

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer			X	The section count function when creating table legends was updated to display the appropriate totals.	3.0.14	7/8/15
2	NA	Report Writer			X	Re-instated 'Apply Study Template' button on Report Writer – Choose a Study tab. This allows users to apply a different Study Template to the study.	3.0.14	7/8/15
3	NA	Report Writer	X			The user password “lock out for a certain period of time’ function was not working. This bug has been fixed.	3.0.14	7/8/15
4	NA	Report Writer	X			If the Report Writer window is resized, it could not be moved to a different portion of the screen. This bug has been fixed.	3.0.14	7/8/15
5	NA	Report Writer	X			Re-assayed Samples table was showing duplicates. This bug has been fixed.	3.0.14	7/8/15
1	NA	Report Writer			X	Added several ToolTips. More to come.	3.0.12	6/23/15
2	NA	Report Writer	X			When executing a custom report, the DoStudyDoc macro was not executing. This bug has been fixed.	3.0.12	6/23/15
1	NA	Report Writer			X	Added several ToolTips. More to come.	3.0.11	6/22/15
1	NA	Report Writer			X	Added more ToolTips	3.0.10	6/19/15
1	NA	Report Writer			X	Added Tooltips	3.0.9	6/15/15
1	NA	Report Writer			X	Tweaked existing features to be more robust.	3.0.8	5/19/15
First StudyDoc issued as StudyDoc 3.0.4								
1	NA	Report Writer	X			When viewing Word Report Templates, StudyDoc was leaving the document as read-only, causing the report template to be unusable when generating a report. This bug has been fixed.	3.0.4	11/15/14
1	NA	Installer			X	Additional executable files (.Net 4 and Officeviewer) were added to the installer to run on the client if registration issues occur.	3.0.3	11/14/14
1	NA	Report Writer	X			A .Net VB PowerPack OvalShape was not being recognized by the installed client. The OvalShape was replaced with a drawn e.graphic.	3.0.2	11/13/14
1	NA	Report Writer			X	StudyDoc GUI has been optimized to display properly on 4x3 monitors.	3.0.1	11/5/14

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer		X		GuWu has been re-released as StudyDoc.	3.0.0	10/25/14
1	NA	Report Writer			X	Tweaked the performance of the Custom Report Writing feature	2.2.62	3/27/14
1	NA	Report Writer			X	Tweaked the performance of the Custom Report Writing feature	2.2.61	3/4/14
1	NA	Report Writer			X	Tweaked the performance of the Custom Report Writing feature	2.2.60	1/14/14
1	NA	Report Writer	X			The GuWu Installer was not populating the GuWu working directory with necessary files. This bug has been fixed.	2.2.59	12/20/13
1	NA	Report Writer	X			ISR report has been removed. Watson has added ISR features in 7.4.	2.2.58	7/30/13
1	NA	Report Writer			X	Oracle database SQL select statements have been tweaked to provide more efficient performance.	2.2.57	7/12/13
1	NA	Report Writer			X	A Report Writer Administration Global Parameter ‘Go To Word’ was added to allow administrators to have GuWu open a report directly in Word rather than in the GuWu Word Display window.	2.2.56	7/8/13
2	NA	Report Writer			X	The Custom Report feature was tweaked. If the custom report contains the word ‘DoGuWuFast’, GuWu will skip all report generation routines except for the initial Search/Replace. This allows the custom report to be generated more quickly.	2.2.56	7/8/13
1	NA	Report Writer	X			Elements of code were tweaked to address problems accessing Watson Oracle data.	2.2.55	6/30/13
1	NA	Report Writer	X			When creating a new Report Template, GuWu would present a message that a temporary file was read-only. This bug has been fixed.	2.2.54	6/6/13
1	NA	Report Writer			X	Added internal features to all GuWu to open non-traditional GLP studies (e.g. no calibr stds, no QC stds)	2.2.53	2/20/13
1	NA	Report Writer	X			The “Method Trial Incurred Blinded Samples v1” table calculations were tweaked to fit the needs of a customer.	2.2.52	4/18/12

