

Summary Report
 Oct. '97 FTIR
 North Fenceline

Results of SEA's analysis
 of infrared spectral data
 provided by Tosco SFR

Target Compound	# hits	max conc	avg. conc.	avg. limit	min. limit	max limit	# false pos	max false	# spectra
MTBE	187	0.201	0.051	0.032	0.016	0.407	0		8,504
MTBE (Tosco's #s)	70	0.218	0.076	0.071	0.037	0.736	0		8,589
propane	34	1.98	0.7	0.128	0.029	0.419	0		337*
propane (Tosco's)	0			0.283	0.033	2.401	0		8,589
ammomia	14	0.05	0.016	0.055	0.003	0.167	0		337*
ammonia (Tosco's)	155	0.026	0.013	0.018	0.01	0.186	0		8,589
n-heptane	152	0.178	0.056	0.034	0.013	0.163	0		337*
propylene	0			0.138	0.011	1.503	74	0.063	8,504
isobutylene	0			0.072	0.014	1.11	0		8,504
ethylene	0			0.043	0.007	0.716	0		8,504
phenol	0			0.271	0.044	8.86	0		8,504
carbonyl sulfide	0			0.021	0.002	0.264	0		8,504
carbon disulfide	0			0.569	0.077	3.932	0		8,504
2-methyl pentane	0			0.113	0.026	1.705	0		8,504
3methyl-1-butene	0			0.5	0.073	3.854	0		8,504
m-xylene	0			0.306	0.041	2.678	12	0.224	8504

* some files re-analyzed after problems with "script" were noted. These 337 files include all known hits of these compounds.

**more ammonia hits likely show up . . . if the full data set had been re-analyzed with the new script.