

## **APPENDIX – D: 2011**

Data Summary for All Chemicals of Potential Concern (COPCs)  
and Toxicity Values

**Table D1. 2011 Chemicals with Toxicity Values at the Bell and Battlement Mesa Sites in the Rural Oil & Gas Development Area.**

Compound	BELL			BATTLEMENT MESA		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Acetaldehyde	0.00%	0.742	0.715	0.00%	1.308	0.884
Acetone	0.00%	3.159	3.034	0.00%	10.93	4.796
Benzene	1.85%	2.636	0.978	0.00%	6.869	1.855
1,3-Butadiene	87.04%	0.149	0.074	84.00%	0.16	0.097
Crotonaldehyde	16.67%	0.0774	0.063	5.00%	0.307	0.157
Cyclohexane	0.00%	9.695	2.339	0.00%	7.114	2.460
Ethylbenzene	1.85%	0.36	0.174	0.00%	1.851	0.600
Formaldehyde	0.00%	1.159	1.105	0.00%	2.616	1.690
n-Hexane	0.00%	20.27	4.110	0.00%	10.87	4.154
Isopropylbenzene	42.59%	0.118	0.083	26.00%	0.175	0.098
Methylcyclohexane	0.00%	16.64	4.262	0.00%	15.72	4.990
Nonane	0.00%	1.037	0.376	0.00%	3.258	0.843
Pentane	0.00%	38.13	9.280	0.00%	22.13	8.500
Propionaldehyde	16.67%	0.135	0.098	5.00%	0.2	0.122
Propylene	1.85%	0.774	0.411	2.00%	0.711	0.456
Propylbenzene	27.78%	0.18	0.091	16.00%	0.677	0.220
Styrene	85.19%	2.694	0.244	88.00%	0.396	0.147
Toluene	0.00%	8.021	1.816	0.00%	12.33	3.656
1,2,3-Trimethylbenzene	22.22%	0.275	0.101	10.00%	0.726	0.219
1,2,4-Trimethylbenzene	0.00%	1.213	0.245	0.00%	2.338	0.723
1,3,5-Trimethylbenzene	37.04%	0.452	0.132	30.00%	1.098	0.287
m-Xylene/p-Xylene	44.44%	1.585	0.645	44.00%	7.436	1.611
o-Xylene	0.00%	0.57	0.207	0.00%	2.421	0.770
<b>Aliphatic hydrocarbons C5-C8</b>	NA	117.12	34.69	NA	100.81	38.41
<b>Aliphatic hydrocarbons C9-C18</b>	NA	6.861	1.923	NA	14.55	5.042
<b>Aromatic hydrocarbons C9-C16</b>	NA	2.288	0.761	NA	5.543	1.672

NA = Not Applicable

**Table D1.1. 2011 Chemicals with Toxicity Values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area**

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. µg/m³	EPC µg/m³	% Samples ND	Max. Conc. µg/m³	EPC µg/m³
Acetaldehyde	0.00%	1.515	1.037	0.00%	2.342	1.603
Acetone	0.00%	8.029	3.315	0.00%	5.297	3.207
Benzene	2.00%	3.69	1.644	3.92%	2.785	1.426
1,3-Butadiene	60.00%	0.33	0.131	21.57%	0.533	0.235
Crotonaldehyde	4.76%	0.33	0.162	0.00%	0.396	0.189
Cyclohexane	0.00%	9.236	2.646	0.00%	6.138	2.192
Ethylbenzene	0.00%	1.574	0.367	0.00%	0.852	0.384
Formaldehyde	0.00%	2.616	1.835	0.00%	3.389	2.102
n-Hexane	0.00%	14.45	4.087	0.00%	39.89	5.522
Isopropylbenzene	26.00%	0.147	0.090	21.57%	0.134	0.091
Methylcyclohexane	0.00%	18.99	5.506	0.00%	10.67	3.952
Nonane	0.00%	6.411	1.196	0.00%	1.702	0.502
Pentane	0.00%	42.37	9.310	0.00%	22.25	7.956
Propionaldehyde	9.52%	0.219	0.111	0.00%	0.283	0.179
Propylene	2.00%	1.222	0.612	0.00%	1.819	1.027
Propylbenzene	14.00%	0.222	0.114	3.92%	0.285	0.129
Styrene	84.00%	1.741	0.248	70.59%	0.543	0.135
Toluene	0.00%	93.13	14.740	0.00%	93.67	15.970
1,2,3-Trimethylbenzene	12.00%	0.44	0.140	0.00%	0.27	0.136
1,2,4-Trimethylbenzene	0.00%	5.571	0.902	0.00%	0.901	0.464
1,3,5-Trimethylbenzene	36.00%	0.505	0.282	31.37%	0.494	0.227
m-Xylene/p-Xylene	44.00%	4.7	1.491	45.10%	3.457	1.363
o-Xylene	0.00%	1.889	0.473	0.00%	1.156	0.485
<b>Aliphatic hydrocarbons C5-C8</b>	NA	136.28	37.72	NA	108.55	36.165
<b>Aliphatic hydrocarbons C9-C18</b>	NA	12.86	2.714	NA	8.501	2.446
<b>Aromatic hydrocarbons C9-C16</b>	NA	1.004	0.988	NA	2.691	1.116

