**Supplemental Figures**



**Supplemental Figure 1. Wet/ dry ratios of WTCPM exposed mouse septums.** Reported values are averages of individually measured samples ±SEM with n=3. NO significant differences were found between control and exposure groups**.**

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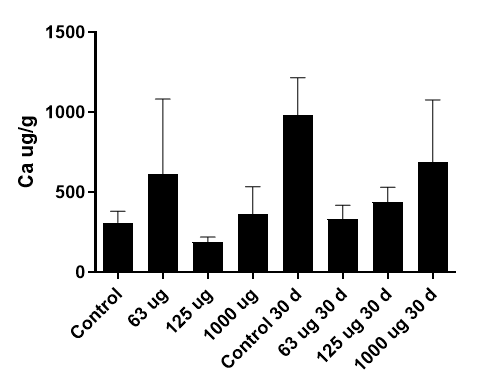
**Supplemental Figure 2. ICP-MS insoluble elemental trace analysis evaluation in WTCPM exposed septums.** Reported values are averages of individually measured samples ±SEM with n=3. Asterisks (\*) indicate a statistically significant difference from control vehicle values (p<0.05).

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**Supplemental Figure 3.** **ICP-MS soluble elemental trace analysis evaluation in WTCPM exposed septums.** Reported values are averages of individually measured samples ±SEM with n=3. Asterisks (\*) indicate a statistically significant difference from control vehicle values (p<0.05).





**Supplemental Figure 4. ICP-MS insoluble and soluble elemental trace analysis evaluation in WTCPM exposed whole brain tissues.** Reported values are single-dose exposuresmeasured 24 hours post-exposure with the exception of Ca measure 24 hours and 30 days post-exposure. Reported values are averages of individually measured samples ±SEM with n=3. Asterisks (\*) indicate a statistically significant difference from control vehicle values (p<0.05). Below limit of detection is indicated by <LOD.



**Supplemental Figure 5. Temporal Asph1 mRNA changes in repeat-dose WTCPM exposed mouse olfactory bulbs.** Reported values are averages of individually calculated ΔΔCT values ±SEM; n=3. Asterisks (\*) indicates a statistically significant difference from corresponding control values (p<0.05).