

Data Validation Summary Report, Revision 3
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Soil Remediation Completion Sampling
Nevada Environmental Response Trust (NERT)
Henderson, Nevada

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LIST OF ACRONYMS AND ABBREVIATIONS

| | |
|----------|--|
| DQO | Data Quality Objectives |
| DUP | Duplicate |
| DVSR | Data Validation Summary Report |
| EDL | Estimated Detection Limit |
| ICV | Initial Calibration Verification |
| LCS/LCSD | Laboratory Control Sample / Laboratory Control Sample Duplicate |
| LDC | Laboratory Data Consultants, Inc. |
| MS/MSD | Matrix Spike / Matrix Spike Duplicate |
| PARCC | Precision, Accuracy, Representativeness, Comparability, Completeness |
| PQL | Practical Quantitation Limit |
| QA/QC | Quality Assurance / Quality Control |
| QAPP | Quality Assurance Project Plan |
| RPD | Relative Percent Difference |
| RSD | Relative Standard Deviation |
| SDG | Sample Delivery Group |
| SQL | Sample Quantitation Limit |
| ug/L | Micrograms per Liter |
| ug/Kg | Micrograms per Kilogram |
| mg/L | Milligram per Liter |
| mg/Kg | Milligram per Kilogram |
| ng/g | Nanogram per Gram |
| pg/L | Picogram per Liter |
| pg/g | Picogram per Gram |
| USEPA | United States Environmental Protection Agency |
| % D | Percent Difference |
| % R | Percent Recovery |
| % RSD | Percent Relative Standard Deviation |

1.0 INTRODUCTION

This data validation summary report (DVSR) has been prepared by Laboratory Data Consultants, Inc. (LDC) to assess the validity and usability of laboratory analytical data from the Soil Remediation Completion Sampling conducted at the Nevada Environmental Response Trust (NERT) site in Henderson, Nevada. The assessment was performed by ENVIRON as a part of the *Revised Phase B Quality Assurance Project Plan Tronox LLC Facility, Henderson, Nevada* dated May 2009 and included the collection and analyses of 170 environmental and quality control (QC) samples. The analyses were performed by the following methods:

Volatiles by EPA SW 846 Method 8260B
Semivolatiles by EPA SW 846 Method 8270C
Polynuclear Aromatic Hydrocarbons by EPA SW 846 Method 8270C-SIM
Pesticides by EPA SW 846 Method 8081A
Polychlorinated Dioxins/Dibenzofurans by EPA SW 846 Method 8280A and 8290
Metals by EPA SW 846 Method 6010B, 6020, and 7471A
Asbestos by Method EPA-540-R97-028

Wet Chemistry:

Perchlorate by EPA Method 314.0
pH by EPA SW 846 Method 9045C

Laboratory analytical services were provided by Test America, Inc. The samples were grouped into sample delivery groups (SDGs). The water samples are associated with QA/QC samples designed to document the data quality of the entire SDG or a sub-group of samples within an SDG. Table I is a cross-reference table listing each sample, analysis, SDG, collection date, laboratory sample number, and matrix. All shaded samples in Table I were reviewed under Stage 4 validation guidelines.

The laboratory analytical data were validated in accordance with procedures described in the Nevada Division of Environmental Protection (NDEP) *Data Verification and Validation Requirements - Supplement* established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, April 13, 2009. Consistent with the NDEP requirements, approximately ninety percent of the analytical data were validated according to Stage 2B data validation procedures and ten percent of the analytical data were validated according to Stage 4 data validation procedures. The analytical data were evaluated for quality assurance and quality control (QA/QC) based on the following documents: *Basic Remediation Company (BRC) Standard Operating Procedures (SOP) 40 Data Review/Validation*, Revision 4, May 2009, *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, June 2008, *Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review*, January 2010, *Contract Laboratory Program National Functional Guidelines for Polychlorinated Dioxins/Dibenzofurans Data Review*, September 2005, *Data Validation Guidance for Asbestos in Soils for the Basic Management Incorporated (BMI) Complex and Common Areas*, July 2012, and the *EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste*, update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IV, February 2007.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness, and comparability (PARCC) relative to the project data quality objectives (DQOs). This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability.

The PARCC summary report evaluates and summarizes the results of QA/QC data validation for the entire sampling program. Each analytical fraction has a separate section for each of the PARCC criteria. These sections interpret specific QC deviations and their effects on both individual data points and the analyses as a whole. Section 5.0 presents a summary of the PARCC criteria by comparing quantitative parameters with acceptability criteria defined in the project DQO's. Qualitative PARCC criteria are also summarized in this section.

Precision and Accuracy of Environmental Data

Environmental data quality depends on sample collection procedures, analytical methods and instrumentation, documentation, and sample matrix properties. Both sampling procedures and laboratory analyses contain potential sources of uncertainty, error, and/or bias, which affect the overall quality of a measurement. Errors for sample data may result from incomplete equipment decontamination, inappropriate sampling techniques, sample heterogeneity, improper filtering, and improper preservation. The accuracy of analytical results is dependent on selecting appropriate analytical methods, maintaining equipment properly, and complying with QC requirements. The sample matrix also is an important factor in the ability to obtain precise and accurate results within a given media.

Environmental and laboratory QA/QC samples assess the effects of sampling procedures and evaluate laboratory contamination, laboratory performance, and matrix effects. QA/QC samples include: equipment blanks, field duplicates, method blanks, laboratory control samples and laboratory control sample duplicates (LCS/LCSDs), laboratory duplicates (DUP), and matrix spike/matrix spike duplicates (MS/MSDs).

Before conducting the PARCC evaluation, the analytical data were validated according to the BRC SOP-40 (May 2009), Functional Guidelines (USEPA 2005, 2008, 2010), and EPA SW 846 Test Methods. Samples not meeting the acceptance criteria were qualified with a flag, an abbreviation indicating a deficiency with the data. The following are flags used in data validation.

- J- Estimated The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise.
- J+ Estimated The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise.
- J Estimated The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.
- K Estimated The associated numerical value is an estimated maximum possible concentration (EMPC). Flagged by the laboratory as estimated due to not meeting the qualitative identification criteria, target compounds reported as EMPC by the laboratory should be considered estimated.
- R Rejected The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte. The "R" designation is also applied to yield only one complete set of data for a given sample and eliminate redundant data.
- U Nondetected Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result that is detected in an environmental sample and associated blank at less than the PQL.

- UJ Estimated/Nondetected Analyses were performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.

The hierarchy of flags is listed below:

- R > J The R flag will always take precedence over the J qualifier.
- J > J+ or J- A non-biased (J) flag will always supersede biased (J+ or J-) flags since it is not possible to assess the direction of the potential bias.
- J = J+ plus J- Adding biased (J+, J-) flags with opposite signs will result in a non-biased flag (J).
- UJ = U plus J or J+ or J- The UJ flag is used when a non-detected (U) flag is added to a biased (J+ or J-) or non-biased flag (J).

Table II lists the reason codes used. Reason codes explain why flags have been applied and identify possible limitations of data use. Reason codes are cumulative except when one of the flags is R then only the reason code associated to the R flag will be used.

Table III presents the overall qualified results after all the flags or validation qualifiers and associated reason codes have been applied.

Once the data are reviewed and qualified according to the BRC SOP-40, Functional Guidelines, and EPA Test Methods, the data set is then evaluated using PARCC criteria. PARCC criteria provide an evaluation of overall data usability. The following is a discussion of PARCC criteria as related to the project DQOs.

Precision is a measure of the agreement or reproducibility of analytical results under a given set of conditions. It is a quantity that cannot be measured directly but is calculated from percent recovery data. Precision is expressed as the relative percent difference (RPD):

$$RPD = (D1-D2)/\{1/2(D1+D2)\} \times 100$$

where:

D1 = reported concentration for the sample

D2 = reported concentration for the duplicate

Precision is primarily assessed by calculating an RPD from the percent recoveries of the spiked compounds for each sample in the MS/MSD pair. In the absence of an MS/MSD pair, a laboratory duplicate or LCS/LCSD pair can be analyzed as an alternative means of assessing precision. An additional measure of sampling precision was obtained by collecting and analyzing field duplicate samples, which were compared using the RPD result as the evaluation criteria.

MS and MSD samples are field samples spiked by the laboratory with target analytes prior to preparation and analysis. These samples measure the overall efficiency of the analytical method in recovering target analytes from an environmental matrix. A LCS is similar to an MS/MSD sample in that the LCS is spiked with the same target analytes prior to preparation and analysis. However, the LCS is prepared using a controlled interference-free matrix instead of a field sample aliquot. Laboratory reagent water is used to prepare aqueous LCS. The LCS measures laboratory efficiency in recovering target analytes from either an aqueous matrix in the absence of matrix interferences.

One primary sample is analyzed and accompanied by an unspiked laboratory duplicate. The data reviewer compares the reported results of the primary analysis and the laboratory duplicate, then calculates RPDs, which are used to assess laboratory precision.

Laboratory and field sampling precision are evaluated by calculating RPDs for aqueous field sample duplicate pairs. The sampler collects two field samples at the same location and under identically controlled conditions. The laboratory then analyzes the samples under identical conditions.

An RPD outside the numerical QC limit in either MS/MSD samples or LCS/LCSD indicates imprecision. Imprecision is the variance in the consistency with which the laboratory arrives at a particular reported result. Thus, the actual analyte concentration may be higher or lower than the reported result.

Possible causes of poor precision include sample matrix interference, improper sample collection or handling, inconsistent sample preparation, and poor instrument stability. In some duplicate pairs, results maybe reported in either the primary or duplicate samples at levels below the practical quantitation limit (PQL) or non-detected. Since these values are considered to be estimates, RPD exceedances from these duplicate pairs do not suggest a significant impact on the data quality.

Accuracy is a measure of the agreement of an experimental determination and the true value of the parameter being measured. It is used to identify bias in a given measurement system. Recoveries outside acceptable QC limits may be caused by factors such as instrumentation, analyst error, or matrix interference. Accuracy is assessed through the analysis of MS, MSD, LCS, and LCSD. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. Accuracy of inorganic analyses is determined using the percent recoveries of MS and LCS analyses.

Percent recovery (%R) is calculated using the following equation:

$$\%R = (A-B)/C \times 100$$

where:

A = measured concentration in the spiked sample

B = measured concentration of the spike compound in the unspiked sample

C = concentration of the spike

The percent recovery of each analyte spiked in MS/MSD samples and LCS/LCSD is evaluated with the acceptance criteria specified by the previously noted documents. Spike recoveries outside the acceptable QC accuracy limits provide an indication of bias, where the reported data may overestimate or underestimate the actual concentration of compounds detected or quantitation limits reported for environmental samples.

Representativeness is a qualitative parameter that expresses the degree to which the sample data are characteristic of a population. It is evaluated by reviewing the QC results of blanks, samples and holding times. Positive detects of compounds in the blank samples identify compounds that may have been introduced into the samples during sample collection, transport, preparation, or analysis. The QA/QC blanks collected and analyzed are method blanks, equipment blanks and field blanks.

A method blank is a laboratory grade water or solid matrix that contains the method reagents and has undergone the same preparation and analysis as the environmental samples. The method blank provides a measure of the combined contamination derived from the laboratory source water, glassware, instruments, reagents, and sample preparation steps. Method blanks are prepared for each sample of a similar matrix extracted by the same method at a similar concentration level.

Initial and continuing calibration blanks consist of acidified laboratory grade water, which are injected at the beginning and at a regular frequency during each 12 - hour sample analysis run. These blanks estimate residual contaminants from the previous sample or standards analysis and measure baseline shifts that commonly occur in emission and absorption spectroscopy.

Equipment blanks consist of analyte-free water poured over or through the sample collection equipment. The water is collected in a sample container for laboratory analysis. These blanks are collected after the sampling equipment is decontaminated and measure efficiency of the decontamination procedure. Equipment blanks were collected and analyzed for all target analytes.

Contaminants found in both the environmental sample and the blank samples are assumed to be laboratory artifacts if both values are less than the PQL.

Holding times are evaluated to assure that the sample integrity is intact for accurate sample preparation and analysis. Holding times will be specific for each method and matrix analyzed. Holding time exceedance can cause loss of sample constituents due to biodegradation, precipitation, volatilization, and chemical degradation. In accordance with EPA guidance (USEPA 2004), sample results for analyses that were performed after the method holding time but less than two times the method holding time were qualified as estimated (J- or UJ) and sample results for analyses that were performed after two times the method holding time were qualified as rejected (R).

Comparability is a qualitative expression of the confidence with which one data set may be compared to another. It provides an assessment of the equivalence of the analytical results to data obtained from other analyses. It is important that data sets be comparable if they are used in conjunction with other data sets. The factors affecting comparability include the following: sample collection and handling techniques, matrix type, and analytical method. If these aspects of sampling and analysis are carried out according to standard analytical procedures, the data are considered comparable. Comparability is also dependent upon other PARCC criteria, because only when precision, accuracy, and representativeness are known can data sets be compared with confidence.

Completeness is defined as the percentage of acceptable sample results compared to the total number of sample results. Completeness is evaluated to determine if an acceptable amount of usable data were obtained so that a valid scientific site assessment can be completed. Completeness equals the total number of sample results for each fraction minus the total number of rejected sample results divided by the total number of sample results multiplied by 100. As specified in the project DQOs, the goal for completeness for target analytes in each analytical fraction is 90 percent.

Percent completeness is calculated using the following equation:

$$\% C = (T - R)/T \times 100$$

where:

% C = percent completeness

T = total number of sample results

R = total number of rejected sample results

Completeness is also determined by comparing the planned number of samples per method and matrix as specified in the QAPP, with the number determined above.

The following sections present a review of QC data for each analytical method.

2.0 VOLATILE ORGANIC COMPOUNDS

A total of 6 soil and 8 water samples were analyzed for VOCs by EPA SW-846 Method 8260B. All VOC data were assessed to be valid since none of the 486 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

2.1 Precision and Accuracy

2.1.1 Instrument Calibration

Initial and continuing calibration results provide a means of evaluating accuracy within a particular SDG. Relative response factor (RRF), percent relative standard deviation (%RSD), and percent difference (%D) are the three major parameters used to measure the effectiveness of instrument calibration. RRF is a measure of the relative spectral response of an analyte compared to its internal standard. %RSD is an expression of the linearity of instrument response. %D is a comparison of a continuing calibration instrumental response with its initial response. %RSD and %D exceedances suggest routine instrumental anomalies, which typically impact all sample results for the affected compounds.

The %RSDs met the acceptance criteria of 30 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration. The %Ds in the initial calibration verifications met the acceptance criteria of 25 percent.

Twenty two results were qualified as non-detected estimated (UJ). The %Ds in the continuing calibration verifications were outside the acceptance criteria of 25 percent or the RRFs were less than the acceptance criteria of 0.05. The affected compounds were 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,4-dioxane, 2-chlorotoluene, 4-chlorotoluene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, t-butanol, and tert-butylbenzene. The details regarding the qualification of results are provided in Attachment A.

2.1.2 Surrogates

Due to surrogate %Rs outside of acceptance criteria, 68 results in sample EE-E14A-1 were qualified as detected estimated (J) or non-detected estimated (UJ). The details regarding the qualification of results are provided in Attachment B.

2.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met acceptance criteria.

2.1.4 LCS Samples

All LCS/LCSD %Rs and RPDs met acceptance criteria.

2.1.5 Internal Standards

Due to internal standard area counts outside of the acceptance criteria, 86 results in samples CS-E14A-2 and EE-E14A-1 were qualified as detected estimated (J) or non-detected estimated (UJ). The details regarding the qualification of results are provided in Attachment E.

2.1.6 Field Duplicate Samples

No field duplicate samples were collected and analyzed for this analysis.

2.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

2.2 Representativeness

2.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day analysis holding time criteria.

2.2.2 Blanks

Method blanks and equipment blanks were analyzed to evaluate representativeness. The concentration for an individual target compound in any of the two types of QA/QC blanks was used for data qualification.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation. The corrective action consisted of amending the laboratory reported results based on the following criteria.

Results Below the PQL If a sample result and blank contaminant value were less than the PQL, the sample result was amended as estimated (J) at the concentration reported in the sample results.

Results Above the PQL If a sample result and blank contaminant value were greater than the PQL and less than 10 times the blank contaminant value, the sample result was qualified as detected estimated (J+) at the concentration reported in the sample results.

No Action If a sample result and blank contaminant values were greater than the PQL, the result was not amended.

2.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, the methylene chloride result for sample CS-C10B-1 was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

2.2.2.2 Equipment Blanks

No equipment blanks were collected and analyzed for this analysis.

2.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the Sample Quantitation Limits (SQLs) attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

2.4 Completeness

The completeness level attained for VOC field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

3.0 SEMIVOLATILE ORGANIC COMPOUNDS

A total of 62 soil and 4 water samples were analyzed for SVOCs by EPA SW-846 Method 8270C. All SVOC data were assessed to be valid since none of the 626 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

3.1 Precision and Accuracy

3.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs met the acceptance criteria of 30 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration. The %Ds in the initial and continuing calibration verifications met the acceptance criteria of 25 percent. The relative response factors were within the method acceptance criteria in the initial and continuing calibration standards.

3.1.2 Surrogates

Due to surrogate %R outside of the acceptance criteria, the hexachlorobenzene result for sample EE-E14B-2 was qualified as detected estimated (J-). The details regarding the qualification of results are provided in Attachment B.

3.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met acceptance criteria.

3.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met acceptance criteria.

3.1.5 Internal Standards

Due to internal standard area counts outside of the acceptance criteria, 6 results in sample DS-C24-2 were qualified as detected estimated (J). The affected compounds were benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The details regarding the qualification of results are provided in Attachment E.

3.1.6 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Twelve results were qualified as detected estimated (J) or non-detected estimated (UJ) due to RPD or difference outside of the acceptance criteria in field duplicate pairs SSAQ6-02-0.3_01_BPC and SSAQ6-02-0.3_01_BPC FD, EE-E14B-1 and EE-E14B-2, and DS-C24-1 and DS-C24-2. The details regarding the qualification of results

are provided in Attachment G.

3.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to lack of resolution of between benzo(b)fluoranthene and benzo(k)fluoranthene on column, 4 results in samples SSAO5-09-0.0_01_BPC and SSAO5-09-0.0_01_BPC FD were qualified as detected estimated (J) or non-detected estimated (UJ). The laboratory used the total peak area for quantitation. The details regarding the qualification of results are provided in Attachment H.

3.2 Representativeness

3.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day extraction for soils, 7-day extraction for waters, and 40-day analysis holding time criteria.

3.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

3.2.2.1 Method Blanks

No data were qualified due to the contaminants detected in the method blanks for this analysis.

3.2.2.2 Equipment Blanks

No contaminants were detected in the equipment blanks for this analysis.

3.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

3.4 Completeness

The completeness level attained for SVOC field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

4.0 POLYNUCLEAR AROMATIC HYDROCARBONS

A total of 28 soils and one water sample were analyzed for PAHs by EPA SW-846 Method 8270C-SIM. All PAH data were assessed to be valid since none of the 554 total results were rejected due to holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

4.1 Precision and Accuracy

4.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs met the acceptance criteria of 30 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration. The %Ds in the initial and continuing calibration verifications met the acceptance criteria of 25 percent. The relative response factors were within the method acceptance criteria in the initial and continuing calibration standards.

4.1.2 Surrogates

All surrogate %Rs met the acceptance criteria.

4.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

4.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

4.1.5 Internal Standards

All internal standard area counts and retention times met the acceptance criteria.

4.1.6 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Twenty results were qualified as detected estimated (J) due to difference outside of the acceptance criteria in field duplicate pair DS-C24-1 and DS-C24-2. The details regarding the qualification of results are provided in Attachment G.

4.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to lack of resolution of between benzo(b)fluoranthene and benzo(k)fluoranthene on column, 4 results in samples DS-E16-1 and EE-C24-2 were qualified as detected estimated (J) or non-detected estimated (UJ). The laboratory used the total peak area for quantitation. The details regarding the qualification of results are provided in Attachment H.

4.2 Representativeness

4.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day extraction for soils, 7-day extraction for waters, and 40-day analysis holding time criteria.

4.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

4.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

4.2.2.2 Equipment Blanks

No contaminants were detected in the equipment blanks for this analysis.

4.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

4.4 Completeness

The completeness level attained for PAH field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

5.0 CHLORINATED PESTICIDES

A total of 51 soil and 2 water samples were analyzed for chlorinated pesticides by EPA SW-846 Method 8081A. All chlorinated pesticide data were assessed to be valid since none of the 467 total results were rejected due to holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

5.1 Precision and Accuracy

5.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs met the acceptance criteria of 20 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration.

Ten results in samples CS-E11-1, CS-E11-3, DS-D14-1, DS-E14A-1, and DS-E14A-2 were qualified as detected estimated (J) or non-detected estimated (UJ). The %Ds in the initial and continuing calibration verifications were outside the method acceptance criteria of 20 percent for 4,4-DDE, aldrin, alpha-BHC, alpha-chlordane, chlordane (technical), gamma-chlordane, methoxychlor, and toxaphene. The details regarding the qualification of results are provided in Attachment A.

5.1.2 Surrogates

Due to surrogate %Rs outside of the acceptance criteria, 39 results in samples CS-E14C-2, DS-C39B-1, DS-D27-1, DS-D27-2, DS-DB-2, and DS-E16-1 were qualified as detected estimated (J) or non-detected estimated (UJ). The affected compounds were 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, chlordane (technical), delta-BHC, dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin, endrin aldehyde, endrin ketone, gamma-BHC, gamma-Chlordane, heptachlor, heptachlor epoxide, hexachlorobenzene, methoxychlor, and toxaphene. The details regarding the qualification of results are provided in Attachment B.

5.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

5.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

5.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. All RPDs or difference met the acceptance criteria.

5.1.6 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to the RPD between 2 columns greater than 40 percent, the alpha-BCH result in sample DS-E14A-1 was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment H.

5.2 Representativeness

5.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day extraction for soils, 7-day extraction for waters, and 40-day analysis holding time criteria.

5.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

5.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, the hexachlorobenzene result in sample CS-C05A-1 was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

5.2.2.2 Equipment Blanks

No contaminants were detected in the equipment blanks for this analysis.

5.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

5.4 Completeness

The completeness level attained for chlorinated pesticide field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

6.0 POLYCHLORINATED DIOXINS AND DIBENZOFURANS

A total of 105 soil and 6 water samples were analyzed for PCDDs/PCDFs by EPA SW 846 Method 8280A and 8290. All PCDD/PCDF data were assessed to be valid since none of the 1898 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

6.1 Precision and Accuracy

6.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent for unlabeled compounds and 30 percent for labeled compounds. The ion abundance ratios met the method acceptance criteria.

Thirteen results were qualified as detected estimated (J). The %Ds in the routine calibration were outside the acceptance criteria of 20 percent for unlabeled compounds and 30 percent for labeled compounds. The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment A.

6.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

6.1.3 LCS Samples

Due to LCS %Rs outside of acceptance criteria, 18 results in DS-C39B-1, DS-D27-1, DS-D27-2, DS-E16-1, DS-E14A-1, and DS-E14A-2 samples were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, and OCDF. The details regarding the qualification of results are provided in Attachment D.

6.1.4 Internal Standards

Due to internal standard %Rs outside of the acceptance criteria, 145 results in 23 samples were qualified as detected estimated (J) or non-detected estimated. The details regarding the qualification of results are provided in Attachment E.

6.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Forty two results were qualified as detected estimated (J) due to difference outside of the acceptance criteria in field duplicate pairs SSAO5-09-0.0_01_BPC and SSAO5-09-0.0_01_BPC_FD and DS-DB-1 and DS-DB-2. The details regarding the qualification of results are provided in Attachment G.

6.1.6 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to results exceeding the calibration range of the instrument, 130 results were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment H.

Due to not meeting the qualitative identification criteria, 126 results were indicated as Estimated Maximum Possible Concentration (EMPC) by the lab and qualified as detected estimated (J). Target compounds reported as EMPC by the laboratory should be considered estimated. The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment H.

6.2 Representativeness

6.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 30-day extraction and 45-day analysis holding time criteria.

6.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

6.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, 149 results in 29 samples were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the

qualification of results are provided in Attachment I.

6.2.2.2 Equipment Blanks

As a result of contamination found in the equipment blanks, 15 results in samples CS-C07A-1, CS-08-1, and CS-C09A-1 were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment I.

6.3 Comparability

The laboratory used standard analytical methods for all of the analyses. The laboratory reported non-detect results at the sample specific estimated detection limits (EDL). In all cases, the EDLs attained were below the specified PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

6.4 Completeness

The completeness level attained for PCDD/PCDF field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

7.0 METALS

A total of 129 soil and 8 water samples were analyzed for metals by EPA SW 846 Method 6010B, 6020, and 7471A. All metal data were assessed to be valid since none of the 340 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

7.1 Precision and Accuracy

7.1.1 Instrument Calibration

Initial and continuing calibration verification results provide a means of evaluating accuracy within a particular SDG. Correlation coefficient (r) and percent recovery (%R) are the two major parameters used to measure the effectiveness of instrument calibration. The correlation coefficient indicates the linearity of the calibration curve. %R is used to verify the ongoing calibration acceptability of the analytical system.