NA = Not Applicable

**Table D 2. 2011 Total Petroleum Hydrocarbons with Toxicity Values at the Bell and Battlement Mesa Sites in the Rural Oil & Gas Development Area.**

Compound	BELL			BATLEMENT MESA		
	% Samples ND	Max. Conc. µg/m <sup>3</sup>	EPC µg/m <sup>3</sup>	% Samples ND	Max. Conc. µg/m <sup>3</sup>	EPC µg/m <sup>3</sup>
1-Heptene	5.56%	2.037	0.516	0.00%	1.704	0.641
1-Hexene	18.52%	0.226	0.129	22.00%	0.301	0.164
1-Octene	55.56%	0.232	0.116	56.00%	0.232	0.129
1-Pentene	11.11%	0.3	0.130	4.00%	0.838	0.266
2,2,3-Trimethylpentane	75.93%	0.199	0.119	70.00%	0.381	0.161
2,2,4-Trimethylpentane	62.96%	0.596	0.120	50.00%	0.853	0.179
2,2-Dimethylbutane	0.00%	1.721	0.466	0.00%	1.239	0.561
2,3,4-Trimethylpentane	29.63%	0.159	0.090	12.00%	0.476	0.174
2,3-Dimethylbutane	20.37%	2.068	0.710	20.00%	2.144	0.841
2,3-Dimethylpentane	1.85%	1.376	0.429	0.00%	1.335	0.537
2,4-Dimethylpentane	0.00%	1.089	0.304	0.00%	0.902	0.380
2-Ethyl-1-butene	100.00%	NA	NA	100.00%	NA	NA
2-Methyl-1-butene	70.37%	0.336	0.127	50.00%	1.205	0.269
2-Methyl-1-pentene	100.00%	NA	NA	92.00%	0.219	0.206
2-Methyl-2-butene	59.26%	0.333	0.126	24.00%	1.641	0.353
2-Methylheptane	1.85%	1.355	0.457	0.00%	1.84	0.632
2-Methylhexane	1.85%	3.788	1.146	0.00%	3.431	1.506
2-Methylpentane	0.00%	16.62	3.701	0.00%	8.929	3.959
3-Methyl-1-butene	100.00%	NA	NA	94.00%	0.453	0.291
3-Methylheptane	1.85%	0.794	0.304	0.00%	1.419	0.508
3-Methylhexane	3.70%	3.489	1.043	2.00%	3.53	1.704
3-Methylpentane	0.00%	8.811	1.999	0.00%	5.234	2.302
4-Methyl-1-pentene	98.15%	0.0861	0.0861	96.00%	0.119	0.136
cis-2-Hexene	98.15%	0.0602	0.0602	80.00%	0.207	0.128
cis-2-Pentene	50.00%	0.11	0.072	24.00%	0.82	0.184
Cyclopentane	0.00%	2.031	0.547	0.00%	1.394	0.599
Cyclopentene	75.93%	1.254	0.211	64.00%	0.892	0.190
Isopentane	1.85%	48.16	16.510	2.00%	39.31	14.660
Isoprene	20.37%	1.644	0.288	18.00%	0.869	0.328
Methylcyclopentane	0.00%	8.204	1.888	0.00%	5.737	2.226
n-Heptane	0.00%	6.967	1.881	0.00%	6.147	2.142
n-Octane	0.00%	2.873	1.024	0.00%	5.186	1.469
trans-2-Hexene	100.00%	NA	NA	88.00%	0.312	0.166
trans-2-Pentene	31.48%	0.205	0.089	12.00%	1.509	0.415
<b>Sum of Aliphatic C5-C8 Fraction</b>	NA	117.12	34.69	NA	100.81	<b>38.41</b>