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer			X	When a large number of tables have been added to a study, the performance of the Study Open and Study Save actions can diminish drastically. If the added tables do not require Table-Specific field codes in the Report Template, then performance can be improved by setting the new 'Ignore Table-Specific Field Code generation' setting on the Data Tab – Study Configuration Tab to “True”.	2.2.51	3/26/12
2	NA	Report Writer	X			When selecting the Draft Date or Issue Date cells of the Configured Reports table of the Home Tab, a calendar pop-up control is presented to allow the user to choose a date. The selected date has not been populated in the selected cell. This bug has been fixed.	2.2.51	3/26/12
3	NA	Report Writer	X			The Ad Hoc Stability Comparison table was not correctly displaying the %Difference value. This bug has been fixed.	2.2.51	3/26/12
1	NA	Report Writer	X			GuWu was not properly configuring studies that: <ul style="list-style-type: none"> • Had more than one analyte • Only one analyte had accepted calibration curves This bug has been fixed.	2.2.50	3/20/12
1	NA	Report Writer			X	Users now have the ability to import tables from other studies. Users may click the 'Import Tables' button on the Report Table Configuration Tab and browse to the study and select tables to import.	2.2.48	3/20/12
1	NA	Report Writer	X			The table 'Method Trial Incurred Blinded Samples v1' was not reporting the correct value in a concentration column. This bug has been fixed.	2.2.47	3/13/12
1	NA	Report Writer	X			When applying a Study Template to a newly-configured study, GuWu was incorrectly entering base database table information for GuWu report tables whose record ID was greater than 35. This bug has been fixed.	2.2.46	3/13/12
1	NA	Report Writer			X	Users may now choose to disable any warnings/messages displayed during the generation of an Entire Report.	2.2.45	3/1/12

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer		X		The ISR table format has been finalized for studies originating from Watson 7.3 or earlier. The Incurred Sample Reanalysis table is generated without the need for assigning samples. GuWu will interpret Watson samples as ISR samples according to the following logic: <ol style="list-style-type: none"> 1. The Analytical Run Type is configured as MANDATORY REPEAT 2. The Analytical Run Description has the word 'Incurred' somewhere in the description 	2.2.38	1/6/12
2	NA	Report Writer	X			When adding a Sample Receipt row, GuWu will crash if the current state of the Sample Receipt table is 'Row Selected'. This bug has been fixed.	2.2.38	1/6/12
3	NA	Report Writer	X			If a new Field Code was added in the Administration window, the Field Code was not being created in the individual study. This bug was introduced in GuWu 2.2.36. This bug has been fixed.	2.2.38	1/6/12
1	NA	Report Writer	X			A temporary table generated in memory during Watson study load was causing GuWu to crash if the table had no entries. This bug has been fixed.	2.2.37	10/25/11
1	NA	Report Writer	X			Under some circumstances, the Calibration Standard Table will not generate as expected. This bug has been fixed.	2.2.36	9/28/11
1	NA	Report Writer	X			Under some circumstances, the Regression Table will not generate as expected. This bug has been fixed.	2.2.35	9/21/11
2	NA	Report Writer	X			The Sample Analysis – Sample Concentration table would sometimes not generate as expected. This bug has been fixed.	2.2.35	9/21/11
1	NA	Report Writer				Extended Trial Version to Mar 31, 2012	2.2.34	8/3/11
1	NA	Report Writer			X	Added a Data Tab - Study Config Tab - Item: 'Enter NA for non-entry QC or Calibr Std levels'. Enter TRUE if blank values in table should be entered as NA.	2.2.33	7/11/11
2	NA	Report Writer			X	Additional table-specific field codes have been made available.	2.2.33	7/11/11

