

| FIELD | DESCRIPTION | Water | Oil/Tar | Sediment | Tissue |
|------------|--|-------|---------|----------|--------|
| STUDYNAME | Study Name | X | X | X | X |
| QCBATCH | Laboratory analysis Group ID | X | X | X | X |
| EXSAMPID | Investigator's sample identifier | X | X | X | X |
| SAMPDATE | Date sample collected as YYYYMMDD | X | X | X | X |
| SAMPTIME | Time sample collected as HH:MM | X | X | X | X |
| SITEID | Site identifier | X | X | X | X |
| STUDYID | Study identifier | X | X | X | X |
| STATIONID | Station identifier | X | X | X | X |
| SAMPLEID | Sample identifier | X | X | X | X |
| LABREP | Lab replicate number | X | X | X | X |
| MATRIX | Matrix of analyzed sample | X | X | X | X |
| UpperDEPTH | Upper depth of the water or sediment sample in meters | X | | X | |
| LowerDEPTH | Lower depth of the water or sediment sample in meters | X | | X | |
| DEPTHUNIT | Unit of measurement for depth; either meters or feet for water, or centimeters or inches for sediment, as selected by user | X | | X | |
| CHEMNAME | Full chemical name of compound for which analysis was conducted. | X | X | X | X |
| CONC | Measured concentration | X | X | X | X |
| QUALCODE | Assigned qualifier for concentration | X | X | X | X |
| UNITS | Units of concentration for parameter | X | X | X | X |
| DVLEVEL | Data Validation level for the sample | X | X | X | X |
| DL | Analytical method detection limit. | X | X | X | X |
| RL | Reporting limit--Level at which target analytes are reported, (practical quantitation limit) | X | X | X | X |
| MEASBASIS | Total or dissolved fraction measurement basis | X | X | X | X |
| LABID | Identifier assigned by the laboratory | X | X | X | X |
| METHOD | Analytical method | X | X | X | X |
| LABNAME | Name of the laboratory that conducted the analysis | X | X | X | X |
| LATITUDE | Latitude in decimal degrees, NAD83 | X | X | X | X |
| LONGITUDE | Longitude in decimal degrees, NAD83 | X | X | X | X |
| GRID | Identified grid location where sampling was conducted; first two characters represent the state or "GU" for Gulf | X | X | X | X |
| CHEMCODE | Code for parameter name | X | X | X | X |
| | | | | | |

| QUALCODE | LABNAME | DESCRIPTION |
|----------|------------------|--|
| F | Alpha Analytical | Found. Analyte detected at less than the MDL, however, peak height is greater than 3 times the noise level and ID criteria are met. |
| FJ | Alpha Analytical | Found. Analyte detected at less than the MDL, however, peak height is greater than 3 times the noise level and ID criteria are met. J indicates an associated QC result was not met so sample results may be biased. |
| J | Alpha Analytical | Result is less than the quantitation limit; or, if greater than the quantitation limit the reported concentration is an estimate with potentially more bias, or less precision than an unqualified concentration, as judged by associated calibration and/or reference material results. |
| U | Alpha Analytical | The analyte was analyzed for, but was not detected above the reported detection limit; or, analyte concentration is not significantly greater than the associated blank result. The result is judged to be the detection limit. |
| UJ | Alpha Analytical | Not detected. Detection limit is an estimate with potentially more bias or less precision than an unqualified detection limit as judged by the associated quality control results |
| R | Alpha Analytical | Unreliable result. Data should not be used. |
| N | Alpha Analytical | The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification". |
| NJ | Alpha Analytical | The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration. |
| DNR | Alpha Analytical | Do not report; A more appropriate result is reported from another analysis or dilution. |
| | | |

| DVLEVEL | DESCRIPTION |
|--|---|
| NV | Not Validated (validation not expected) |
| UNVAL | Not Validated (validation not completed) |
| S1VE | Completeness check and check of sample conditions, Electronic review |
| S1VEM | Completeness check and check of sample conditions, Electronic and manual review |
| S1VM | Completeness check and check of sample conditions, Manual review |
| S2AVE | Compliance Screening of samples & QC Samples, Electronic review |
| S2AVEM | Compliance Screening of samples & QC Samples, Electronic and manual review |
| S2AVM | Compliance Screening of samples & QC Samples, Manual review |
| S2BVE | Summary Validation of samples, QC samples & Instrument QC , Electronic review |
| S2BVEM | Summary Validation of samples of samples, QC samples & Instrument QC , Electronic and manual review |
| S2BVM | Summary Validation of samples of samples, QC samples & Instrument QC , Manual review |
| S3VE | Full review without analyte identification check , Electronic review |
| S3VEM | Full review without analyte identification check , Electronic and manual review |
| S3VM | Full review without analyte identification check , Manual review |
| S4VE | Full review with analyte identification check , Electronic review |
| S4VEM | Full review with analyte identification check , Electronic and manual review |
| S4VM | Full review with analyte identification check , Manual review |
| | |
| DVLEVEL is based on Validation stage and Validation type as listed below | |
| | |
| | |
| Validation Stage | Stage Definition |
| UNVAL | Not Validated |
| S1 | Completeness check and check of sample conditions |
| S2A | Compliance Screening of samples & QC Samples |
| S2B | Summary Validation of samples, QC samples & Instrument QC |
| S3 | Full review without analyte identification check |
| S4 | Full review with analyte identification check |
| | |
| Validation Type | Validation Type Definition |
| VM | Manual review |
| VE | Electronic review |
| VEM | Electronic and manual review |
| | |

| MATRIX | DESCRIPTION |
|---------------|----------------------|
| DS | Filtered (dissolved) |
| EL | Elutriate |
| OL | Oil |
| ON | Oil net |
| PT | Particulate |
| PW | Pore water |
| RS | Residue |
| SE | Sediment |
| SL | Soil |
| TB | Tarball |
| WH | Water (whole) |
| WR | Wrack |
| | |

| MEASBASIS | DESCRIPTION |
|------------------|---|
| TO | Total (water samples) |
| DS | Dissolved (water samples) |
| PT | Particulate (filter samples digested and reported as mg/L and ug/L) |
| WW | Wet weight |
| DW | Dry weight |
| | |