NA = Not Applicable

Table D2. Continued

**2011 Total Petroleum Hydrocarbons with Toxicity Values at the Bell and Battlement Mesa Sites in the Rural Oil & Gas Development Area.**

Compound	BELL			BATTLEMENT MESA		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
<b>Aliphatic hydrocarbons C9-C18</b>						
1-Decene	100.00%	NA	NA	98.00%	2.45	2.45
1-Dodecene	27.78%	1.314	0.287	24.00%	0.964	0.225
1-Nonene	68.52%	0.194	0.108	60.00%	0.637	0.146
1-Tridecene	92.59%	0.0975	0.095	96.00%	0.116	0.130
1-Undecene	90.74%	0.981	0.127	80.00%	0.608	0.112
a-Pinene	75.93%	0.441	0.142	74.00%	0.461	0.139
b-Pinene	94.44%	0.591	0.145	94.00%	0.674	0.182
n-Decane	0.00%	0.658	0.246	0.00%	5.307	0.687
n-Dodecane	3.70%	0.72	0.329	0.00%	0.906	0.405
n-Undecane	9.26%	0.443	0.187	0.00%	2.168	0.424
n-Tridecane	94.44%	1.421	0.257	86.00%	0.259	0.142
<b>Sum of Aliphatic C9-C18 Fraction</b>		6.861	<b>1.923</b>		14.55	<b>5.042</b>
<b>Aromatic Hydrocarbons C9-C16</b>						
p-Diethylbenzene	25.93%	0.323	0.127	18.00%	0.565	0.160
m-Diethylbenzene	12.96%	0.769	0.241	12.00%	1.307	0.397
p-Ethyltoluene	7.41%	0.308	0.118	2.00%	1.087	0.330
m-Ethyltoluene	3.70%	0.574	0.161	0.00%	1.464	0.459
o-Ethyltoluene	18.52%	0.314	0.114	6.00%	1.12	0.326
<b>Sum of Aromatic C9-C16 Fraction</b>		2.288	<b>0.761</b>		5.543	<b>1.672</b>

NA = Not Applicable

**Table D 2.1. 2011 Total Petroleum Hydrocarbons with toxicity values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area**