The most critical of the two calibration parameters, r, has the potential to affect data accuracy across an SDG when it is outside the acceptable QC limits. %R exceedances suggest more routine instrumental anomalies, which typically impact all sample results for the affected analytes.

The correlation coefficients in the initial calibrations were within the acceptance criteria of ≥ 0.995 and the %Rs in the initial and continuing calibration verifications met the acceptance criteria of 90-110%.

7.1.2 MS/MSD Samples

Due to MS/MSD %Rs and RPDs outside of the acceptance criteria, 40 results in 33 samples were qualified as detected estimated (J). The affected compounds were arsenic, cobalt, magnesium, and manganese. The details regarding the qualification of results are provided in Attachment C.

7.1.3 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met acceptance criteria.

7.1.4 ICP Serial Dilution

Due to serial dilution %Ds outside of the acceptance criteria, 19 results in 17 samples were qualified as detected estimated (J). The affected compounds were arsenic, cadmium, cobalt, lead, and magnesium. The details regarding the qualification of results are provided in Attachment F.

7.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Two arsenic results were qualified as detected estimated (J) due to RPD outside of the acceptance criteria in field duplicate pair SSAO5-09-0.0_01_BPC and SSAO5-09-0.0_01_BPC FD. The details regarding the qualification of results are provided in Attachment G.

7.1.6 ICP Interference Check Sample

All ICP interference check %Rs met acceptance criteria.

7.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

7.2 Representativeness

7.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 28-day analysis holding time criteria for mercury and the 180-day analysis holding time criteria for all other metals.

7.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

7.2.2.1 Method Blanks

No data were qualified due to the contaminants detected in the method blanks for this analysis.

7.2.2.2 Equipment Blanks

As a result of contamination found in the equipment blanks, 2 arsenic results in samples CS-C07A-1 and CS-C08-1 were qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

7.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

7.4 Completeness

The completeness level attained for metal field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

8.0 ASBESTOS

A total of 2 soil samples were analyzed for asbestos by Method EPA-540-R97-028. All asbestos data were assessed to be valid since none of the 18 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

8.1 Precision and Accuracy

8.1.1 Instrument Calibration

Instrument calibration data were not received, therefore not reviewed for Stage 2A review.

8.1.2 DUP Samples

DUP analysis was not performed for this sampling event.

8.1.3 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. All RPDs or difference met the acceptance criteria.

8.1.4 Analyte Quantitation and Target Identification

Raw data were not received. No samples underwent Stage 4 review.

8.2 Representativeness

8.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 28-day analysis holding time criteria.

8.2.2 Blanks

8.2.2.1 Filter Blanks

Filter blank data were not received, therefore not reviewed for Stage 2A review.

8.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. The comparability of the data is regarded as acceptable.

8.4 Completeness

The completeness level attained for asbestos field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

9.0 WET CHEMISTRY

A total of 56 soil and 3 water samples were analyzed for perchlorate by EPA Method 314.0 and pH by EPA SW 846 Method 9045C. All wet chemistry data were assessed to be valid since none of the 61 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

9.1 Precision and Accuracy

9.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The correlation coefficients in the initial calibrations were within the acceptance criteria of ≥ 0.995 and the %Rs in the continuing calibration verification met the acceptance criteria of 90-110%.

9.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

9.1.3 DUP Samples

All DUP RPDs met the acceptance criteria.

9.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

9.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. 2 perchlorate results were qualified as detected estimated (J) due to RPD in field duplicate pair EE-E08A-1 and EE-E08A-2. The details regarding the qualification of results are provided in Attachment G.

9.1.6 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

9.2 Representativeness

9.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 28-day analysis holding time criteria for perchlorate and pH.

9.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

9.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, the perchlorate result in sample EB-02092011-SSAO6 was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

9.2.2.2 Equipment Blanks

No data were qualified due to the contaminants detected in the method blanks for this analysis.

9.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

9.4 Completeness

The completeness level attained for wet chemistry field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

10.0 VARIANCES IN ANALYTICAL PERFORMANCE

The laboratory used standard analytical methods for all of the analyses throughout the project. No systematic variances in analytical performance were noted in the laboratory case narratives.

11.0 SUMMARY OF PARCC CRITERIA

The validation reports present the PARCC results for all SDGs. Each PARCC criterion is discussed in detail in the following sections.

11.1 Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as calibration, surrogates, MS/MSD, DUP, LCS/LCSD, serial dilution, and field duplicates. The precision and accuracy of the data set were considered acceptable after integration of result qualification.

All calibrations were performed as required and met the acceptance criteria. All surrogate, MS/MSD, DUP, LCS/LCSD, serial dilution and field duplicate percent recoveries, %Ds, RPDs, and difference met

acceptance criteria with the exceptions noted in Sections 2.1.1, 2.1.2, 2.1.5, 3.1.2, 3.1.5, 3.1.6, 3.1.7, 4.1.6, 4.1.7, 5.1.1, 5.1.2, 5.1.6, 6.1.1, 6.1.3, 6.1.4, 6.1.5, 6.1.6, 7.1.2, 7.1.4, 7.1.5, and 9.1.5. All ICP interference check sample %Rs met acceptance criteria.

11.2 Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable after integration of result qualification.

11.3 Comparability

Sampling frequency requirements were met in obtaining necessary field blanks and field duplicates. The laboratory used standard analytical methods for the analyses. The analytical results were reported in correct standard units. Sample preservation, and sample integrity criteria were met. All holding times were within QC criteria. The overall comparability is considered acceptable.

11.4 Completeness

Of the 4,450 total analytes reported, none of the sample results were rejected. The completeness for the soil remediation sampling event is as follows:

| Parameter | Total Analytes | No. of Rejects | % Completeness |
|---------------|----------------|----------------|----------------|
| VOCs | 486 | 0 | 100 |
| SVOCs | 626 | 0 | 100 |
| PAHs | 554 | 0 | 100 |
| Pesticides | 467 | 0 | 100 |
| PCDDs/PCDFs | 1,898 | 0 | 100 |
| Metals | 340 | 0 | 100 |
| Wet Chemistry | 61 | 0 | 100 |
| Asbestos | 18 | 0 | 100 |
| Total | 4,450 | 0 | 100 |

The completeness percentage based on rejected data met the 90 percent DQO goal.

12.0 CONCLUSIONS AND RECOMMENDATIONS

The analytical data quality assessment for the water sample laboratory analytical results generated during the Soil Remediation Completion Sampling at the Nevada Environmental Response Trust (NERT) site in Henderson, Nevada established that the overall project requirements and completeness levels were met. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Stage 2B and Stage 4 data validation all other results are considered valid and usable for all purposes.

13.0 REFERENCES

NDEP Data Verification and Validation Requirements - Supplement established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, April, 13, 2009,

Basic Remediation Company (BRC) Standard Operating Procedures, SOP-40 Data Review/Validation, Revision 4, May 2009,

Revised Phase B Quality Assurance Project Plan Tronox LLC Facility, Henderson, Nevada (QAPP), Revision, May 2009,

Region 9 Superfund Data Evaluation/Validation Guidance, R6QA/006.1, Draft, December 2001,

USEPA 2008. *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, June 2008.

USEPA 2010. *Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review*, January 2010.

USEPA 2005. *Contract Laboratory Program National Functional Guidelines for Polychlorinated Dioxin/Dibenzofuran Data Review*, September 2005.

Data Validation Guidance for Asbestos in Soils for the Basic Management Incorporated (BMI) Complex and Common Areas, July 2012.

_____,1983. *EPA Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Cincinnati, Ohio*, March 1983

_____,1996. *EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste, update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IV, February 2007*

Standard Method for the Examination of Water and Wastewater, 20th Edition, 1998

TABLE I

Sample Cross Reference

SDG#: 041103180

LDC#: 26468F

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn (6020) | Mg (6020) | CLO ₄ (314.0) | Asbestos (540-R) | | | |
|--------------------------|--------------|--------|----------------|-------------|--------------|-------------|----------------|---------------|-----------|-----------|-----------|--------------------------|------------------|--|--|--|
| SSAO5-09-0.0_01_BPC-A | 041103180-01 | soil | 02/11/11 | | | | | | | | | | X | | | |
| SSAO5-09-0.0_01_BPC_FD-A | 041103180-02 | soil | 02/11/11 | | | | | | | | | | X | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-12420-1

LDC#: 26468A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn (6020) | Mg (6020) | CLO ₄ (314.0) | | | | |
|------------------------|-------------|--------|----------------|-------------|--------------|-------------|----------------|---------------|-----------|-----------|-----------|--------------------------|--|--|--|--|
| SSAK2-02-0.0_01_BPC | 280-12420-1 | soil | 02/09/11 | | X | | | | X | | | | | | | |
| SSAJ2-07-2.0_01_BPC | 280-12420-2 | soil | 02/09/11 | | X | | | | X | | | | | | | |
| SSAO3-06-3.0_01_BPC | 280-12420-3 | soil | 02/09/11 | | | | | | X | X | | | | | | |
| SSAQ6-02-0.3_01_BPC | 280-12420-4 | soil | 02/09/11 | | X | | | | X | X | X | | | | | |
| SSAQ6-02-0.3_01_BPC FD | 280-12420-5 | soil | 02/09/11 | | X | | | | X | X | X | | | | | |
| SSAO5-08-3.0_01_BPC | 280-12420-6 | soil | 02/09/11 | | X | | | | X | | X | | | | | |
| SSAO6-06-1.0_01_BPC | 280-12420-7 | soil | 02/09/11 | | X | | | | X | X | X | | | | | |
| EB-02092011-SSAO6 | 280-12420-8 | water | 02/09/11 | | X | | | | X | X | X | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-12420-2

LDC#: 26468B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn (6020) | Mg (6020) | CLO ₄ (314.0) | | | | |
|---------------------|---------------|--------|----------------|-------------|--------------|-------------|----------------|---------------|-----------|-----------|-----------|--------------------------|--|--|--|--|
| SSAK2-02-0.0_01_BPC | 280-12420-1 | soil | 02/09/11 | | | | | | | | | X | | | | |
| SSAJ2-07-2.0_01_BPC | 280-12420-2 | soil | 02/09/11 | | | | | | | | | X | | | | |
| SSAO5-08-3.0_01_BPC | 280-12420-6 | soil | 02/09/11 | | | | | | | | | X | | | | |
| EB-02092011-SSAO6 | 280-12420-8EB | water | 02/09/11 | | | | | | | | | X | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-12451-1

LDC#: 26468C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn (6020) | Mg (6020) | CLO ₄ (314.0) | | | | |
|------------------------|---------------|--------|----------------|-------------|--------------|-------------|----------------|---------------|-----------|-----------|-----------|--------------------------|--|--|--|--|
| SSAI3-08-10.0_01_BPC | 280-12451-1 | soil | 02/11/11 | | X | | | | | | | | | | | |
| SSAJ3-10-0.0_01_BPC | 280-12451-2 | soil | 02/11/11 | | X | | | | | | | | | | | |
| SSAO5-09-0.0_01_BPC | 280-12451-3 | soil | 02/11/11 | | X | | | | X | X | X | | | | | |
| SSAO5-09-0.0_01_BPC FD | 280-12451-4FD | soil | 02/11/11 | | X | | | | X | X | X | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-14714-1

LDC#: 25422A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | SVOA (8270C-SIM) | Pest (8081A) | HCB (8081A) | Mg (6010B) | As Pb (6020) | | | | | | | | |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------|--------------|--|--|--|--|--|--|--|--|
| CS-C06-1 | 280-14714-1 | soil | 04/13/11 | | | X | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14716-1

LDC#: 25422B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | Pest (8081A) | Mn Mg (6010B) | As Pb (6020) | | | | | | | | | | |
|-------------|-------------|--------|----------------|--------------|---------------|--------------|--|--|--|--|--|--|--|--|--|--|
| DS-C39B-1 | 280-14716-1 | soil | 04/14/11 | X | X | X | | | | | | | | | | |
| DS-D27-1 | 280-14716-2 | soil | 04/14/11 | X | X | X | | | | | | | | | | |
| DS-D27-2 | 280-14716-3 | soil | 04/14/11 | X | X | X | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14718-1

LDC#: 25422C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | PAH (8270C-SIM) | Pest (8081A) | Mn Mg (6010B) | As Pb (6020) | | | | | | | | | |
|-------------|-------------|--------|----------------|-----------------|--------------|---------------|--------------|--|--|--|--|--|--|--|--|--|
| DS-E16-1 | 280-14718-1 | soil | 04/14/11 | X | X | X | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14868-1

LDC#: 25422D

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | SVOA (8270C-SIM) | Pest (8081A) | HCB (8081A) | Mg (6010B) | As Pb (6020) | | | | | | | | |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------|--------------|--|--|--|--|--|--|--|--|
| DS-C19-1 | 280-14868-1 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-C10A-1 | 280-14868-2 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-C10-1 | 280-14868-3 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-C25-1 | 280-14868-4 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-09A-1 | 280-14868-6 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-C11-1 | 280-14868-7 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-C08-1 | 280-14868-8 | soil | 04/20/11 | | | X | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = Validation was performed

SDG#: 280-14924-1

LDC#: 25422E

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | SVOA (8270C-SIM) | Pest (8081A) | HCB (8081A) | Mg (6010B) | As Pb (6020) | | | | | | | | |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------|--------------|--|--|--|--|--|--|--|--|
| DS-D23-1 | 280-14924-1 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-DC-1 | 280-14924-2 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-DB-1 | 280-14924-3 | soil | 04/20/11 | | | X | | | | | | | | | | |
| DS-DB-2 | 280-14924-4 | soil | 04/20/11 | | | X | | | | | | | | | | |
| CS-C07B-2 | 280-14924-5 | soil | 04/20/11 | | | X | | | | | | | | | | |
| CS-C07B-1 | 280-14924-6 | soil | 04/20/11 | | | X | | | | | | | | | | |
| CS-C05A-1 | 280-14924-7 | soil | 04/20/11 | | | X | | | | | | | | | | |
| CS-C08-2 | 280-14924-8 | soil | 04/20/11 | | | X | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = Validation was performed

SDG#: 280-16501-1

LDC#: 25643A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-E14B-1 | 280-16501-3 | soil | 06/02/11 | | | X | | | | X | | | | | | |
| CS-E14C-1 | 280-16501-7 | soil | 06/02/11 | | | | X | X | | X | | | | | | |
| CS-E16-1 | 280-16501-9 | soil | 06/02/11 | | | X | | | | X | X | X | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-16501-2

LDC#: 25626A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mn (6010B) | Co (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-E14A-3 | 280-16501-2 | soil | 06/02/11 | | | X | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-16501-3

LDC#: 25661A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| EE-E14-1 | 280-16501-1 | soil | 06/02/11 | | | X | | | | X | | | | | | |
| EE-E14B-1 | 280-16501-4 | soil | 06/02/11 | | | X | | | | X | | | | | | |
| EE-E14B-2 | 280-16501-5 | soil | 06/02/11 | | | X | | | | X | | | | | | |
| EB-E14B-1 | 280-16501-6 | water | 06/02/11 | | | X | | | | X | | | | | | |
| EE-E14C-1 | 280-16501-8 | soil | 06/02/11 | | | | X | X | | X | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = Validation was performed

SDG#: 280-16751-1

LDC#: 25706A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| SP-E14A-1A | 280-16751-1 | soil | 06/06/11 | X | | | | | | | | | | | | |
| SP-E14A-1C | 280-16751-2 | soil | 06/06/11 | X | | | | | | | | | | | | |
| SP-E14A-1B | 280-16751-3 | soil | 06/06/11 | X | | | | | | | | | | | | |
| SP-E14A-1D | 280-16751-4 | soil | 06/06/11 | X | | | | | | | | | | | | |
| SP-E14A-2A | 280-16751-5 | soil | 06/06/11 | X | | | | | | | | | | | | |
| SP-E14A-2B | 280-16751-6 | soil | 06/06/11 | X | | | | | | | | | | | | |
| SP-E14A-2C | 280-16751-7 | soil | 06/06/11 | X | | | | | | | | | | | | |
| SP-E14A-2D | 280-16751-8 | soil | 06/06/11 | X | | | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-17185-1

LDC#: 25757A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mg Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|--------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|---------------|------------|----------------|-----------------|--------------------------|------------|
| CS-C11-1 | 280-17185-3 | soil | 06/20/11 | | | | | | X | | | | | | | |
| CS-C15-1 | 280-17185-5 | soil | 06/20/11 | | | | X | | X | X | X | | | | | |
| DS-D11B-1 | 280-17185-8 | soil | 06/20/11 | | | | | | X | | | | | | | |
| CS-D17B-2 | 280-17185-10 | soil | 06/20/11 | | | | | | X | | | | | | | |
| CS-D24-2 | 280-17185-13 | soil | 06/20/11 | | | | | | | X | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-17185-2

LDC#: 25757B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| EE-CO9A-2 | 280-17185-1 | soil | 06/20/11 | | | | | | X | | | | | | | |
| EE-CO9A-3 | 280-17185-2 | soil | 06/20/11 | | | | | | X | | | | | | | |
| EE-C13-1 | 280-17185-4 | soil | 06/20/11 | | | | X | | X | X | X | | | | | |
| EE-C15-1 | 280-17185-6 | soil | 06/20/11 | | | | X | | X | X | X | | | | | |
| EE-C15-2 | 280-17185-7 | soil | 06/20/11 | | | | X | | X | X | X | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-17185-3

LDC#: 25778A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mg Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|---------------|------------|----------------|-----------------|--------------------------|------------|
| EB-C15-1 | 280-17185-9 | water | 06/20/11 | | | | | | X | | X | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17185-4

LDC#: 25757C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|--------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-D24-3 | 280-17185-14 | soil | 06/20/11 | | | | | | | X | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17228-1

LDC#: 25757D

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-C42-2 | 280-17228-1 | soil | 06/21/11 | | | | | | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17365-1/G1F250425

LDC#: 25778B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| EE-C24-1 | 280-17365-1 | soil | 06/23/11 | | | | X | | X | X | | | | | | |
| CS-C26-1 | 280-17365-2 | soil | 06/23/11 | | | | X | | X | X | X | | | | | |
| CS-C22A-1 | 280-17365-3 | soil | 06/23/11 | | | | | | | X | X | X | | | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-17578-1

LDC#: 25822A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mg (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-D23-1 | 280-17578-1 | soil | 06/30/11 | | | X | | | | X | X | | | | | |
| CS-D23-2 | 280-17578-2 | soil | 06/30/11 | | | X | | | | X | X | | | | | |
| CS-D23-3 | 280-17578-3 | soil | 06/30/11 | | | X | | | | X | X | | | | | |
| CS-D23-4 | 280-17578-4 | soil | 06/30/11 | | | X | | | | X | X | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = Validation was performed

SDG#: 280-17578-2

LDC#: 25822B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| EE-D25-2 | 280-17578-5 | soil | 06/30/11 | | | | | | | X | | | | | | |
| CS-C25-1 | 280-17578-6 | soil | 06/30/11 | | | X | X | | | X | X | | | | | |
| EE-C24-2 | 280-17578-7 | soil | 06/30/11 | | | X | X | | | X | X | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-17578-3

LDC#: 25882A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-C25-1 | 280-17578-6 | soil | 06/30/11 | | | | X | | | | | | | | | |
| EE-C24-2 | 280-17578-7 | soil | 06/30/11 | | | | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-17907-1

LDC#: 25882C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | TCLP VOA (8260B) | TCLP SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | Metals (SW846) | Cr (6020) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-------------|--------|----------------|------------------|-------------------|-------------|------------------|--------------|-------------|----------------|-----------|------------|----------------|-----------------|--------------------------|------------|
| CS-GWL-1 | 280-17907-1 | soil | 07/11/11 | | | | | | | | X | | | | X | |
| CS-GWL-2 | 280-17907-2 | soil | 07/11/11 | | | | | | | | X | | | | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: 280-18231-1

LDC#: 25926A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | Pest (8081A) | PCBs (8082) | Sulfur (6010B) | React. CN- (7.3.3) | React. S= (7.3.4) | | | | | | | | |
|-------------|-------------|--------|----------------|--------------|-------------|----------------|--------------------|-------------------|--|--|--|--|--|--|--|--|
| DS-D14-1 | 280-18231-1 | soil | 07/19/11 | X | | | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18231-2

LDC#: 25926B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | Pest (8081A) | PCBs (8082) | Sulfur (6010B) | React. CN- (7.3.3) | React. S= (7.3.4) | | | | | | | | |
|-------------|-------------|--------|----------------|--------------|-------------|----------------|--------------------|-------------------|--|--|--|--|--|--|--|--|
| CS-E11-3 | 280-18231-2 | soil | 07/19/11 | X | | | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18328-1

LDC#: 25926C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | HCB (8081A) | PCBs (8082) | Mn (6010B) | As, Pb (6020) | React. CN- (7.3.3) | React. S= (7.3.4) | | | | | | | |
|-------------|-------------|--------|----------------|-------------|-------------|------------|---------------|--------------------|-------------------|--|--|--|--|--|--|--|
| CS-E14C-2 | 280-18328-1 | soil | 07/21/11 | X | | X | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18594-1

LDC#: 25995A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | Pest (8081A) | Metals (6010B) | | | | | | | | | |
|-------------|-------------|--------|----------------|-------------|--------------|--------------|----------------|--|--|--|--|--|--|--|--|--|
| CS-C10B-1 | 280-18594-1 | soil | 07/28/11 | X | X | X | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18595-1

LDC#: 26010A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8270C) | Pest (8081A) | Mn (6010B) | As, Pb (6020) | | | | | | | | |
|-------------|-------------|--------|----------------|-------------|-------------|--------------|------------|---------------|--|--|--|--|--|--|--|--|
| DS-E14C-1 | 280-18595-1 | soil | 07/28/11 | | X | | X | X | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-19786-1

LDC#: 26219C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | SVOA (8270C-SIM) | HCB & Pest (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mg, Co (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|-------------|--------|----------------|------------------|--------------------|----------------|---------------|-----------|----------------|--------------------------|--|--|--|--|--|--|
| CS-D31A-1 | 280-19786-1 | soil | 08/31/11 | X | X | | | X | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1B110461**LDC#: 26468E**

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn (6020) | Mg (6020) | CLO ₄ (314.0) | | | | |
|------------------------|---------------|--------|----------------|-------------|--------------|-------------|----------------|---------------|-----------|-----------|-----------|--------------------------|--|--|--|--|
| SSAK2-02-0.0_01_BPC | G1B110461-001 | soil | 02/09/11 | | | | | X | | | | | | | | |
| SSAJ2-07-2.0_01_BPC | G1B110461-002 | soil | 02/09/11 | | | | | X | | | | | | | | |
| SSAQ6-02-0.3_01_BPC | G1B110461-003 | soil | 02/09/11 | | | | | X | | | | | | | | |
| SSAQ6-02-0.3_01_BPC_FD | G1B110461-004 | soil | 02/09/11 | | | | | X | | | | | | | | |
| SSAO5-08-3.0_01_BPC | G1B110461-005 | soil | 02/09/11 | | | | | X | | | | | | | | |
| SSAO6-06-1.0_01_BPC | G1B110461-006 | soil | 02/09/11 | | | | | X | | | | | | | | |
| EB-02092011-SSAO6 | G1B110461-007 | water | 02/09/11 | | | | | X | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1B120441

LDC#: 26468D

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn (6020) | Mg (6020) | CLO ₄ (314.0) | | | | |
|------------------------|---------------|--------|----------------|-------------|--------------|-------------|----------------|---------------|-----------|-----------|-----------|--------------------------|--|--|--|--|
| SSAI3-08-10.0_01_BPC | G1B120441-001 | soil | 02/11/11 | | | | | X | | | | | | | | |
| SSAJ3-10-0.0_01_BPC | G1B120441-002 | soil | 02/11/11 | | | | | X | | | | | | | | |
| SSAO5-09-0.0_01_BPC | G1B120441-003 | soil | 02/11/11 | | | | | X | | | | | | | | |
| SSAO5-09-0.0_01_BPC_FD | G1B120441-004 | soil | 02/11/11 | | | | | X | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1D150604

LDC#: 25490A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | SVOA (8270C-SIM) | Pest (8081A) | HCB (8081A) | Mg (6010B) | As Pb (6020) | Dioxins (8290) | | | | | | | |
|-------------|---------------|--------|----------------|------------------|--------------|-------------|------------|--------------|----------------|--|--|--|--|--|--|--|
| DS-C39B-1 | G1D150604-001 | soil | 04/14/11 | | | | | | X | | | | | | | |
| DS-D27-1 | G1D150604-002 | soil | 04/14/11 | | | | | | X | | | | | | | |
| DS-D27-2 | G1D150604-003 | soil | 04/14/11 | | | | | | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D150605

LDC#: 25490B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | SVOA (8270C-SIM) | Pest (8081A) | HCB (8081A) | Mg (6010B) | As Pb (6020) | Dioxins (8290) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|------------------|--------------|-------------|------------|--------------|----------------|--------------------------|--|--|--|--|--|--|
| DS-E16-1 | G1D150605-001 | soil | 04/14/11 | | | | | | X | X | | | | | | |
| CS-C06-1 | G1D150605-002 | soil | 04/13/11 | | | | | | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D210492

LDC#: 25490C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | (5) Metals (SW846) | As Pb (6020) | Dioxins (8290) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|------------------|--------------|-------------|--------------------|--------------|----------------|--------------------------|--|--|--|--|--|--|
| DS-C19-1 | G1D210492-001 | soil | 04/20/11 | X | | | X | | X | | | | | | | |
| DS-C10A-1 | G1D210492-002 | soil | 04/20/11 | | | | X | | X | X | | | | | | |
| DS-C10-1 | G1D210492-003 | soil | 04/20/11 | | | | X | | X | X | | | | | | |
| DS-C25-1 | G1D210492-004 | soil | 04/20/11 | X | | | X | | X | | | | | | | |
| DS-C23-1 | G1D210492-005 | soil | 04/20/11 | X | | | X | | X | X | | | | | | |
| DS-C09A-1 | G1D210492-006 | soil | 04/20/11 | | | | X | | X | | | | | | | |
| DS-C11-1 | G1D210492-007 | soil | 04/20/11 | | | | X | | X | | | | | | | |
| DS-C08-1 | G1D210492-008 | soil | 04/20/11 | | | | X | | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1D220435

LDC#: 25490E

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | Metals (SW846) | (5) Metals (SW846) | As (6020) | Mg (6010B) | Dioxins (8290) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|------------------|--------------|-------------|----------------|--------------------|-----------|------------|----------------|--------------------------|------------|
| DS-D23-1 | G1D220435-001 | soil | 04/20/11 | | | | | | | X | | | X | | |
| DS-DC-1 | G1D220435-002 | soil | 04/20/11 | | | X | | | | X | | | X | X | |
| DS-DB-1 | G1D220435-003 | soil | 04/20/11 | | | X | | | | X | | | X | X | |
| DS-DB-2 | G1D220435-004 | soil | 04/20/11 | | | X | | | | X | | | X | X | |
| CS-C01-1 | G1D220435-005 | soil | 04/20/11 | | | | | | | | X | X | | | |
| CS-C01-2 | G1D220435-006 | soil | 04/20/11 | | | | | | | | X | X | | | |
| EE-C01-1 | G1D220435-007 | soil | 04/20/11 | | | | | | | | X | X | | | |
| CS-C08-2 | G1D220435-008 | soil | 04/20/11 | | | | | | | | X | | X | | |
| CS-C07B-1 | G1D220435-009 | soil | 04/20/11 | | | | | | | | X | X | X | | |
| CS-C05A-1 | G1D220435-010 | soil | 04/20/11 | | | | | | | | | X | X | | |
| CS-C07B-2 | G1D220435-011 | soil | 04/20/11 | | | | | | | | X | X | X | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1D260453

LDC#: 25490D

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | Metals (SW846) | (5) Metals (SW846) | As Pb (6020) | Dioxins (8290) | CLO ₄ (314.0) | pH (9045C) | | |
|-------------|---------------|--------|----------------|-------------|--------------|------------------|--------------|-------------|----------------|--------------------|--------------|----------------|--------------------------|------------|--|--|
| DS-E14A-1 | G1D260453-001 | soil | 04/25/11 | X | X | | X | | X | | | X | | X | | |
| DS-E14A-2 | G1D260453-002 | soil | 04/25/11 | X | X | | X | | X | | | X | | X | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D280608

LDC#: 25490F

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | Metals (SW846) | (5) Metals SW846 | As (6020) | Mg (6010B) | Dioxins (8290) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|----------------|------------------|-----------|------------|----------------|--------------------------|------------|
| DS-D06A-1 | G1D280608-001 | soil | 04/28/11 | | X | | | | | | X | | | X | X | |
| CS-C09A-1 | G1D280608-002 | soil | 04/28/11 | | | X | | | | | | | | X | | |
| CS-C08-1 | G1D280608-003 | soil | 04/28/11 | | | X | | | | | | X | | X | | |
| CS-C07A-1 | G1D280608-004 | soil | 04/28/11 | | | X | | | | | | X | | X | | |
| EB-C07A-1 | G1D280608-005 | water | 04/28/11 | | | X | | | | | | X | | X | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1E040615

LDC#: 25490G

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | Metals (SW846) | (5) Metals SW846 | As (6020) | Mg (6010B) | Dioxins (8290) | CLO ₄ (314.0) | Dioxins (8280A) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|----------------|------------------|-----------|------------|----------------|--------------------------|-----------------|
| CS-DC-1 | G1E040615-001 | soil | 05/03/11 | | X | | X | | | | X | | | | X | X |
| CS-DC-2 | G1E040615-002 | soil | 05/03/11 | | X | | X | | | | X | | | | X | X |
| CS-DC-3 | G1E040615-003 | soil | 05/03/11 | | X | | X | | | | X | | | | X | X |
| DS-C18-1 | G1E040615-004 | soil | 05/04/11 | | | X | | | | | | X | X | X | X | |
| DS-C18-2 | G1E040615-005 | soil | 05/04/11 | | | X | | | | | | X | X | X | X | |
| DS-C17-1 | G1E040615-006 | soil | 05/04/11 | | | X | | | | | | X | X | | X | X |
| DS-C24-1 | G1E040615-007 | soil | 05/04/11 | | X | | X | | | | | X | X | | | |
| DS-C24-2 | G1E040615-008 | soil | 05/04/11 | | X | | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1E050547

LDC#: 25490H

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | Metals (SW846) | (5) Metals SW846 | As (6020) | Mg (6010B) | Dioxins (8290) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|----------------|------------------|-----------|------------|----------------|--------------------------|------------|
| CS-C30-1 | G1E050547-001 | soil | 05/04/11 | | | | | | | | | | | X | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E050552

LDC#: 254901

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | Metals (SW846) | (5) Metals SW846 | As,Pb (6020) | Mg (6010B) | Dioxins (8290) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|----------------|------------------|--------------|------------|----------------|--------------------------|------------|
| EE-E08A-1 | G1E050552-001 | soil | 05/04/11 | | | | | X | | | | X | | | X | |
| CS-E08B-1 | G1E050552-002 | soil | 05/04/11 | | | | | X | | | | X | | X | X | |
| CS-E11-1 | G1E050552-003 | soil | 05/04/11 | | | | | X | | | | X | | | X | |
| CS-E11-2 | G1E050552-004 | soil | 05/04/11 | | | | | X | | | | X | | X | X | |
| CS-E08A-1 | G1E050552-005 | soil | 05/04/11 | | | | | X | | | | X | | X | X | |
| EE-E09-1 | G1E050552-006 | soil | 05/04/11 | | | | | X | | | | X | | X | X | |
| EE-E08A-2 | G1E050552-007 | soil | 05/04/11 | | | | | X | | | | X | | | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1E110471

LDC#: 25490J

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | Metals (SW846) | (5) Metals SW846 | As,Pb (6020) | Mg (6010B) | Dioxins (8290) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|----------------|------------------|--------------|------------|----------------|--------------------------|------------|
| DS-D06A-2 | G1E110471-001 | soil | 05/10/11 | | X | | | | | | X | | | X | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E170481

LDC#: 25516A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mg (6010B) | Mn (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-C10A-1 | G1E170481-001 | soil | 05/17/11 | | | X | | | | X | X | | X | | X | |
| EE-C18-1 | G1E170481-002 | soil | 05/17/11 | | | X | X | | | X | X | X | | X | | |
| EE-C25-1 | G1E170481-003 | soil | 05/17/11 | | | X | X | | | X | | X | | | | |
| CS-D02-1 | G1E170481-004 | soil | 05/17/11 | | | X | | | | X | | | X | | X | |
| EE-D02-1 | G1E170481-005 | soil | 05/17/11 | | | X | | | | X | | | | X | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1E170482

LDC#: 25516B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mg (6010B) | Mn (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| EE-B21-1 | G1E170482-001 | soil | 05/17/11 | | | X | | | | X | | | | | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E180549

LDC#: 25561A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mg (6010B) | Mn (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-E14A-1 | G1E180549-001 | soil | 05/18/11 | X | | X | | | | X | X | | | X | | |
| CS-E14A-2 | G1E180549-002 | soil | 05/18/11 | X | | X | | | | X | X | | X | | | |
| EE-E14A-1 | G1E180549-003 | soil | 05/18/11 | X | | X | | | | X | X | | X | | | |
| EB-E14A-2 | G1E180549-004 | water | 05/18/11 | | | X | | | | X | X | | X | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1E180550

LDC#: 25561B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mn (6010B) | Co (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-C44-1 | G1E180550-001 | soil | 05/18/11 | | | X | | | | X | X | X | X | | | |
| EE-D25A-1 | G1E180550-002 | soil | 05/18/11 | | | | | | | X | | | X | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1F030418

LDC#: 25663A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCB (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCB (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|---------------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| EE-E14-1 | G1F030418-001 | soil | 06/02/11 | | | | | | | | | | | X | X | |
| CS-E14A-3 | G1F030418-002 | soil | 06/02/11 | | | | | | | | | | X | | | |
| CS-E14B-1 | G1F030418-003 | soil | 06/02/11 | | | | | | | | | | X | | X | |
| EE-E14B-1 | G1F030418-004 | soil | 06/02/11 | | | | | | | | | | | | X | |
| EE-E14B-2 | G1F030418-005 | soil | 06/02/11 | | | | | | | | | | | | X | |
| EB-E14B-1 | G1F030418-006 | water | 06/02/11 | | | | | | | | | | X | | X | |
| CS-E14C-1 | G1F030418-007 | soil | 06/02/11 | | | | | | | | | | X | | X | |
| EE-E14C-1 | G1F030418-008 | soil | 06/02/11 | | | | | | | | | | X | | X | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1F030428

LDC#: 25663B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | SVOA (8270C) | HCb (8270C) | PAHs (8270C-SIM) | Pest (8081A) | HCb (8081A) | As (6020) | Mn (6010B) | Pb (6010B) | Dioxins (8290) | Dioxins (8280A) | CLO ₄ (314.0) | pH (9045C) |
|-------------|-----------|--------|----------------|-------------|--------------|-------------|------------------|--------------|-------------|-----------|------------|------------|----------------|-----------------|--------------------------|------------|
| CS-DC-4 | G1F030428 | soil | 06/02/11 | | | | | | | | | | X | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F080418

LDC#: 26054A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8270C) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|------------|--------------------------|--|--|--|--|--|--|
| CS-C42-1 | G1F080418-001 | soil | 06/07/11 | | X | X | | X | | X | | | | | | |
| CS-DA-1 | G1F080418-002 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| CS-DB-2 | G1F080418-003 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| CS-D08-1 | G1F080418-004 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| CS-D10-1 | G1F080418-005 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| CS-D10A-1 | G1F080418-006 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| CS-D10B-1 | G1F080418-007 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| EE-DB-1 | G1F080418-008 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| EE-DB-2 | G1F080418-009 | soil | 06/07/11 | | X | | X | | X | | | | | | | |
| EE-D10-1 | G1F080418-010 | soil | 06/07/11 | | X | | X | | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1F080478

LDC#: 26054B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8270C) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|------------|--------------------------|--|--|--|--|--|--|
| CS-D24-1 | G1F080478-001 | soil | 06/08/11 | | | | | X | | | | | | | | |
| CS-D25-1 | G1F080478-002 | soil | 06/08/11 | | | | X | X | | | | | | | | |
| CS-D25-2 | G1F080478-003 | soil | 06/08/11 | | | | X | X | | | | | | | | |
| EE-D25-1 | G1F080478-004 | soil | 06/08/11 | | | | | X | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1F090500

LDC#: 26054C

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8270C) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|------------|--------------------------|--|--|--|--|--|--|
| CS-DB-1 | G1F090500-001 | soil | 06/09/11 | | X | | X | | X | | | | | | | |
| CS-DB-3 | G1F090500-002 | soil | 06/09/11 | | X | | X | | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F150410

LDC#: 26054D

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8270C) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|------------|--------------------------|--|--|--|--|--|--|
| CS-D17B-1 | G1F150410-001 | soil | 06/14/11 | | X | X | | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F160485

LDC#: 26054E

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | PAH (8270C-SIM) | Dioxin (8280A) | Dioxin (8290) | As, Pb (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-----------------|----------------|---------------|---------------|------------|--------------------------|--|--|--|--|--|--|
| CS-C23-1 | G1F160485-001 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| CS-C27-1 | G1F160485-002 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| CS-C27-2 | G1F160485-003 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| CS-C27-3 | G1F160485-004 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| EE-C20-1 | G1F160485-005 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| EE-C21-1 | G1F160485-006 | soil | 06/16/11 | | X | | | A | X | X | | | | | | |
| EE-C21-2 | G1F160485-007 | soil | 06/16/11 | | X | | | A | X | X | | | | | | |
| EE-C23-1 | G1F160485-008 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| EE-C27-1 | G1F160485-009 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| EE-C27-2 | G1F160485-010 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| EE-C27-3 | G1F160485-011 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| EE-C27-4 | G1F160485-012 | soil | 06/16/11 | | | | | X | X | X | | | | | | |
| EB-C27-1 | G1F160485-013 | water | 06/16/11 | | X | | | X | X | X | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1F200452

LDC#: 26077B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | PAHs (8270C-SIM) | Dioxin (8280A) | Dioxin (8290) | As, Pb (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|------------------|----------------|---------------|---------------|------------|--------------------------|--|--|--|--|--|--|
| EE-C09A-2 | G1G200452-001 | soil | 06/20/11 | | | | X | | | | | | | | | |
| EE-C09A-3 | G1G200452-002 | soil | 06/20/11 | | | | X | | | | | | | | | |
| CS-C11-1 | G1G200452-003 | soil | 06/20/11 | | | | X | | | | | | | | | |
| CS-C15-1 | G1G200452-004 | soil | 06/20/11 | | | | X | | | X | | | | | | |
| DS-D11B-1 | G1G200452-005 | soil | 06/20/11 | | | | X | | | | | | | | | |
| EB-C15-1 | G1G200452-006 | water | 06/20/11 | | | | X | | | | | | | | | |
| CS-D24-2 | G1G200452-007 | soil | 06/20/11 | | | | X | | | | | | | | | |
| CS-524-3 | G1G200452-008 | soil | 06/20/11 | | | | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1G010412

LDC#: 26054F

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | PAH (8270C-SIM) | Dioxin (8280A) | Dioxin (8290) | As, Pb (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-----------------|----------------|---------------|---------------|------------|--------------------------|--|--|--|--|--|--|
| CS-D23-1 | G1G010412-001 | soil | 06/30/11 | | | | X | | | | | | | | | |
| CS-D23-2 | G1G010412-002 | soil | 06/30/11 | | | | X | | | | | | | | | |
| CS-D23-3 | G1G010412-003 | soil | 06/30/11 | | | | X | | | | | | | | | |
| CS-D23-4 | G1G010412-004 | soil | 06/30/11 | | | | X | | | | | | | | | |
| EE-D25-2 | G1G010412-005 | soil | 06/30/11 | | | | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1G200427

LDC#: 26077A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | PAHs (8270C-SIM) | Dioxin (8280A) | Dioxin (8290) | As, Pb (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|------------------|----------------|---------------|---------------|------------|--------------------------|--|--|--|--|--|--|
| CS-E11-3 | G1G200427-001 | soil | 07/19/11 | | | | X | | | X | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1G290418

LDC#: 26061A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | PAHs (8270C-SIM) | Dioxin (8280A) | Dioxin (8290) | As, Pb (6020) | Mg (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|------------------|----------------|---------------|---------------|------------|--------------------------|--|--|--|--|--|--|
| CS-C10B-1 | G1G290418-001 | soil | 07/28/11 | | X | | X | | | X | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1H040461

LDC#: 26092A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn, Co (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|----------------|--------------------------|--|--|--|--|--|--|
| EB-D25A-1 | G1H040461-001 | water | 08/03/11 | | | | X | X | | | | | | | | |
| EB-C45-1 | G1H040461-002 | water | 08/03/11 | | X | | | X | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1H050420

LDC#: 26092B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mn, Co (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|----------------|--------------------------|--|--|--|--|--|--|
| CS-D25A-1 | G1H050420-001 | soil | 08/03/11 | | | | X | X | | | | | | | | |
| CS-D25A-2 | G1H050420-002 | soil | 08/03/11 | | | | X | X | | | | | | | | |
| CS-D25A-3 | G1H050420-003 | soil | 08/03/11 | | | | X | X | | | | | | | | |
| EE-D25A-2 | G1H050420-004 | soil | 08/03/11 | | | | | X | | | | | | | | |
| EE-D25A-3 | G1H050420-005 | soil | 08/03/11 | | | | | X | | | | | | | | |
| DS-C45-3 | G1H050420-006 | soil | 08/03/11 | | X | | | X | X | | | | | | | |
| DS-C45-2 | G1H050420-007 | soil | 08/03/11 | | X | | | X | X | | | | | | | |
| DS-C45-1 | G1H050420-008 | soil | 08/03/11 | | X | | | X | X | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

X = Validation was performed

SDG#: G1I010458

LDC#: 26219A

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mg, Co (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|----------------|--------------------------|--|--|--|--|--|--|
| DS-E14C-2 | G1I010458-001 | soil | 08/31/11 | | | | X | | | | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1I010460

LDC#: 26219B

Parameters/Analytical Method

| Client ID # | Lab ID # | Matrix | Date Collected | VOA (8260B) | HCB (8081A) | Dioxin (8280A) | Dioxin (8290) | As (6020) | Mg, Co (6010B) | CLO ₄ (314.0) | | | | | | |
|-------------|---------------|--------|----------------|-------------|-------------|----------------|---------------|-----------|----------------|--------------------------|--|--|--|--|--|--|
| CS-D31A-1 | G1I010460-001 | soil | 08/31/11 | | | | X | | | X | | | | | | |

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

TABLE II

Table II. Qualification Codes and Definitions

| Reason Code | Explanation |
|--------------------|---|
| a | qualified due to low abundance (radiochemical activity) |
| be | qualified due to equipment blank contamination |
| bf | qualified due to field blank contamination |
| bl | qualified due to lab blank contamination |
| bt | qualified due to trip blank contamination |
| bp | qualified due to pump blank contamination (wells w/o dedicated pumps, when contamination is detected in the Pump Blk) |
| br | qualified due to filter blank contamination (aqueous Hexavalent Chromium and Dissolved sample fractions) |
| c | qualified due to calibration problems |
| cp | qualified due to insufficient ingrowth (radiochemical only) |
| dc | duel column confirmation %D exceeded |
| e | concentration exceeded the calibration range |
| fd | qualified due to field duplicate imprecision |
| h | qualified due to holding time exceedance |
| i | qualified due to internal standard areas |
| k | qualified as Estimated Maximum Possible Concentrations (dioxins and PCB congeners) |
| l | qualified due to LCS recoveries |
| ld | qualified due to lab duplicate imprecision (matrix duplicate, MSD, LCSD) |
| m | qualified due to matrix spike recoveries |
| nb | qualified due to negative lab blank contamination (nondetect results only) |
| o | other |
| p | qualified as a false positive due to contamination during shipping |
| pH | sample preservation not within acceptance range |
| q | qualified due to quantitation problem |
| s | qualified due to surrogate recoveries |
| sd | serial dilution did not meet control criteria |
| sp | detected value reported >SQL <PQL |
| st | sample receipt temperature exceeded |
| t | qualified due to elevated helium tracer concentrations |
| vh | volatile headspace detected in aqueous sample containers submitted for VOC analysis |
| x | qualified due to low % solids |
| z | qualified due to ICS results |