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer			X	<p>Added additional Field Codes for the Intra-/Inter-run Precision QC Table: IntraRunMaxAccuracyForAnalyte_1_Table_QCS for all levels IntraRunMaxAccuracyExcludeLLOQForAnalyte_1_Table_QCS for all levels excluding the LLOQ</p> <p>IntraRunMaxAccuracyForAnalyte_1_Table_QCS for all levels IntraRunMaxAccuracyExcludeLLOQForAnalyte_1_Table_QCS for all levels excluding the LLOQ</p> <p>IntraRunMinAccuracyForAnalyte_1_Table_QCS for all levels IntraRunMinAccuracyExcludeLLOQForAnalyte_1_Table_QCS for all levels excluding the LLOQ</p> <p>IntraRunMaxPrecisionForAnalyte_1_Table_QCS for all levels IntraRunMinPrecisionExcludeLLOQForAnalyte_1_Table_QCS for all levels excluding the LLOQ</p>	2.2.31	5/17/11
1	NA	Report Writer			X	Added a Remove button for the Report Writer – Administration – Custom Field Codes tab.	2.2.30	5/12/11
2	NA	Report Writer			X	The [Period Temp] Stock Solution Stability table has been expanded to allow a separate table for Int Std.	2.2.30	5/12/11
3	NA	Report Writer	X			In GuWu 2.2.17, the QA Event table entries were allowed to be ‘text’. When creating the QA Event table in some instances, GuWu attempts to convert a non-date string into text, resulting in GuWu crashing. This bug has been fixed.	2.2.30	5/12/11
4	NA	Report Writer	X			The Field Code [CALIBRSTANDARDLIST] was not returning the expected value. This bug has been fixed.	2.2.30	5/12/11
5	NA	Report Writer	X			The Incurred Sample Reanalysis function released in GuWu 2.2.26 causes GuWu to crash when users attempt to configure a table that has just been replicated. This bug has been fixed.	2.2.30	5/12/11
6	NA	Report Writer	X			GuWu was not completely formatting the finished document with Non-Breaking-Hyphens. This bug has been fixed.	2.2.30	5/12/11
7	NA	Report Writer	X			(n) and Internal Standard Concentration Field Codes were not retrieving the correct values for Ad Hoc Stability Comparison table and Recovery tables. This bug has been fixed.	2.2.30	5/12/11

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
8	NA	Report Writer				%Diff Field Code for the [Period Temp] Stock Solution table was not returning a value. This bug has been fixed.	2.2.30	5/12/11
1	NA	Report Writer		X		The Assigned Samples portion of the Incurred Sample Reanalysis table has been added to GuWu.	2.2.27	5/9/11
2	NA	Report Writer			X	Per customer request, regression constants such as 1/X^2 will be reported in lower case (e.g. 1/x^2)	2.2.27	5/9/11
1	NA	Report Writer		X		A GLP Incurred Sample Reanalysis table (automatic) has been added to GuWu. Please note: Assigning Samples to this table is not yet available, but will be in the future	2.2.26	4/6/11
2	NA	Report Writer	X			If GuWu is opened and the first study .mdb opened is a brand new study, GuWu crashes when the user attempts to configure the study in GuWu (by clicking the big 'Configure Study in GuWu' button). This bug has been fixed.	2.2.26	4/6/11
3	NA	Report Writer	X			The logic for entering table-specific page numbers and date/time stamps introduced in 2.2.24 needed optimization – sometimes the legends would not be generated correctly. This bug has been fixed.	2.2.26	4/6/11
1	NA	Report Writer			X	When an Example Section – Table is generated, users now are able to choose a different Report Template to generate this individual table.	2.2.24	4/6/11
2	NA	Report Writer			X	Users may now add table-specific page numbering at the bottom of table pages. Data Tab – Study Configuration Tab – 'Table-specific page numbering option' TRUE/FALSE	2.2.24	4/6/11
3	NA	Report Writer			X	Users may now add a table-specific date/time at the bottom of each table page. Data Tab – Study Configuration Tab – 'Add a date/time stamp on tables' TRUE/FALSE	2.2.24	4/6/11
4	NA	Report Writer			X	Added two new field codes that return the minimum (value or 'BQL' if BQL) and maximum Unknown Sample Concentration value (for Sample Analysis studies). [UNKNOWNSAMPLEMINCONC] and [UNKNOWNSAMPLEMAXCONC]	2.2.24	4/6/11
1	NA	Report Writer			X	When GuWu is opened, GuWu will delete files older than one day from C:\GubbsInc\GuWu\Temp\. This age has been changed to seven days.	2.2.22	3/30/11

