

Summa Canister Data 7-2 to 7-9

Samp_No	Sample Date	LocationDescription	Analyte	Analytical Positive Results	Health Std Exceedence	Health Std	Latitude	Longitude	Matrix
3533-101	7/2/2007	102 W. 1st St. in back yard. 8-hour suma sample begin at 16:03	Ethanol	21 µg/m ³			37.04365	-95.61569	Air
			Acrolein	6.4 µg/m ³					
			Acetone	99M µg/m ³					
			Vinyl Acetate	21MV µg/m ³					
			2-Butanone (MEK)	19 µg/m ³					
			n-Hexane	7.3 µg/m ³					
			Benzene	7.2 µg/m ³					
			Toluene	39 µg/m ³					
			Ethylbenzene	11 µg/m ³					
			m,p-Xylenes	48 µg/m ³					
			o-Xylene	17 µg/m ³					
			n-Nonane	6.6 µg/m ³					
			4-Ethyltoluene	6.5 µg/m ³					
			1,3,5-Trimethylbenzene	7.0 µg/m ³	7.0 µg/m ³	6.2 µg/m ^{3 2}			
1,2,4-Trimethylbenzene	23 µg/m ³	23 µg/m ³	6.2 µg/m ^{3 2}						
3533-102	7/2/2007	SE corner of Walnut and Wilcox.	n-Hexane	24 µg/m ³			37.04955	-95.61563	Air
			Toluene	15 µg/m ³					
			m,p-Xylenes	16 µg/m ³					
3533-103	7/2/2007	Located just west of railroad tracks near refinery	Dichlorofluoromethane (CFC 12)	2.8 µg/m ³			37.04498	-95.61185	Air
			Ethanol	15 µg/m ³					
			Acetone	35M µg/m ³					
			2-Butanone (MEK)	4.5 µg/m ³					
			n-Hexane	33 µg/m ³					
			Benzene	30 µg/m ³					
			Toluene	120 µg/m ³					
			Ethylbenzene	24 µg/m ³					
			m,p-Xylenes	96 µg/m ³					
			o-Xylene	33 µg/m ³					
			n-Nonane	11 µg/m ³					
			Cumene	1.3 µg/m ³					
			4-Ethyltoluene	8 µg/m ³					
			1,3,5-Trimethylbenzene	8.5 µg/m ³	8.5 µg/m ³	6.2 µg/m ^{3 2}			
			1,2,4-Trimethylbenzene	27 µg/m ³	27 µg/m ³	6.2 µg/m ^{3 2}			
Napthalene	4.5 µg/m ³	4.5 µg/m ³	4.0 µg/m ^{3 3}						

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3533-104	7/3/2007	8th and Ellsworth	Ethanol	93 µg/m ³			37.03598	-95.60673	Air
			Acetone	21M µg/m ³					
			Vinyl Acetate	3.6MV µg/m ³					
			Toluene	3.2 µg/m ³					
			m,p-Xylenes	4.7 µg/m ³					
			n-Nonane	4.5 µg/m ³					
			1,2,4-Trimethylbenzene	3.2 µg/m ³					
3533-105	7/3/2007	N. side of 5th St.	Dichlorofluoromethane (CFC 12)	2.4 µg/m ³			37.03904	-95.60603	Air
			Ethanol	96 µg/m ³					
			Acrolein	1.9 µg/m ³					
			Acetone	35M µg/m ³					
			2-Propanol (Isopropyl Alcohol)	1.8 µg/m ³					
			Vinyl Acetate	7.0MV µg/m ³					
			2-Butanone (MEK)	12 µg/m ³					
			Toluene	2.4 µg/m ³					
			2-Hexanone	5.4 µg/m ³					
			m,p-Xylenes	3.0 µg/m ³					
			n-Nonane	5.1 µg/m ³					
			1,2,4-Trimethylbenzene	3.3 µg/m ³					
			3533-106	7/3/2007	on NE corner of E. 1st and Pine	Dichlorofluoromethane (CFC 12)			
Ethanol	69 µg/m ³								
Acrolein	1.5 µg/m ³								
Acetone	29 µg/m ³								
Vinyl Acetate	3.1MV µg/m ³								
2-Butanone (MEK)	1.6 µg/m ³								
Toluene	1.6 µg/m ³								
m,p-Xylenes	1.6 µg/m ³								
3533-107	7/4/2007	SW corner of E. 1st and Sunflower	Dichlorofluoromethane (CFC 12)	2.3 µg/m ³			37.04294	-95.60222	Air
			Ethanol	68 µg/m ³					
			Acrolein	2.3 µg/m ³					
			Acetone	27M µg/m ³					
			Vinyl Acetate	7.8MV µg/m ³					
			2-Butanone (MEK)	4.7 µg/m ³					
			m,p-Xylenes	1.9 µg/m ³					
			n-Nonane	2.7 µg/m ³					
			1,2,4-Trimethylbenzene	1.8 µg/m ³					