TABLE III

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-------------|------------------|---------|-------------------|------------------------------------|------------|---------------|-------|----------------------|------------------------|
| 280-18594-1 | CS-C10B-1 | SW8260B | 75-09-2 | METHYLENE CHLORIDE | 1.7 | JB | ug/kg | J | bl |
| G1E180549 | CS-E14A-1 | SW8260B | 123-91-1 | 1,4-DIOXANE | 42 | U | ug/kg | UJ | c |
| G1E180549 | CS-E14A-1 | SW8260B | 75-65-0 | T-BUTANOL | 32 | U | ug/kg | UJ | c |
| G1E180549 | CS-E14A-2 | SW8260B | 630-20-6 | 1,1,1,2-TETRACHLOROETHANE | 0.43 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.38 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.72 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.47 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-34-3 | 1,1-DICHLOROETHANE | 0.31 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-35-4 | 1,1-DICHLOROETHENE | 0.27 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 563-58-6 | 1,1-DICHLOROPROPENE | 0.39 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 87-61-6 | 1,2,3-TRICHLOROBENZENE | 0.79 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 96-18-4 | 1,2,3-TRICHLOROPROPANE | 0.80 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 0.79 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.54 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 96-12-8 | 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 0.93 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 106-93-4 | 1,2-DIBROMOETHANE | 0.29 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 95-50-1 | 1,2-DICHLOROBENZENE | 0.68 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 107-06-2 | 1,2-DICHLOROETHANE | 0.77 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 78-87-5 | 1,2-DICHLOROPROPANE | 0.63 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.37 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 541-73-1 | 1,3-DICHLOROBENZENE | 0.32 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 142-28-9 | 1,3-DICHLOROPROPANE | 0.60 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 106-46-7 | 1,4-DICHLOROBENZENE | 0.82 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 123-91-1 | 1,4-DIOXANE | 41 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 594-20-7 | 2,2-DICHLOROPROPANE | 0.40 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 78-93-3 | 2-BUTANONE (MEK) | 1.5 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 95-49-8 | 2-CHLOROTOLUENE | 0.66 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 591-78-6 | 2-HEXANONE | 1.1 | J | ug/kg | J | i |
| G1E180549 | CS-E14A-2 | SW8260B | 106-43-4 | 4-CHLOROTOLUENE | 0.91 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 108-10-1 | 4-METHYL-2-PENTANONE (MIBK) | 0.97 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 67-64-1 | ACETONE | 11 | J | ug/kg | J | i |
| G1E180549 | CS-E14A-2 | SW8260B | 71-43-2 | BENZENE | 0.27 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 108-86-1 | BROMOBENZENE | 0.55 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 74-97-5 | BROMOCHLOROMETHANE | 0.99 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-27-4 | BROMODICHLOROMETHANE | 0.56 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-25-2 | BROMOFORM | 0.42 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 74-83-9 | BROMOMETHANE | 0.91 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 56-23-5 | CARBON TETRACHLORIDE | 0.56 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 108-90-7 | CHLOROBENZENE | 0.31 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-00-3 | CHLOROETHANE | 0.48 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 67-66-3 | CHLOROFORM | 0.27 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 74-87-3 | CHLOROMETHANE | 0.53 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.94 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.68 | U | ug/kg | UJ | i |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|---------|-------------------|------------------------------------|------------|---------------|-------|----------------------|------------------------|
| G1E180549 | CS-E14A-2 | SW8260B | 124-48-1 | DIBROMOCHLOROMETHANE | 0.22 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 74-95-3 | DIBROMOMETHANE | 0.61 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-71-8 | DICHLORODIFLUOROMETHANE | 0.94 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 108-20-3 | DIISOPROPYL ETHER | 5.3 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 87-68-3 | HEXACHLOROBUTADIENE | 0.77 | J | ug/kg | J | i |
| G1E180549 | CS-E14A-2 | SW8260B | 98-82-8 | ISOPROPYLBENZENE | 0.55 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 1634-04-4 | METHYL TERT-BUTYL ETHER (MTBE) | 0.63 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-09-2 | METHYLENE CHLORIDE | 0.89 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | M/P-XYLENE | M-XYLENE & P-XYLENE | 0.86 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 91-20-3 | NAPHTHALENE | 0.67 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 104-51-8 | N-BUTYLBENZENE | 0.70 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 103-65-1 | N-PROPYLBENZENE | 0.31 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 95-47-6 | O-XYLENE | 0.42 | J | ug/kg | J | i |
| G1E180549 | CS-E14A-2 | SW8260B | 99-87-6 | P-ISOPROPYLTOLUENE | 0.67 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 135-98-8 | SEC-BUTYLBENZENE | 0.79 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 100-42-5 | STYRENE | 0.33 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-65-0 | T-BUTANOL | 32 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 994-05-8 | TERT-AMYL METHYL ETHER | 5.3 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 637-92-3 | TERT-BUTYL ETHYL ETHER | 5.3 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 98-06-6 | TERT-BUTYLBENZENE | 0.57 | U | ug/kg | UJ | c,i |
| G1E180549 | CS-E14A-2 | SW8260B | 127-18-4 | TETRACHLOROETHENE | 0.65 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 108-88-3 | TOLUENE | 0.65 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.40 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.79 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 79-01-6 | TRICHLOROETHENE | 0.63 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-69-4 | TRICHLOROFUOROMETHANE (FREON 11) | 0.36 | U | ug/kg | UJ | i |
| G1E180549 | CS-E14A-2 | SW8260B | 75-01-4 | VINYL CHLORIDE | 0.38 | U | ug/kg | UJ | i |
| G1E180549 | EE-E14A-1 | SW8260B | 630-20-6 | 1,1,1,2-TETRACHLOROETHANE | 0.43 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 71-55-6 | 1,1,1-TRICHLOROETHANE | 0.38 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 79-34-5 | 1,1,2,2-TETRACHLOROETHANE | 0.71 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 79-00-5 | 1,1,2-TRICHLOROETHANE | 0.46 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-34-3 | 1,1-DICHLOROETHANE | 0.30 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-35-4 | 1,1-DICHLOROETHENE | 0.27 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 563-58-6 | 1,1-DICHLOROPROPENE | 0.39 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 87-61-6 | 1,2,3-TRICHLOROBENZENE | 0.78 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 96-18-4 | 1,2,3-TRICHLOROPROPANE | 0.80 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 120-82-1 | 1,2,4-TRICHLOROBENZENE | 1.5 | J | ug/kg | J- | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 0.53 | U | ug/kg | UJ | c,i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 96-12-8 | 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 0.92 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 106-93-4 | 1,2-DIBROMOETHANE | 0.28 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 95-50-1 | 1,2-DICHLOROBENZENE | 0.67 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 107-06-2 | 1,2-DICHLOROETHANE | 0.76 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 78-87-5 | 1,2-DICHLOROPROPANE | 0.63 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 108-67-8 | 1,3,5-TRIMETHYLBENZENE | 0.37 | U | ug/kg | UJ | c,i,s |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|---------|-------------------|--------------------------------|------------|---------------|-------|----------------------|------------------------|
| G1E180549 | EE-E14A-1 | SW8260B | 541-73-1 | 1,3-DICHLOROBENZENE | 0.31 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 142-28-9 | 1,3-DICHLOROPROPANE | 0.60 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 106-46-7 | 1,4-DICHLOROBENZENE | 0.82 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 123-91-1 | 1,4-DIOXANE | 41 | U | ug/kg | UJ | c,s |
| G1E180549 | EE-E14A-1 | SW8260B | 594-20-7 | 2,2-DICHLOROPROPANE | 0.40 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 78-93-3 | 2-BUTANONE (MEK) | 1.5 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 95-49-8 | 2-CHLOROTOLUENE | 0.65 | U | ug/kg | UJ | c,i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 591-78-6 | 2-HEXANONE | 0.77 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 106-43-4 | 4-CHLOROTOLUENE | 0.90 | U | ug/kg | UJ | c,i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 108-10-1 | 4-METHYL-2-PENTANONE (MIBK) | 0.96 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 67-64-1 | ACETONE | 1.5 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 71-43-2 | BENZENE | 0.27 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 108-86-1 | BROMOBENZENE | 0.54 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 74-97-5 | BROMOCHLOROMETHANE | 0.98 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-27-4 | BROMODICHLOROMETHANE | 0.55 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-25-2 | BROMOFORM | 0.42 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 74-83-9 | BROMOMETHANE | 0.90 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 56-23-5 | CARBON TETRACHLORIDE | 0.55 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 108-90-7 | CHLOROENZENE | 0.30 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-00-3 | CHLOROETHANE | 0.47 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 67-66-3 | CHLOROFORM | 0.27 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 74-87-3 | CHLOROMETHANE | 0.52 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 156-59-2 | CIS-1,2-DICHLOROETHENE | 0.93 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 10061-01-5 | CIS-1,3-DICHLOROPROPENE | 0.67 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 124-48-1 | DIBROMOCHLOROMETHANE | 0.22 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 74-95-3 | DIBROMOMETHANE | 0.61 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-71-8 | DICHLORODIFLUOROMETHANE | 0.93 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 108-20-3 | DIISOPROPYL ETHER | 5.2 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 87-68-3 | HEXACHLOROBUTADIENE | 2.2 | J | ug/kg | J- | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 98-82-8 | ISOPROPYL BENZENE | 0.54 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 1634-04-4 | METHYL TERT-BUTYL ETHER (MTBE) | 0.63 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-09-2 | METHYLENE CHLORIDE | 0.88 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | M/P-XYLENE | M-XYLENE & P-XYLENE | 0.85 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 91-20-3 | NAPHTHALENE | 0.66 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 104-51-8 | N-BUTYLBENZENE | 0.69 | U | ug/kg | UJ | c,i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 103-65-1 | N-PROPYLBENZENE | 0.30 | U | ug/kg | UJ | c,i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 95-47-6 | O-XYLENE | 0.35 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 99-87-6 | P-ISOPROPYLTOLUENE | 0.66 | U | ug/kg | UJ | i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 135-98-8 | SEC-BUTYLBENZENE | 0.78 | U | ug/kg | UJ | c,i,s |
| G1E180549 | EE-E14A-1 | SW8260B | 100-42-5 | STYRENE | 0.32 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-65-0 | T-BUTANOL | 31 | U | ug/kg | UJ | c,s |
| G1E180549 | EE-E14A-1 | SW8260B | 994-05-8 | TERT-AMYL METHYL ETHER | 5.2 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 637-92-3 | TERT-BUTYL ETHYL ETHER | 5.2 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 98-06-6 | TERT-BUTYLBENZENE | 0.57 | U | ug/kg | UJ | c,i,s |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-------------|------------------------|-------------|-------------------|-----------------------------------|------------|---------------|-------|----------------------|------------------------|
| G1E180549 | EE-E14A-1 | SW8260B | 127-18-4 | TETRACHLOROETHENE | 0.64 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 108-88-3 | TOLUENE | 0.64 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 156-60-5 | TRANS-1,2-DICHLOROETHENE | 0.40 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 10061-02-6 | TRANS-1,3-DICHLOROPROPENE | 0.78 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 79-01-6 | TRICHLOROETHENE | 0.63 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-69-4 | TRICHLOROFLUOROMETHANE (FREON 11) | 0.36 | U | ug/kg | UJ | s |
| G1E180549 | EE-E14A-1 | SW8260B | 75-01-4 | VINYL CHLORIDE | 0.38 | U | ug/kg | UJ | s |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC | SW8270C | 205-99-2 | Benzo[b]fluoranthene | 850 | | ug/kg | J | fd |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC | SW8270C | 218-01-9 | Chrysene | 470 | | ug/kg | J | fd |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC | SW8270C | 206-44-0 | Fluoranthene | 760 | | ug/kg | J | fd |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC | SW8270C | 129-00-0 | Pyrene | 590 | | ug/kg | J | fd |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC FD | SW8270C | 205-99-2 | Benzo[b]fluoranthene | 1600 | | ug/kg | J | fd |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC FD | SW8270C | 218-01-9 | Chrysene | 950 | | ug/kg | J | fd |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC FD | SW8270C | 206-44-0 | Fluoranthene | 1700 | | ug/kg | J | fd |
| 280-12420-1 | SSAQ6-02-0.3_01_BPC FD | SW8270C | 129-00-0 | Pyrene | 1300 | | ug/kg | J | fd |
| 280-12451-1 | SSAO5-09-0.0_01_BPC | SW8270C | 205-99-2 | Benzo[b]fluoranthene | 42 | JK | ug/kg | J | q |
| 280-12451-1 | SSAO5-09-0.0_01_BPC | SW8270C | 207-08-9 | Benzo[k]fluoranthene | 45 | U | ug/kg | UJ | q |
| 280-12451-1 | SSAO5-09-0.0_01_BPC FD | SW8270C | 205-99-2 | Benzo[b]fluoranthene | 43 | JK | ug/kg | J | q |
| 280-12451-1 | SSAO5-09-0.0_01_BPC FD | SW8270C | 207-08-9 | Benzo[k]fluoranthene | 46 | U | ug/kg | UJ | q |
| 280-16501-3 | EE-E14B-1 | SW8270C | 118-74-1 | Hexachlorobenzene | 33000 | | ug/kg | J | fd |
| 280-16501-3 | EE-E14B-2 | SW8270C | 118-74-1 | Hexachlorobenzene | 11000 | | ug/kg | J- | s,fd |
| G1E040615 | DS-C24-1 | SW8270C | 85-68-7 | Butyl Benzyl Phthalate | 15000 | Q | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C | 50-32-8 | Benzo(a)pyrene | 870 | | ug/kg | J | i |
| G1E040615 | DS-C24-2 | SW8270C | 205-99-2 | Benzo(b)fluoranthene | check | | ug/kg | J | i |
| G1E040615 | DS-C24-2 | SW8270C | 191-24-2 | Benzo(ghi)perylene | 790 | | ug/kg | J | i |
| G1E040615 | DS-C24-2 | SW8270C | 207-08-9 | Benzo(k)fluoranthene | 1400 | | ug/kg | J | i |
| G1E040615 | DS-C24-2 | SW8270C | 85-68-7 | Butyl Benzyl Phthalate | 98 | U | ug/kg | UJ | fd |
| G1E040615 | DS-C24-2 | SW8270C | 53-70-3 | Dibenzo(a,h)anthracene | 200 | J | ug/kg | J | i |
| G1E040615 | DS-C24-2 | SW8270C | 193-39-5 | Indeno(1,2,3-cd)pyrene | 870 | | ug/kg | J | i |
| 280-14718-1 | DS-E16-1 | SW8270C SIM | 205-99-2 | Benzo[b]fluoranthene | 85000 | K | ng/kg | J | q |
| 280-14718-1 | DS-E16-1 | SW8270C SIM | 207-08-9 | Benzo[k]fluoranthene | 150 | U K | ng/kg | UJ | q |
| 280-17578-2 | EE-C24-2 | SW8270C SIM | 205-99-2 | Benzo[b]fluoranthene | 140 | JK | ug/kg | J | q |
| 280-17578-2 | EE-C24-2 | SW8270C SIM | 207-08-9 | Benzo[k]fluoranthene | 40 | UK | ug/kg | UJ | q |
| G1E040615 | DS-C24-1 | SW8270C SIM | 56-55-3 | Benzo(a)anthracene | 360 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 50-32-8 | Benzo(a)pyrene | 460 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 205-99-2 | Benzo(b)fluoranthene | 900 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 191-24-2 | Benzo(ghi)perylene | 500 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 207-08-9 | Benzo(k)fluoranthene | 620 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 218-01-9 | Chrysene | 740 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 206-44-0 | Fluoranthene | 710 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 193-39-5 | Indeno(1,2,3-cd)pyrene | 450 | | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 85-01-8 | Phenanthrene | 180 | J | ug/kg | J | fd |
| G1E040615 | DS-C24-1 | SW8270C SIM | 129-00-0 | Pyrene | 720 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 56-55-3 | Benzo(a)anthracene | 900 | | ug/kg | J | fd |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-------------|------------------|-------------|-------------------|------------------------|------------|---------------|-------|----------------------|------------------------|
| G1E040615 | DS-C24-2 | SW8270C SIM | 50-32-8 | Benzo(a)pyrene | 930 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 205-99-2 | Benzo(b)fluoranthene | 1500 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 191-24-2 | Benzo(ghi)perylene | 780 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 207-08-9 | Benzo(k)fluoranthene | 1100 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 218-01-9 | Chrysene | 1400 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 206-44-0 | Fluoranthene | 1600 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 193-39-5 | Indeno(1,2,3-cd)pyrene | 710 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 85-01-8 | Phenanthrene | 590 | | ug/kg | J | fd |
| G1E040615 | DS-C24-2 | SW8270C SIM | 129-00-0 | Pyrene | 1700 | | ug/kg | J | fd |
| 280-14716-1 | DS-C39B-1 | SW8081A | 72-55-9 | 4,4'-DDE | 14 | | ug/kg | J+ | s |
| 280-14716-1 | DS-C39B-1 | SW8081A | 319-85-7 | beta-BHC | 27 | | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 72-54-8 | 4,4'-DDD | 2.7 | J P | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 72-55-9 | 4,4'-DDE | 81 | | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 50-29-3 | 4,4'-DDT | 14 | | ug/kg | J | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 309-00-2 | Aldrin | 0.25 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 319-84-6 | alpha-BHC | 0.80 | J | ug/kg | J | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 5103-71-9 | alpha-Chlordane | 0.32 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 319-85-7 | beta-BHC | 59 | | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 57-74-9 | Chlordane (technical) | 0.21 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 319-86-8 | delta-BHC | 0.39 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 60-57-1 | Dieldrin | 0.21 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 959-98-8 | Endosulfan I | 0.17 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 33213-65-9 | Endosulfan II | 0.28 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 1031-07-8 | Endosulfan sulfate | 0.27 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 72-20-8 | Endrin | 0.70 | J P | ug/kg | J | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 7421-93-4 | Endrin aldehyde | 0.17 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 53494-70-5 | Endrin ketone | 0.48 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 58-89-9 | gamma-BHC (Lindane) | 0.46 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 5103-74-2 | gamma-Chlordane | 0.26 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 76-44-8 | Heptachlor | 0.21 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 1024-57-3 | Heptachlor epoxide | 0.42 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 118-74-1 | Hexachlorobenzene | 74 | | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 72-43-5 | Methoxychlor | 0.44 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-1 | SW8081A | 8001-35-2 | Toxaphene | 16 | U | ug/kg | UJ | s |
| 280-14716-1 | DS-D27-2 | SW8081A | 72-54-8 | 4,4'-DDD | 1.4 | J | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-2 | SW8081A | 72-55-9 | 4,4'-DDE | 85 | | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-2 | SW8081A | 50-29-3 | 4,4'-DDT | 10 | | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-2 | SW8081A | 319-84-6 | alpha-BHC | 0.24 | J P ^ | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-2 | SW8081A | 319-85-7 | beta-BHC | 28 | | ug/kg | J+ | s |
| 280-14716-1 | DS-D27-2 | SW8081A | 118-74-1 | Hexachlorobenzene | 78 | | ug/kg | J+ | s |
| 280-14718-1 | DS-E16-1 | SW8081A | 72-54-8 | 4,4'-DDD | 0.66 | J P | ug/kg | J+ | s |
| 280-14718-1 | DS-E16-1 | SW8081A | 72-55-9 | 4,4'-DDE | 12 | P | ug/kg | J+ | s |
| 280-14718-1 | DS-E16-1 | SW8081A | 309-00-2 | Aldrin | 6.1 | P | ug/kg | J+ | s |
| 280-14718-1 | DS-E16-1 | SW8081A | 319-84-6 | alpha-BHC | 13 | P | ug/kg | J+ | s |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-------------|-------------------|---------|-------------------|-----------------------|------------|---------------|-------|----------------------|------------------------|
| 280-14718-1 | DS-E16-1 | SW8081A | 959-98-8 | Endosulfan I | 5.3 | P | ug/kg | J+ | s |
| 280-14718-1 | DS-E16-1 | SW8081A | 58-89-9 | gamma-BHC (Lindane) | 3.4 | | ug/kg | J+ | s |
| 280-14924-1 | CS-C05A-1 | SW8081A | 118-74-1 | Hexachlorobenzene | 0.48 | J B | ug/kg | J | bl |
| 280-14924-1 | DS-DB-2 | SW8081A | 118-74-1 | Hexachlorobenzene | 11 | B | ug/kg | J+ | s |
| 280-18231-1 | DS-D14-1 | SW8081A | 8001-35-2 | Toxaphene | 6700 | U* | ug/kg | UJ | c |
| 280-18321-2 | CS-E11-3 | SW8081A | 8001-35-2 | Toxaphene | 160 | U* | ug/kg | UJ | c |
| 280-18328-1 | CS-E14C-2 | SW8081A | 118-74-1 | Hexachlorobenzene | 5.7 | | ug/kg | J | s |
| G1D260453 | DS-E14A-1 | SW8081A | 319-84-6 | alpha-BHC | 1200 | J Q | ug/kg | J | o |
| G1D260453 | DS-E14A-1 | SW8081A | 72-43-5 | Methoxychlor | 1600 | U | ug/kg | UJ | c |
| G1D260453 | DS-E14A-2 | SW8081A | 72-43-5 | Methoxychlor | 2000 | U | ug/kg | UJ | c |
| G1E050552 | CS-E11-1 | SW8081A | 72-55-9 | 4,4'-DDE | 110 | U | ug/kg | UJ | c |
| G1E050552 | CS-E11-1 | SW8081A | 309-00-2 | Aldrin | 110 | U | ug/kg | UJ | c |
| G1E050552 | CS-E11-1 | SW8081A | 319-84-6 | alpha-BHC | 450 | J PG | ug/kg | J- | c |
| G1E050552 | CS-E11-1 | SW8081A | 5103-71-9 | alpha-Chlordane | 100 | U | ug/kg | UJ | c |
| G1E050552 | CS-E11-1 | SW8081A | 57-74-9 | Chlordane (technical) | 680 | U | ug/kg | UJ | c |
| G1E050552 | CS-E11-1 | SW8081A | 5566-34-7 | gamma-Chlordane | 28 | U | ug/kg | UJ | c |
| G1E040615 | CS-DC-1 | SW8280A | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 0.099 | J Q | ng/g | JK | k |
| G1E040615 | CS-DC-2 | SW8280A | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 0.35 | J Q | ng/g | JK | k |
| G1E040615 | CS-DC-2 | SW8280A | 40321-76-4 | 1,2,3,7,8-PeCDD | 0.11 | J Q | ng/g | JK | k |
| G1E050547 | CS-C30-1 | SW8280A | 39001-02-0 | OCDF | 68 | E | ng/g | J | e |
| G1E170481 | EE-C18-1 | SW8280A | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 4.7 | J Q | ng/g | JK | k |
| G1E170481 | EE-C18-1 | SW8280A | 40321-76-4 | 1,2,3,7,8-PeCDD | 0.50 | J Q | ng/g | JK | k |
| G1E170481 | EE-D02-1 | SW8280A | 40321-76-4 | 1,2,3,7,8-PeCDD | 0.59 | J Q | ng/g | JK | k |
| G1F030418 | EE-E14-1 | SW8280A | 39001-02-0 | OCDF | 530 | E | ng/g | J | e |
| G1F080418 | CS-C42-1 | SW8280A | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 0.70 | J | ng/g | J | i |
| G1F080418 | CS-C42-1 | SW8280A | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 7.7 | | ng/g | J | i |
| G1F080418 | CS-C42-1 | SW8280A | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 0.56 | U | ng/g | UJ | i |
| G1F080418 | CS-C42-1 | SW8280A | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 0.52 | U | ng/g | UJ | i |
| G1F080418 | CS-C42-1 | SW8280A | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 0.41 | U | ng/g | UJ | i |
| G1F080418 | CS-C42-1 | SW8280A | 57117-41-6 | 1,2,3,7,8-PeCDF | 2.3 | J | ng/g | J | i |
| G1F080418 | CS-C42-1 | SW8280A | 57117-31-4 | 2,3,4,7,8-PeCDF | 1.6 | J | ng/g | J | i |
| G1F080418 | CS-C42-1 | SW8280A | 51207-31-9 | 2,3,7,8-TCDF | 2.8 | | ng/g | J | i |
| G1F080418 | CS-C42-1 | SW8280A | 39001-02-0 | OCDF | 28 | | ng/g | J | i |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 2.2 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 9.5 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 3.4 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 0.70 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 4.9 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 0.75 | J Q B | pg/l | JK | bl,k |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 2.8 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 1.1 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 0.88 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 2.2 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 0.99 | J B | pg/l | J | bl |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 1.8 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 2.5 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 3268-87-9 | OCDD | 4.7 | J B | pg/l | J | bl |
| G1B110461 | EB-02092011-SSAO6 | SW8290 | 39001-02-0 | OCDF | 19 | J B | pg/l | J | bl |
| G1B110461 | SSAJ2-07-2.0_01_BPC | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 0.74 | J B | pg/g | J | bl |
| G1B110461 | SSAJ2-07-2.0_01_BPC | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 0.23 | J Q B | pg/g | JK | bl,k |
| G1B110461 | SSAJ2-07-2.0_01_BPC | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 0.44 | J B | pg/g | J | bl |
| G1B110461 | SSAJ2-07-2.0_01_BPC | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 0.36 | J Q B | pg/g | JK | bl,k |
| G1B110461 | SSAJ2-07-2.0_01_BPC | SW8290 | 3268-87-9 | OCDD | 0.94 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 0.26 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 0.63 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 0.070 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 0.62 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 0.12 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 0.52 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 0.12 | J Q B | pg/g | JK | bl,k |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 0.11 | J Q B | pg/g | JK | bl,k |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 0.33 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 0.15 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 0.19 | J B | pg/g | J | bl |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 0.42 | Q J | pg/g | JK | k |
| G1B110461 | SSAK2-02-0.0_01_BPC | SW8290 | 3268-87-9 | OCDD | 0.74 | J Q B | pg/g | JK | bl,k |
| G1B110461 | SSAO5-08-3.0_01_BPC | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 1.7 | J Q B | pg/g | JK | k |
| G1B110461 | SSAO5-08-3.0_01_BPC | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 1.1 | J Q B | pg/g | JK | k |
| G1B110461 | SSAO5-08-3.0_01_BPC | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.42 | J Q | pg/g | JK | k |
| G1B110461 | SSAO6-06-1.0_01_BPC | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 11000 | E B | pg/g | J | e |
| G1B110461 | SSAO6-06-1.0_01_BPC | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1300 | E G CON | pg/g | J | e |
| G1B110461 | SSAO6-06-1.0_01_BPC | SW8290 | 39001-02-0 | OCDF | 38000 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 8300 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 3800 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 3400 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 2500 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 1500 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1500 | E G CON | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC | SW8290 | 39001-02-0 | OCDF | 27000 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC_FD | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 7200 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC_FD | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 3200 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC_FD | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 2700 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC_FD | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 2100 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC_FD | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 1300 | E G B | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC_FD | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1300 | E G CON | pg/g | J | e |
| G1B110461 | SSAQ6-02-0.3_01_BPC_FD | SW8290 | 39001-02-0 | OCDF | 22000 | E G B | pg/g | J | e |
| G1B120441 | SSAI3-08-10.0_01_BPC | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 4800 | E | pg/g | J | e |
| G1B120441 | SSAI3-08-10.0_01_BPC | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 2300 | E | pg/g | J | e |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1B120441 | SSAI3-08-10.0_01_BPC | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 1400 | E | pg/g | J | e |
| G1B120441 | SSAI3-08-10.0_01_BPC | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 640 | CON E G | pg/g | J | e |
| G1B120441 | SSAI3-08-10.0_01_BPC | SW8290 | 39001-02-0 | OCDF | 8500 | E | pg/g | J | e |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 8.7 | B | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 110 | | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 56 | | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 50 | | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 33 | | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 5.6 | | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 11 | | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 12 | CON Q G | pg/g | JK | k |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 3268-87-9 | OCDD | 12 | B | pg/g | J | i |
| G1B120441 | SSAJ3-10-0.0_01_BPC | SW8290 | 39001-02-0 | OCDF | 280 | | pg/g | J | i |
| G1B120441 | SSAO5-09-0.0_01_BPC | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 240 | | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 230 | | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 350 | G | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 48 | | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1100 | CON E G | pg/g | J | e |
| G1B120441 | SSAO5-09-0.0_01_BPC_FD | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 320 | | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC_FD | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 290 | | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC_FD | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 450 | G | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC_FD | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 60 | | pg/g | J | fd |
| G1B120441 | SSAO5-09-0.0_01_BPC_FD | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1200 | E CON G | pg/g | J | e |
| G1D150604 | DS-C39B-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 66 | | pg/g | J+ | l |
| G1D150604 | DS-C39B-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 910 | CON | pg/g | J+ | l |
| G1D150604 | DS-C39B-1 | SW8290 | 39001-02-0 | OCDF | 39000 | E | pg/g | J | e |
| G1D150604 | DS-D27-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 31 | | pg/g | J+ | l |
| G1D150604 | DS-D27-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 700 | CON | pg/g | J+ | l |
| G1D150604 | DS-D27-1 | SW8290 | 39001-02-0 | OCDF | 25000 | E | pg/g | J | e |
| G1D150604 | DS-D27-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 78 | | pg/g | J+ | l |
| G1D150604 | DS-D27-2 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1200 | CON | pg/g | J+ | l |
| G1D150604 | DS-D27-2 | SW8290 | 3268-87-9 | OCDD | 1400 | | pg/g | J | i |
| G1D150604 | DS-D27-2 | SW8290 | 39001-02-0 | OCDF | 33000 | E G | pg/g | J | e,i |
| G1D150605 | CS-C06-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 1.3 | U | pg/g | UJ | i |
| G1D150605 | CS-C06-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 0.90 | J Q B | pg/g | JK | i,k |
| G1D150605 | CS-C06-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 0.73 | U | pg/g | UJ | i |
| G1D150605 | CS-C06-1 | SW8290 | 3268-87-9 | OCDD | 3.9 | Q J | pg/g | JK | bl,i,k |
| G1D150605 | CS-C06-1 | SW8290 | 39001-02-0 | OCDF | 3.3 | U | pg/g | UJ | i |
| G1D150605 | DS-E16-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 120 | | pg/g | J+ | c |
| G1D150605 | DS-E16-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 74 | | pg/g | J+ | l |
| G1D150605 | DS-E16-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1400 | CON | pg/g | J+ | l |
| G1D150605 | DS-E16-1 | SW8290 | 39001-02-0 | OCDF | 540000 | E G | pg/g | J | e |
| G1D210492 | DS-C08-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 41000 | E G B | pg/g | J | e |
| G1D210492 | DS-C08-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 2700 | E G CON | pg/g | J | e |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1D210492 | DS-C08-1 | SW8290 | 39001-02-0 | OCDF | 100000 | E G B | pg/g | J | e |
| G1D210492 | DS-C09A-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 760 | E CON | pg/g | J | e |
| G1D210492 | DS-C10-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 6700 | E G B | pg/g | J | e |
| G1D210492 | DS-C10-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 2600 | E G B | pg/g | J | e |
| G1D210492 | DS-C10-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 2500 | E G B | pg/g | J | e |
| G1D210492 | DS-C10-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1300 | E G B | pg/g | J | e |
| G1D210492 | DS-C10-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 1200 | E G | pg/g | J | e |
| G1D210492 | DS-C10-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 530 | E CON | pg/g | J | e |
| G1D210492 | DS-C10A-1 | SW8290 | 39001-02-0 | OCDF | 17000 | E G B | pg/g | J | e |
| G1D210492 | DS-C10A-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 60000 | E B | pg/g | J | e |
| G1D210492 | DS-C10A-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 29000 | E G B | pg/g | J | e |
| G1D210492 | DS-C10A-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 1600 | E G H | pg/g | J | e |
| G1D210492 | DS-C10A-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 1700 | E G H | pg/g | J | e |
| G1D210492 | DS-C10A-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 4200 | E G CON | pg/g | J | e |
| G1D210492 | DS-C10A-1 | SW8290 | 39001-02-0 | OCDF | 120000 | E G B | pg/g | J | e |
| G1D210492 | DS-C11-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 4100 | E G B | pg/g | J | e |
| G1D210492 | DS-C11-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 1700 | E G B | pg/g | J | e |
| G1D210492 | DS-C11-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1500 | E G B | pg/g | J | e |
| G1D210492 | DS-C11-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 400 | E CON | pg/g | J | e |
| G1D210492 | DS-C11-1 | SW8290 | 39001-02-0 | OCDF | 15000 | E G B | pg/g | J | e |
| G1D210492 | DS-C19-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 5700 | E B | pg/g | J | e |
| G1D210492 | DS-C19-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 2100 | E G B | pg/g | J | e |
| G1D210492 | DS-C19-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 2000 | E G B | pg/g | J | e |
| G1D210492 | DS-C19-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1200 | E G B | pg/g | J | e |
| G1D210492 | DS-C19-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 510 | E CON | pg/g | J | e |
| G1D210492 | DS-C19-1 | SW8290 | 39001-02-0 | OCDF | 19000 | E G B | pg/g | J | e |
| G1D220435 | CS-C05A-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 1.5 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 19 | B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 6.6 | B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 0.21 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 7.8 | B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 0.48 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 5.1 | B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.43 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 0.86 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PECDD | 0.28 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 3.6 | B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 1.1 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 1.9 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.098 | J Q B | pg/g | JK | bl,k |
| G1D220435 | CS-C05A-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1.6 | CON B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 3268-87-9 | OCDD | 2.6 | J B | pg/g | J | bl |
| G1D220435 | CS-C05A-1 | SW8290 | 39001-02-0 | OCDF | 50 | B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 2.6 | B | pg/g | J | bl |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1D220435 | CS-C07B-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 0.27 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 0.69 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.61 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PECDD | 0.53 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 5.9 | B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 1.7 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 3.4 | B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.25 | J Q B | pg/g | JK | bl,k |
| G1D220435 | CS-C07B-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 2.6 | CON B | pg/g | J | bl |
| G1D220435 | CS-C07B-1 | SW8290 | 3268-87-9 | OCDD | 4.7 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-2 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 0.46 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-2 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 1.0 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-2 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.80 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-2 | SW8290 | 40321-76-4 | 1,2,3,7,8-PECDD | 0.74 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.30 | J B | pg/g | J | bl |
| G1D220435 | CS-C07B-2 | SW8290 | 3268-87-9 | OCDD | 11 | B | pg/g | J | bl |
| G1D220435 | CS-C08-2 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 210 | E CON B | pg/g | J | e |
| G1D220435 | CS-C08-2 | SW8290 | 3268-87-9 | OCDD | 9.3 | B | pg/g | J | bl |
| G1D220435 | DS-D23-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 12000000 | E G B | pg/g | J | e |
| G1D220435 | DS-D23-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 4400000 | E G B | pg/g | J | e |
