

EQuIS™ Data Qualification Module (DQM)

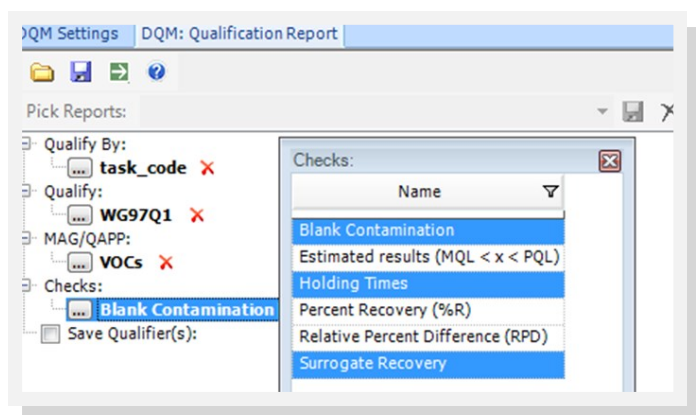
Qualify and Validate data against pre-defined quality checks

DQM provides data validation, ensuring sample data meets your established data quality criteria. DQM is included within the **EQuIS Professional Premier^D and Premier^{DG} Libraries** and can be called from an **Enterprise 6** widget. **EQuIS Professional Premier^D and Premier^{DG} Libraries** integrates the power of EQuIS Professional, DQM, Sample Planning Module (SPM) and EQuIS Data Processor (EDP) to offer the most complete environmental sample data management solution for assisting with data qualification and validation tasks.

DATA CHECKS LIBRARY

Users may select existing data checks, customize existing checks, or build custom data checks. Add and modify data quality checks within the provided framework. DQM is flexible so you can compare data to your own criteria.

- ▶ Blank Contamination
- ▶ Holding Times
- ▶ Percent Recoveries
- ▶ Percent Solids
- ▶ Relative Percent Differences (RPD)
- ▶ Sample Units
- ▶ Estimated Results
- ▶ Precision and Accuracy
- ▶ Surrogate Recoveries
- ▶ Duplicate Results
- ▶ Result Numeric Magnitude
- ▶ And more...



Project: WG97Q1 MAG/QAPP: VOCs				
BLANK CONTAMINATION				
Sample	Analytic Method	Analyte	Qualifier	Reason
B-31_19970315	8260	Cis-1,2-Dichloroethene	B	METHOD BLANK CONTAMINATION
B-34_19970315	8260	Carbon Tetrachloride	B	METHOD BLANK CONTAMINATION
B-38_19970315	8260	2-Hexanone	B	FIELD BLANK CONTAMINATION
ESTIMATED RESULT				
Sample	Analytic Method	Analyte	Qualifier	Reason
B-34_19970315	8260	Benzene	J	INACCURATE - LAB QUALIFIER
B-46_19970315	8260	Vinyl Chloride	J	INACCURATE - LAB QUALIFIER
HOLDING TIME				
Sample	Analytic Method	Analyte	Qualifier	Reason
B-4_19970315	8260	Cis-1,2-Dichloroethene	UL	LOW BIAS - NOT DETECT - ANALYSIS
B-42_19970315	8260	Vinyl Chloride	L	LOW BIAS - TWICE ANALYSIS
PERCENT RECOVERY				
Sample	Analytic Method	Analyte	Qualifier	Reason
B-31_19970315	8260	Cis-1,2-Dichloroethene	L	LOW BIAS - DETECT - MS ACCURACY
B-38_19970315	8260	Methyl T-Butyl Ether (MTBE)	L	LOW BIAS - DETECT - MS ACCURACY
B-42_19970315	8260	Acetone	K	HIGH BIAS - DETECT - LCS ACCURACY
RELATIVE PERCENT DIFFERENCE				
Sample	Analytic Method	Analyte	Qualifier	Reason
B-31_19970315	8260	Cis-1,2-Dichloroethene	B	METHOD BLANK CONTAMINATION
B-38_19970315	8260	Cis-1,2-Dichloroethene	L	LOW BIAS - DETECT - MS ACCURACY
B-44_19970315	8260	Cis-1,2-Dichloroethene	J	INACCURATE - DETECT - REP PRECISION
B-44_19970315	8260	Cis-1,2-Dichloroethene	J	INACCURATE - DETECT
SURROGATE RECOVERY				
Sample ID: B-31_19970315	Analytic Method	Analyte	Qualifier	Reason
	8260	Carbon Tetrachloride	B	METHOD BLANK CONTAMINATION
	8260	Benzene	J	INACCURATE - LAB QUALIFIER

DATA VALIDATION REPORTS

Qualification Report Parameters:

Qualify By: COC, Field SDG, Lab SDG, or Task

Qualify: Choose one or more criteria containing results, based upon the "Qualify By" selection.

MAG/QAPP: Must choose one or more MAGs or QAPPs to compare to the checks.

Checks: May select multiple checks

Save Qualifiers: Save the qualifiers applied in the report back to DT_RESULT.



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