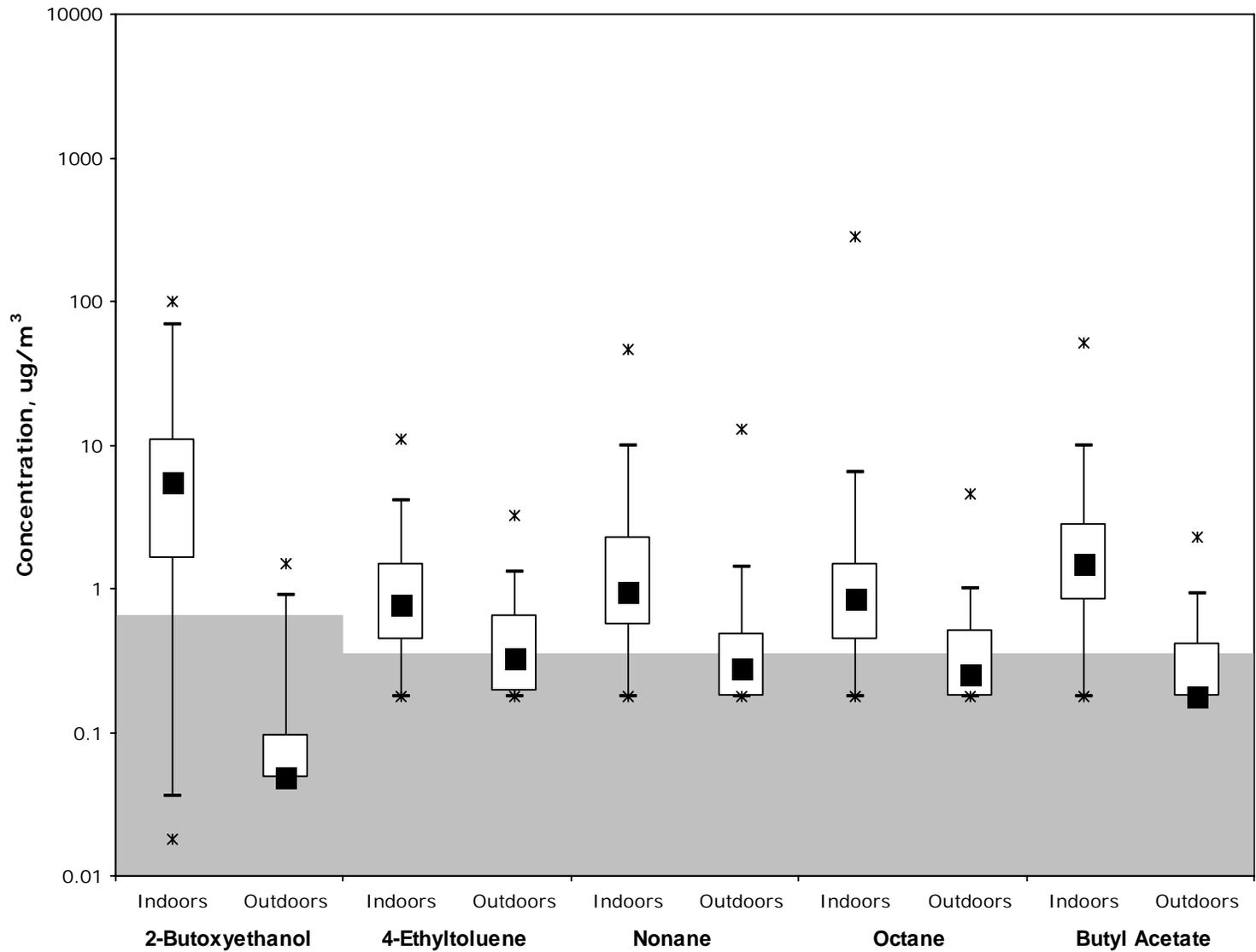


Figure 6: Distribution of BASE VOC Concentrations at All Sampling Sites



Note: The shaded region represents concentrations below the study's median limit of quantitation (LOQ) for the given analyte.

Analyte	CAS#	Number of Sites <sup>6</sup>	Site Frequency Detected (%) <sup>5</sup>	Location	Percentile <sup>4</sup>						Arithmetic Mean <sup>3</sup>
					5th	25th	50th <sup>2</sup>	75th	95th	100th	
2-Butoxyethanol	111-76-2	122	93	Indoors	0.036	1.6	5.5	11	68	100	12
2-Butoxyethanol	111-76-2	40	20	Outdoors	< LOQ	< LOQ	< LOQ	0.10	0.91	1.5	0.42
4-Ethyltoluene	622-96-8	209	93	Indoors	< LOQ	0.44	0.77	1.5	4.1	11	1.3
4-Ethyltoluene	622-96-8	69	72	Outdoors	< LOQ	0.19	0.33	0.66	1.3	3.2	0.53
Nonane	111-84-2	209	93	Indoors	< LOQ	0.55	0.94	2.3	10	46	2.8
Nonane	111-84-2	69	66	Outdoors	< LOQ	< LOQ	0.28	0.49	1.4	13	0.59
Octane	111-65-9	209	93	Indoors	< LOQ	0.44	0.85	1.5	6.4	280	3.3
Octane	111-65-9	68	56	Outdoors	< LOQ	< LOQ	0.25	0.52	1.0	4.6	0.44
Butyl Acetate	123-86-4	209	92	Indoors	< LOQ	0.83	1.5	2.8	10	51	3.1
Butyl Acetate	123-86-4	69	45	Outdoors	< LOQ	< LOQ	< LOQ	0.42	0.93	2.3	0.36

**Notes:**

1. Analytes listed in order of site frequency detected indoors (%).
2. Median - the 50th percentile, the value where half the results are less than this value and half are above this value.
3. Arithmetic Mean - To compute these statistics, all values less than the LOQ were assigned values of 1/2 the median LOQ prior to computation. The limit of quantitation (LOQ) for the given analyte and analytical method varied from sample to sample therefore a single value was used so that the comparison of two results that were both less than the LOQ would have no difference.
4. Percentile - the value which a given percentage of values in a data set are less than or equal to. For example, the 75th percentile of concentrations is the concentration which 75% of the values are less than or equal to.
5. Site Frequency Detected (%) - The percentage of sample sites where the given analyte was detected for the specified sample method. For sites that had a duplicate sample, if one result was less than the LOQ and one was greater than the LOQ, for the purpose of computation, the site was counted as 0.5 detected.
6. Generally, there were three sampling sites indoors, and one sampling outdoors site for each building.