| G1D220435 | DS-D23-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 4300000 | E G B | pg/g | J | e |
| G1D220435 | DS-D23-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 2600000 | E G B | pg/g | J | e |
| G1D220435 | DS-D23-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 2200000 | E G B | pg/g | J | e |
| G1D220435 | DS-D23-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 780000 | E B CON | pg/g | J | e |
| G1D220435 | DS-D23-1 | SW8290 | 39001-02-0 | OCDF | 30000000 | E G B | pg/g | J | e |
| G1D220435 | DS-DB-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 3800 | B | pg/g | J | c,fd |
| G1D220435 | DS-DB-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 27000 | E B | pg/g | J | e,fd |
| G1D220435 | DS-DB-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 11000 | B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 610 | B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 14000 | G B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 1100 | B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 7500 | G B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 990 | B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 1100 | G B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PECDD | 700 | B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 7400 | G B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 1700 | G B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 4000 | G B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 260 | B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 5000 | E CON B | pg/g | J | e,fd |
| G1D220435 | DS-DB-1 | SW8290 | 3268-87-9 | OCDD | 3800 | B | pg/g | J | fd |
| G1D220435 | DS-DB-1 | SW8290 | 39001-02-0 | OCDF | 100000 | E B | pg/g | J | e,fd |
| G1D220435 | DS-DB-2 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 1100 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 3200 | E B | pg/g | J | e,fd |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1D220435 | DS-DB-2 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 830 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 99 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1800 | E B | pg/g | J | e,fd |
| G1D220435 | DS-DB-2 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 350 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1100 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 350 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 110 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 40321-76-4 | 1,2,3,7,8-PECDD | 170 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 1100 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 290 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 650 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 35 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 400 | CON B E | pg/g | J | e,fd |
| G1D220435 | DS-DB-2 | SW8290 | 3268-87-9 | OCDD | 1000 | B | pg/g | J | fd |
| G1D220435 | DS-DB-2 | SW8290 | 39001-02-0 | OCDF | 12000 | E B | pg/g | J | e,fd |
| G1D220435 | DS-DC-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 2000 | E B | pg/g | J | e |
| G1D220435 | DS-DC-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 7200 | E B | pg/g | J | e |
| G1D220435 | DS-DC-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 2500 | E B | pg/g | J | e |
| G1D220435 | DS-DC-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 3900 | E B | pg/g | J | e |
| G1D220435 | DS-DC-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 2300 | E B | pg/g | J | e |
| G1D220435 | DS-DC-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 2300 | E B | pg/g | J | e |
| G1D220435 | DS-DC-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 690 | CON E B | pg/g | J | e |
| G1D220435 | DS-DC-1 | SW8290 | 39001-02-0 | OCDF | 29000 | E B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 570000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 4300000 | E G B S | pg/g | J | e,l |
| G1D260453 | DS-E14A-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 3400000 | E G B S | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1900000 | E G Q B | pg/g | JK | e,k,l |
| G1D260453 | DS-E14A-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 170000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1700000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 140000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 330000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PECDD | 120000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 1800000 | E G B | pg/g | J | e,l |
| G1D260453 | DS-E14A-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 410000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 970000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 43000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1100000 | E G CON | pg/g | J | e,l |
| G1D260453 | DS-E14A-1 | SW8290 | 3268-87-9 | OCDD | 490000 | E G B S | pg/g | J | e |
| G1D260453 | DS-E14A-1 | SW8290 | 39001-02-0 | OCDF | 8500000 | E G B S | pg/g | J | e,l |
| G1D260453 | DS-E14A-2 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 360000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 3200000 | E G B S | pg/g | J | e,l |
| G1D260453 | DS-E14A-2 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 2100000 | E G B S | pg/g | J | e |
| G1D260453 | DS-E14A-2 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1600000 | E G B | pg/g | J | e,l |
| G1D260453 | DS-E14A-2 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1000000 | E G B | pg/g | J | e |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1D260453 | DS-E14A-2 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 250000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-2 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 950000 | E G B | pg/g | J | e,l |
| G1D260453 | DS-E14A-2 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 220000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-2 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 380000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 26000 | E G B | pg/g | J | e |
| G1D260453 | DS-E14A-2 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 650000 | E G CON | pg/g | J | e,l |
| G1D260453 | DS-E14A-2 | SW8290 | 3268-87-9 | OCDD | 330000 | E B SAT | pg/g | J | e |
| G1D260453 | DS-E14A-2 | SW8290 | 39001-02-0 | OCDF | 6600000 | E G B S | pg/g | J | e,l |
| G1D280608 | CS-C07A-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.70 | J B | pg/g | J | bl |
| G1D280608 | CS-C07A-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 4.3 | B | pg/g | J | be,bl |
| G1D280608 | CS-C07A-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 1.8 | J B | pg/g | J | bl |
| G1D280608 | CS-C07A-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 2.0 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C07A-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 0.21 | J Q | pg/g | JK | k |
| G1D280608 | CS-C07A-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1.7 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C07A-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.18 | J B | pg/g | J | bl |
| G1D280608 | CS-C07A-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 3.7 | CON | pg/g | J- | c |
| G1D280608 | CS-C07A-1 | SW8290 | 3268-87-9 | OCDD | 2.9 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C07A-1 | SW8290 | 39001-02-0 | OCDF | 8.4 | B | pg/g | J | be,bl |
| G1D280608 | CS-C08-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.65 | J B | pg/g | J | bl |
| G1D280608 | CS-C08-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 4.6 | | pg/g | J | be,bl |
| G1D280608 | CS-C08-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 1.6 | J B | pg/g | J | bl |
| G1D280608 | CS-C08-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1.5 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C08-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1.3 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C08-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.32 | J B | pg/g | J | bl |
| G1D280608 | CS-C08-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1.1 | CON | pg/g | J- | c |
| G1D280608 | CS-C08-1 | SW8290 | 3268-87-9 | OCDD | 2.2 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C08-1 | SW8290 | 39001-02-0 | OCDF | 13 | B | pg/g | J | be,bl |
| G1D280608 | CS-C09A-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.90 | J B | pg/g | J | bl |
| G1D280608 | CS-C09A-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 5.2 | B | pg/g | J | be,bl |
| G1D280608 | CS-C09A-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 2.4 | J B | pg/g | J | bl |
| G1D280608 | CS-C09A-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1.7 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C09A-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 1.3 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C09A-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.18 | J Q B | pg/g | JK | bl,k |
| G1D280608 | CS-C09A-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.27 | J Q | pg/g | JK | k |
| G1D280608 | CS-C09A-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1.2 | CON | pg/g | J- | c |
| G1D280608 | CS-C09A-1 | SW8290 | 3268-87-9 | OCDD | 2.8 | J B | pg/g | J | be,bl |
| G1D280608 | CS-C09A-1 | SW8290 | 39001-02-0 | OCDF | 14 | B | pg/g | J | be,bl |
| G1D280608 | DS-D06A-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 4.3 | J Q | pg/g | JK | k |
| G1D280608 | DS-D06A-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 59 | CON | pg/g | J- | c |
| G1D280608 | EB-C07A-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 5.3 | J Q B | pg/l | JK | bl,k |
| G1D280608 | EB-C07A-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 2.6 | J Q | pg/l | JK | k |
| G1D280608 | EB-C07A-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 2.4 | J Q | pg/l | JK | k |
| G1D280608 | EB-C07A-1 | SW8290 | 3268-87-9 | OCDD | 8.9 | J B | pg/l | J | bl |
| G1D280608 | EB-C07A-1 | SW8290 | 39001-02-0 | OCDF | 6.5 | J Q B | pg/l | JK | bl,k |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1E040615 | DS-C18-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.34 | J Q B | pg/g | JK | bl,i,k |
| G1E040615 | DS-C18-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 1.4 | J B | pg/g | J | i |
| G1E040615 | DS-C18-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 0.40 | J Q B | pg/g | JK | bl,i,k |
| G1E040615 | DS-C18-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 0.13 | J Q | pg/g | JK | k |
| G1E040615 | DS-C18-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 0.91 | J Q B | pg/g | JK | bl,k |
| G1E040615 | DS-C18-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 0.22 | J Q | pg/g | JK | k |
| G1E040615 | DS-C18-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 0.28 | J Q B | pg/g | JK | bl,k |
| G1E040615 | DS-C18-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 0.21 | J Q B | pg/g | JK | bl,k |
| G1E040615 | DS-C18-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 1.1 | J Q | pg/g | JK | k |
| G1E040615 | DS-C18-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 0.34 | J Q | pg/g | JK | k |
| G1E040615 | DS-C18-1 | SW8290 | 3268-87-9 | OCDD | 3.6 | J B | pg/g | J | bl,i |
| G1E040615 | DS-C18-1 | SW8290 | 39001-02-0 | OCDF | 2.7 | J B | pg/g | J | i |
| G1E040615 | DS-C18-2 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.57 | J B | pg/g | J | bl |
| G1E040615 | DS-C18-2 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 0.83 | J Q B | pg/g | JK | k |
| G1E040615 | DS-C18-2 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 0.25 | J B | pg/g | J | bl |
| G1E040615 | DS-C18-2 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.27 | J B | pg/g | J | bl |
| G1E040615 | DS-C18-2 | SW8290 | 3268-87-9 | OCDD | 2.8 | J B | pg/g | J | bl,i |
| G1E040615 | DS-C18-2 | SW8290 | 39001-02-0 | OCDF | 4.6 | J B | pg/g | J | i |
| G1E050552 | CS-E08A-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 0.44 | J Q | pg/g | JK | k |
| G1E050552 | CS-E08A-1 | SW8290 | 3268-87-9 | OCDD | 7.6 | B | pg/g | J | i |
| G1E050552 | CS-E08A-1 | SW8290 | 39001-02-0 | OCDF | 130 | B | pg/g | J | i |
| G1E050552 | CS-E11-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 130000 | G Q | pg/g | JK | k |
| G1E050552 | CS-E11-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PECDD | 3500 | Q | pg/g | JK | k |
| G1E050552 | CS-E11-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 1200 | Q | pg/g | JK | k |
| G1E050552 | EE-E08A-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 2000 | J Q | pg/g | JK | k |
| G1E050552 | EE-E08A-2 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 6400 | J Q | pg/g | JK | k |
| G1E050552 | EE-E08A-2 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 2000 | J Q | pg/g | JK | k |
| G1E050552 | EE-E09-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 2700 | E G | pg/g | J | e |
| G1E050552 | EE-E09-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 1300 | E G | pg/g | J | e |
| G1E050552 | EE-E09-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1700 | E G | pg/g | J | e |
| G1E050552 | EE-E09-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 540 | E G CON | pg/g | J | e |
| G1E050552 | EE-E09-1 | SW8290 | 39001-02-0 | OCDF | 8600 | E B | pg/g | J | e |
| G1E110471 | DS-D06A-2 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 0.44 | J Q | pg/g | JK | k |
| G1E110471 | DS-D06A-2 | SW8290 | 3268-87-9 | OCDD | 2.9 | J B | pg/g | J+ | c |
| G1E110471 | DS-D06A-2 | SW8290 | 39001-02-0 | OCDF | 6.8 | J B | pg/g | J+ | c |
| G1E170481 | CS-C10A-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 2.0 | J Q | pg/g | JK | k |
| G1E170481 | CS-C10A-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 3.9 | J Q | pg/g | JK | k |
| G1E170481 | CS-C10A-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.91 | J Q | pg/g | JK | k |
| G1E180549 | CS-E14A-2 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 1.1 | J Q | pg/g | JK | k |
| G1E180549 | CS-E14A-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.48 | J Q | pg/g | JK | k |
| G1E180549 | CS-E14A-2 | SW8290 | 3268-87-9 | OCDD | 10 | J B | pg/g | J | bl |
| G1E180549 | EB-E14A-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 1.0 | J Q B | pg/l | JK | bl,k |
| G1E180549 | EB-E14A-2 | SW8290 | 3268-87-9 | OCDD | 11 | J B | pg/l | J | bl |
| G1E180550 | CS-C44-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.70 | J B | pg/g | J | bl |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1E180550 | CS-C44-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 2.6 | J B | pg/g | J | bl |
| G1E180550 | CS-C44-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 1.3 | J Q B | pg/g | JK | bl,k |
| G1E180550 | CS-C44-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 2.6 | J B | pg/g | J | bl |
| G1E180550 | CS-C44-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 0.26 | J Q | pg/g | JK | k |
| G1E180550 | CS-C44-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 0.77 | J B | pg/g | J | bl |
| G1E180550 | CS-C44-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 1.5 | J B | pg/g | J | bl |
| G1E180550 | CS-C44-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.20 | J Q B | pg/g | JK | bl,k |
| G1E180550 | CS-C44-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 0.57 | J Q | pg/g | JK | k |
| G1E180550 | CS-C44-1 | SW8290 | 3268-87-9 | OCDD | 2.4 | J B | pg/g | J | bl |
| G1E180550 | CS-C44-1 | SW8290 | 39001-02-0 | OCDF | 4.6 | J B | pg/g | J | bl |
| G1F030418 | CS-E14A-3 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 1.8 | J Q | pg/g | JK | k |
| G1F030418 | CS-E14A-3 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 12 | J B | pg/g | J | bl |
| G1F030418 | CS-E14A-3 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 4.5 | J Q B | pg/g | JK | bl,k |
| G1F030418 | CS-E14A-3 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 6.2 | J B | pg/g | J | bl,c |
| G1F030418 | CS-E14A-3 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 3.4 | J B | pg/g | J | bl,c |
| G1F030418 | CS-E14A-3 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 0.84 | J | pg/g | J+ | c |
| G1F030418 | CS-E14A-3 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.75 | J Q | pg/g | JK | c,k |
| G1F030418 | CS-E14A-3 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 1.5 | J Q | pg/g | JK | k |
| G1F030418 | CS-E14A-3 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 5.5 | J CON B | pg/g | J | bl |
| G1F030418 | CS-E14A-3 | SW8290 | 3268-87-9 | OCDD | 3.6 | J B | pg/g | J | bl |
| G1F030418 | CS-E14B-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.76 | U | pg/g | UJ | i |
| G1F030418 | CS-E14B-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 2.8 | J B | pg/g | J | i |
| G1F030418 | CS-E14B-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 1.5 | J | pg/g | J | i |
| G1F030418 | CS-E14B-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 0.94 | J Q B | pg/g | JK | k |
| G1F030418 | CS-E14B-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.56 | J Q | pg/g | JK | k |
| G1F030418 | CS-E14B-1 | SW8290 | 3268-87-9 | OCDD | 3.1 | J B | pg/g | J | bl,i |
| G1F030418 | CS-E14B-1 | SW8290 | 39001-02-0 | OCDF | 13 | B | pg/g | J | i |
| G1F030418 | CS-E14C-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 1.1 | J Q B | pg/g | JK | i,k |
| G1F030418 | CS-E14C-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 11 | B | pg/g | J | i |
| G1F030418 | CS-E14C-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 6.7 | | pg/g | J | i |
| G1F030418 | CS-E14C-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HXCDD | 0.25 | J Q | pg/g | JK | i,k |
| G1F030418 | CS-E14C-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 6.3 | B | pg/g | J | i |
| G1F030418 | CS-E14C-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 0.40 | J Q | pg/g | JK | i,k |
| G1F030418 | CS-E14C-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 2.8 | J B | pg/g | J | i |
| G1F030418 | CS-E14C-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.28 | J Q | pg/g | JK | i,k |
| G1F030418 | CS-E14C-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 0.58 | U | pg/g | UJ | i |
| G1F030418 | CS-E14C-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.62 | J | pg/g | J | i |
| G1F030418 | CS-E14C-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PECDF | 1.4 | J Q | pg/g | JK | k |
| G1F030418 | CS-E14C-1 | SW8290 | 3268-87-9 | OCDD | 3.6 | J B | pg/g | J | bl,i |
| G1F030418 | CS-E14C-1 | SW8290 | 39001-02-0 | OCDF | 33 | B | pg/g | J | i |
| G1F030418 | EB-E14B-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 9.3 | J Q B | pg/l | JK | bl,k |
| G1F030418 | EB-E14B-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 7.0 | J B | pg/l | J | bl |
| G1F030418 | EB-E14B-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 12 | J Q | pg/l | JK | k |
| G1F030418 | EB-E14B-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 5.1 | J Q | pg/l | JK | k |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1F030418 | EB-E14B-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 3.2 | J Q | pg/l | JK | k |
| G1F030418 | EB-E14B-1 | SW8290 | 39001-02-0 | OCDF | 12 | J Q | pg/l | JK | k |
| G1F030418 | EE-E14C-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 0.79 | J B | pg/g | J | bl,i |
| G1F030418 | EE-E14C-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HPCDF | 1.4 | J Q B | pg/g | JK | bl,i,k |
| G1F030418 | EE-E14C-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HPCDF | 1.1 | J | pg/g | J | i |
| G1F030418 | EE-E14C-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HXCDF | 1.2 | J B | pg/g | J | bl |
| G1F030418 | EE-E14C-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HXCDD | 0.21 | J Q | pg/g | JK | k |
| G1F030418 | EE-E14C-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 0.37 | J Q B | pg/g | JK | bl,k |
| G1F030418 | EE-E14C-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PECDF | 0.57 | J Q | pg/g | JK | k |
| G1F030418 | EE-E14C-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.30 | J Q | pg/g | JK | k |
| G1F030418 | EE-E14C-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 0.63 | J Q | pg/g | JK | k |
| G1F030418 | EE-E14C-1 | SW8290 | 3268-87-9 | OCDD | 1.2 | J B | pg/g | J | bl,i |
| G1F030418 | EE-E14C-1 | SW8290 | 39001-02-0 | OCDF | 3.6 | J B | pg/g | J | i |
| G1F030428 | CS-DC-4 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HXCDF | 3.2 | J Q B | pg/g | JK | k |
| G1F030428 | CS-DC-4 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HXCDD | 0.36 | J Q | pg/g | JK | k |
| G1F030428 | CS-DC-4 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HXCDF | 0.67 | J Q | pg/g | JK | k |
| G1F030428 | CS-DC-4 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HXCDF | 0.68 | J Q | pg/g | JK | k |
| G1F030428 | CS-DC-4 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1.2 | Q CON | pg/g | JK | k |
| G1F030428 | CS-DC-4 | SW8290 | 3268-87-9 | OCDD | 2.0 | J Q B | pg/g | JK | bl,k |
| G1F080418 | CS-D08-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 110 | CON | pg/g | J | c |
| G1F080418 | CS-D10-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 3.1 | JQ | pg/g | JK | k |
| G1F080418 | CS-D10-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 2.7 | JQ | pg/g | JK | k |
| G1F080418 | CS-D10A-1 | SW8290 | 3268-87-9 | OCDD | 3.7 | JQB | pg/g | JK | k |
| G1F080418 | CS-D10A-1 | SW8290 | 39001-02-0 | OCDF | 4.9 | JQ | pg/g | JK | k |
| G1F080418 | CS-D10B-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 2.6 | JQ | pg/g | JK | k |
| G1F080418 | CS-D10B-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 3.3 | JQ | pg/g | JK | k |
| G1F080418 | CS-D10B-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 1.6 | JQ | pg/g | JK | k |
| G1F080418 | CS-D10B-1 | SW8290 | 39001-02-0 | OCDF | 15 | JQ | pg/g | JK | k |
| G1F080418 | CS-DA-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 0.64 | J | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 4.7 | JB | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 2.3 | JB | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 0.24 | J | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 1.9 | JB | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 0.53 | J | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 1.3 | JB | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 0.39 | J | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 0.52 | JQ | pg/g | JK | i,k |
| G1F080418 | CS-DA-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 0.43 | U | pg/g | UJ | i |
| G1F080418 | CS-DA-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 1.9 | J | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 0.56 | J | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 0.52 | U | pg/g | UJ | i |
| G1F080418 | CS-DA-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.35 | U | pg/g | UJ | i |
| G1F080418 | CS-DA-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 1.3 | BCON | pg/g | J | i |
| G1F080418 | CS-DA-1 | SW8290 | 3268-87-9 | OCDD | 3.4 | JB | pg/g | J | i |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1F080418 | CS-DA-1 | SW8290 | 39001-02-0 | OCDF | 12 | B | pg/g | J | i |
| G1F080418 | CS-DB-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 3800 | EB | pg/g | J | e |
| G1F080418 | CS-DB-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 13 | | pg/g | J | i |
| G1F080418 | CS-DB-2 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 310 | CONB | pg/g | J | i |
| G1F080418 | CS-DB-2 | SW8290 | 39001-02-0 | OCDF | 11000 | EB | pg/g | J | e |
| G1F080418 | EE-D10-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 3000 | EB | pg/g | J | e |
| G1F080418 | EE-D10-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 95 | | pg/g | J | i |
| G1F080418 | EE-D10-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 610 | | pg/g | J | i |
| G1F080418 | EE-D10-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 410 | | pg/g | J | i |
| G1F080418 | EE-D10-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 16 | | pg/g | J | i |
| G1F080418 | EE-D10-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 230 | CONB | pg/g | J | i |
| G1F080418 | EE-D10-1 | SW8290 | 39001-02-0 | OCDF | 14000 | EB | pg/g | J | e |
| G1F080418 | EE-DB-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 6500 | EB | pg/g | J | e |
| G1F080418 | EE-DB-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 80 | | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 2400 | GB | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 220 | | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 1700 | GB | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 190 | | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 300 | G | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 140 | | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 1300 | G | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 430 | G | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 830 | G | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 28 | | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 550 | CONB | pg/g | J | i |
| G1F080418 | EE-DB-1 | SW8290 | 39001-02-0 | OCDF | 26000 | EGB | pg/g | J | e |
| G1F080418 | EE-DB-2 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 1500 | | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 7300 | EB | pg/g | J | e,i |
| G1F080418 | EE-DB-2 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 2400 | B | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 120 | | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 2800 | GB | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 420 | | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 2100 | GB | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 320 | | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 300 | G | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 210 | | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 1600 | | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 650 | G | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 1100 | | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 35 | G | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 590 | GCONB | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 3268-87-9 | OCDD | 1700 | B | pg/g | J | i |
| G1F080418 | EE-DB-2 | SW8290 | 39001-02-0 | OCDF | 28000 | EB | pg/g | J | e,i |
| G1F080478 | CS-D25-1 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 78 | CONB | pg/g | J | i |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-----------|------------------|--------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1F080478 | CS-D25-1 | SW8290 | 3268-87-9 | OCDD | 64 | B | pg/g | J | i |
| G1F080478 | CS-D25-1 | SW8290 | 39001-02-0 | OCDF | 2400 | B | pg/g | J | i |
| G1F080478 | CS-D25-2 | SW8290 | 3268-87-9 | OCDD | 96 | B | pg/g | J | i |
| G1F080478 | CS-D25-2 | SW8290 | 39001-02-0 | OCDF | 3000 | B | pg/g | J | i |
| G1F080500 | CS-DB-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 1.5 | JQB | pg/g | JK | k |
| G1F080500 | CS-DB-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 1.6 | JQB | pg/g | JK | k |
| G1F080500 | CS-DB-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 1.0 | JQB | pg/g | JK | k |
| G1F080500 | CS-DB-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 0.43 | JQB | pg/g | JK | bl,k |
| G1F080500 | CS-DB-3 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 2.6 | JQB | pg/g | JK | k |
| G1F080500 | CS-DB-3 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 1.2 | JQB | pg/g | JK | k |
| G1F080500 | CS-DB-3 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 2.0 | JQB | pg/g | JK | k |
| G1F080500 | CS-DB-3 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 6.3 | JQ | pg/g | JK | k |
| G1F080500 | CS-DB-3 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 7.7 | JQCON | pg/g | JK | k |
| G1F200452 | CS-C11-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 1.9 | JQB | pg/g | JK | k |
| G1F200452 | CS-C11-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 4.7 | JB | pg/g | J | bl |
| G1F200452 | CS-C11-1 | SW8290 | 39001-02-0 | OCDF | 16 | JB | pg/g | J | bl |
| G1F200452 | CS-C15-1 | SW8290 | 3268-87-9 | OCDD | 18 | U | pg/g | UJ | i |
| G1F200452 | CS-C15-1 | SW8290 | 39001-02-0 | OCDF | 27 | JB | pg/g | J | i |
| G1F200452 | CS-D24-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 23000 | EB | pg/g | J | e |
| G1F200452 | CS-D24-2 | SW8290 | 39001-02-0 | OCDF | 79000 | EB | pg/g | J | e |
| G1F200452 | CS-D24-3 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 4.0 | JQ | pg/g | JK | k |
| G1F200452 | CS-D24-3 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 26 | JQ | pg/g | JK | k |
| G1F200452 | CS-D24-3 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 11 | JQ | pg/g | JK | k |
| G1F200452 | CS-D24-3 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 5.2 | JQ | pg/g | JK | k |
| G1F200452 | CS-D24-3 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 2.0 | JQ | pg/g | JK | k |
| G1F200452 | CS-D24-3 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 1.9 | JQ | pg/g | JK | k |
| G1F200452 | CS-D24-3 | SW8290 | 51207-31-9 | 2,3,7,8-TCDF | 6.0 | QJ | pg/g | JK | k |
| G1F200452 | EB-C15-1 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 1.6 | JQ | pg/l | JK | k |
| G1F200452 | EB-C15-1 | SW8290 | 3268-87-9 | OCDD | 3.3 | JQB | pg/l | JK | bl,k |
| G1F200452 | EB-C15-1 | SW8290 | 39001-02-0 | OCDF | 3.1 | JQB | pg/l | JK | k |
| G1G010412 | CS-D23-1 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 0.66 | JB | pg/g | J | bl |
| G1G010412 | CS-D23-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 0.89 | JB | pg/g | J | bl |
| G1G010412 | CS-D23-1 | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 0.77 | JB | pg/g | J | bl |
| G1G010412 | CS-D23-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.22 | JQB | pg/g | JK | bl,k |
| G1G010412 | CS-D23-1 | SW8290 | 3268-87-9 | OCDD | 3.4 | JB | pg/g | J | bl |
| G1G010412 | CS-D23-2 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 0.90 | JB | pg/g | J | bl |
| G1G010412 | CS-D23-2 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 1.6 | JB | pg/g | J | bl |
| G1G010412 | CS-D23-2 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 0.42 | JB | pg/g | J | bl |
| G1G010412 | EE-D25-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 24000 | EB | pg/g | J | e |
| G1G010412 | EE-D25-2 | SW8290 | 39001-02-0 | OCDF | 87000 | EG | pg/g | J | e |
| G1G200427 | CS-E11-3 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 59 | | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 690 | B | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 350 | B | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 39227-28-6 | 1,2,3,4,7,8-HxCDD | 6.8 | | pg/g | J | i |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-------------|------------------|---------|-------------------|---------------------|------------|---------------|-------|----------------------|------------------------|
| G1G200427 | CS-E11-3 | SW8290 | 70648-26-9 | 1,2,3,4,7,8-HxCDF | 290 | B | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 17 | | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 57117-44-9 | 1,2,3,6,7,8-HxCDF | 190 | B | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 14 | | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 45 | | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 13 | | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 57117-41-6 | 1,2,3,7,8-PeCDF | 160 | B | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 59 | | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 85 | | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 3268-87-9 | OCDD | 63 | B | pg/g | J | i |
| G1G200427 | CS-E11-3 | SW8290 | 39001-02-0 | OCDF | 1800 | B | pg/g | J | i |
| G1G290418 | CS-C10B-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HPCDD | 130 | B | pg/g | J | i |
| G1G290418 | CS-C10B-1 | SW8290 | 3268-87-9 | OCDD | 130 | B | pg/g | J | i |
| G1G290418 | CS-C10B-1 | SW8290 | 39001-02-0 | OCDF | 3500 | B | pg/g | J | i |
| G1H040461 | EB-D25A-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 10 | JBQ | pg/l | JK | k |
| G1H040461 | EB-D25A-1 | SW8290 | 57653-85-7 | 1,2,3,6,7,8-HxCDD | 1.1 | JBQ | pg/l | JK | bl,k |
| G1H040461 | EB-D25A-1 | SW8290 | 19408-74-3 | 1,2,3,7,8,9-HxCDD | 1.6 | JBQ | pg/l | JK | bl,k |
| G1H040461 | EB-D25A-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 1.9 | JQ | pg/l | JK | k |
| G1H040461 | EB-D25A-1 | SW8290 | 60851-34-5 | 2,3,4,6,7,8-HxCDF | 3.6 | JBQ | pg/l | JK | bl,k |
| G1H040461 | EB-D25A-1 | SW8290 | 3268-87-9 | OCDD | 8.7 | JB | pg/l | J | bl |
| G1H050420 | CS-D25A-1 | SW8290 | 35822-46-9 | 1,2,3,4,6,7,8-HpCDD | 74 | B | pg/g | J | i |
| G1H050420 | CS-D25A-1 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 760 | B | pg/g | J | i |
| G1H050420 | CS-D25A-1 | SW8290 | 55673-89-7 | 1,2,3,4,7,8,9-HpCDF | 330 | B | pg/g | J | i |
| G1H050420 | CS-D25A-1 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 3.0 | JQ | pg/g | JK | k |
| G1H050420 | CS-D25A-1 | SW8290 | 3268-87-9 | OCDD | 85 | JB | pg/g | J | i,sp |
| G1H050420 | CS-D25A-1 | SW8290 | 39001-02-0 | OCDF | 2300 | B | pg/g | J | i |
| G1H050420 | CS-D25A-2 | SW8290 | 67562-39-4 | 1,2,3,4,6,7,8-HpCDF | 26000 | EB | pg/g | J | e |
| G1H050420 | CS-D25A-2 | SW8290 | 3268-87-9 | OCDD | 1800 | B | pg/g | J | i |
| G1H050420 | CS-D25A-2 | SW8290 | 39001-02-0 | OCDF | 69000 | EB | pg/g | J | e,i |
| G1H050420 | CS-D25A-3 | SW8290 | 40321-76-4 | 1,2,3,7,8-PeCDD | 12 | JQ | pg/g | JK | k |
| G1H050420 | CS-D25A-3 | SW8290 | 1746-01-6 | 2,3,7,8-TCDD | 5.0 | JQ | pg/g | JK | k |
| G1I010458 | DS-E14C-2 | SW8290 | 3268-87-9 | OCDD | 12000 | EB | pg/g | J | e |
| G1I010460 | CS-D31A-1 | SW8290 | 72918-21-9 | 1,2,3,7,8,9-HxCDF | 0.33 | JQ | pg/g | JK | k |
| G1I010460 | CS-D31A-1 | SW8290 | 57117-31-4 | 2,3,4,7,8-PeCDF | 1.0 | JQ | pg/g | JK | k |
| G1I010460 | CS-D31A-1 | SW8290 | 3268-87-9 | OCDD | 12 | B | pg/g | J | i |
| G1I010460 | CS-D31A-1 | SW8290 | 39001-02-0 | OCDF | 26 | B | pg/g | J | i |
| 280-14714-1 | CS-C06-1 | SW6010B | 7439-95-4 | Magnesium | 9200 | | mg/kg | J | sd |
| 280-17185-1 | CS-C15-1 | SW6010B | 7439-96-5 | Manganese | 5400 | B | mg/kg | J | sd |
| 280-17185-2 | EE-C13-1 | SW6010B | 7439-96-5 | Manganese | 490 | B | mg/kg | J | sd |
| 280-17185-2 | EE-C15-1 | SW6010B | 7439-96-5 | Manganese | 7900 | B | mg/kg | J | sd |
| 280-17185-2 | EE-C15-2 | SW6010B | 7439-96-5 | Manganese | 22000 | B | mg/kg | J | sd |
| 280-17365-1 | CS-C22A-1 | SW6010B | 7439-96-5 | Manganese | 2600 | | mg/kg | J | sd |
| 280-17365-1 | CS-C26-1 | SW6010B | 7439-96-5 | Manganese | 280 | | mg/kg | J | sd |
| 280-17578-1 | CS-D23-1 | SW6010B | 7439-95-4 | Magnesium | 13000 | | mg/kg | J | m,sd |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-------------|------------------------|---------|-------------------|-----------|------------|---------------|-------|----------------------|------------------------|
| 280-17578-1 | CS-D23-2 | SW6010B | 7439-95-4 | Magnesium | 9400 | | mg/kg | J | m,sd |
| 280-17578-1 | CS-D23-3 | SW6010B | 7439-95-4 | Magnesium | 8700 | | mg/kg | J | m,sd |
| 280-17578-1 | CS-D23-4 | SW6010B | 7439-95-4 | Magnesium | 8300 | | mg/kg | J | m,sd |
| 280-18594-1 | CS-C10B-1 | SW6010B | 7440-48-4 | Cobalt | 6.4 | | mg/kg | J | sd |
| 280-18594-1 | CS-C10B-1 | SW6010B | 7439-95-4 | Magnesium | 18000 | | mg/kg | J | m,sd |
| 280-18594-1 | CS-C10B-1 | SW6010B | 7439-96-5 | Manganese | 490 | | mg/kg | J | sd |
| 280-18595-1 | DS-E14C-1 | SW6010B | 7439-96-5 | Manganese | 6300 | | mg/kg | J | ld |
| G1E180549 | CS-E14A-1 | SW6010B | 7439-95-4 | Magnesium | 13000 | J | mg/kg | J- | m |
| G1E180549 | CS-E14A-2 | SW6010B | 7439-95-4 | Magnesium | 10900 | J | mg/kg | J- | m |
| G1E180549 | EE-E14A-1 | SW6010B | 7439-95-4 | Magnesium | 10100 | J | mg/kg | J- | m |
| G1E180550 | CS-C44-1 | SW6010B | 7440-48-4 | Cobalt | 131 | | mg/kg | J- | m,sd |
| 280-12451-1 | SSAO5-09-0.0_01_BPC | SW6020 | 7440-38-2 | Arsenic | 11 | | mg/kg | J | fd |
| 280-12451-1 | SSAO5-09-0.0_01_BPC FD | SW6020 | 7440-38-2 | Arsenic | 5.2 | | mg/kg | J | fd |
| 280-18328-1 | CS-E14C-2 | SW6020 | 7439-92-1 | Lead | 75 | | mg/kg | J+ | m |
| 280-18595-1 | DS-E14C-1 | SW6020 | 7439-92-1 | Lead | 50 | B | mg/kg | J+ | m |
| G1D210492 | DS-C08-1 | SW6020 | 7440-38-2 | Arsenic | 3.0 | | mg/kg | J- | m |
| G1D210492 | DS-C09A-1 | SW6020 | 7440-38-2 | Arsenic | 8.2 | | mg/kg | J- | m |
| G1D210492 | DS-C10-1 | SW6020 | 7440-38-2 | Arsenic | 3.1 | | mg/kg | J- | m |
| G1D210492 | DS-C10A-1 | SW6020 | 7440-38-2 | Arsenic | 11.9 | | mg/kg | J- | m |
| G1D210492 | DS-C11-1 | SW6020 | 7440-38-2 | Arsenic | 3.2 | | mg/kg | J- | m |
| G1D210492 | DS-C19-1 | SW6020 | 7440-38-2 | Arsenic | 45.7 | | mg/kg | J- | m |
| G1D210492 | DS-C23-1 | SW6020 | 7440-38-2 | Arsenic | 707 | | mg/kg | J- | m |
| G1D210492 | DS-C25-1 | SW6020 | 7440-38-2 | Arsenic | 16.4 | | mg/kg | J- | m |
| G1D220435 | CS-C01-1 | SW6020 | 7440-38-2 | Arsenic | 2.3 | | mg/kg | J- | m |
| G1D220435 | CS-C01-2 | SW6020 | 7440-38-2 | Arsenic | 2.7 | | mg/kg | J- | m |
| G1D220435 | CS-C07B-1 | SW6020 | 7440-38-2 | Arsenic | 2.8 | | mg/kg | J- | m |
| G1D220435 | CS-C07B-2 | SW6020 | 7440-38-2 | Arsenic | 2.8 | | mg/kg | J- | m |
| G1D220435 | CS-C08-2 | SW6020 | 7440-38-2 | Arsenic | 3.6 | | mg/kg | J- | m |
| G1D220435 | DS-D23-1 | SW6020 | 7440-38-2 | Arsenic | 67.0 | | mg/kg | J- | m |
| G1D220435 | DS-DB-1 | SW6020 | 7440-38-2 | Arsenic | 6.0 | | mg/kg | J- | m |
| G1D220435 | DS-DB-2 | SW6020 | 7440-38-2 | Arsenic | 5.3 | | mg/kg | J- | m |
| G1D220435 | DS-DC-1 | SW6020 | 7440-38-2 | Arsenic | 1.7 | | mg/kg | J- | m |
| G1D220435 | EE-C01-1 | SW6020 | 7440-38-2 | Arsenic | 4.1 | | mg/kg | J- | m |
| G1D260453 | DS-E14A-1 | SW6020 | 7440-38-2 | Arsenic | 120 | | mg/kg | J- | m |
| G1D260453 | DS-E14A-1 | SW6020 | 7440-43-9 | Cadmium | 0.85 | | mg/kg | J- | m |
| G1D260453 | DS-E14A-2 | SW6020 | 7440-38-2 | Arsenic | 119 | | mg/kg | J- | m |
| G1D260453 | DS-E14A-2 | SW6020 | 7440-43-9 | Cadmium | 1.2 | | mg/kg | J- | m |
| G1D280608 | CS-C07A-1 | SW6020 | 7440-38-2 | Arsenic | 1.4 | | mg/kg | J | be |
| G1D280608 | CS-C08-1 | SW6020 | 7440-38-2 | Arsenic | 1.5 | | mg/kg | J | be |
| G1E180549 | CS-E14A-1 | SW6020 | 7440-38-2 | Arsenic | 3.2 | | mg/kg | J- | m |
| G1E180549 | CS-E14A-2 | SW6020 | 7440-38-2 | Arsenic | 4.4 | | mg/kg | J- | m |
| G1E180549 | EE-E14A-1 | SW6020 | 7440-38-2 | Arsenic | 2.1 | | mg/kg | J- | m |
| G1E180550 | CS-C44-1 | SW6020 | 7440-38-2 | Arsenic | 3.6 | | mg/kg | J- | m |
| G1E180550 | EE-D25A-1 | SW6020 | 7440-38-2 | Arsenic | 32.2 | | mg/kg | J- | m |