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3533-108	7/4/2007	E. third and Pecan	Ethanol	73 µg/m ³			37.04049	-95.59763	Air
			Acetone	33M µg/m ³					
			Vinyl Acetate	11V µg/m ³					
			2-Butanone (MEK)	5.0 µg/m ³					
			n-Nonane	11 µg/m ³					
			1,2,4-Trimethylbenzene	9.5 µg/m ³	9.5 µg/m ³	6.2 µg/m ^{3 2}			
3533-109	7/4/2007	8th and Northeast	Dichlorofluoromethane (CFC 12)	2.3 µg/m ³			37.03555	-95.60030	Air
			Ethanol	51 µg/m ³					
			Acetone	12 µg/m ³					
			n-Nonane	1.5 µg/m ³					
3533-110	7/5/2007	Pat Walker Residence Hall	Ethanol	25 µg/m ³			37.03429	-95.62448	Air
			Acetone	16M µg/m ³					
			2-Propanol (Isopropyl Alcohol)	3.9 µg/m ³					
			Toluene	3.1 µg/m ³					
			m,p-Xylenes	3.0 µg/m ³					
3533-111	7/5/2007	East of intersection of 8th and Santa Fe on south side of 8th	Dichlorofluoromethane (CFC 12)	2.4 µg/m ³			37.03573	-95.61295	Air
			Ethanol	36 µg/m ³					
			Acetone	17M µg/m ³					
			2-Propanol (Isopropyl Alcohol)	3.4 µg/m ³					
			Vinyl Acetate	4.2MV µg/m ³					
			Toluene	4.2 µg/m ³					
			m,p-Xylenes	3.7 µg/m ³					
3533-112	7/5/2007	4th and Santa Fe SW corner	Dichlorofluoromethane (CFC 12)	2.4 µg/m ³			37.04013	-95.61220	Air
			Ethanol	43 µg/m ³					
			Acrolein	2.4 µg/m ³					
			Acetone	30M µg/m ³					
			2-Propanol (Isopropyl Alcohol)	4.2 µg/m ³					
			Vinyl Acetate	6.6MV µg/m ³					
			2-Butanone (MEK)	5.9 µg/m ³					
			n-Hexane	2.8 µg/m ³					
			Benzene	1.9 µg/m ³					
			Toluene	6.2 µg/m ³					
			2-Hexanone	1.7 µg/m ³					
			m,p-Xylenes	5.2 µg/m ³					
			o-Xylene	1.9 µg/m ³					
			n-Nonane	4.0 µg/m ³					
			1,2,4-Trimethylbenzene	2.5 µg/m ³					