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. µg/m <sup>3</sup>	EPC µg/m <sup>3</sup>	% Samples ND	Max. Conc. µg/m <sup>3</sup>	EPC µg/m <sup>3</sup>
<b>Aliphatic hydrocarbons C5-C8</b>						
1-Heptene	8.00%	2.22	0.606	3.92%	1.371	0.521
1-Hexene	16.00%	0.325	0.157	9.80%	0.297	0.166
1-Octene	52.00%	0.417	0.161	54.90%	0.313	0.134
1-Pentene	4.00%	0.447	0.170	0.00%	0.4	0.228
2,2,3-Trimethylpentane	64.00%	0.318	0.154	62.75%	0.413	0.151
2,2,4-Trimethylpentane	60.00%	1.442	0.207	19.61%	1.32	0.288
2,2-Dimethylbutane	0.00%	1.598	0.597	0.00%	1.228	0.534
2,3,4-Trimethylpentane	22.00%	0.642	0.141	1.96%	0.329	0.135
2,3-Dimethylbutane	12.00%	2.267	0.891	19.61%	1.944	0.838
2,3-Dimethylpentane	0.00%	1.294	0.515	0.00%	1.03	0.496
2,4-Dimethylpentane	0.00%	1.019	0.369	0.00%	0.773	0.343
2-Ethyl-1-butene	100.00%	NA	NA	100.00%	NA	NA
2-Methyl-1-butene	50.00%	0.66	0.164	11.76%	0.56	0.240
2-Methyl-1-pentene	98.00%	0.0677	0.0677	98.04%	0.0367	0.0367
2-Methyl-2-butene	22.00%	0.861	0.185	7.84%	1.893	0.412
2-Methylheptane	0.00%	1.816	0.704	0.00%	1.653	0.538
2-Methylhexane	0.00%	3.958	1.467	0.00%	2.746	1.254
2-Methylpentane	0.00%	12.22	3.720	0.00%	10.57	3.996
3-Methyl-1-butene	100.00%	NA	NA	98.04%	0.0947	0.0947
3-Methylheptane	0.00%	1.296	0.559	0.00%	1.407	0.411
3-Methylhexane	2.00%	3.899	1.395	1.96%	2.717	1.163
3-Methylpentane	0.00%	6.99	2.209	0.00%	12.98	2.685
4-Methyl-1-pentene	98.00%	0.115	0.115	96.08%	0.0838	0.085
cis-2-Hexene	92.00%	0.0941	0.093	84.31%	0.232	0.079
cis-2-Pentene	38.00%	0.34	0.096	5.88%	0.213	0.119
Cyclopentane	2.00%	4.211	0.921	0.00%	1.302	0.552
Cyclopentene	76.00%	0.819	0.146	66.67%	0.769	0.176
Isopentane	4.00%	64.92	14.890	3.92%	38.83	14.280
Isoprene	18.00%	1.516	0.384	1.96%	1.716	0.453
Methylcyclopentane	0.00%	7.63	2.257	0.00%	12.33	2.520
n-Heptane	0.00%	6.791	2.208	0.00%	4.555	1.827
n-Octane	0.00%	5.221	1.830	0.00%	3.802	1.171
trans-2-Hexene	96.00%	0.15	0.167	88.24%	0.0711	0.062
trans-2-Pentene	16.00%	0.711	0.176	0.00%	0.566	0.209
<b>Sum of Aliphatic C5-C8 Fraction</b>	<b>NA</b>	<b>136.28</b>	<b>37.72</b>	<b>NA</b>	<b>108.55</b>	<b>36.20</b>

NA = Not Applicable

Table D 2.1. Continued.

**2011 Total Petroleum Hydrocarbons with toxicity values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area**

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
<b>Aliphatic hydrocarbons C9-C18</b>						
1-Decene	100.00%	NA	NA	98.04%	0.356	0.356
1-Dodecene	22.00%	4.916	0.468	19.61%	0.906	0.281
1-Nonene	58.00%	2.065	0.282	56.86%	0.305	0.123
1-Tridecene	96.00%	0.0488	0.051	98.04%	0.07	n/a
1-Undecene	88.00%	0.608	0.108	78.43%	0.442	0.107
a-Pinene	78.00%	0.947	0.142	72.55%	0.378	0.146
b-Pinene	86.00%	0.508	0.146	90.20%	0.585	0.150
n-Decane	0.00%	1.228	0.583	0.00%	0.692	0.379
n-Dodecane	0.00%	1.382	0.431	0.00%	2.032	0.496
n-Undecane	2.00%	1.04	0.406	0.00%	2.575	0.291
n-Tridecane	86.00%	0.111	0.097	92.16%	0.16	0.137
<b>Sum of Aliphatic C9-C18 Fraction</b>	<b>NA</b>	<b>12.854</b>	<b>2.714</b>	<b>NA</b>	<b>8.501</b>	<b>2.446</b>
<b>Aromatic Hydrocarbons C9-C16</b>						
p-Diethylbenzene	20.00%	0.334	0.147	11.76%	0.321	0.143
m-Diethylbenzene	12.00%	0.862	0.260	7.84%	1.016	0.276
p-Ethyltoluene	2.00%	0.276	0.173	0.00%	0.457	0.202
m-Ethyltoluene	0.00%	0.49	0.245	0.00%	0.557	0.305
o-Ethyltoluene	8.00%	0.321	0.179	1.96%	0.34	0.190
<b>Sum of Aromatic C9-C16 Fraction</b>	<b>NA</b>	<b>1.004</b>	<b>0.988</b>	<b>NA</b>	<b>2.691</b>	<b>1.116</b>

NA = Not Applicable

**Table D3. 2011 Chemicals with no toxicity values at the Bell and Battlement Mesa Sites in the Rural Oil & Gas Development Area**