Table III. Overall Qualified Results

| SDG | Client Sample ID | Method | Client Analyte ID | Analyte | Lab Result | Lab Qualifier | Units | Validation Qualifier | Validation Reason Code |
|-------------|-------------------|--------|-------------------|-------------|------------|---------------|-------|----------------------|------------------------|
| G1F080418 | CS-C42-1 | SW6020 | 7440-38-2 | Arsenic | 2.1 | | mg/kg | J- | m |
| G1F080478 | CS-D24-1 | SW6020 | 7440-38-2 | Arsenic | 156 | | mg/kg | J | sd |
| G1F080478 | CS-D25-1 | SW6020 | 7440-38-2 | Arsenic | 7.9 | | mg/kg | J | sd |
| G1F080478 | CS-D25-2 | SW6020 | 7440-38-2 | Arsenic | 2.6 | | mg/kg | J | sd |
| G1F080478 | EE-D25-1 | SW6020 | 7440-38-2 | Arsenic | 226 | | mg/kg | J | sd |
| 280-12420-2 | EB-02092011-SSAO6 | E314.0 | 14797-73-0 | Perchlorate | 0.91 | J | ug/l | J | bl |
| G1E050552 | EE-E08A-1 | E314.0 | 14797-73-0 | Perchlorate | 2050000 | Q | ug/kg | J | fd |
| G1E050552 | EE-E08A-2 | E314.0 | 14797-73-0 | Perchlorate | 818000 | Q | ug/kg | J | fd |

ATTACHMENT A

Qualifications based on Calibration Exceedances

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Result | DQI Limits |
|-----------|-------------|---------|--------|------------------------|--------|-------|----------------|-----------------------|------------------------|------------------|-----------------------------|
| CS-E14A-1 | G1E180549 | SW8260B | SO | 1,4-DIOXANE | 42 | ug/kg | U | UJ | c | 0.00334, 0.0035 | 0.05 RRF ICAL, 0.05 RRF CCV |
| CS-E14A-1 | G1E180549 | SW8260B | SO | T-BUTANOL | 32 | ug/kg | U | UJ | c | 0.03505, 0.03716 | 0.05 RRF ICAL, 0.05 RRF CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2,4-TRIMETHYLBENZENE | 0.54 | ug/kg | U | UJ | c,i | 25.39279 | 25%D CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,3,5-TRIMETHYLBENZENE | 0.37 | ug/kg | U | UJ | c,i | 25.41114 | 25%D CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,4-DIOXANE | 41 | ug/kg | U | UJ | c,i | 0.00334, 0.00329 | 0.05 RRF ICAL, 0.05 RRF CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 2-CHLOROTOLUENE | 0.66 | ug/kg | U | UJ | c,i | 27.44565 | 25%D CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 4-CHLOROTOLUENE | 0.91 | ug/kg | U | UJ | c,i | 27.76096 | 25%D CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | N-BUTYLBENZENE | 0.70 | ug/kg | U | UJ | c,i | 26.88964 | 25%D CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | N-PROPYLBENZENE | 0.31 | ug/kg | U | UJ | c,i | 27.02621 | 25%D CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | SEC-BUTYLBENZENE | 0.79 | ug/kg | U | UJ | c,i | 27.43981 | 25%D CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | T-BUTANOL | 32 | ug/kg | U | UJ | c,i | 0.03505, 0.03530 | 0.05 RRF ICAL, 0.05 RRF CCV |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TERT-BUTYLBENZENE | 0.57 | ug/kg | U | UJ | c,i | 28.10475 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,4-TRIMETHYLBENZENE | 0.53 | ug/kg | U | UJ | i,c,s | 25.39279 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,3,5-TRIMETHYLBENZENE | 0.37 | ug/kg | U | UJ | i,c,s | 25.41114 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,4-DIOXANE | 41 | ug/kg | U | UJ | c,s | 0.00334, 0.00329 | 0.05 RRF ICAL, 0.05 RRF CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 2-CHLOROTOLUENE | 0.65 | ug/kg | U | UJ | i,c,s | 27.44565 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 4-CHLOROTOLUENE | 0.90 | ug/kg | U | UJ | i,c,s | 27.76096 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | N-BUTYLBENZENE | 0.69 | ug/kg | U | UJ | i,c,s | 26.88964 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | N-PROPYLBENZENE | 0.30 | ug/kg | U | UJ | i,c,s | 27.02621 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | SEC-BUTYLBENZENE | 0.78 | ug/kg | U | UJ | i,c,s | 27.43981 | 25%D CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | T-BUTANOL | 31 | ug/kg | U | UJ | c,s | 0.03505, 0.03530 | 0.05 RRF ICAL, 0.05 RRF CCV |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TERT-BUTYLBENZENE | 0.57 | ug/kg | U | UJ | i,c,s | 28.10475 | 25%D CCV |
| DS-D14-1 | 280-18231-1 | SW8081A | SO | Toxaphene | 6700 | ug/kg | U* | UJ | c | 48.76 | 20%D ICV |
| CS-E11-3 | 280-18231-2 | SW8081A | SO | Toxaphene | 160 | ug/kg | U* | UJ | c | 48.76 | 20%D ICV |
| DS-E14A-1 | G1D260453 | SW8081A | SO | METHOXYCHLOR | 1600 | ug/kg | U | UJ | c | 24 | 20%D CCV |
| DS-E14A-2 | G1D260453 | SW8081A | SO | METHOXYCHLOR | 2000 | ug/kg | U | UJ | c | 24 | 20%D CCV |
| CS-E11-1 | G1E050552 | SW8081A | SO | 4,4'-DDE | 110 | ug/kg | U | UJ | c | 22 | 20%D CCV |
| CS-E11-1 | G1E050552 | SW8081A | SO | ALDRIN | 110 | ug/kg | U | UJ | c | 21 | 20%D CCV |
| CS-E11-1 | G1E050552 | SW8081A | SO | ALPHA-BHC | 450 | ug/kg | J PG | J- | c,sp | 21 | 20%D CCV |
| CS-E11-1 | G1E050552 | SW8081A | SO | ALPHA-CHLORDANE | 100 | ug/kg | U | UJ | c | 22 | 20%D CCV |
| CS-E11-1 | G1E050552 | SW8081A | SO | CHLORDANE (TECHNICAL) | 680 | ug/kg | U | UJ | c | 26 | 20%D CCV |
| CS-E11-1 | G1E050552 | SW8081A | SO | GAMMA-CHLORDANE | 28 | ug/kg | U | UJ | c | 22 | 20%D CCV |
| DS-E16-1 | G1D150605 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 120 | pg/g | | J+ | c | 25.1 | 20%D CCV |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 3800 | pg/g | B | J | c,fd | 39.2 | 30%D CCV |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 2,3,7,8-TCDF | 3.7 | pg/g | CON | J- | c | 20.3 | 20%D CCV |
| CS-C08-1 | G1D280608 | SW8290 | SO | 2,3,7,8-TCDF | 1.1 | pg/g | CON | J- | c | 20.3 | 20%D CCV |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 2,3,7,8-TCDF | 1.2 | pg/g | CON | J- | c | 20.3 | 20%D CCV |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Result | DQI Limits |
|-----------|-----------|--------|--------|-------------------|--------|-------|----------------|-----------------------|------------------------|------------|------------|
| DS-D06A-1 | G1D280608 | SW8290 | SO | 2,3,7,8-TCDF | 59 | pg/g | CON | J- | c | 20.3 | 20%D CCV |
| DS-D06A-2 | G1E110471 | SW8290 | SO | OCDD | 2.9 | pg/g | J B | J+ | c,sp | 35.4 | 30%D CCV |
| DS-D06A-2 | G1E110471 | SW8290 | SO | OCDF | 6.8 | pg/g | J B | J+ | c,sp | 35.4 | 30%D CCV |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 6.2 | pg/g | J B | J | bl,c | 30.3 | 30%D CCV |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 3.4 | pg/g | J B | J | bl,c | 30.3 | 30%D CCV |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 0.84 | pg/g | J | J+ | c,sp | 30.3 | 30%D CCV |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.75 | pg/g | J Q | JK | c,k,sp | 30.3 | 30%D CCV |
| CS-D08-1 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDF | 110 | pg/g | CON | J | c | 45.9 | 30%D CCV |

Note:

* is a lab qualifier noting "LCS or LCSD exceeds the control limits".