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer	X			The Sample Concentrations table was not reporting the Time value properly. It was only reporting values configured in Watson as ENDFHOUR or STARF HOUR and ignoring ENDFMINUTE, ENDFSECOND, STARFMINUTE, and STARFSECOND. This bug has been fixed.	2.2.20	3/21/11
1	NA	Report Writer		X		Custom Field Code feature has been added. Admins can configure a Custom Field Code in the Report Writer – Administration – Custom Field Code window. Values for the returned Field Code are configured at the study level in the Report Writer – Data Tab – Custom Field Code tab.	2.2.19	3/16/11
2	NA	Report Writer			X	[TOTALANALYTICALRUNS] Field Code has been added. This Field Code will return the total number of non-PSAE runs performed in the study.	2.2.19	3/16/11
3	NA	Report Writer	X			The Sample Concentration table was not reporting BQL flags properly when samples below the LLOQ had been diluted. This bug has been fixed.	2.2.19	3/16/11
	NA	Report Writer			X	The Data and Configuration table on the Data tab has been split into two tables: Study Information table and Study Configuration table.	2.2.17	3/4/11
	NA	Report Writer			X	Users are now able to display Peak Areas, Regression Constants, and R-Squared values as Decimal. In the past, users were limited to Sig Figs.	2.2.17	3/4/11
	NA	Report Writer			X	The QA Event table had required entries that could formatted as a Date. The requirement has been changed to allow any text, which allows users to enter date ranges.	2.2.17	3/4/11
	NA	Report Writer			X	The Molecular Formula feature has been removed. A revamped Molecular Formula feature will be added in a later version.	2.2.17	3/4/11
	NA	Report Writer			X	The field codes that report Run ID have been enhanced to report all Run ID's if more than one is present.	2.2.17	3/4/11
	NA	Report Writer			X	Statistics options have been added to the Regression Constants table	2.2.17	3/4/11
	NA	Report Writer	X			GuWu crashes in this scenario: <ul style="list-style-type: none"> User deselects all Analytes in the Report Table Configuration tab (call it Table A) User opens the Assigned Samples window User selects Table A in the Assigned Samples window GuWu crashes This bug has been fixed.	2.2.17	3/4/11
	NA	Report Writer	X			The %Difference of the GuWu Stock Solution Stability Assessment table was not being calculated correctly. This bug has been fixed.	2.2.17	3/4/11

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
	NA	Report Writer	X			The Word document feature introduced in GuWu 2.2.8 was not performing as expected. This bug has been fixed.	2.2.17	3/4/11
	NA	Report Writer	X			GuWu had been retrieving the field [RUNSAMPLESEQUENCENUMBER] to display the sequence number of a sample within a sequence. The actual field to be used should be [RUNSAMPLEORDERNUMBER]. This bug has been fixed.	2.2.17	3/4/11
	NA	Report Writer	X			If the user configures a SUBMITTEDBY corporate address to include every address line as a 'Report Title Label', the City, State Zip portion of the [RoleSigBlockTitleComp] signature block was not formatted in the expected format. This bug has been fixed.	2.2.17	3/4/11
1	NA	Report Writer	X			When generating a Back Calculate Calibr Std table and the user has chosen to 'Include Watson Labels' in the column headings, the labels sometimes would be reported in reverse order. This bug has been fixed.	2.2.16	2/17/11
2	NA	Report Writer	X			GuWu crashes because it is looking for a misspelled word "Anomolies" in the Company Data table in the Data tab. This bug has been fixed.	2.2.16	2/17/11
1	NA	Report Writer	X			The Carryover report was not creating a legend at the end of the table. This bug has been fixed.	2.2.15	2/15/11
2	NA	Report Writer	X			The 'Ad Hoc Stability Comparison' table was not generating calculated values correctly (e.g. %Diff, % Recovery, etc.). GuWu also was not labeling the table header properly if Peak Areas or Peak Area Ratios were used. GuWu also was not creating an Int Std table if it was chosen. These bugs have been fixed.	2.2.15	2/15/11
3.	NA	Report Writer	X			GuWu was automatically entering a value in the Method Validation table that violated the maximum length limit of that value. This resulted in GuWu crashing when the study was Saved. This bug has been fixed.	2.2.15	2/15/11
4	NA	Report Writer	X			If an Accuracy Column (e.g. %RE or %Diff) is shown in the Method Validation Inter- and Intra-Run QC Table, then GuWu is placing the statistics "n" value in the in the wrong column. This bug has been fixed.	2.2.15	2/52/11
5	NA	Report Writer	X			In the Report Table Configuration tab, if "Show All" is checked, a table that is NOT Included is chosen, then Assign Samples is clicked results in GuWu crashing. This bug has been fixed.	2.2.15	2/15/11

