Problema 2

Tuesday, September 6, 2022

a) Pb13) + Pb02(8) - Pb504(ac) REDUCCION 4H+ Le + PbO2(s) - Pb+2+2H,0 Oxidación) Pb(s) - Pb+2 + 2e-4H++Pb /2(s)+Pb(s) -> 2 Pb+2+2H20 EC. GLOBAR IONICA 2H2504(ac) +Pb02(s)+Pb(s) -> 2 Pb504(ac) + 2H20 EC GLOBAL MOLECUAR

a)
$$2 H_2 50 q$$
 (ac) $+ Pb0_2(s) + Pb(s) \rightarrow 2 Pb50 q$ (ac) $+ 2 H_2 0_{(e)}$
 $1 L_{90\%P/p}$
 $6 = 1,69/ml$

* Pare tools a mols:

. Pb02: 1 kg - 4,18 mol PbO2

· Pb:

Pb:

1kg pm=2079/ml

Pb:
Pb02: H2504

Relación estiguiométrica: 1: 1: 2

Relation extiguismetrics: 1: 1: 2

Moles presentes:
$$4_{1}18$$
 $4_{1}63$ $14_{1}7$

limitante

Excus: Pbs; \rightarrow gosto $9_{1}18$ moles (equal queel Pb)

solvan = $4_{1}83$ $4_{1}8 = 0_{1}65$ moles Pbs;

 $18_{2}804 \rightarrow 9_{2}686$ $18_{2}86$ moles (eldoble que el Pb)

solvan = $19_{1}7$ $19_{1}76 = 19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ $19_{2}6$ 19_{2}

3) 5i el order de entorce es 1,5 para los 4 entorces => 2 entorces dobles y 2 entores simples 5) Si et orden on envoice es 1,2 produces renners => 2 enforces dobles y 2 enforces simples