

APPENDIX B RAW DATA ASSOCIATED WITH JULY 7, 8 AND 19, 2010 SAMPLES

Sample Name	Section	Formaldehyde		Acetaldehyde		Acrolein		Acetone	
		mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
		July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis
Limit of Detection (mg/m3)		0.000329		0.000457		0.000544		0.000569	
20100707A	07 A Front	0.00109	0.00137	0.00052	0.00061	Below LOD	Below LOD	Below LOD	Below LOD
	07 A Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100707B	07 B Front	0.00109	0.00218	0.00052	0.00055	Below LOD	Below LOD	Below LOD	Below LOD
	07 B Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Lab Blank	07 Lab Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 Lab Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Trip Blank	07 Trip Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 Trip Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708A	08 A Front	0.00123	0.00154	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 A Back	0.00039*	0.00042*	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708B	08 B Front	0.00121	0.00145	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 B Back	0.00039*	0.00039*	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708C	08 C Front	0.00217	0.00247	0.00076	0.00085	Below LOD	Below LOD	Below LOD	Below LOD
	08 C Back	0.00041	0.00050	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708D	08 D Front	0.00204	0.00245	0.00066	0.00070	Below LOD	Below LOD	Below LOD	Below LOD
	08 D Back	0.00041	0.00043	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Lab Blank	08 Lab Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 Lab Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Trip Blank	08 Trip Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 Trip Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100719A	19 A Front		0.00142		0.00075		Below LOD		Below LOD
	19 A Back		Below LOD		Below LOD		Below LOD		Below LOD
20100719B	19 B Front		0.00150		0.00070		Below LOD		Below LOD
	19 B Back		Below LOD		Below LOD		Below LOD		Below LOD
20100719C	19 C Front		0.00126		0.00275		Below LOD		Below LOD
	19 C Back		Below LOD		0.00046		Below LOD		Below LOD
20100719D	19 D Front		0.00115		0.00297		Below LOD		Below LOD
	19 D Back		Below LOD		0.00055		Below LOD		Below LOD
Lab Blank	19 Lab Blank Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 Lab Blank Back		Below LOD		Below LOD		Below LOD		Below LOD
Trip Blank	19 Field Blank Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 Field Blank Back		Below LOD		Below LOD		Below LOD		Below LOD

Sample Name	Section	Propionaldehyde		Crotonaldehyde		Butyraldehyde		Benzaldehyde	
		mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
		July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis
Limit of Detection (mg/m3)		0.000573		0.000658		0.000672		0.000868	
20100707A	07 A Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 A Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100707B	07 B Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 B Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Lab Blank	07 Lab Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 Lab Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Trip Blank	07 Trip Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 Trip Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708A	08 A Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 A Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708B	08 B Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 B Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708C	08 C Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 C Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708D	08 D Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 D Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Lab Blank	08 Lab Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 Lab Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Trip Blank	08 Trip Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 Trip Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100719A	19 A Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 A Back		Below LOD		Below LOD		Below LOD		Below LOD
20100719B	19 B Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 B Back		Below LOD		Below LOD		Below LOD		Below LOD
20100719C	19 C Front		0.00092		Below LOD		Below LOD		Below LOD
	19 C Back		0.00058*		Below LOD		Below LOD		Below LOD
20100719D	19 D Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 D Back		0.00094 *		Below LOD		Below LOD		Below LOD
Lab Blank	19 Lab Blank Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 Lab Blank Back		Below LOD		Below LOD		Below LOD		Below LOD
Trip Blank	19 Field Blank Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 Field Blank Back		Below LOD		Below LOD		Below LOD		Below LOD

Sample Name	Section	Isovaleraldehyde & Valeraldehyde		o-Tolualdehyde		m/p-Tolualdehyde		Hexaldehyde	
		mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
		July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis	July 13 analysis	July 28 analysis
Limit of Detection (mg/m3)		0.000759		0.000941		0.001893		0.000838	
20100707A	07 A Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 A Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100707B	07 B Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 B Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Lab Blank	07 Lab Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 Lab Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Trip Blank	07 Trip Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	07 Trip Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708A	08 A Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 A Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708B	08 B Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 B Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708C	08 C Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 C Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100708D	08 D Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 D Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Lab Blank	08 Lab Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 Lab Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
Trip Blank	08 Trip Blank Front	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
	08 Trip Blank Back	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD	Below LOD
20100719A	19 A Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 A Back		Below LOD		Below LOD		Below LOD		Below LOD
20100719B	19 B Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 B Back		Below LOD		Below LOD		Below LOD		Below LOD
20100719C	19 C Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 C Back		Below LOD		Below LOD		Below LOD		Below LOD
20100719D	19 D Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 D Back		Below LOD		Below LOD		Below LOD		Below LOD
Lab Blank	19 Lab Blank Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 Lab Blank Back		Below LOD		Below LOD		Below LOD		Below LOD
Trip Blank	19 Field Blank Front		Below LOD		Below LOD		Below LOD		Below LOD
	19 Field Blank Back		Below LOD		Below LOD		Below LOD		Below LOD

Sample Name	Section	2,5-Dimethylbenzaldehyde	
		mg/m3	mg/m3
		July 13 analysis	July 28 analysis
Limit of Detection (mg/m3)		0.001002	
20100707A	07 A Front	Below LOD	Below LOD
	07 A Back	Below LOD	Below LOD
20100707B	07 B Front	Below LOD	Below LOD
	07 B Back	Below LOD	Below LOD
Lab Blank	07 Lab Blank Front	Below LOD	Below LOD
	07 Lab Blank Back	Below LOD	Below LOD
Trip Blank	07 Trip Blank Front	Below LOD	Below LOD
	07 Trip Blank Back	Below LOD	Below LOD
20100708A	08 A Front	Below LOD	Below LOD
	08 A Back	Below LOD	Below LOD
20100708B	08 B Front	Below LOD	Below LOD
	08 B Back	Below LOD	Below LOD
20100708C	08 C Front	Below LOD	Below LOD
	08 C Back	Below LOD	Below LOD
20100708D	08 D Front	Below LOD	Below LOD
	08 D Back	Below LOD	Below LOD
Lab Blank	08 Lab Blank Front	Below LOD	Below LOD
	08 Lab Blank Back	Below LOD	Below LOD
Trip Blank	08 Trip Blank Front	Below LOD	Below LOD
	08 Trip Blank Back	Below LOD	Below LOD
20100719A	19 A Front		Below LOD
	19 A Back		Below LOD
20100719B	19 B Front		Below LOD
	19 B Back		Below LOD
20100719C	19 C Front		Below LOD
	19 C Back		Below LOD
20100719D	19 D Front		Below LOD
	19 D Back		Below LOD
Lab Blank	19 Lab Blank Front		Below LOD
	19 Lab Blank Back		Below LOD
Trip Blank	19 Field Blank Front		Below LOD
	19 Field Blank Back		Below LOD

\* Sample rejected as amount on Back portion is higher than 25% of Front Portion of tube