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
6	NA	Report Writer	X			In the Administration Window, if the user attempts to modify a Global Setting whose value is expected to be TRUE or FALSE, GuWu was allowing only a single character to be typed. This bug has been fixed.	2.2.15	2/15/11
1	NA	Report Writer			X	The function for evaluating page breaks in multi-page tables has been optimized.	2.2.14	2/12/11
2	NA	Report Writer	X			Several GuWu text fields have length restrictions. GuWu was not executing text length enforcement policies on all of these text fields. The result was that GuWu would crash when the user entered text that was greater than the length allowed. This bug has been fixed.	2.2.14	2/12/11
3	NA	Report Writer	X			Three new System Suitability tables were added in GuWu 2.2.9. The GuWu updater for that version failed to update all appropriate database tables with appropriate record entries. The result was that, when users attempted to Assign Samples or Replicate tables with one of these tables, GuWu would crash. This bug has been fixed.	2.2.14	2/12/11
4	NA	Report Writer	X			When the user opened the Advanced Table Configuration window, the GuWu was not selecting the appropriate table upon opening based on the selection in the Report Table Configuration table. This was caused by the same problem described in Item 2 above when one of the new System Suitability tables was Included. This bug has been fixed.	2.2.14	2/12/11
5	NA	Report Writer	X			When the user successfully assigned samples to one of the new System Suitability tables, GuWu would not successfully create the table. . This was caused by the same problem described in Item 2 above when one of the new System Suitability tables was Included. This bug has been fixed.	2.2.14	2/12/11
6	NA	Report Writer	X			The Table of Figures page number right-align tab position was being set assuming a 1” page right margin, rather than evaluating the page right margin and setting the tab position. This bug has been fixed.	2.2.14	2/12/11
7	NA	Report Writer	X			GuWu was unnecessarily forcing the Word Style of Normal on the first line of the report. This bug has been fixed.	2.2.14	2/12/11
8	NA	Report Writer	X			The word ‘Anomolies’ is misspelled in the Data Page. It should read “Anomalies”. This bug has been fixed.	2.2.14	2/12/11
1	NA	Report Writer	X			If the Compliance ‘Audit Trail’ option has been set to ‘No’, the user was still prompted with an Electronic Signature window. The user should not be prompted with this setting. This bug has been fixed.	2.2.12	2/5/11

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
2	NA	GuWu Installer	X			The GuWu Installer beginning with GuWu Version 2.2.10 has not been registering the ActiveX 'OfficeViewer' component. Users would only notice this if a fresh install of GuWu 2.2.10 or higher was performed on a new workstation. The results would be that, after GuWu generates a document, GuWu fails to display the report in a GuWu window. This bug in the installer has been fixed.	2.2.12	2/5/11
1	NA	Report Writer	X			After generating a report, the Microsoft® Word display window was displaying some unneeded panels. This bug has been fixed.	2.2.11	2/2/11
1	NA	Report Writer	X			The Word document feature introduced in GuWu 2.2.8 (see Item 1 below) inadvertently canceled out the original Fig/App insert function. The original Fig/App insert function has been re-activated.	2.2.10	1/28/11
2	NA	Report Writer	X			If the Table of Contents/Figures/Tables/Appendices field codes are used in a report template, the font style of the resulting Table is not the font style of the report template normal font. This bug has been fixed.	2.2.10	1/28/11
1	NA	Report Writer		X		Users may now configure Word documents as containers of Figures in the Appendices and Figures window. Users must check the 'W' column checkbox to designate the item as a Word document containing figures.	2.2.8	1/23/11
2	NA	Report Writer			X	The feature that enters legends in Data tables was optimized to more accurately determine positions of Page-Break paragraph formatting.	2.2.8	1/23/11
3	NA	Report Writer			X	When anomalies (e.g. outlier values or Not Reported entries) are reported in a Data table, GuWu formats the outlier in Red Bold font. This is now a GuWu option which can be set in the Data Tab – Data and Configuration Table – 'Format table anomalies with red bold font' entry: enter True or False	2.2.8	1/23/11
4	NA	Report Writer			X	The logic for associating concentration values with Nominal Concentration levels has been optimized to account for different Watson assay levels utilized within a Watson study.	2.2.8	1/23/11
5	NA	Report Writer			X	Users may now define 'Appendix' as 'Attachment' by checking the 'Display Appendices as Attachments' checkbox in the Appendices and Figures window.	2.2.8	1/23/11
6	NA	Report Writer	X			The Sort function of the Sample Concentration table was not sorting correctly by Time. This bug has been fixed.	2.2.8	1/23/11