Compound	BELL			BATTLEMENT MESA		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Acetylene	0.00%	1.518	0.711	0.00%	1.475	0.648
n-Butane	20.37%	48.67	16.070	20.00%	38.27	11.770
cis-2-Butene	42.59%	0.139	0.084	8.00%	1.354	0.401
trans-2-Butene	31.48%	3.178	0.289	4.00%	1.537	0.436
Ethane	0.00%	343.1	73.740	0.00%	257	63.280
Ethylene	0.00%	2.278	1.268	0.00%	2.335	1.284
Isobutane	0.00%	76.66	17.300	0.00%	37.92	12.390
Isobutene/1-Butene	77.78%	4.521	0.529	68.00%	3.821	0.679
Propane	0.00%	226	49.360	0.00%	121.4	34.860
Propyne	100.00%	NA	NA	100.00%	NA	NA
<b>Carbonyls</b>						
Benzaldehyde	0.00%	0.148	0.122	0.00%	1.558	0.554
Butyraldehyde	0.00%	0.165	0.112	0.00%	0.192	0.119
2,5-Dimethylbenzaldehyde	100.00%	NA	NA	100.00%	NA	NA
Hexaldehyde	0.00%	0.0492	0.043	0.00%	0.127	0.077
Isovaleraldehyde	100.00%	NA	NA	100.00%	NA	NA
Tolualdehydes	0.00%	0.108	0.104	20.00%	0.555	0.181
Valeraldehyde	0.00%	0.0705	0.059	5.00%	0.0916	0.044

NA = Not Applicable



**Table D3.1. 2011 Chemicals with No Toxicity Values at the Parachute and Rifle Sites in the Urban Oil & Gas Development Area**

Compound	PARACHUTE			RIFLE		
	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$	% Samples ND	Max. Conc. $\mu\text{g}/\text{m}^3$	EPC $\mu\text{g}/\text{m}^3$
Acetylene	0.00%	1.869	0.838	0.00%	3.221	1.877
n-Butane	12.00%	44.39	14.940	17.65%	40.41	15.610
cis-2-Butene	12.00%	0.585	0.135	7.84%	0.677	0.326
trans-2-Butene	6.00%	0.832	0.240	5.88%	0.815	0.391
Ethane	0.00%	227.5	78.760	0.00%	169.1	62.250
Ethylene	0.00%	3.695	1.762	0.00%	5.1	2.671
Isobutane	0.00%	44.22	15.630	0.00%	43.62	15.470
Isobutene/1-Butene	74.00%	1.882	0.790	54.90%	7.343	1.379
Propane	0.00%	123.8	44.470	0.00%	108.2	38.980
Propyne	98.00%	0.0655	0.0655	94.12%	0.119	0.076
<b>Carbonyls</b>						
Benzaldehyde	0.00%	0.221	0.121	0.00%	0.295	0.180
Butyraldehyde	0.00%	0.215	0.137	0.00%	0.531	0.224
2,5-Dimethylbenzaldehyde	100.00%	NA	NA	100.00%	NA	NA
Hexaldehyde	0.00%	0.352	0.118	0.00%	0.991	0.564
Isovaleraldehyde	100.00%	NA	NA	100.00%	NA	NA
Tolualdehydes	4.76%	0.55	0.245	11.76%	0.663	0.378
Valeraldehyde	0.00%	0.141	0.058	0.00%	0.328	0.115

