LAB PARTNER GHAMING LI LOCKER/DESK NO.

1 ENNA STAGANA PETENTIAL VALUE

COURSE & SECTION NO.

Because the concentration of cultical) is very small, we rounded this value to 2.5 × 10-6 M.

(6) Dilution of cult to 2. S x 10-6 M from an original equipage round that concentration of 0.05 M proceeds as follows. a) solve for V2, if TOO.SML of 0.05 M cultary must be diluted rosy 10-4 M.

CIVI = CZ VZ (0.05 M) (0.5 mL) = (5x10-4M)(VZ) V2 = 50 m L.

b) Next the sv10-4M (421 (ag) solution must be diluted further to sx 10-4 M. Using O.Sml of this solution, the amount of water needed was calculated CARAUTATIONS (Excor) as follows .

LIVI = CZVZ VZ= SOML.

c) Now the Sx10-6M solution must be diluted to the final concentration of ZSx10-6 N. Using ZomL of the solution, the amount of waterkassasd was calculated PART TWO: asopanions; Eall value from this TA and compare this value

(2 x 10-6 M) (50 WF)= t5 3 x 10-6 M) (NS) SVZ = 6 Hamber parential that is the closest higher value Thu suit waif meall considers Egylion IN a STATO PARTO OF THE STATIONA HOLDER Trines the electrochemical Spluttout in a clean beaker. B'clean culstand 249159 with lomery y paperisanid insent antogreas prectiven solutroinisamed Questin ndc + Tolich smakal inglis tsold fold for that von 4 mb revio FOR IMPOSERY GOIDAISSIMPLE BOTTANISE rise ordan said grown hal as ottomaker. 9e97 Brag 18 mv - (0,0592/2)109 9 E 41 SV [2 AZTrad b. OSWI] [CUTI 142 SK 104 M) (CUIS) PART HNETSZ (5×10-44) (0.5ml) = (5×10-64) (VZ) = (EROR = Therubt - Theoretical) x100 S. since the highest value of 21121 15 = 10.6 211. - alis 110 39 × 1007. = 12 n2 1/1(42)1108V16 for the constantion of Q. = -7.SZ '/. 211945.9661 = 0.05M Equipment = (act the !- theoretically 100%

SIGNATURE

DATE

WITNESS/TA

theory 1 cal