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
7	NA	Report Writer	X			The Field Code [ANALREFTABLE] inserts tables of Analytical Reference Standard information. This field code was not producing information for the Internal Standard, but has now been fixed.	2.2.8	1/23/11
8	NA	Report Writer	X			The Ad Hoc Stability Comparison table was not calculating Difference values correctly. This bug has been fixed.	2.2.8	1/23/11
1	NA	Report Writer	X			The "Incl.*" column values of the Appendix/Figure Window were not saving properly. This bug has been fixed.	2.2.6	12/15/10
1	NA	Report Writer		X		21 CFR Part 11 Compliance features (Audit Trail and Electronic Signatures) have been added to GuWu.	2.2.0	
2	NA	Report Writer	X			If the Interpolated QC Standard data set has QC Levels whose number of replicates are inconsistent (e.g. QC Low has replicates of 2, while QC High has replicates of 6), then the report table will not be generated properly. This bug has been fixed.	2.2.0	
1	NA	Report Writer		X		The Dixon Outlier Test has been added to the 'Evaluate Outliers' feature.	2.1.19	10/4/10
2	NA	Report Writer		X		<p>The Unique QC Low for Matrix Effects table has been enhanced to include the ability to calculate Lot-level Matrix Effect values and an Overall Matrix Effect value.</p> <p>The Matrix Effect calculations are triggered when the user configures blocks of assigned samples with different Run Identifier values in the Assigned Samples window.</p> <p>The formula for Matrix Effect is:</p> $\frac{(R \text{ in with Matrix})}{(R \text{ without Matrix})}$ <p>where R is either Concentration, Peak Area or Peak Area Ratio, depending on user configuration</p>	2.1.19	10/4/10

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
3	NA	Report Writer			X	<p>If GuWu detects that a set of QC data has a dilution factor ≤ 1, then:</p> <ul style="list-style-type: none"> ▪ The column heading will contain the text ‘Diln’ and include a footnote reference ▪ The table will contain a footnote describing the dilution scenario. For example: <p style="padding-left: 40px;">Dilution QCs undiluted concentration 100,000 ng/mL; a 1:20 dilution with blank matrix was performed prior to extraction and analysis.</p>	2.1.19	10/4/10
4	NA	Report Writer			X	<p>If a table is configured to include Run Date or Run Identifier (both of with entered in the row(s) directly beneath the Watson Run ID entry), then the Watson Run ID column heading will reflect the inclusion of Run Date or Run Identifier.</p>	2.1.19	10/4/10
5	NA	Report Writer			X	<p>Regression table now shows regression constants in scientific notation</p>	2.1.19	10/4/10
6	NA	Report Writer			X	<p>Users are now able to configure the color of hyperlinks and tables of contents/figures/appendices. The color choices are blue or black. The configuration item is the ‘Make hyperlinks and TOC blue font color’ located in the ‘Data and Configuration Parameters’ table of the ‘Data’ window. Users enter TRUE for blue or FALSE for black.</p>	2.1.19	10/4/10
7	NA	Report Writer			X	<p>Users are now able to configure how numbers ≥ 1000 are displayed. The configuration item is the ‘Format comma for number \geq (enter 0 to ignore)’ located in the ‘Data and Configuration Parameters’ table of the ‘Data’ window. For example, if it is desired that numbers ≥ 10000 be displayed as comma formatted, then enter ‘10000’ as the configuration value. In the example given, the number ‘11564’ would displayed as ‘11,564’, but the number ‘1156’ would still be displayed as ‘1156’.</p>	2.1.19	10/4/10
8	NA	Report Writer			X	<p>Several events in the report generation coding were not optimized for efficiency which only becomes evident with larger studies (e.g. number of compounds > 5). These events have been optimized to increase efficiency.</p>	2.1.19	10/4/10
9	NA	Report Writer			X	<p>Logic was added such that when the minimum and maximum QC acceptance criteria are equal (e.g. 15%), then the acceptance criteria will be displayed as $\pm 15\%$ rather than $- 15\% / +15\%$.</p>	2.1.19	10/4/10

