```
qmul_dist_over_qadd  THM

⊢  ∀a,b,c:ℚ. a *q b +q c =q a *q b +q a *q c  by UnivCD
|
1. a : ℚ
2. b : ℚ
3. c : ℚ
⊢  a *q b +q c =q a *q b +q a *q c
| by Unfold ‘eq_rat‘ 0
|    THEN
|    RW (LemmaC Thm* ∀x,y:ℤ. x=₂y ⟺ x = y    {assert_of_eq_int_rw})
|    0
|
⊢  a *q b +q c.num·a *q b +q a *q c.den
   =
   a *q b +q a *q c.num·a *q b +q c.den
  by OnHyps [3;2;1] RatHD THEN Unfolds [‘qadd‘;‘qmul‘] 0
     THEN
     RW (DepthC qnd_evalC) 0
END
```