

Data Elements Related to Quality Assessment

ID	Data Elements	In EPA STORET?	Required by EPA SIM?	DEP SIM Batch Uploadable?	SIM Field Name	Comments/Concerns
1	Sample ID	Y	Y	Y	Activity ID	This is a user defined field.
2	Parameter Name	Y	Y	Y	Characteristic or Characteristic Group & Row ID	
3	Analytical Result	Y	Y	Y	Result Value	
4	Result Units	Y	Y	Y	Characteristic Units	
5	DEP Qualifiers	N	NA	NA	Value Qualifier	Added through DEP SIM patch
6	Result Comments	Y	N	Y	Result Comment	
7	Sample Collection Date	Y	Y	Y	Activity Start Date	
7	Sample Collection Time	Y	N	Y	Activity Start Time	
8	Preparation Date	N	NA	NA	Prep Date	Added through DEP SIM patch
8	Preparation Time	N	NA	NA	Prep Time	Added through DEP SIM patch
9	Analysis Date	Y	N	Y	Analysis Date	
9	Analysis Time	Y	N	Y	Analysis Time	
10	Analytical Method	Y	conditional	Y	Field/Lab Analytical Procedure	Some Characteristics require a Method to be entered through EPA SIM.
11	Preparation Method	Y	N	Y	Lab Sample Prep Procedure	
12	Sample Matrix	Y	N	Y	Sample Matrix	
13	DOH Certification Number/Laboratory ID	Y	Y	Y	Lab ID	
14	Preservatives Added	N	NA	NA	Value_Qualifier	This element only needs to identify whether or not the Preservation was intact when the sample arrived at the laboratory for analysis. If the sample preservation was NOT intact, then a 'Y' should be included in the value qualifier list. If there is no 'Y', then it indicates that the sample preservation was intact.
15	MDL	Y	N	Y	Detection Limit	
16	PQL	Y	N	Y	Quantification Low	
17	Sample Type	Y	Y	Y	Activity Type/ Activity Category	
18	Batch ID	Y	N	Y	Batch ID	This is a user defined field. Used to tie Equipment Blanks to Field and Lab Samples.
19	Field, Lab Blank Results	Y	N	Y	NA	Field blanks are loaded the same as other sample types, but the Activity Type field is set to Trip QC. At this time, lab blanks should NOT be included.
20	CAS #	Y	N	N	NA	CAS Number is defined by the allowed analyte name.