81	2.42	4.22	0.84	2.51
1-Pentene	0.20	0.16	U	0.03	U	0.06	0.18	0.59	0.12	0.34
2-Methyl-1-butene	0.20	0.23	0.05	0.13	0.20	U	0.04	U	0.12	0.11
n-Pentane	0.19	2.40	0.48	1.43	2.51	0.50	1.49	2.29	0.46	1.37
Isoprene	0.20	0.16	U	0.03	U	0.08	0.23	0.53	0.11	0.30
trans-2-Pentene	0.21	0.27	0.05	0.16	0.40	0.08	0.24	0.40	0.08	0.24
cis-2-Pentene	0.22	0.14	U	0.03	U	0.06	0.19	0.36	0.07	0.21
2-Methyl-2-butene	0.22	0.32	0.06	0.18	0.31	0.06	0.18	0.23	0.05	0.14
2,2-Dimethylbutane	0.20	0.27	0.04	0.16	0.58	0.10	0.34	0.69	0.11	0.41
Cyclopentene	0.20	0.26	0.05	0.14	0.21	U	0.04	U	0.12	0.15
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	0.11	U	0.02
Cyclopentane	0.20	0.17	U	0.03	U	0.10	0.30	0.37	0.07	0.21
2,3-Dimethylbutane	0.20	0.40	0.07	0.24	0.73	0.12	0.43	0.77	0.13	0.45
2-Methylpentane	0.13	1.93	0.32	1.15	2.11	0.35	1.25	2.21	0.37	1.31
3-Methylpentane	0.22	0.91	0.15	0.54	1.44	0.24	0.85	1.29	0.21	0.76
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	ND	ND	ND	0.39	0.07	0.23	0.75	0.13	0.45
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	1.27	0.21	0.75	1.67	0.28	0.99	1.58	0.26	0.94
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	0.59	0.10	0.34	0.81	0.14	0.47	0.89	0.15	0.52
2,4-Dimethylpentane	0.22	0.23	0.03	0.12	0.49	0.07	0.25	0.55	0.08	0.28
Benzene	0.18	1.76	0.29	0.94	1.96	0.33	1.05	2.33	0.39	1.25
Cyclohexane	0.16	0.18	0.03	0.10	0.54	0.09	0.31	0.62	0.10	0.36
2-Methylhexane	0.21	0.46	0.07	0.27	0.79	0.11	0.47	1.34	0.19	0.79
2,3-Dimethylpentane	0.28	0.47	0.07	0.28	0.80	0.11	0.47	0.86	0.12	0.51
3-Methylhexane	0.17	0.95	0.14	0.56	1.08	0.15	0.64	0.87	0.12	0.51
1-Heptene	0.17	ND	ND	ND	ND	ND	ND	0.32	0.05	0.19
2,2,4-Trimethylpentane	0.19	0.81	0.10	0.48	0.91	0.11	0.54	0.93	0.12	0.55
n-Heptane	0.23	0.54	0.08	0.32	0.68	0.10	0.40	0.81	0.12	0.48
Methylcyclohexane	0.25	0.33	0.05	0.19	0.60	0.09	0.35	0.77	0.11	0.45
2,2,3-Trimethylpentane	0.25	0.17	U	0.02	U	0.10	0.17	U	0.02	U
2,3,4-Trimethylpentane	0.20	0.29	0.04	0.17	0.45	0.06	0.26	0.48	0.06	0.28
Toluene	0.20	3.18	0.45	1.73	3.42	0.49	1.86	3.82	0.55	2.08
2-Methylheptane	0.17	0.27	0.03	0.16	0.37	0.05	0.22	0.44	0.06	0.26
3-Methylheptane	0.20	0.21	0.03	0.12	0.36	0.05	0.21	0.43	0.05	0.25
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.32	0.04	0.19	0.48	0.06	0.28	0.57	0.07	0.33
Ethylbenzene	0.21	0.59	0.07	0.35	0.66	0.08	0.39	0.79	0.10	0.47
m-Xylene/p-Xylene	0.16	2.71	0.34	1.48	2.24	0.28	1.23	3.42	0.43	1.87
Styrene	0.20	0.62	0.08	0.33	0.80	0.10	0.43	0.68	0.09	0.37
o-Xylene	0.19	0.56	0.07	0.31	1.09	0.14	0.59	0.77	0.10	0.42
