Mass to Moles Drill

Name:

5.6 g $CaCO_3$	**answers ↓**
115 g NaOH	0.056 mol Calcium Carbonate
0.65 g H_2O	2.88 moles Sodium Hydroxide
83.7 g $CuCl_2$	0.036 mol Water
0.249 g CO_2	0.623 mol Copper (II) Chloride
862 mg NH_3	0.00566 mol Carbon Dioxide
2.5 kg CH_4	0.0506 mol Ammonia
0.4697 g AgCl	160 moles Methane
98.8 g Li_2CO_3	3.277 mmoles Silver Chloride
77.991 g H_2SO_4	1.34 moles Lithium Carbonate
1.15 g HCl	0.79519 mol Hydrogen Sulfate *
3.48 g Br_2	0.0315 mol Hydrogen Chloride
400.0 mg Magnesium Phosphate	0.0218 mol Bromine
250.0 g Sodium Sulfite	1.522 mmoles $Mg_3(PO_4)_2$
52.7 g Hydrogen Cyanide	1.983 moles Na_2SO_3
0.824 g Cobalt (II) Nitrate	1.95 moles HCN
2.7 g Iodine	0.00450 mol $Co(NO_3)_2$
25 kg Ammonium Nitrate	0.011 mol I_2
0.561 g Lead (II) Sulfide	310 moles NH_4NO_3
2.8 g Dinitrogen Oxide	0.00234 mol PbS
250. kg Sulfur Dioxide	0.064 mol N_2O
0.0057 mg Mercury (I) Chloride	3.90 kmoles SO_2
95.7 g Copper (II) Acetate	1.2 X 10^{-8} mol Hg_2Cl_2
10.925 g Tin (IV) Oxide	0.527 mol $Cu(C_2H_3O_2)_2$
984 kg Coke (Carbon)	0.072490 mol SnO_2*
	81900 moles C

*molar mass must be calculated with five significant figures