City or Town:	Peabody		Address:	2 5th Street - Lifoam					Location:	
Date Sampled:	7/12/16	Time:	9:00 PM	Field ID:	A-2	Collector:	Fire Services		vent in front building	
Date Analyzed:	7/12/16	Time:	9:36 PM	Lab ID:	009	Analyst:	Fitzgerald			
Method Analytes		Conc. in ppmV		Safe Levels[1] (below concentration for given time period) - ppmV						
		Sample	RL	1 hour	8 hour	5 yrs	30 yrs	Odors	Worker	µg/m³/ppb
Vinyl Chloride		N.D.	0.001	250	70	0.06	0.001	150	1	2.58
Chloroethane		0.095	0.001	50	10	NA	NA	4.2	1000	2.64
Trichloromonofluoromethane		N.D.	0.002	500	100	NA	NA	5	1000	5.6
1,1-Dichloroethene		N.D.	0.001	2.5	0.5	NA	NA	120	NA	3.97
Methylene Chloride		N.D.	0.001	4	0.86	0.86	0.01	78	25	3.48
1,1,2-Trichlorotrifluoroethane		N.D.	0.001	500	100	NA	NA	45	1000	7.65
1,1-Dichloroethane		N.D.	0.001	50	10	1.2	0.12	15	100	4.05
Cis 1,2-Dichloroethylene		N.D.	0.001	140	140	0.088	0.009	8.5	100	3.97
Chloroform		N.D.	0.001	0.03	0.01	0.01	<0.001	43	2	4.87
1,2-Dichloroethane		N.D.	0.001	5	1	0.01	<0.001	0.3	1	4.05
1,1,1-Trichloroethane		N.D.	0.001	230	230	9.5	0.95	6	NA	5.46
Benzene		1.3	0.001	52	9	0.07	0.001	0.8	0.1	3.19
Carbon Tetrachloride		N.D.	0.001	44	19	0.02	<0.001	5	2	6.3
1,2-Dichloropropane		N.D.	0.001	5	1	0.02	<0.001	0.1	75	4.62
Trichloroethylene		N.D.	0.001	130	77	0.15	0.003	130	100	5.36
cis-1,3-Dichloropropene		N.D.	0.001	0.02	0.045	0.008	0.001	0.5	NA	4.54
trans-1,3-Dichloropropene		N.D.	0.001	0.5	0.1	0.008	0.001	0.5	1	4.54
1,1,2-Trichloroethane		N.D.	0.001	5	0.1	0.02	<0.001	NA	10	5.46
Toluene		0.17	0.001	200	200	13.3	1.35	4	100	3.76
1,2-Dibromoethane		N.D.	0.001	17	4.6	NA	NA	10	0.045	7.69
Tetrachloroethylene		N.D.	0.001	35	35	<0.001	<0.001	2.3	100	6.79
Chlorobenzene		N.D.	0.001	10	10	0.043	<0.001	0.11	75	4.62
Ethylbenzene		0.053	0.001	33	33	2.3	0.23	0.23	100	4.34
p/m-Xylene (see note)		0.0069	0.001	5	0.8	0.23	0.023	0.005	100	4.34
Styrene*		3.2	0.003	20	20	0.059	0.01	0.16	50	4.25
o-Xylene*		0.012	0.002	5	0.8	0.23	0.023	0.005	100	4.34
1,1,2,2-Tetrachloroethane*		N.D.	0.001	0.5	0.1	0.01	<0.001	0.76	1	6.87
1,3,5-Trimethylbenzene*		N.D.	0.002	140	45	NA	NA	0.23	25	4.91
1,2,4-Trimethylbenzene*		0.0026	0.002	140	45	NA	NA	0.4	25	4.91
1,3-Dichlorobenzene (meta)*		N.D.	0.003	1	0.33	0.33	0.033	NA	NA	6.01
1,2-Dichlorobenzene (ortho)*		N.D.	0.002	13	0.33	0.33	0.033	25	50	6.01
1,4-Dichlorobenzene (para)*		N.D.	0.003	5	0.1	0.03	0.001	0.09	75	6.01
1,2,4-Trichlorobenzene*		N.D.	0.005	0.27	0.27	0.27	0.027	1.5	5	7.4
HexachloroButadiene*		N.D.	0.002	0.01	0.002	0.001	<0.001	0.56	0.02	10.67

Samples obtained in 0.5-1L bags (e.g., Kynar). Results for analytes with * likely biased low by up to factor of 2+/- due to sorption onto bag.

Instrument: HAPSITE ER GC/MS Method: FAST TO-14 Last Calib: 4/29/16. Reporting Limit (RL) ≤ lowest calib standard

Quality Control: 4-8 point calib w/ %RSD<30, Internal Stds, daily blank, daily calib check standard N.D =Not Detected = Less than RL

Actual concentration of p/m Xylenes could be twice listed value (due to co-elution of congeners duiring calibration operations)

[1]Safe Levels: 1 hr =1 hr EPA AEGL-1 or 1 hr California REL or (DOE TEEL-0)/2; 8 hr = 8 hr EPA AEGL-1 or (California REL1hr)/5, or (DOE TEEL-0)/10; 5 yr and 30 year exposure levels per MassDEP MCP; Worker = lower of OSHA PEL or NIOSH REL for 8 hrs.

Dilution Factor =	2.8	If sample was diluted, the Reporting Limits listed above must be multiplied by this Dilution Factor

Comments: