

Table 3 – Mapping of RDBMS table fields onto MatML.

Table	Table Field	MatML
Category	category	Material/BulkDetails/Class
Types	Type	Material/BulkDetails/Subclass
Reference	Reference name	MetaData/DataSourceDetails/Name
Material	MaterialTypeName	Material/BulkDetails/Name
	MatNotes	Material/BulkDetails/Notes
	NAICS	Material/BulkDetails/Specification
Property	ContamName	Material/ComponentDetails/Name
	Molecular weight	Material/ComponentDetails/Notes
	CASN	Material/ComponentDetails/Specification
Testcond	Test Facility Type	MetaData/TestConditionDetails/ParameterValue/Data
	Temperature	MetaData/TestConditionDetails/ParameterValue/Data
	Temperature Uncertainty	MetaData/TestConditionDetails/ParameterValue/Uncertainty/Value
	Humidity	MetaData/TestConditionDetails/ParameterValue/Data
	Humidity Uncertainty	MetaData/TestConditionDetails/ParameterValue/Uncertainty/Value
	Surface Air Velocity	MetaData/TestConditionDetails/ParameterValue/Data
	Air change rate	MetaData/TestConditionDetails/ParameterValue/Data
	Air change rate uncertainty	MetaData/TestConditionDetails/ParameterValue/Uncertainty/Value
	Test facility construction material	MetaData/TestConditionDetails/ParameterValue/Data
	Test facility volume	MetaData/TestConditionDetails/ParameterValue/Data
	TCondNotes	MetaData/TestConditionDetails/Notes
	Individual VOC <= 2	MetaData/TestConditionDetails/ParameterValue/Data
	Sum VOC <= 10	MetaData/TestConditionDetails/ParameterValue/Data
ETest	Sample name	MetaData/SpecimenDetails/Name
	Surface area	MetaData/SpecimenDetails/Notes
	Sample loading	MetaData/SpecimenDetails/Notes
	ETestNotes	MetaData/SpecimenDetails/Notes
	Product Age	MetaData/SpecimenDetails/Notes
Equation	Description	MetaData/MeasurementTechniqueDetails/Notes
	Equation	MetaData/MeasurementTechniqueDetails/Notes
	NoOfCoef	MetaData/MeasurementTechniqueDetails/Notes
	Coefficient 1	MetaData/MeasurementTechniqueDetails/Notes
	Source Model Type	MetaData/MeasurementTechniqueDetails/Notes
Contaminant	Mean emission factor	Material/ComponentDetails/PropertyData/Data
	Mean emission uncertainty	Material/ComponentDetails/PropertyData/Uncertainty
	Coeff_1	MetaData/MeasurementTechniqueDetails/Notes
	Units	Material/ComponentDetails/PropertyData/Units
		MetaData/MeasurementTechniqueDetails/Notes
	Measurement time	Material/ComponentDetails/PropertyData/ParameterValue/Data
	Number of Measurements	MetaData/SpecimenDetails/Notes
	Sample Volume	Material/ComponentDetails/PropertyData/ParameterValue/Data
Analytical Method	MetaData/MeasurementTechniqueDetails/Name	