ATTACHMENT B

Qualifications based on Surrogate Recovery Exceedances

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | % Recovery | LCL | UCL |
|-----------|-----------|---------|--------|--|--------|-------|----------------|-----------------------|------------------------|------------|-----|-----|
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1,1,2-TETRACHLOROETHANE | 0.43 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1,1-TRICHLOROETHANE | 0.38 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1,2,2-TETRACHLOROETHANE | 0.71 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1,2-TRICHLOROETHANE | 0.46 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1-DICHLOROETHANE | 0.30 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1-DICHLOROETHENE | 0.27 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1-DICHLOROPROPENE | 0.39 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,3-TRICHLOROBENZENE | 0.78 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,3-TRICHLOROPROPANE | 0.80 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,4-TRICHLOROBENZENE | 1.5 | ug/kg | J | J- | i,s,sp | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,4-TRIMETHYLBENZENE | 0.53 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2-DIBROMO-3- CHLOROPROPANE (DBCP) | 0.92 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2-DIBROMOETHANE | 0.28 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2-DICHLOROBENZENE | 0.67 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2-DICHLOROETHANE | 0.76 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2-DICHLOROPROPANE | 0.63 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,3,5-TRIMETHYLBENZENE | 0.37 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,3-DICHLOROBENZENE | 0.31 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,3-DICHLOROPROPANE | 0.60 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,4-DICHLOROBENZENE | 0.82 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,4-DIOXANE | 41 | ug/kg | U | UJ | c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 2,2-DICHLOROPROPANE | 0.40 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 2-BUTANONE (MEK) | 1.5 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 2-CHLOROTOLUENE | 0.65 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 2-HEXANONE | 0.77 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 4-CHLOROTOLUENE | 0.90 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 4-METHYL-2-PENTANONE (MIBK) | 0.96 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | ACETONE | 1.5 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | BENZENE | 0.27 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | BROMOBENZENE | 0.54 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | BROMOCHLOROMETHANE | 0.98 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | BROMODICHLOROMETHANE | 0.55 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | BROMOFORM | 0.42 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | BROMOMETHANE | 0.90 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | CARBON TETRACHLORIDE | 0.55 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | CHLOROBENZENE | 0.30 | ug/kg | U | UJ | s | 23 | 63 | 143 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | % Recovery | LCL | UCL |
|-----------|------------|---------|--------|-----------------------------------|--------|-------|----------------|-----------------------|------------------------|------------|-------|-----|
| EE-E14A-1 | G1E180549 | SW8260B | SO | CHLOROETHANE | 0.47 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | CHLOROFORM | 0.27 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | CHLOROMETHANE | 0.52 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | CIS-1,2-DICHLOROETHENE | 0.93 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | CIS-1,3-DICHLOROPROPENE | 0.67 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | DIBROMOCHLOROMETHANE | 0.22 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | DIBROMOMETHANE | 0.61 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | DICHLORODIFLUOROMETHANE | 0.93 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | DIISOPROPYL ETHER | 5.2 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | HEXACHLOROBUTADIENE | 2.2 | ug/kg | J | J- | i,s,sp | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | ISOPROPYLBENZENE | 0.54 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | METHYL TERT-BUTYL ETHER (MTBE) | 0.63 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | METHYLENE CHLORIDE | 0.88 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | M-XYLENE & P-XYLENE | 0.85 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | NAPHTHALENE | 0.66 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | N-BUTYLBENZENE | 0.69 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | N-PROPYLBENZENE | 0.30 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | O-XYLENE | 0.35 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | P-ISOPROPYLTOLUENE | 0.66 | ug/kg | U | UJ | i,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | SEC-BUTYLBENZENE | 0.78 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | STYRENE | 0.32 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | T-BUTANOL | 31 | ug/kg | U | UJ | c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TERT-AMYL METHYL ETHER | 5.2 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TERT-BUTYL ETHYL ETHER | 5.2 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TERT-BUTYLBENZENE | 0.57 | ug/kg | U | UJ | i,c,s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TETRACHLOROETHENE | 0.64 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TOLUENE | 0.64 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TRANS-1,2-DICHLOROETHENE | 0.40 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TRANS-1,3-DICHLOROPROPENE | 0.78 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TRICHLOROETHENE | 0.63 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TRICHLOROFLUOROMETHANE (FREON 11) | 0.36 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | VINYL CHLORIDE | 0.38 | ug/kg | U | UJ | s | 23 | 63 | 143 |
| EE-E14B-2 | 280-16501- | SW8270C | SO | Hexachlorobenzene | 11000 | ug/kg | | J- | s,fd | 44,49 | 50,53 | 120 |
| DS-C39B-1 | 280-14716- | SW8081A | SO | 4,4'-DDE | 14 | ug/kg | | J+ | s | 579 | 63 | 124 |
| DS-C39B-1 | 280-14716- | SW8081A | SO | beta-BHC | 27 | ug/kg | | J+ | s | 579 | 63 | 124 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | % Recovery | LCL | UCL |
|-----------|------------|---------|--------|-----------------------|--------|-------|----------------|-----------------------|------------------------|------------|-------|---------|
| DS-D27-1 | 280-14716- | SW8081A | SO | 4,4'-DDD | 2.7 | ug/kg | J P | J+ | s,sp | 1014 | 63 | 124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | 4,4'-DDE | 81 | ug/kg | | J+ | s | 1014 | 63 | 124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | 4,4'-DDT | 14 | ug/kg | | J | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Aldrin | 0.25 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | alpha-BHC | 0.80 | ug/kg | J | J | s,sp | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | alpha-Chlordane | 0.32 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | beta-BHC | 59 | ug/kg | | J+ | s | 1014 | 63 | 124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Chlordane (technical) | 0.21 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | delta-BHC | 0.39 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Dieldrin | 0.21 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Endosulfan I | 0.17 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Endosulfan II | 0.28 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Endosulfan sulfate | 0.27 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Endrin | 0.70 | ug/kg | J P | J | s,sp | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Endrin aldehyde | 0.17 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Endrin ketone | 0.48 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | gamma-BHC (Lindane) | 0.46 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | gamma-Chlordane | 0.26 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Heptachlor | 0.21 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Heptachlor epoxide | 0.42 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Hexachlorobenzene | 74 | ug/kg | | J+ | s | 1014 | 63 | 124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Methoxychlor | 0.44 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-1 | 280-14716- | SW8081A | SO | Toxaphene | 16 | ug/kg | U | UJ | s | 58,754 | 59,63 | 115,124 |
| DS-D27-2 | 280-14716- | SW8081A | SO | 4,4'-DDD | 1.4 | ug/kg | J | J+ | s,sp | 400 | 63 | 124 |
| DS-D27-2 | 280-14716- | SW8081A | SO | 4,4'-DDE | 85 | ug/kg | | J+ | s | 477 | 63 | 124 |
| DS-D27-2 | 280-14716- | SW8081A | SO | 4,4'-DDT | 10 | ug/kg | | J+ | s | 400 | 63 | 124 |
| DS-D27-2 | 280-14716- | SW8081A | SO | alpha-BHC | 0.24 | ug/kg | J P ^ | J+ | s,sp | 400 | 63 | 124 |
| DS-D27-2 | 280-14716- | SW8081A | SO | beta-BHC | 28 | ug/kg | | J+ | s | 400 | 63 | 124 |
| DS-D27-2 | 280-14716- | SW8081A | SO | Hexachlorobenzene | 78 | ug/kg | | J+ | s | 477 | 63 | 124 |
| DS-E16-1 | 280-14718- | SW8081A | SO | 4,4'-DDD | 0.66 | ug/kg | J P | J+ | s,sp | 14543 | 63 | 124 |
| DS-E16-1 | 280-14718- | SW8081A | SO | 4,4'-DDE | 12 | ug/kg | P | J+ | s | 14543 | 63 | 124 |
| DS-E16-1 | 280-14718- | SW8081A | SO | Aldrin | 6.1 | ug/kg | P | J+ | s | 14543 | 63 | 124 |
| DS-E16-1 | 280-14718- | SW8081A | SO | alpha-BHC | 13 | ug/kg | P | J+ | s | 14543 | 63 | 124 |
| DS-E16-1 | 280-14718- | SW8081A | SO | Endosulfan I | 5.3 | ug/kg | P | J+ | s | 14543 | 63 | 124 |
| DS-E16-1 | 280-14718- | SW8081A | SO | gamma-BHC (Lindane) | 3.4 | ug/kg | | J+ | s | 14543 | 63 | 124 |
| DS-DB-2 | 280-14924- | SW8081A | SO | Hexachlorobenzene | 11 | ug/kg | B | J+ | s | 147 | 63 | 124 |
| CS-E14C-2 | 280-18328- | SW8081A | SO | Hexachlorobenzene | 5.7 | ug/kg | | J | s | 146,156 | 63 | 124 |

ATTACHMENT C

Qualifications based on Matrix Spike Exceedances

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | RPD | RPD Limit | MS % Recovery | MSD % Recovery | LCL | UCL |
|-----------|-------------|--------|--------|-----------|--------|-------|----------------|-----------------------|------------------------|-----|-----------|---------------|----------------|-----|-----|
| CS-D23-1 | 280-17578-1 | SW6010 | SO | Magnesium | 13000 | mg/kg | | J | m,sd | | | | 67 | 75 | 125 |
| CS-D23-2 | 280-17578-1 | SW6010 | SO | Magnesium | 9400 | mg/kg | | J | m,sd | | | | 67 | 75 | 125 |
| CS-D23-3 | 280-17578-1 | SW6010 | SO | Magnesium | 8700 | mg/kg | | J | m,sd | | | | 67 | 75 | 125 |
| CS-D23-4 | 280-17578-1 | SW6010 | SO | Magnesium | 8300 | mg/kg | | J | m,sd | | | | 67 | 75 | 125 |
| CS-C10B-1 | 280-18594-1 | SW6010 | SO | Magnesium | 18000 | mg/kg | | J | m,sd | | | | 41 | 75 | 125 |
| DS-E14C-1 | 280-18595-1 | SW6010 | SO | Manganese | 6300 | mg/kg | | J | ld | 28 | 20 | | | | |
| CS-E14A-1 | G1E180549 | SW6010 | SO | Magnesium | 13000 | mg/kg | J | J- | m,sp | | | 0 | 0 | 75 | 125 |
| CS-E14A-2 | G1E180549 | SW6010 | SO | Magnesium | 10900 | mg/kg | J | J- | m,sp | | | 0 | 0 | 75 | 125 |
| EE-E14A-1 | G1E180549 | SW6010 | SO | Magnesium | 10100 | mg/kg | J | J- | m,sp | | | 0 | 0 | 75 | 125 |
| CS-C44-1 | G1E180550 | SW6010 | SO | Cobalt | 131 | mg/kg | | J- | m,sd | | | 0 | 0 | 75 | 125 |
| CS-E14C-2 | 280-18328-1 | SW6020 | SO | Lead | 75 | mg/kg | | J+ | m | | | | 158 | 75 | 125 |
| DS-E14C-1 | 280-18595-1 | SW6020 | SO | Lead | 50 | mg/kg | B | J+ | m | | | 133 | | 75 | 125 |
| DS-C08-1 | G1D210492 | SW6020 | SO | Arsenic | 3.0 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| DS-C09A-1 | G1D210492 | SW6020 | SO | Arsenic | 8.2 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| DS-C10-1 | G1D210492 | SW6020 | SO | Arsenic | 3.1 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| DS-C10A-1 | G1D210492 | SW6020 | SO | Arsenic | 11.9 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| DS-C11-1 | G1D210492 | SW6020 | SO | Arsenic | 3.2 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| DS-C19-1 | G1D210492 | SW6020 | SO | Arsenic | 45.7 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| DS-C23-1 | G1D210492 | SW6020 | SO | Arsenic | 707 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| DS-C25-1 | G1D210492 | SW6020 | SO | Arsenic | 16.4 | mg/kg | | J- | m | | | 73 | 27 | 75 | 125 |
| CS-C01-1 | G1D220435 | SW6020 | SO | Arsenic | 2.3 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| CS-C01-2 | G1D220435 | SW6020 | SO | Arsenic | 2.7 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| CS-C07B-1 | G1D220435 | SW6020 | SO | Arsenic | 2.8 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| CS-C07B-2 | G1D220435 | SW6020 | SO | Arsenic | 2.8 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| CS-C08-2 | G1D220435 | SW6020 | SO | Arsenic | 3.6 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| DS-D23-1 | G1D220435 | SW6020 | SO | Arsenic | 67.0 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| DS-DB-1 | G1D220435 | SW6020 | SO | Arsenic | 6.0 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| DS-DB-2 | G1D220435 | SW6020 | SO | Arsenic | 5.3 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| DS-DC-1 | G1D220435 | SW6020 | SO | Arsenic | 1.7 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| EE-C01-1 | G1D220435 | SW6020 | SO | Arsenic | 4.1 | mg/kg | | J- | m | | | 0 | 0 | 75 | 125 |
| DS-E14A-1 | G1D260453 | SW6020 | SO | Arsenic | 120 | mg/kg | | J- | m | | | 45 | 74 | 75 | 125 |
| DS-E14A-1 | G1D260453 | SW6020 | SO | Cadmium | 0.85 | mg/kg | | J- | m | | | 54 | 66 | 75 | 125 |
| DS-E14A-2 | G1D260453 | SW6020 | SO | Arsenic | 119 | mg/kg | | J- | m | | | 45 | 74 | 75 | 125 |
| DS-E14A-2 | G1D260453 | SW6020 | SO | Cadmium | 1.2 | mg/kg | | J- | m | | | 54 | 66 | 75 | 125 |
| CS-E14A-1 | G1E180549 | SW6020 | SO | Arsenic | 3.2 | mg/kg | | J- | m | | | 49 | 52 | 75 | 125 |
| CS-E14A-2 | G1E180549 | SW6020 | SO | Arsenic | 4.4 | mg/kg | | J- | m | | | 49 | 52 | 75 | 125 |
| EE-E14A-1 | G1E180549 | SW6020 | SO | Arsenic | 2.1 | mg/kg | | J- | m | | | 49 | 52 | 75 | 125 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | RPD | RPD Limit | MS % Recovery | MSD % Recovery | LCL | UCL |
|-----------|-----------|--------|--------|---------|--------|-------|----------------|-----------------------|------------------------|-----|-----------|---------------|----------------|-----|-----|
| CS-C44-1 | G1E180550 | SW6020 | SO | Arsenic | 3.6 | mg/kg | | J- | m | | | 49 | 52 | 75 | 125 |
| EE-D25A-1 | G1E180550 | SW6020 | SO | Arsenic | 32.2 | mg/kg | | J- | m | | | 49 | 52 | 75 | 125 |
| CS-C42-1 | G1F080418 | SW6020 | SO | Arsenic | 2.1 | mg/kg | | J- | m | | | 74 | 71 | 75 | 125 |

ATTACHMENT D

Qualifications based on Laboratory Control Spike Exceedances

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | RPD | RPD Limit | LCS %R | LCSD %R | LCL | UCL |
|-----------|-----------|--------|--------|---------------------|---------|-------|----------------|-----------------------|------------------------|-----|-----------|--------|---------|-----|-----|
| DS-C39B-1 | G1D150604 | SW8290 | SO | 2,3,7,8-TCDD | 66 | pg/g | | J+ | l | | | 146 | | 77 | 130 |
| DS-C39B-1 | G1D150604 | SW8290 | SO | 2,3,7,8-TCDF | 910 | pg/g | CON | J+ | l | | | 148 | | 79 | 137 |
| DS-D27-1 | G1D150604 | SW8290 | SO | 2,3,7,8-TCDD | 31 | pg/g | | J+ | l | | | 146 | | 77 | 130 |
| DS-D27-1 | G1D150604 | SW8290 | SO | 2,3,7,8-TCDF | 700 | pg/g | CON | J+ | l | | | 148 | | 79 | 137 |
| DS-D27-2 | G1D150604 | SW8290 | SO | 2,3,7,8-TCDD | 78 | pg/g | | J+ | l | | | 146 | | 77 | 130 |
| DS-D27-2 | G1D150604 | SW8290 | SO | 2,3,7,8-TCDF | 1200 | pg/g | CON | J+ | l | | | 148 | | 79 | 137 |
| DS-E16-1 | G1D150605 | SW8290 | SO | 2,3,7,8-TCDD | 74 | pg/g | | J+ | l | | | 146 | | 77 | 130 |
| DS-E16-1 | G1D150605 | SW8290 | SO | 2,3,7,8-TCDF | 1400 | pg/g | CON | J+ | l | | | 148 | | 79 | 137 |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 4300000 | pg/g | E G B S | J | e,l | | | 154 | | 81 | 137 |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 1900000 | pg/g | E G Q B | JK | e,k,l | | | 146 | | 72 | 140 |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,7,8-PeCDF | 1800000 | pg/g | E G B | J | e,l | | | 142 | | 81 | 134 |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 2,3,7,8-TCDF | 1100000 | pg/g | E G CON | J | e,l | | | 297 | | 79 | 137 |
| DS-E14A-1 | G1D260453 | SW8290 | SO | OCDF | 8500000 | pg/g | E G B S | J | e,l | | | 144 | | 75 | 141 |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 3200000 | pg/g | E G B S | J | e,l | | | 154 | | 81 | 137 |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 1600000 | pg/g | E G B | J | e,l | | | 146 | | 72 | 140 |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,7,8-PeCDF | 950000 | pg/g | E G B | J | e,l | | | 142 | | 81 | 134 |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 2,3,7,8-TCDF | 650000 | pg/g | E G CON | J | e,l | | | 297 | | 79 | 137 |
| DS-E14A-2 | G1D260453 | SW8290 | SO | OCDF | 6600000 | pg/g | E G B S | J | e,l | | | 144 | | 75 | 141 |