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
10	NA	Report Writer			X	<p>A new feature called ‘Select/Deselect All’ has been added to the Report Tables Configuration window. This button allows users to Select or Deselect all analytes for either:</p> <ul style="list-style-type: none"> ▪ all the Table Title rows of chosen Analyte columns or ▪ all the Analyte columns of chosen Table Title rows <p>This feature is to enable the user to bulk select or deselect Analyte checkboxes either by row or column when either troubleshooting or when some but not all tables are desired to be generated.</p>	2.1.19	10/4/10
11	NA	Report Writer			X	The table formatting function of GuWu has been expanded to include adding the footnote ‘Continued on next page’ on the bottom of a page if the table is greater than 1page.	2.1.19	10/4/10
12	NA	Report Writer			X	A button has been added to the Administration Window that will allow the user to increase the font size of the text in case the default font is too small to read.	2.1.19	10/4/10
13	NA	Report Writer		X		It had been pointed out that in some instances of the Calibration Standard table, the abbreviation ‘NRB’ was not being footnoted. This bug has been fixed.	2.1.19	10/4/10
14	NA	Report Writer		X		It was noted that sometimes QC acceptance criteria values retrieved from Watson were incorrect. This bug has been fixed.	2.1.19	10/4/10
1	NA	Report Writer			X	GuWu’s ability to automatically assign QC samples in Sample Analysis tables was enhanced	2.1.11	7/19/10
2	NA	Report Writer	X			GuWu was allowing the reporting of Accuracy values for the AdHoc Stability tables when the table was configured as reporting Peak Areas or Peak Area Ratios. The equation for Accuracy contains Mean and Nominal Concentration. Nominal Concentrations are meaningless to a Mean calculated from Peak Areas or Peak Area Ratios. This bug has been fixed.	2.1.11	7/19/10
1	NA	Report Writer		X		A large number of Field Codes related to the retrieval of Method Validation ANOVA table statistical values and QC statistical values (e.g. Mean, SD, etc) from individual QC tables.	2.1.8	6/25/10

