Library Depot VOC Air Sampling

Library Depot August 21, 2017	**Sample ID**			**EPA RSLs for Industrial Air**		**EPA RSLs for Residential Air**	
Parameter	LD-1 Room 128	LD-2 Room 127	LD-3 New Office	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
2-Butanone (MEK)	8.2	8.4	ND		22,000.00		5,200.00
Acetone	35.7	33.6	28.3		140,000.00		32,000.00
Chloromethane	0.85	ND	ND		390.00		94.00
Dichlorodifluoromethane	ND	ND	2.9		440.00		100.00
Ethylbenzene	2.1	1.9	ND	4.90	4,400.00	**1.10**	1,000.00
m&p-Xylene	5.7	5.6	ND		440.00		100.00
Methylene Chloride	34.2	31.1	55.9	1,200.00	2,600.00	100.00	630.00
n-Hexane	3.2	2.7	2.9		3,100.00		730.00
Tetrachloroethene	ND	ND	1.7	47.00	180.00	11.00	42.00
Toluene	5.1	5.1	5.2		22,000.00		5,200.00
Vinyl acetate	ND	4	3.8		880.00		210.00

All results in ug/m3, ND = not detected, EPA = Environmental Protection Agency, RSLs = Regional Screening Levels