Sampling Order for Trace Gas Vials, Tanguro Soil Pits C2 K4 MU M8 0.9 0.8 -0.7 -0.6 -0.5 sampleorder N2Opp 0.9 -→ A (Vial 1) → B (Vial 2) → C (Vial 3) 0.8 -0.7 -0.6 0.5 0.4 100 200 300 400 0 100 200 300 400 0 100 200 300 400 0 100 200 300 400 sample depth (cm) MU C2 K4 M8 20000 -15000 -10000 sampleorder COSbb 5000 - 20000 -→ A (Vial 1) → B (Vial 2) - C (Vial 3) 15000 -10000 5000 100 200 300 400 0 100 200 300 400 0 100 200 300 400 0 100 200 300 400 sample depth (cm) K4 C2 M8 MU 0.9 -0.7 -0.5 sampleorder CH4ppm 6.0 → A (Vial 1) → B (Vial 2) → C (Vial 3) 0.9 -0.7 0.5 0.3 -100 200 300 400 0 100 200 300 400 0 100 200 300 400 0 100 200 300 400 sample depth (cm)