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	0.17	U	0.02
n-Nonane	0.11	0.23	0.03	0.14	0.40	0.04	0.24	0.52	0.06	0.30
Isopropylbenzene	0.18	0.09	U	0.01	U	0.03	0.15	0.35	0.04	0.19
a-Pinene	0.18	0.14	U	0.01	U	0.01	U	0.22	U	0.02
n-Propylbenzene	0.21	0.27	0.03	0.15	0.35	0.04	0.19	0.51	0.06	0.28
m-Ethyltoluene	0.15	0.68	0.08	0.37	0.79	0.09	0.44	0.96	0.11	0.53
p-Ethyltoluene	0.19	0.38	0.04	0.21	0.55	0.06	0.30	0.66	0.07	0.36
1,3,5-Trimethylbenzene	0.18	0.37	0.04	0.20	0.50	0.06	0.27	0.53	0.06	0.29
o-Ethyltoluene	0.22	0.24	0.03	0.13	0.39	0.04	0.21	0.45	0.05	0.25
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.21	1.04	0.12	0.57	1.17	0.13	0.65	1.48	0.16	0.82
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	0.30	0.03	0.18	0.50	0.05	0.30	0.49	0.05	0.29
1,2,3-Trimethylbenzene	0.19	0.22	0.02	0.12	0.34	0.04	0.19	0.36	0.04	0.20
m-Diethylbenzene	0.20	0.17	U	0.02	U	0.10	0.43	0.67	0.07	0.37
p-Diethylbenzene	0.22	0.33	0.03	0.18	0.42	0.04	0.23	0.59	0.06	0.33
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	0.24	U	0.02
n-Undecane	0.24	4.09	0.37	2.40	3.98	0.36	2.33	1.23	0.11	0.72
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	0.14	U	0.01
n-Dodecane	0.49	0.57	0.05	0.33	0.81	0.07	0.47	0.47	U	0.04
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spciated)		75.06	20.84	43.94	84.56	22.22	49.41	87.92	22.48	51.21
TNMOC, ppbC (w/ unknowns)		119.86	119.86	119.86	127.48	127.48	127.48	180.82	180.82	180.82

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 37102			SLMO 37227			SLMO 37228		
Sampling Date:		12/11/2003			12/17/2003			12/23/2003		
Analysis Date:		12/23/2003			1/6/2004			1/8/2004		
Filename:		L3LW013			L3AE016			L4AH013		
	MDL	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³	ppbC	ppbV	ug/m ³
Ethylene	0.15	3.72	1.86	2.15	5.11	2.55	2.95	2.66	1.33	1.54
Acetylene	0.11	4.51	2.25	2.42	5.35	2.67	2.87	3.21	1.60	1.72
Ethane	0.17	8.31	4.16	5.16	13.28	6.64	8.24	8.54	4.27	5.29
Propylene	0.11	1.29	0.43	0.75	2.03	0.68	1.17	0.90	0.30	0.52
Propane	0.19	6.82	2.27	4.14	8.73	2.91	5.30	6.46	2.15	3.92
Propyne	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane	0.14	2.20	0.55	1.32	3.12	0.78	1.87	2.10	0.53	1.26
Isobutene/1-Butene	0.17	1.04	0.26	0.60	2.33	0.58	1.35	0.72	0.18	0.41
1,3-Butadiene	0.17	0.24	0.06	0.13	0.36	0.09	0.20	0.15	U	0.04
n-Butane	0.17	5.27	1.32	3.16	7.27	1.82	4.36	4.58	1.14	2.74
trans-2-Butene	0.17	0.34	0.09	0.20	0.62	0.16	0.36	ND	ND	ND
cis-2-Butene	0.16	0.36	0.09	0.21	0.56	0.14	0.32	ND	ND	ND
