"Fikani clopé'ce, biousicle station outering"

"Filip clouma Bravurne i atomem. F, Cl, Bir, F, AZ (radioant radeny) hiedforedee Merselejer July Rat : ferral . Jako Nov. EKA-300)

Jelenos Leike . Minida SVBLIHACE . Min. At a. VIII moreokulu X2. moreune substitute mak ot.c. VIII molekuly X2.

Ms2, Mp5 min. ot.c. -I cl2-kafolny-stude

TT [LTITLI] 2 elektioneg, 2 reakteinta, 2 okidai. Dl. $A \supset 2: \supset m, k, O, tt, tv$ veeka' elektroneg. => X + ē -> X = Rologenictory'anein relmi reaktime' = reshet ve slolie: KCl - sylvin ve volnem stoon \(\frac{1}{2}, \text{Fz} \nu sofer feren \) Ca \(\frac{1}{2} - \text{fluorit-kaseivec}\) ladwaht. vodaca \(\cdot\) Na3 al \(\frac{1}{6} - \text{kryolit}\) piépeara: elektroljear fologeneider Dridace. mejí >> ot. olashroti (největsé ma' fluor), dole s>2 klesají. Proto: fologen s < 7 stedeye a halogeneider halogen s>Z. Cl₂ + 2KBh - ot. Bh₂ + 2 KCf (obrakené nelze) $2 \text{ NaI} + \frac{Bh_2}{Z^2} \rightarrow 2 \text{ NaBr} + I_2 \text{ (ano)}$ 2 NaBr + I2 -> 2 NaI + Brz (ne) redot- nomice: 2 KMn04 + 16 HCl -> 5Cl2 + 2 MnCl2 + 2KCl + 8 /20 Refermangan - halory 3LOUCENINY + S. Rl. paskeep. - dalsi fapir! cheroform etices, CCe4, DDT, PVC, freory Fz: free Sefloney

HALOGENOVODIKY HX pronikeve fockrouce jed. flyng, leftøjise, bestave, O - jednoglne kpeleny lalogenovodíkove, silne x HF,

HF fam vodék musíky = 7 b. v. h. (Hel = k. solna) slorka (D)

Rap. jed:!! lepta: SiO, +++F - SiF4 1 + 2H2O)

Daluder. slav. Hel

Daluder. slav. Hel priprova: a) prima syntesa a proku / Hz + Brz > 2HBr. eto/ b) furobenem silne k. na halogenedy: Nace + 42804 - Her + NaHSO4 Slouceming: (1) HALOGENIDY X. a) iontone: Nace, Kel b) boralentne': Cd Clz, Cu Clz e) molekulove! Pblly, Tilly (2) KYSLIKATE SLOVE. (S) se fologeny slucují ne primo) (F)! 0 + 72 = fluorid kapliker! plyn neskoly'r jed.: HClO (smes Call 2 + Ca (ClO) 2 = "chlorove' vajno" (desinfekse)

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HClo (smes Call 2 + Ca (Clo) (ce): HClO nestala Hel 03 (Cl03 - yburning) knotecendra

Hel 04 - nejsilnejsi - ma' > focet 0 =) nejvysní folacile vachy KCROY + HZSOY. -> KHSQ + HCROY 4 KClO3 350°C, Kel + 3 KClO4 (dispropossionace)

Cl2 + 2NaOH—) Nace + NaceO + H2O (-11-)

HBrO, HBrO3 poli-belece weinky, ot einicles (1) HIOZ H5 IOG - fevna'l., højsytna' Bas (106)2 Na2 H3 IOG form: LEWISOUY KYSELINY (pr. alla, Fells, 2ndz, Fe.Bhz. org. syntead R. = lakky s elektion. dépoitem pie

OXIDY HALOGENÜ - nestabilni, netay az explorime rorklad piha ot cinidla. organ slove. MgO + 2cl2 - Cl2O + HgCl2 BOT, beflow. BV20 - se inhloda us pie -50°C floory / E & - Etw I 205 Gla fema l. SLOVEENING INTERNALOGENOUE, ClF - flyn blest. ClF3 fl. blede seleny. BrF - ffn celvenolnedy', IF5 best. kap. Shelique skloving. F- prevence sub. kare mikioling. pevek.

Cl - fale

Iz- M Brcl. 4 Hzo vans. fevral. Ill - subin. fevna'l. Ill3 - sluta' -11-Iz- Afroin (R. Stelne El.) Apr. roonice: 2 KMn04+16Hel > 5Cl2+2Kel +2Hnll2+8H20 , i per inerdne almost - (Al - Al) VZACNE PLYNY (inertne'=netecné'), p Me, Ne, Ar, Kr, Ye, RN "Reaky neveron arock Menter Kenie haver"

Ms, Mp 6 [TI], [TITITI] "Helena nese avanoly Kieli Yenoniu rasno" bestarve, fedroatomove flyny, /2 bt, bv (te ft=-269 cc)
bestarve, fedroatomove flyny, /2 kt, bv (te ft=-269 cc)
besaseny v 2 ve vrduckev, rejvece At /2 x pwku = (bv = -242°C)
valval: frakeni diobilace skafaeneneko vrducku .

-273,15 - Eflerene overflovación trubic (n neonky"). 2p. ionexace /)

ffner. R12 - vrnika respecten Ra, kt. je součást fornen (shovelnecter) He - Jeskono 1894, Objeveno v elvomo fere slunce (v.) (jaderra' fuxe) ~ 0,5 ml /100 l voducku. 2. nytekci prock (for Hz) " newy burning for - balonky az isductolode. az 1962 priprovey slove: Xefy, XeF6, RnF2, XeO3. Middan () v el Nyboji He: Suto, Ne-cerv, Ar-ceiv, Kr-seceni, Xe-fiac, Ru-lila Slowe. He + Hg = In Relidy; slow. Ne-O.