NA = Not Applicable

**Table D4. 2011 Summary EPCs at all monitoring sites.**

Compound	EPC ( $\mu\text{g}/\text{m}^3$ )			
	BELL	BATTLEMENT MESA	PARCHUTE	RIFLE
Acetaldehyde	0.715	0.884	1.037	1.603
Acetone	3.034	4.796	3.315	3.207
Benzene	0.978	1.855	1.644	1.426
1,3-Butadiene	0.074	0.097	0.131	0.235
Crotonaldehyde	0.063	0.157	0.162	0.189
Cyclohexane	2.339	2.460	2.646	2.192
Ethylbenzene	0.174	0.600	0.367	0.384
Formaldehyde	1.105	1.690	1.835	2.102
n-Hexane	4.110	4.154	4.087	5.522
Isopropylbenzene	0.083	0.098	0.090	0.091
Methylcyclohexane	4.262	4.990	5.506	3.952
Nonane	0.376	0.843	1.196	0.502
Pentane	9.280	8.500	9.310	7.956
Propionaldehyde	0.098	0.122	0.111	0.179
Propylene	0.411	0.456	0.612	1.027
Propylbenzene	0.091	0.220	0.114	0.129
Styrene	0.244	0.147	0.248	0.135
Toluene	1.816	3.656	14.740	15.970
1,2,3-Trimethylbenzene	0.101	0.219	0.140	0.136
1,2,4-Trimethylbenzene	0.245	0.723	0.902	0.464
1,3,5-Trimethylbenzene	0.132	0.287	0.282	0.227
m-Xylene/p-Xylene	0.645	1.611	1.491	1.363
o-Xylene	0.207	0.770	0.473	0.485
Aliphatic hydrocarbons C5-C8	34.69	38.41	37.72	36.20
Aliphatic hydrocarbons C9-C18	1.923	5.042	2.714	2.446
Aromatic hydrocarbons C9-C16	0.761	1.672	0.988	1.116

**Table D5. 2011 Estimated Potential Lifetime Cancer Risks and Noncancer Hazards (HQ) at the various rural and urban monitoring sites.**

Compound	BELL		BATTLEMENT MESA		PARACHUTE		RIFLE	
	Cancer Risk	HQ	Cancer Risk	HQ	Cancer Risk	HQ	Cancer Risk	HQ
Acetaldehyde	1.57E-06	0.08	1.94E-06	0.10	2.28E-06	0.12	3.53E-06	0.18
Acetone	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Benzene	7.63E-06	0.03	1.45E-05	0.06	1.28E-05	0.05	1.11E-05	0.05
1,3-Butadiene	2.22E-06	0.04	2.91E-06	0.05	3.93E-06	0.07	7.05E-06	0.12
Crotonaldehyde	3.42E-05	NA	8.53E-05	NA	8.80E-05	NA	1.03E-04	NA
Cyclohexane	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Ethylbenzene	4.35E-07	0.00	1.50E-06	0.00	9.18E-07	0.00	9.60E-07	0.00
Formaldehyde	1.44E-05	0.11	2.20E-05	0.17	2.39E-05	0.19	2.73E-05	0.21
n-Hexane	NC	0.01	NC	0.01	NC	0.01	NC	0.01
Isopropylbenzene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Methylcyclohexane	NC	0.00	NC	0.00	NC	0.00	NC	0.00
n-Nonane	NC	0.00	NC	0.00	NC	0.01	NC	0.00
Pentane	NC	0.01	NC	0.01	NC	0.01	NC	0.01
Propionaldehyde	NC	0.01	NC	0.02	NC	0.01	NC	0.02
Propylene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
n-propylbenzene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Styrene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
Toluene	NC	0.00	NC	0.00	NC	0.00	NC	0.00
1,2,3-Trimethylbenzene	NC	0.02	NC	0.04	NC	0.03	NC	0.03
1,2,4-Trimethylbenzene	NC	0.04	NC	0.10	NC	0.13	NC	0.07
1,3,5-Trimethylbenzene	NC	0.01	NC	0.01	NC	0.01	NC	0.01
m-Xylene/p-Xylene	NC	0.01	NC	0.02	NC	0.01	NC	0.01
o-Xylene	NC	0.00	NC	0.01	NC	0.00	NC	0.00
Aliphatic hydrocarbons C5-C8	6.59E-06	0.06	7.30E-06	0.06	7.15E-06	0.06	6.96E-06	0.06
Aliphatic hydrocarbons C9-C18	8.65E-06	0.02	2.27E-05	0.05	1.22E-05	0.03	1.10E-05	0.02
Aromatic hydrocarbons C9-C16	NC	0.01	NC	0.02	NC	0.01	NC	0.01
<b>Cumulative Risk</b>	<b>7.57E-05</b>	<b>0.45</b>	<b>1.58E-04</b>	<b>0.74</b>	<b>1.51E-04</b>	<b>0.75</b>	<b>1.70E-04</b>	<b>0.82</b>

NC = Non-Carcinogen; NA = Not Available