3-Methyl-1-butene	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopentane	0.19	3.96	0.79	2.36	5.42	1.08	3.23	2.65	0.53	1.58
1-Pentene	0.20	0.28	0.06	0.16	0.46	0.09	0.26	ND	ND	ND
2-Methyl-1-butene	0.20	0.19	U	0.04	U	0.11	0.33	0.07	0.19	0.14
n-Pentane	0.19	2.02	0.40	1.20	2.85	0.57	1.70	1.51	0.30	0.90
Isoprene	0.20	0.45	0.09	0.25	0.44	0.09	0.25	ND	ND	ND
trans-2-Pentene	0.21	0.38	0.08	0.22	0.56	0.11	0.33	0.17	U	0.03
cis-2-Pentene	0.22	0.30	0.06	0.18	0.46	0.09	0.27	ND	ND	ND
2-Methyl-2-butene	0.22	0.25	0.05	0.15	0.43	0.09	0.25	0.16	U	0.03
2,2-Dimethylbutane	0.20	0.60	0.10	0.36	0.82	0.14	0.49	0.26	0.04	0.15
Cyclopentene	0.20	0.34	0.07	0.19	0.26	0.05	0.15	0.23	0.05	0.13
4-Methyl-1-pentene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.20	0.33	0.07	0.19	0.45	0.09	0.26	0.12	U	0.02
2,3-Dimethylbutane	0.20	0.81	0.13	0.48	0.95	0.16	0.56	0.25	0.04	0.15
2-Methylpentane	0.13	2.84	0.47	1.68	2.23	0.37	1.32	1.17	0.19	0.69
3-Methylpentane	0.22	3.03	0.51	1.80	1.44	0.24	0.85	0.48	0.08	0.28
2-Methyl-1-pentene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	0.32	0.44	0.07	0.26	0.68	0.11	0.40	ND	ND	ND
2-Ethyl-1-butene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	0.21	4.28	0.71	2.54	1.89	0.32	1.12	0.86	0.14	0.51
trans-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclopentane	0.21	1.59	0.27	0.92	1.03	0.17	0.60	0.42	0.07	0.24
2,4-Dimethylpentane	0.22	0.49	0.07	0.25	0.73	0.10	0.37	0.25	0.04	0.13
Benzene	0.18	1.96	0.33	1.05	2.46	0.41	1.32	1.65	0.28	0.89
Cyclohexane	0.16	0.70	0.12	0.40	0.72	0.12	0.41	0.21	0.04	0.12
2-Methylhexane	0.21	0.98	0.14	0.58	0.95	0.14	0.56	0.61	0.09	0.36
2,3-Dimethylpentane	0.28	0.80	0.11	0.47	0.96	0.14	0.57	0.23	U	0.03
3-Methylhexane	0.17	1.12	0.16	0.66	1.32	0.19	0.78	ND	ND	ND
1-Heptene	0.17	ND	ND	ND	0.26	U	0.04	U	0.15	ND
2,2,4-Trimethylpentane	0.19	1.12	0.14	0.66	1.46	0.18	0.86	0.80	0.10	0.47
n-Heptane	0.23	0.75	0.11	0.44	1.02	0.15	0.60	0.41	0.06	0.24
Methylcyclohexane	0.25	0.67	0.10	0.39	0.85	0.12	0.49	0.22	U	0.03
2,2,3-Trimethylpentane	0.25	0.16	U	0.02	U	0.09	ND	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.42	0.05	0.25	0.68	0.08	0.40	0.18	U	0.02
Toluene	0.20	5.02	0.72	2.73	5.14	0.73	2.79	2.48	0.35	1.35
2-Methylheptane	0.17	0.53	0.07	0.31	0.61	0.08	0.36	0.27	0.03	0.16
3-Methylheptane	0.20	0.40	0.05	0.23	0.52	0.06	0.31	0.12	U	0.01
1-Octene	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Octane	0.21	0.71	0.09	0.42	0.73	0.09	0.43	0.24	0.03	0.14
Ethylbenzene	0.21	0.90	0.11	0.54	1.14	0.14	0.68	0.68	0.09	0.41
