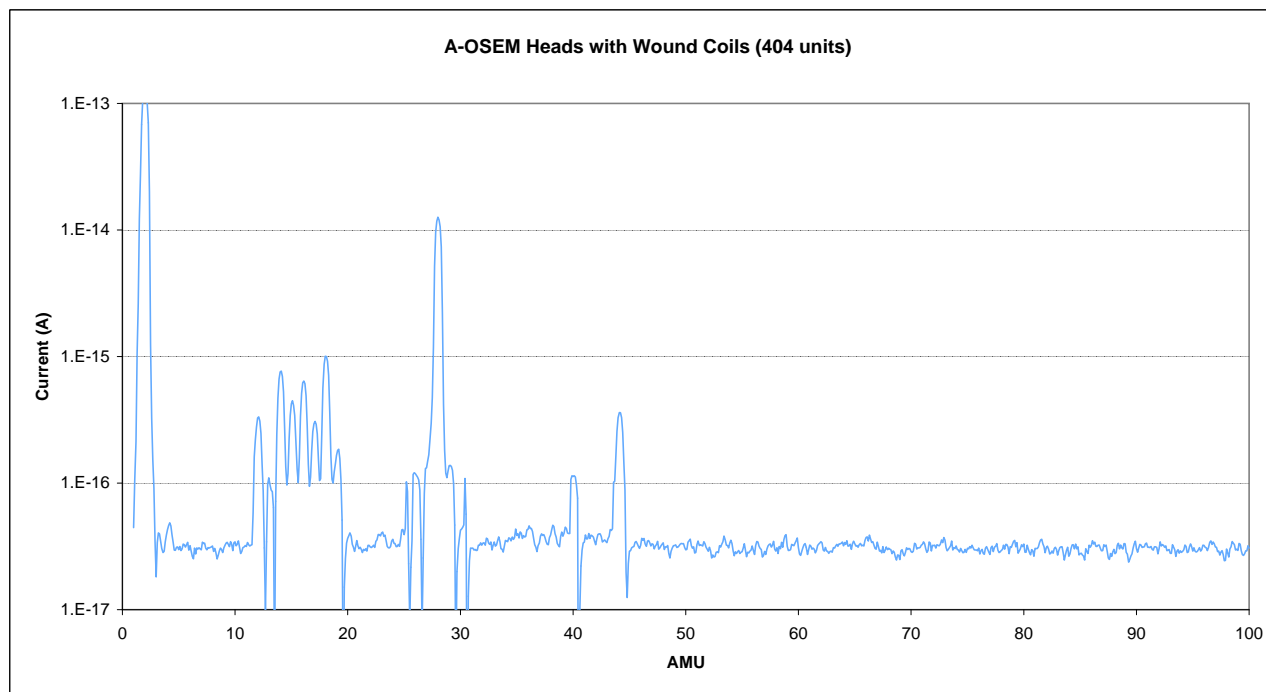


**A-OSEM Head with Wound Coil (404 units)**

Species	AMU	Outgassing Rate (Torr-L/s per AOSEM body)
H	2	3.7E-12
He	4	1.3E-15
C+	12	9.6E-15
N+, N2+	14	2.2E-14
water (O+)	16	1.8E-14
water (HO+)	17	8.6E-15
water (H2O+)	18	3.0E-14
CO2++	22	9.2E-16
N2	28	3.7E-13
O2	32	9.8E-16
Ar	40	3.3E-15
hydrocarbon	41	1.0E-15
hydrocarbon	43	1.0E-15
CO2	44	9.7E-15
hydrocarbon	53	9.4E-16
hydrocarbon	55	8.4E-16
hydrocarbon	57	8.5E-16
Sum HC		4.6E-15



	AMU	Outgassing Rate (Torr-L/s) per AOSEM Wound Head 404 units
hydrogen (H2)	2	3.7E-12
water (H2O) at 1000 hr	max of 16, 17, 18	3.0E-14
air (N2)	28	3.7E-13
CO2	44	9.7E-15
hydrocarbons	sum of 41, 43, 53, 55, 57	4.6E-15