**Database Working Plate to Robot Working Plate Script**

* The database working plate will be filled out
* We will need a different file for each CAWK barcode
* We need the following columns to go from the database working plate to the robot working plate

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Database variables** | **Database column** | **Robot variable** | **Robot column** | **Notes** |
| Working Plate Barcode (cawk\_plate\_barcode) | N | Filename for new file | N/A |  |
| Plate Coordinate (sub\_plate\_coordinate) | H | Well | B |  |
| Working Plate Coordinate (cawk\_plate\_coordinate) | O | Well | E | Change formatting from A01 to A1 |
| Working Plate Volume Water Added (uL) (cawk\_plate\_vol\_water) | P | Volume | F |  |
| Working Plate Volume Sample Added (uL) (cawk\_plate\_vol\_stock) | Q | Volume | C |  |
| N/A | N/A | Name of Source | A | Leave blank |
| N/A | N/A | Name of Dest Plate | D | Leave blank |