m-Xylene/p-Xylene	0.16	3.12	0.39	1.71	5.50	0.69	3.01	4.02	0.50	2.20
Styrene	0.20	0.84	0.11	0.45	0.72	0.09	0.39	0.69	0.09	0.37
o-Xylene	0.19	0.80	0.10	0.44	0.94	0.12	0.51	0.45	0.06	0.25
1-Nonene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nonane	0.11	0.68	0.08	0.40	0.53	0.06	0.31	0.31	0.03	0.18
Isopropylbenzene	0.18	0.27	0.03	0.15	0.31	0.03	0.17	ND	ND	ND
a-Pinene	0.18	0.26	0.03	0.15	ND	ND	ND	ND	ND	ND
n-Propylbenzene	0.21	0.46	0.05	0.26	0.57	0.06	0.31	0.25	0.03	0.14
m-Ethyltoluene	0.15	0.93	0.10	0.51	1.25	0.14	0.69	0.70	0.08	0.38
p-Ethyltoluene	0.19	0.64	0.07	0.35	0.83	0.09	0.46	0.37	0.04	0.20
1,3,5-Trimethylbenzene	0.18	0.60	0.07	0.33	0.76	0.08	0.42	0.31	0.03	0.17
o-Ethyltoluene	0.22	0.40	0.04	0.22	0.59	0.07	0.32	0.24	0.03	0.13
b-Pinene	0.22	ND	ND	ND	ND	ND	ND	0.29	0.03	0.16
1,2,4-Trimethylbenzene	0.21	1.34	0.15	0.74	1.72	0.19	0.95	0.84	0.09	0.46
1-Decene	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Decane	0.25	1.05	0.11	0.62	0.59	0.06	0.34	0.33	0.03	0.19
1,2,3-Trimethylbenzene	0.19	0.36	0.04	0.20	0.47	0.05	0.26	0.26	0.03	0.14
m-Diethylbenzene	0.20	0.47	0.05	0.26	0.49	0.05	0.27	0.17	U	0.02
p-Diethylbenzene	0.22	0.43	0.04	0.24	0.59	0.06	0.33	0.47	0.05	0.26
1-Undecene	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Undecane	0.24	1.24	0.11	0.73	1.79	0.16	1.05	0.80	0.07	0.47
1-Dodecene	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Dodecane	0.49	0.51	0.04	0.30	0.42	U	0.03	U	0.24	0.15
1-Tridecene	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
TNMOC (spciated)		87.33	21.28	50.80	107.03	27.67	62.34	56.79	15.53	33.12
TNMOC, ppbC (w/ unknowns)		159.76	159.76	159.76	194.34	194.34	194.34	128.27	128.27	128.27

* Should be considered an estimate - the daily QC failed criteria for ethylene.
Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.
NR Not reported due to co-eluting compound.
U Under detection limit.

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Sample No.:		SLMO 37386		
Sampling Date:		12/29/2003		
Analysis Date:		1/14/2004		
Filename:		L4AN005		
	MDL	ppbC	ppbV	ug/m ³
Ethylene	0.15	4.45	2.22	2.57
Acetylene	0.11	4.51	2.25	2.42
Ethane	0.17	14.64	7.32	9.08
Propylene	0.11	1.54	0.51	0.89
Propane	0.19	8.62	2.87	5.23
Propyne	0.19	ND	ND	ND
Isobutane	0.14	3.28	0.82	1.96
Isobutene/1-Butene	0.17	1.15	0.29	0.66
1,3-Butadiene	0.17	0.29	0.07	0.16
n-Butane	0.17	7.45	1.86	4.47
trans-2-Butene	0.17	0.20	0.05	0.12
cis-2-Butene	0.16	0.19	0.05	0.11
3-Methyl-1-butene	0.16	ND	ND	ND
Isopentane	0.19	4.44	0.89	2.64
