Locate slots that have hrs that are different from MaxHrs/DaysWorked

Locate slots that have hrs that are different from MaxHrs/DaysWorked

```sql
-- get the initial stats
SELECT
  pcd.PositionControlID,
  pcd.SlotNum,
  jt.JobTitle,
  pcd.Mon,
  (CASE
    WHEN ISNULL(pcd.Mon, 0) > 0 THEN 1
    ELSE 0
  END) AS hit01,
  pcd.Tue,
  (CASE
    WHEN ISNULL(pcd.Tue, 0) > 0 THEN 1
    ELSE 0
  END) AS hit02,
  pcd.Wed,
  (CASE
    WHEN ISNULL(pcd.Wed, 0) > 0 THEN 1
    ELSE 0
  END) AS hit03,
  pcd.Thu,
  (CASE
    WHEN ISNULL(pcd.Thu, 0) > 0 THEN 1
    ELSE 0
  END) AS hit04,
  pcd.Fri,
  (CASE
    WHEN ISNULL(pcd.Fri, 0) > 0 THEN 1
    ELSE 0
  END) AS hit05,
  pcd.Sat,
  (CASE
    WHEN ISNULL(pcd.Sat, 0) > 0 THEN 1
    ELSE 0
  END) AS hit06,
  pcd.Sun,
  (CASE
    WHEN ISNULL(pcd.Sun, 0) > 0 THEN 1
    ELSE 0
  END) AS hit07,
  pcd.MaxHours
  INTO #getDays
FROM tblPositionControlDetails pcd
INNER JOIN tblJobTitles jt
  ON jt.JobTitleID = pcd.pcJobTitleID
```

```sql
WHERE ISNULL(MaxHours, 0) != 0
AND InactiveDate IS NULL


SELECT
  PositionControlID,
  SlotNum,
  JobTitle,
  Mon,
  Tue,
  Wed,
  Thu,
  Fri,
  Sat,
  Sun,
  MaxHours,
  (SUM(hit01 + hit02 + hit03 + hit04 + hit05 + hit06 + hit07)) AS
DaysPerWeek INTO #daysPerWeek
FROM #getDays
GROUP BY SlotNum,
         JobTitle,
         Mon,
         Tue,
         Wed,
         Thu,
         Fri,
         Sat,
         Sun,
         MaxHours,
         PositionControlID

-- get the hrs/day
SELECT
  PositionControlID,
  SlotNum,
  JobTitle,
  Mon,
  Tue,
  Wed,
  Thu,
  Fri,
  Sat,
  Sun,
  MaxHours,
  DaysPerWeek,
  (MaxHours / DaysPerWeek) AS PerDay INTO #perDay
FROM #daysPerWeek
WHERE DaysPerWeek > 0



CREATE TABLE #temphitsperday (
```

```sql
   ID int IDENTITY (1, 1) PRIMARY KEY,
   PositionControlID nvarchar(300),
   SlotNum nvarchar(100),
   JobTitle nvarchar(300),
   Hrs int,
   MaxHours int,
   DaysPerWeek int,
   PerDay int
);

INSERT INTO #temphitsperday (PositionControlID,
SlotNum,
JobTitle,
Hrs,
MaxHours,
DaysPerWeek,
PerDay)
   SELECT
     PositionControlID,
     SlotNum,
     JobTitle,
     Mon AS Hrs,
     MaxHours,
     DaysPerWeek,
     PerDay
   FROM #perDay
   WHERE Mon IS NOT NULL
   UNION ALL
   SELECT
     PositionControlID,
     SlotNum,
     JobTitle,
     Tue AS Hrs,
     MaxHours,
     DaysPerWeek,
     PerDay
   FROM #perDay
   WHERE Tue IS NOT NULL
   UNION ALL
   SELECT
     PositionControlID,
     SlotNum,
     JobTitle,
     Wed AS Hrs,
     MaxHours,
     DaysPerWeek,
     PerDay
   FROM #perDay
   WHERE Wed IS NOT NULL
   UNION ALL
   SELECT
     PositionControlID,
     SlotNum,
```

```sql
      JobTitle,
      Thu AS Hrs,
      MaxHours,
      DaysPerWeek,
      PerDay
    FROM #perDay
    WHERE Thu IS NOT NULL
    UNION ALL
    SELECT
      PositionControlID,
      SlotNum,
      JobTitle,
      Fri AS Hrs,
      MaxHours,
      DaysPerWeek,
      PerDay
    FROM #perDay
    WHERE Fri IS NOT NULL
    UNION ALL
    SELECT
      PositionControlID,
      SlotNum,
      JobTitle,
      Sat AS Hrs,
      MaxHours,
      DaysPerWeek,
      PerDay
    FROM #perDay
    WHERE Sat IS NOT NULL
    UNION ALL
    SELECT
      PositionControlID,
      SlotNum,
      JobTitle,
      Sun AS Hrs,
      MaxHours,
      DaysPerWeek,
      PerDay
    FROM #perDay
    WHERE Sun IS NOT NULL


  SELECT
    PositionControlID,
    SlotNum,
    JobTitle,
    Hrs,
    MaxHours,
    DaysPerWeek,
    PerDay,
    (CASE
      WHEN PerDay != Hrs THEN 1
      ELSE 0
```

```
  END) AS diffHours INTO #getDiffHrs
FROM #temphitsperday
ORDER BY PositionControlID ASC

SELECT DISTINCT
   SlotNum,
   JobTitle,
   Hrs,
   MaxHours,
   DaysPerWeek,
   PerDay
FROM #getDiffHrs
WHERE diffHours = 1
ORDER BY SlotNum ASC




DROP TABLE #getDays
DROP TABLE #daysPerWeek
DROP TABLE #perDay
DROP TABLE #getDiffHrs
```