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3536-114	7/6/2007	2nd & Walnut	Dichlorofluoromethane (CFC 12)	4.2 µg/m ³			37.04224	-95.61549	Air
			Ethanol	17 µg/m ³					
			Acrolein	1.6 µg/m ³					
			Acetone	13 µg/m ³					
			Vinyl Acetate	4.9 µg/m ³					
			2-Butanone (MEK)	2.2 µg/m ³					
			n-Hexane	12 µg/m ³					
			Benzene	2.6 µg/m ³					
			Toluene	12 µg/m ³					
			Ethylbenzene	3.6 µg/m ³					
			m,p-Xylenes	12 µg/m ³					
			o-Xylene	4.2 µg/m ³					
			n-Nonane	8.8 µg/m ³					
			1,2,4-Trimethylbenzene	3.8 µg/m ³					
3536-115	7/6/2007	SW Corner of 5th & Lindon	Dichlorofluoromethane (CFC 12)	4.0 µg/m ³			37.03916	-95.60558	Air
			Ethanol	38 µg/m ³					
			Acetone	10 µg/m ³					
			Vinyl Acetate	1.9M µg/m ³					
			2-Butanone (MEK)	1.8 µg/m ³					
3536-116	7/6/2007	walnut St. & 11th St.	Dichlorofluoromethane (CFC 12)	3.4 µg/m ³			37.03309	-95.61543	Air
			Ethanol	20 µg/m ³					
			Acetone	14M µg/m ³					
			Vinyl Acetate	2.8 µg/m ³					
			2-Butanone (MEK)	1.8 µg/m ³					
3536-117	7/7/2007	Calver Baptist Church6th and Cedar	Dichlorofluoromethane (CFC 12)	2.3 µg/m ³			37.03815	-95.60895	Air
			Ethanol	52 µg/m ³					
			Acetone	28 µg/m ³					
			2-Propanol (Isopropyl Alcohol)	2.9 µg/m ³					
			Vinyl Acetate	4.8V µg/m ³					
			2-Butanone (MEK)	2.0 µg/m ³					
			Acetone	24 µg/m ³					
3536-118-FD	7/7/2007	Calver Baptist Church6th and Cedar					37.03815	-95.60895	Air

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3536-119	7/7/2007	Next to utility box north of alley and east of Cedar St. and South of 3rd St.	Dichlorofluoromethane (CFC 12)	2.1 µg/m ³			37.04078	-95.60899	Air
			Ethanol	10 µg/m ³					
			Acetone	17 µg/m ³					
			Vinyl Acetate	3.0V µg/m ³					
			2-Butanone (MEK)	1.8 µg/m ³					
3536-120	7/7/2007	Southwest corner of 3rd and Ash Street - beside light pole	Dichlorofluoromethane (CFC 12)	2.4 µg/m ³			37.04121	-95.60406	Air
			Ethanol	16 µg/m ³					
			Acetone	14 µg/m ³					
			2-Butanone (MEK)	1.9 µg/m ³					
3536-121	7/8/2007	NW corner of 12th and Sunflower	Ethanol	66 µg/m ³			37.03197	-95.60238	Air
			Acetone	24 µg/m ³					
			Vinyl Acetate	9.4V µg/m ³					
			2-Butanone (MEK)	3.3 µg/m ³					
3536-122	7/8/2007	SW corner of 9th and Northeastern beside stop sign	Ethanol	34 µg/m ³			37.03488	-95.60103	Air
			Acetone	44 µg/m ³					
			Vinyl Acetate	19V µg/m ³					
			2-Butanone (MEK)	6.0 µg/m ³					
3536-123	7/8/2007	SW corner of 10th and Howard beside street sign	Dichlorofluoromethane (CFC 12)	2.2 µg/m ³			37.03374	-95.59858	Air
			Ethanol	28 µg/m ³					
			Acetone	14 µg/m ³					
			Vinyl Acetate	2.2V µg/m ³					
			2-Butanone (MEK)	2.0 µg/m ³					
3536-124	7/9/2007	6th and Ash	Ethanol	29 µg/m ³			37.03822	-95.60395	Air
			Vinyl Acetate	6.2V µg/m ³					
3536-125FD	7/9/2007	Field Duplicate	Dichlorofluoromethane (CFC 12)	5.2 µg/m ³			37.03822	-95.60395	Air
			Vinyl Acetate	7.1V µg/m ³					
3536-127	7/9/2007	12th and Sycamore	Dichlorofluoromethane (CFC 12)	4.9 µg/m ³			37.03196	-95.61095	Air
			Ethanol	43 µg/m ³					
			Carbon Disulfide	49 µg/m ³					
3536-128	7/9/2007	4th and Hargis	Dichlorofluoromethane (CFC 12)	2.1 µg/m ³			37.04005	-95.59377	Air
			Ethanol	12 µg/m ³					
			Acetone	13 µg/m ³					
			Vinyl Acetate	2.6V µg/m ³					
			2-Butanone (MEK)	1.9 µg/m ³					

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Notes Health Std

- ¹ Int. EMEG (Environmental Media Exposure Guideline)
- ² EPA R9 PRG (Preliminary Remediation Goal)
- ³ Chronic EMEG

Data Qualifiers

- M Matrix Interference due to coelution with a non-target compound; results may be biased high
- V The continuing calibration verification standard was outside (biased high) the specified limits for this compound