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer		X		GuWu Sample Exclusion Feature. Users are now able exclude samples from within GuWu.	2.1.2	3/4/10
2	NA	Report Writer		X		GuWu Acceptance Criteria Feature. Users are now able to override Watson acceptance criteria from within GuWu. Users may configure asynchronous acceptance criteria if the regulatory environment allows it.	2.1.2	3/4/10
1	NA	Report Writer			X	Alpha and Beta greek symbols have been added to the Symbol Grab list.	2.1.1	2/13/10
2	NA	Report Writer	X			When an Ad Hoc Stability table had been configured to show Peak Area Ratios, the number of significant figures displayed for Mean and SD were incorrect. This bug has been fixed.	2.1.1	2/13/10
3	NA	Report Writer	X			When a table was replicated, GuWu would crash or GuWu would crash after a table was replicated and samples were attempted to be assigned to the table. This bug has been fixed.	2.1.1	2/13/10
4	NA	Report Writer	X			The Analyte Flag Percent for QCs and Stds were not being retrieved correctly. This bug has been fixed.	2.1.1	2/13/10
1	NA	Report Writer			X	Users can now choose the Analytical Runs to be contained in the Regression Constants table	2.0.69	12/9/09
2	NA	Report Writer			X	Users can now choose to border the QA Events table	2.0.69	12/9/09
3	NA	Report Writer			X	The Ad Hoc Stability and Ad Hoc Stability Comparison tables have been enhanced to accommodate more assemblies of data	2.0.69	12/9/09
1	NA	Report Writer	X			When printing the QA Event Table as a 'Print Individual Section' option, the print job fails. This bug has been fixed.	2.0.62	
2	NA	Report Writer	X			The 'Print Individual Section' for the sections 'QA Event Table', 'Contributing Personnel', and 'Sample Receipt' was not operational. This bug has been fixed.	2.0.62	
1	NA	Report Writer	X			Default FlagPercent for QC rejections had been assigned as '100' if the Watson value was NULL. The default FlagPercent has been changed to '15'.	2.0.59	9/29/09
2	NA	Report Writer	X			The function to calculate QC statistics from data that excludes eliminated samples was not functioning properly for LLOQ data. This bug has been fixed.	2.0.59	9/29/09
3	NA	Report Writer	X			The routine to determine minimum and maximum precision and accuracies was not functioning in some circumstances. This bug has been fixed.	2.0.59	9/29/09

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer			X	Added the ability of users to insert an option Run Identifier to the Adhoc stability tables and the Unique QC Low for Matrix Effects table.	2.0.52	7/18/09
1	NA	Report Writer	X			If the user fails to completely fill in Nominal Concentrations and Term1 values when assigning samples to the Interpolated QC Intra/Inter Precision and Accuracy table for a study, GuWu will crash the next time that study is opened. This bug has been fixed.	2.0.48	6/5/09
1	NA	Report Writer			X	Users may now define if it is wished to include PSAE data in the Interpolated QC, Back Calculated Calibr Std, and Regression Constant tables. When entering the Advanced Table Configuration window, a checkbox 'Include PSAE samples' is available.	2.0.44	5/6/09
2	NA	Report Writer	X			If a Contributing Personnel was configured without a role, then the Field Codes window would either open with no information or crash GuWu. This bug has been fixed.	2.0.44	5/6/09
3	NA	Report Writer	X			If the Back Calculated Calibr Stds table is configured to include regression constants, then the [REGRESSIONTABLENUMBER] would return an incorrect value. This bug has been fixed.	2.0.44	5/6/09
4	NA	Report Writer	X			If a user account has been configured to change his/her password at the next login, the new password was not being saved. This bug has been fixed.	2.0.44	5/6/09
5	NA	Report Writer	X			The Accuracy/Precision Min/Max fields of the Watson Analytical Reference Standard Table would display (and hence, report) incorrect values when the data includes PSAE runs. This bug has been fixed.	2.0.44	5/6/09
1	NA	Report Writer			X	<ul style="list-style-type: none"> ▪ Added BQL in Sample Table options ▪ Added 'Alternative Calibr/QC Std Units feature to use in place of units configured in Watson ▪ 	2.0.41	
1	NA	Report Writer				<ul style="list-style-type: none"> ▪ Table of Contents not updating after generation of Entire Report. Bug fixed. ▪ Dilution QC information not showing in legend of Interpolated QC Std Conc table if table has assigned samples. Bug fixed. 	2.0.41	
1	NA	Report Writer	X			General bug-fixing	2.0.40	4/15/09

#	Affected Users	Affected Modules *	Bug Fix	New Feature		Action Item	GuWu Version	Issue Date
				Major	Minor			
1	NA	Report Writer			X	<p>Two new Ad-Hoc QC tables have been added.</p> <p>Ad-Hoc QC Stability will generate a table that contains the expected statistics section at the bottom of the listed QC data for one or more QC levels.</p> <p>Ad-Hoc QC Stability Comparison allows the user to define two sets of QC data and report a Stability value at the bottom of the table or one or more QC levels. Stability: $\text{Mean}(t1)/\text{Mean}(t0)*100$</p>	2.0.39	3/24/09