1-Pentene	0.20	0.20	0.04	0.12
2-Methyl-1-butene	0.20	0.26	0.05	0.15
n-Pentane	0.19	2.36	0.47	1.40
Isoprene	0.20	0.19 U	0.04 U	0.11
trans-2-Pentene	0.21	0.27	0.05	0.16
cis-2-Pentene	0.22	0.15 U	0.03 U	0.09
2-Methyl-2-butene	0.22	0.33	0.07	0.19
2,2-Dimethylbutane	0.20	0.37	0.06	0.22
Cyclopentene	0.20	0.33	0.07	0.19
4-Methyl-1-pentene	0.20	ND	ND	ND
Cyclopentane	0.20	0.20 U	0.04 U	0.11
2,3-Dimethylbutane	0.20	0.48	0.08	0.28
2-Methylpentane	0.13	1.85	0.31	1.09
3-Methylpentane	0.22	0.99	0.17	0.59
2-Methyl-1-pentene	0.22	ND	ND	ND
1-Hexene	0.32	0.21 U	0.03 U	0.12
2-Ethyl-1-butene	0.22	ND	ND	ND
n-Hexane	0.21	1.51	0.25	0.90
trans-2-Hexene	0.21	ND	ND	ND
cis-2-Hexene	0.21	ND	ND	ND
Methylcyclopentane	0.21	0.74	0.12	0.43
2,4-Dimethylpentane	0.22	0.32	0.05	0.16
Benzene	0.18	2.07	0.34	1.11
Cyclohexane	0.16	0.35	0.06	0.20
2-Methylhexane	0.21	0.76	0.11	0.45
2,3-Dimethylpentane	0.28	0.46	0.07	0.27
3-Methylhexane	0.17	0.60	0.09	0.35
1-Heptene	0.17	0.18 U	0.03 U	0.10
2,2,4-Trimethylpentane	0.19	1.04	0.13	0.61
n-Heptane	0.23	0.68	0.10	0.40
Methylcyclohexane	0.25	0.71	0.10	0.41
2,2,3-Trimethylpentane	0.25	ND	ND	ND
2,3,4-Trimethylpentane	0.20	0.38	0.05	0.22
Toluene	0.20	4.27	0.61	2.32
2-Methylheptane	0.17	0.46	0.06	0.27
3-Methylheptane	0.20	0.26	0.03	0.15
1-Octene	0.20	ND	ND	ND
n-Octane	0.21	0.44	0.06	0.26
Ethylbenzene	0.21	0.93	0.12	0.56
m-Xylene/p-Xylene	0.16	5.57	0.70	3.05
Styrene	0.20	1.16	0.14	0.62
o-Xylene	0.19	0.82	0.10	0.45
1-Nonene	0.19	ND	ND	ND
n-Nonane	0.11	0.45	0.05	0.27
Isopropylbenzene	0.18	0.15 U	0.02 U	0.08
a-Pinene	0.18	0.24 U	0.02 U	0.13
n-Propylbenzene	0.21	0.37	0.04	0.20
m-Ethyltoluene	0.15	1.10	0.12	0.60
p-Ethyltoluene	0.19	0.47	0.05	0.26
1,3,5-Trimethylbenzene	0.18	0.48	0.05	0.26
o-Ethyltoluene	0.22	0.24	0.03	0.13
b-Pinene	0.22	0.30	0.03	0.17
1,2,4-Trimethylbenzene	0.21	1.31	0.15	0.72
1-Decene	0.21	ND	ND	ND
n-Decane	0.25	0.36	0.04	0.21
1,2,3-Trimethylbenzene	0.19	0.28	0.03	0.16
m-Diethylbenzene	0.20	0.16 U	0.02 U	0.09
p-Diethylbenzene	0.22	0.46	0.05	0.25
1-Undecene	0.22	0.17 U	0.02 U	0.10
n-Undecane	0.24	1.98	0.18	1.16
1-Dodecene	0.24	ND	ND	ND
n-Dodecane	0.49	0.37 U	0.03 U	0.22
1-Tridecene	0.49	ND	ND	ND
n-Tridecane	0.49	ND	ND	ND
TNMOC (speciated)		91.51	24.93	53.46
TNMOC, ppbC (w/ unknowns)		178.68	178.68	178.68

* Should be considered an estimate - the daily QC failed criteria for ethylene.

Should be considered an estimate - the 3/14/03 QC failed criteria for toluene.

NR Not reported due to co-eluting compound.

U Under detection limit.