ATTACHMENT E

Qualifications based on Internal Standard Exceedances

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|---------|--------|------------------------------------|--------|-------|----------------|-----------------------|------------------------|------------------------|--|
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,1,1,2-TETRACHLOROETHANE | 0.43 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,1,1-TRICHLOROETHANE | 0.38 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,1,2,2-TETRACHLOROETHANE | 0.72 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,1,2-TRICHLOROETHANE | 0.47 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,1-DICHLOROETHANE | 0.31 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,1-DICHLOROETHENE | 0.27 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,1-DICHLOROPROPENE | 0.39 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2,3-TRICHLOROBENZENE | 0.79 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2,3-TRICHLOROPROPANE | 0.80 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2,4-TRICHLOROBENZENE | 0.79 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2,4-TRIMETHYLBENZENE | 0.54 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 0.93 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2-DIBROMOETHANE | 0.29 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2-DICHLOROBENZENE | 0.68 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|---------|--------|-----------------------------|--------|-------|----------------|-----------------------|------------------------|------------------------|--|
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2-DICHLOROETHANE | 0.77 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,2-DICHLOROPROPANE | 0.63 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,3,5-TRIMETHYLBENZENE | 0.37 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,3-DICHLOROBENZENE | 0.32 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,3-DICHLOROPROPANE | 0.60 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,4-DICHLOROBENZENE | 0.82 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 1,4-DIOXANE | 41 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 2,2-DICHLOROPROPANE | 0.40 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 2-BUTANONE (MEK) | 1.5 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 2-CHLOROTOLUENE | 0.66 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 2-HEXANONE | 1.1 | ug/kg | J | J | i,sp | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 4-CHLOROTOLUENE | 0.91 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | 4-METHYL-2-PENTANONE (MIBK) | 0.97 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | ACETONE | 11 | ug/kg | J | J | i,sp | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|---------|--------|-------------------------|--------|-------|----------------|-----------------------|------------------------|------------------------|--|
| CS-E14A-2 | G1E180549 | SW8260B | SO | BENZENE | 0.27 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | BROMOBENZENE | 0.55 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | BROMOCHLOROMETHANE | 0.99 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | BROMODICHLOROMETHANE | 0.56 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | BROMOFORM | 0.42 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | BROMOMETHANE | 0.91 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | CARBON TETRACHLORIDE | 0.56 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | CHLOROBENZENE | 0.31 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | CHLOROETHANE | 0.48 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | CHLOROFORM | 0.27 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | CHLOROMETHANE | 0.53 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | CIS-1,2-DICHLOROETHENE | 0.94 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | CIS-1,3-DICHLOROPROPENE | 0.68 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | DIBROMOCHLOROMETHANE | 0.22 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|---------|--------|--------------------------------|--------|-------|----------------|-----------------------|------------------------|------------------------|--|
| CS-E14A-2 | G1E180549 | SW8260B | SO | DIBROMOMETHANE | 0.61 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | DICHLORODIFLUOROMETHANE | 0.94 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | DIISOPROPYL ETHER | 5.3 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | HEXACHLOROBUTADIENE | 0.77 | ug/kg | J | J | i,sp | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | ISOPROPYLBENZENE | 0.55 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | METHYL TERT-BUTYL ETHER (MTBE) | 0.63 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | METHYLENE CHLORIDE | 0.89 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | M-XYLENE & P-XYLENE | 0.86 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | NAPHTHALENE | 0.67 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | N-BUTYLBENZENE | 0.70 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | N-PROPYLBENZENE | 0.31 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | O-XYLENE | 0.42 | ug/kg | J | J | i,sp | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | P-ISOPROPYLTOLUENE | 0.67 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | SEC-BUTYLBENZENE | 0.79 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|---------|--------|-----------------------------------|--------|-------|----------------|-----------------------|------------------------|------------------------|--|
| CS-E14A-2 | G1E180549 | SW8260B | SO | STYRENE | 0.33 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | T-BUTANOL | 32 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TERT-AMYL METHYL ETHER | 5.3 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TERT-BUTYL ETHYL ETHER | 5.3 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TERT-BUTYLBENZENE | 0.57 | ug/kg | U | UJ | c,i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TETRACHLOROETHENE | 0.65 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TOLUENE | 0.65 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TRANS-1,2-DICHLOROETHENE | 0.40 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TRANS-1,3-DICHLOROPROPENE | 0.79 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TRICHLOROETHENE | 0.63 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | TRICHLOROFLUOROMETHANE (FREON 11) | 0.36 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| CS-E14A-2 | G1E180549 | SW8260B | SO | VINYL CHLORIDE | 0.38 | ug/kg | U | UJ | i | 507310, 460078, 364264 | 768896-3075584, 655514-2622056, 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,1,2,2-TETRACHLOROETHANE | 0.71 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,3-TRICHLOROPROPANE | 0.80 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,4-TRICHLOROBENZENE | 1.5 | ug/kg | J | J- | i,s,sp | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2,4-TRIMETHYLBENZENE | 0.53 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,2-DICHLOROBENZENE | 0.67 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,3,5-TRIMETHYLBENZENE | 0.37 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,3-DICHLOROBENZENE | 0.31 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 1,4-DICHLOROBENZENE | 0.82 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|---------------------|-----------|---------|--------|------------------------|--------|-------|----------------|-----------------------|------------------------|-------------|-------------------|
| EE-E14A-1 | G1E180549 | SW8260B | SO | 2-CHLOROTOLUENE | 0.65 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | 4-CHLOROTOLUENE | 0.90 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | BROMOBENZENE | 0.54 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | HEXACHLOROBUTADIENE | 2.2 | ug/kg | J | J- | i,s,sp | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | NAPHTHALENE | 0.66 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | N-BUTYLBENZENE | 0.69 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | N-PROPYLBENZENE | 0.30 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | P-ISOPROPYLTOLUENE | 0.66 | ug/kg | U | UJ | i,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | SEC-BUTYLBENZENE | 0.78 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| EE-E14A-1 | G1E180549 | SW8260B | SO | TERT-BUTYLBENZENE | 0.57 | ug/kg | U | UJ | i,c,s | 154393 | 448081-1792324 |
| DS-C24-2 | G1E040615 | SW8270C | SO | BENZO(A)PYRENE | 870 | ug/kg | | J | i | 765937 | 187769-751076 |
| DS-C24-2 | G1E040615 | SW8270C | SO | BENZO(B)FLUORANTHENE | 1500 | ug/kg | | J | i | 765937 | 187769-751076 |
| DS-C24-2 | G1E040615 | SW8270C | SO | BENZO(GHI)PERYLENE | 790 | ug/kg | | J | i | 765937 | 187769-751076 |
| DS-C24-2 | G1E040615 | SW8270C | SO | BENZO(K)FLUORANTHENE | 1400 | ug/kg | | J | i | 765937 | 187769-751076 |
| DS-C24-2 | G1E040615 | SW8270C | SO | DIBENZO(A,H)ANTHRACENE | 200 | ug/kg | J | J | i,sp | 765937 | 187769-751076 |
| DS-C24-2 | G1E040615 | SW8270C | SO | INDENO(1,2,3-CD)PYRENE | 870 | ug/kg | | J | i | 765937 | 187769-751076 |
| CS-C42-1 | G1F080418 | SW8280 | SO | 1,2,3,4,6,7,8-HpCDD | 0.70 | ng/g | J | J | i,sp | 23 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | 1,2,3,4,6,7,8-HpCDF | 7.7 | ng/g | | J | i | 24 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | 1,2,3,4,7,8-HxCDD | 0.56 | ng/g | U | UJ | i | 23 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | 1,2,3,6,7,8-HxCDD | 0.52 | ng/g | U | UJ | i | 23 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | 1,2,3,7,8,9-HxCDD | 0.41 | ng/g | U | UJ | i | 23 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | 1,2,3,7,8-PeCDF | 2.3 | ng/g | J | J | i,sp | 9.2 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | 2,3,4,7,8-PeCDF | 1.6 | ng/g | J | J | i,sp | 9.2 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | 2,3,7,8-TCDF | 2.8 | ng/g | | J | i | 9.2 | %R (40-135) |
| CS-C42-1 | G1F080418 | SW8280 | SO | OCDF | 28 | ng/g | | J | i | 24 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 8.7 | pg/g | B | J | i | 16 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 110 | pg/g | | J | i | 15 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 56 | pg/g | | J | i | 15 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 50 | pg/g | | J | i | 32 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 33 | pg/g | | J | i | 32 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 5.6 | pg/g | | J | i | 32 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 11 | pg/g | | J | i | 32 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | OCDD | 12 | pg/g | B | J | i | 9.5 | %R (40-135) |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | OCDF | 280 | pg/g | | J | i | 9.5 | %R (40-135) |
| DS-D27-2 | G1D150604 | SW8290 | SO | OCDD | 1400 | pg/g | | J | i | 33 | %R (40-135) |
| DS-D27-2 | G1D150604 | SW8290 | SO | OCDF | 33000 | pg/g | E G | J | e,i | 33 | %R (40-135) |
| CS-C06-1 | G1D150605 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 1.3 | pg/g | U | UJ | i | 31 | %R (40-135) |
| CS-C06-1 | G1D150605 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 0.90 | pg/g | J Q B | JK | i,k,sp | 33 | %R (40-135) |
| CS-C06-1 | G1D150605 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 0.73 | pg/g | U | UJ | i | 33 | %R (40-135) |
| CS-C06-1 | G1D150605 | SW8290 | SO | OCDD | 3.9 | pg/g | Q J | JK | bl,i,k | 24 | %R (40-135) |
| CS-C06-1 | G1D150605 | SW8290 | SO | OCDF | 3.3 | pg/g | U | UJ | i | 24 | %R (40-135) |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.34 | pg/g | J Q B | JK | bl,i,k | 35 | %R (40-135) |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 1.4 | pg/g | J B | J | i,sp | 36 | %R (40-135) |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|--------|--------|---------------------|--------|-------|----------------|-----------------------|------------------------|-------------|-------------------|
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 0.40 | pg/g | J Q B | JK | bl,i,k | 36 | %R (40-135) |
| DS-C18-1 | G1E040615 | SW8290 | SO | OCDD | 3.6 | pg/g | J B | J | bl,i | 16 | %R (40-135) |
| DS-C18-1 | G1E040615 | SW8290 | SO | OCDF | 2.7 | pg/g | J B | J | i,sp | 16 | %R (40-135) |
| DS-C18-2 | G1E040615 | SW8290 | SO | OCDD | 2.8 | pg/g | J B | J | bl,i | 33 | %R (40-135) |
| DS-C18-2 | G1E040615 | SW8290 | SO | OCDF | 4.6 | pg/g | J B | J | i,sp | 33 | %R (40-135) |
| CS-E08A-1 | G1E050552 | SW8290 | SO | OCDD | 7.6 | pg/g | B | J | i | 22 | %R (40-135) |
| CS-E08A-1 | G1E050552 | SW8290 | SO | OCDF | 130 | pg/g | B | J | i | 22 | %R (40-135) |
| CS-E14B-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.76 | pg/g | U | UJ | i | 30 | %R (40-135) |
| CS-E14B-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 2.8 | pg/g | J B | J | i,sp | 30 | %R (40-135) |
| CS-E14B-1 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1.5 | pg/g | J | J | i,sp | 30 | %R (40-135) |
| CS-E14B-1 | G1F030418 | SW8290 | SO | OCDD | 3.1 | pg/g | J B | J | bl,i | 20 | %R (40-135) |
| CS-E14B-1 | G1F030418 | SW8290 | SO | OCDF | 13 | pg/g | B | J | i | 20 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 1.1 | pg/g | J Q B | JK | i,k,sp | 24 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 11 | pg/g | B | J | i | 21 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 6.7 | pg/g | | J | i | 21 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 0.25 | pg/g | J Q | JK | i,k,sp | 35 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 6.3 | pg/g | B | J | i | 36 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.40 | pg/g | J Q | JK | i,k,sp | 35 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 2.8 | pg/g | J B | J | i,sp | 36 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.28 | pg/g | J Q | JK | i,k,sp | 35 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 0.58 | pg/g | U | UJ | i | 36 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.62 | pg/g | J | J | i,sp | 36 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | OCDD | 3.6 | pg/g | J B | J | bl,i | 14 | %R (40-135) |
| CS-E14C-1 | G1F030418 | SW8290 | SO | OCDF | 33 | pg/g | B | J | i | 14 | %R (40-135) |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.79 | pg/g | J B | J | bl,i | 37 | %R (40-135) |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 1.4 | pg/g | J Q B | JK | bl,i,k | 36 | %R (40-135) |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1.1 | pg/g | J | J | i,sp | 36 | %R (40-135) |
| EE-E14C-1 | G1F030418 | SW8290 | SO | OCDD | 1.2 | pg/g | J B | J | bl,i | 24 | %R (40-135) |
| EE-E14C-1 | G1F030418 | SW8290 | SO | OCDF | 3.6 | pg/g | J B | J | i,sp | 24 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 0.64 | pg/g | J | J | i,sp | 23 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 4.7 | pg/g | JB | J | i,sp | 21 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 2.3 | pg/g | JB | J | i,sp | 21 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 0.24 | pg/g | J | J | i,sp | 27 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 1.9 | pg/g | JB | J | i,sp | 22 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 0.53 | pg/g | J | J | i,sp | 27 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 1.3 | pg/g | JB | J | i,sp | 22 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 0.39 | pg/g | J | J | i,sp | 27 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 0.52 | pg/g | JQ | JK | i,k,sp | 22 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDD | 0.43 | pg/g | U | UJ | i | 22 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDF | 1.9 | pg/g | J | J | i,sp | 20 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 0.56 | pg/g | J | J | i,sp | 22 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 2,3,4,7,8-PeCDF | 0.52 | pg/g | U | UJ | i | 20 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDD | 0.35 | pg/g | U | UJ | i | 19 | %R (40-135) |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|--------|--------|---------------------|--------|-------|----------------|-----------------------|------------------------|-------------|-------------------|
| CS-DA-1 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDF | 1.3 | pg/g | BCON | J | i | 23 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | OCDD | 3.4 | pg/g | JB | J | i,sp | 19 | %R (40-135) |
| CS-DA-1 | G1F080418 | SW8290 | SO | OCDF | 12 | pg/g | B | J | i | 19 | %R (40-135) |
| CS-DB-2 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDD | 13 | pg/g | | J | i | 38 | %R (40-135) |
| CS-DB-2 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDF | 310 | pg/g | CONB | J | i | 38 | %R (40-135) |
| EE-D10-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDD | 95 | pg/g | | J | i | 37 | %R (40-135) |
| EE-D10-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDF | 610 | pg/g | | J | i | 36 | %R (40-135) |
| EE-D10-1 | G1F080418 | SW8290 | SO | 2,3,4,7,8-PeCDF | 410 | pg/g | | J | i | 36 | %R (40-135) |
| EE-D10-1 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDD | 16 | pg/g | | J | i | 29 | %R (40-135) |
| EE-D10-1 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDF | 230 | pg/g | CONB | J | i | 32 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 80 | pg/g | | J | i | 38 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 2400 | pg/g | GB | J | i | 36 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 220 | pg/g | | J | i | 38 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 1700 | pg/g | GB | J | i | 36 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 190 | pg/g | | J | i | 38 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 300 | pg/g | G | J | i | 36 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDD | 140 | pg/g | | J | i | 31 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDF | 1300 | pg/g | G | J | i | 29 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 430 | pg/g | G | J | i | 36 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 2,3,4,7,8-PeCDF | 830 | pg/g | G | J | i | 29 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDD | 28 | pg/g | | J | i | 24 | %R (40-135) |
| EE-DB-1 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDF | 550 | pg/g | CONB | J | i | 28 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 1500 | pg/g | | J | i | 26 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 7300 | pg/g | EB | J | e,i | 25 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 2400 | pg/g | B | J | i | 25 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 120 | pg/g | | J | i | 22 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 2800 | pg/g | GB | J | i | 18 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 420 | pg/g | | J | i | 22 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 2100 | pg/g | GB | J | i | 18 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 320 | pg/g | | J | i | 22 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 300 | pg/g | G | J | i | 18 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDD | 210 | pg/g | | J | i | 14 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,7,8-PeCDF | 1600 | pg/g | | J | i | 12 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 650 | pg/g | G | J | i | 18 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 2,3,4,7,8-PeCDF | 1100 | pg/g | | J | i | 12 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDD | 35 | pg/g | G | J | i | 8.8 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | 2,3,7,8-TCDF | 590 | pg/g | GCONB | J | i | 9.7 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | OCDD | 1700 | pg/g | B | J | i | 32 | %R (40-135) |
| EE-DB-2 | G1F080418 | SW8290 | SO | OCDF | 28000 | pg/g | EB | J | e,i | 32 | %R (40-135) |
| CS-D25-1 | G1F080478 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 58 | pg/g | B | J | i | 39 | %R (40-135) |
| CS-D25-1 | G1F080478 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 820 | pg/g | B | J | i | 37 | %R (40-135) |
| CS-D25-1 | G1F080478 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 400 | pg/g | B | J | i | 37 | %R (40-135) |
| CS-D25-1 | G1F080478 | SW8290 | SO | OCDD | 64 | pg/g | B | J | i | 28 | %R (40-135) |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | DQI Results | Acceptance Limits |
|-----------|-----------|--------|--------|---------------------|--------|-------|----------------|-----------------------|------------------------|-------------|-------------------|
| CS-D25-1 | G1F080478 | SW8290 | SO | OCDF | 2400 | pg/g | B | J | i | 28 | %R (40-135) |
| CS-D25-2 | G1F080478 | SW8290 | SO | OCDD | 96 | pg/g | B | J | i | 36 | %R (40-135) |
| CS-D25-2 | G1F080478 | SW8290 | SO | OCDF | 3000 | pg/g | B | J | i | 36 | %R (40-135) |
| CS-C15-1 | G1F200452 | SW8290 | SO | OCDD | 18 | pg/g | U | UJ | i | 26 | %R (40-135) |
| CS-C15-1 | G1F200452 | SW8290 | SO | OCDF | 27 | pg/g | JB | J | i,sp | 26 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 59 | pg/g | | J | i | 10 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 690 | pg/g | B | J | i | 10 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 350 | pg/g | B | J | i | 10 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 6.8 | pg/g | | J | i | 20 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 290 | pg/g | B | J | i | 19 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 17 | pg/g | | J | i | 20 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 190 | pg/g | B | J | i | 19 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 14 | pg/g | | J | i | 20 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 45 | pg/g | | J | i | 19 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,7,8-PeCDD | 13 | pg/g | | J | i | 32 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 1,2,3,7,8-PeCDF | 160 | pg/g | B | J | i | 36 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 59 | pg/g | | J | i | 19 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | 2,3,4,7,8-PeCDF | 85 | pg/g | | J | i | 36 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | OCDD | 63 | pg/g | B | J | i | 7.4 | %R (40-135) |
| CS-E11-3 | G1G200427 | SW8290 | SO | OCDF | 1800 | pg/g | B | J | i | 7.4 | %R (40-135) |
| CS-C10B-1 | G1G290418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 130 | pg/g | B | J | i | 35 | %R (40-135) |
| CS-C10B-1 | G1G290418 | SW8290 | SO | OCDD | 130 | pg/g | B | J | i | 29 | %R (40-135) |
| CS-C10B-1 | G1G290418 | SW8290 | SO | OCDF | 3500 | pg/g | B | J | i | 29 | %R (40-135) |
| CS-D25A-1 | G1H050420 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 74 | pg/g | B | J | i | 35 | %R (40-135) |
| CS-D25A-1 | G1H050420 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 760 | pg/g | B | J | i | 35 | %R (40-135) |
| CS-D25A-1 | G1H050420 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 330 | pg/g | B | J | i | 35 | %R (40-135) |
| CS-D25A-1 | G1H050420 | SW8290 | SO | OCDD | 85 | pg/g | JB | J | i,sp | 26 | %R (40-135) |
| CS-D25A-1 | G1H050420 | SW8290 | SO | OCDF | 2300 | pg/g | B | J | i | 26 | %R (40-135) |
| CS-D25A-2 | G1H050420 | SW8290 | SO | OCDD | 1800 | pg/g | B | J | i | 39 | %R (40-135) |
| CS-D25A-2 | G1H050420 | SW8290 | SO | OCDF | 69000 | pg/g | EB | J | e,i | 39 | %R (40-135) |
| CS-D31A-1 | G1I010460 | SW8290 | SO | OCDD | 12 | pg/g | B | J | i | 35 | %R (40-135) |
| CS-D31A-1 | G1I010460 | SW8290 | SO | OCDF | 26 | pg/g | B | J | i | 35 | %R (40-135) |

ATTACHMENT F

Qualifications based on Serial Dilution Exceedances

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | %D | Acceptance Limit |
|-----------|-------------|--------|--------|-----------|--------|-------|----------------|-----------------------|------------------------|------|------------------|
| CS-C06-1 | 280-14714-1 | SW6010 | SO | Magnesium | 9200 | mg/kg | | J | sd | 14 | 10 |
| CS-C15-1 | 280-17185-1 | SW6010 | SO | Manganese | 5400 | mg/kg | B | J | sd | 18 | 10 |
| EE-C13-1 | 280-17185-2 | SW6010 | SO | Manganese | 490 | mg/kg | B | J | sd | 18 | 10 |
| EE-C15-1 | 280-17185-2 | SW6010 | SO | Manganese | 7900 | mg/kg | B | J | sd | 18 | 10 |
| EE-C15-2 | 280-17185-2 | SW6010 | SO | Manganese | 22000 | mg/kg | B | J | sd | 18 | 10 |
| CS-C22A-1 | 280-17365-1 | SW6010 | SO | Manganese | 2600 | mg/kg | | J | sd | 16 | 10 |
| CS-C26-1 | 280-17365-1 | SW6010 | SO | Manganese | 280 | mg/kg | | J | sd | 16 | 10 |
| CS-D23-1 | 280-17578-1 | SW6010 | SO | Magnesium | 13000 | mg/kg | | J | m,sd | 12 | 10 |
| CS-D23-2 | 280-17578-1 | SW6010 | SO | Magnesium | 9400 | mg/kg | | J | m,sd | 12 | 10 |
| CS-D23-3 | 280-17578-1 | SW6010 | SO | Magnesium | 8700 | mg/kg | | J | m,sd | 12 | 10 |
| CS-D23-4 | 280-17578-1 | SW6010 | SO | Magnesium | 8300 | mg/kg | | J | m,sd | 12 | 10 |
| CS-C10B-1 | 280-18594-1 | SW6010 | SO | Cobalt | 6.4 | mg/kg | | J | sd | 15 | 10 |
| CS-C10B-1 | 280-18594-1 | SW6010 | SO | Magnesium | 18000 | mg/kg | | J | m,sd | 11 | 10 |
| CS-C10B-1 | 280-18594-1 | SW6010 | SO | Manganese | 490 | mg/kg | | J | sd | 17 | 10 |
| CS-C44-1 | G1E180550 | SW6010 | SO | Cobalt | 131 | mg/kg | | J- | m,sd | 19.9 | 10 |
| CS-D24-1 | G1F080478 | SW6020 | SO | Arsenic | 156 | mg/kg | | J | sd | 16.6 | 10 |
| CS-D25-1 | G1F080478 | SW6020 | SO | Arsenic | 7.9 | mg/kg | | J | sd | 16.6 | 10 |
| CS-D25-2 | G1F080478 | SW6020 | SO | Arsenic | 2.6 | mg/kg | | J | sd | 16.6 | 10 |
| EE-D25-1 | G1F080478 | SW6020 | SO | Arsenic | 226 | mg/kg | | J | sd | 16.6 | 10 |

ATTACHMENT G

Qualifications based on Field Duplicate Exceedances

| Sample ID | SDG | Method | Matrix | Analyte | Result | RL | Units | Lab Qualifiers | Validation Qualifier | Validation Reason Code | RPD | Limits | Difference | Diff Limit |
|------------------------|------------|-------------|--------|------------------------|--------|------|-------|----------------|----------------------|------------------------|-----|--------|------------|------------|
| SSAQ6-02-0.3_01_BPC | 280-12420- | SW8270C | SO | Benzo(b)fluoranthene | 850 | 380 | ug/kg | | J | fd | | | 750 | 380 |
| SSAQ6-02-0.3_01_BPC | 280-12420- | SW8270C | SO | Chrysene | 470 | 380 | ug/kg | | J | fd | | | 480 | 380 |
| SSAQ6-02-0.3_01_BPC | 280-12420- | SW8270C | SO | Fluoranthene | 760 | 380 | ug/kg | | J | fd | | | 940 | 380 |
| SSAQ6-02-0.3_01_BPC | 280-12420- | SW8270C | SO | Pyrene | 590 | 380 | ug/kg | | J | fd | | | 710 | 380 |
| SSAQ6-02-0.3_01_BPC_FD | 280-12420- | SW8270C | SO | Benzo(b)fluoranthene | 1600 | 380 | ug/kg | | J | fd | | | 750 | 380 |
| SSAQ6-02-0.3_01_BPC_FD | 280-12420- | SW8270C | SO | Chrysene | 950 | 380 | ug/kg | | J | fd | | | 480 | 380 |
| SSAQ6-02-0.3_01_BPC_FD | 280-12420- | SW8270C | SO | Fluoranthene | 1700 | 380 | ug/kg | | J | fd | | | 940 | 380 |
| SSAQ6-02-0.3_01_BPC_FD | 280-12420- | SW8270C | SO | Pyrene | 1300 | 380 | ug/kg | | J | fd | | | 710 | 380 |
| EE-E14B-1 | 280-16501- | SW8270C | SO | Hexachlorobenzene | 33000 | 3700 | ug/kg | | J | fd | 100 | 50 | | |
| EE-E14B-2 | 280-16501- | SW8270C | SO | Hexachlorobenzene | 11000 | 1400 | ug/kg | | J- | s,fd | 100 | 50 | | |
| DS-C24-1 | G1E040615 | SW8270C | SO | Butyl Benzyl Phthalate | 15000 | 1700 | ug/kg | Q | J | fd | | | 14660 | 1700 |
| DS-C24-2 | G1E040615 | SW8270C | SO | Butyl Benzyl Phthalate | 98 | 340 | ug/kg | U | UJ | fd | | | 14660 | 1700 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Benzo(a)anthracene | 360 | 200 | ug/kg | | J | fd | | | 540 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Benzo(a)pyrene | 460 | 200 | ug/kg | | J | fd | | | 470 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Benzo(b)fluoranthene | 900 | 200 | ug/kg | | J | fd | | | 600 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Benzo(ghi)perylene | 500 | 200 | ug/kg | | J | fd | | | 280 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Benzo(k)fluoranthene | 620 | 200 | ug/kg | | J | fd | | | 480 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Chrysene | 740 | 200 | ug/kg | | J | fd | | | 660 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Fluoranthene | 710 | 200 | ug/kg | | J | fd | | | 890 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Indeno(1,2,3-cd)pyrene | 450 | 200 | ug/kg | | J | fd | | | 260 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Phenanthrene | 180 | 200 | ug/kg | J | J | fd,sp | | | 410 | 220 |
| DS-C24-1 | G1E040615 | SW8270C SIM | SO | Pyrene | 720 | 200 | ug/kg | | J | fd | | | 980 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Benzo(a)anthracene | 900 | 220 | ug/kg | | J | fd | | | 540 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Benzo(a)pyrene | 930 | 220 | ug/kg | | J | fd | | | 470 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Benzo(b)fluoranthene | 1500 | 220 | ug/kg | | J | fd | | | 600 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Benzo(ghi)perylene | 780 | 220 | ug/kg | | J | fd | | | 280 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Benzo(k)fluoranthene | 1100 | 220 | ug/kg | | J | fd | | | 480 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Chrysene | 1400 | 220 | ug/kg | | J | fd | | | 660 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Fluoranthene | 1600 | 220 | ug/kg | | J | fd | | | 890 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Indeno(1,2,3-cd)pyrene | 710 | 220 | ug/kg | | J | fd | | | 260 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Phenanthrene | 590 | 220 | ug/kg | | J | fd | | | 410 | 220 |
| DS-C24-2 | G1E040615 | SW8270C SIM | SO | Pyrene | 1700 | 220 | ug/kg | | J | fd | | | 980 | 220 |
| SSAO5-09-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 240 | 56 | pg/g | | J | fd | | | 80 | 56 |
| SSAO5-09-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 230 | 56 | pg/g | | J | fd | | | 60 | 56 |
| SSAO5-09-0.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 350 | 86 | pg/g | G | J | fd | | | 100 | 86 |
| SSAO5-09-0.0_01_BPC | G1B120441 | SW8290 | SO | 2,3,7,8-TCDD | 48 | 11 | pg/g | | J | fd | | | 12 | 11 |
| SSAO5-09-0.0_01_BPC_FD | G1B120441 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 320 | 55 | pg/g | | J | fd | | | 80 | 56 |
| SSAO5-09-0.0_01_BPC_FD | G1B120441 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 290 | 55 | pg/g | | J | fd | | | 60 | 56 |
| SSAO5-09-0.0_01_BPC_FD | G1B120441 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 450 | 86 | pg/g | G | J | fd | | | 100 | 86 |
| SSAO5-09-0.0_01_BPC_FD | G1B120441 | SW8290 | SO | 2,3,7,8-TCDD | 60 | 11 | pg/g | | J | fd | | | 12 | 11 |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 3800 | 62 | pg/g | B | J | c,fd | 110 | 50 | | |

| Sample ID | SDG | Method | Matrix | Analyte | Result | RL | Units | Lab Qualifiers | Validation Qualifier | Validation Reason Code | RPD | Limits | Difference | Diff Limit |
|------------------------|------------|--------|--------|---------------------|--------|--------|-------|----------------|----------------------|------------------------|-----|--------|------------|------------|
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 27000 | 62 | pg/g | E B | J | e,fd | 158 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 11000 | 62 | pg/g | B | J | fd | 172 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 610 | 62 | pg/g | B | J | fd | 144 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 14000 | 140 | pg/g | G B | J | fd | 154 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 1100 | 62 | pg/g | B | J | fd | 103 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 7500 | 110 | pg/g | G B | J | fd | 149 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 990 | 62 | pg/g | B | J | fd | 95 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 1100 | 150 | pg/g | G B | J | fd | 164 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PeCDD | 700 | 62 | pg/g | B | J | fd | 122 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PeCDF | 7400 | 76 | pg/g | G B | J | fd | 148 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 1700 | 120 | pg/g | G B | J | fd | 142 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 2,3,4,7,8-PeCDF | 4000 | 77 | pg/g | G B | J | fd | 144 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDD | 260 | 12 | pg/g | B | J | fd | 153 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 5000 | 12 | pg/g | E CON B | J | e,fd | 170 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | OCDD | 3800 | 120 | pg/g | B | J | fd | 117 | 50 | | |
| DS-DB-1 | G1D220435 | SW8290 | SO | OCDF | 100000 | 120 | pg/g | E B | J | e,fd | 157 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 1100 | 3.2 | pg/g | B | J | fd | 110 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 3200 | 3.2 | pg/g | E B | J | e,fd | 158 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 830 | 3.2 | pg/g | B | J | fd | 172 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 99 | 3.2 | pg/g | B | J | fd | 144 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 1800 | 3.2 | pg/g | E B | J | e,fd | 154 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 350 | 3.2 | pg/g | B | J | fd | 103 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 1100 | 3.2 | pg/g | B | J | fd | 149 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 350 | 3.2 | pg/g | B | J | fd | 95 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 110 | 3.2 | pg/g | B | J | fd | 164 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PeCDD | 170 | 3.2 | pg/g | B | J | fd | 122 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PeCDF | 1100 | 3.2 | pg/g | B | J | fd | 148 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 290 | 3.2 | pg/g | B | J | fd | 142 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 2,3,4,7,8-PeCDF | 650 | 3.2 | pg/g | B | J | fd | 144 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDD | 35 | 0.64 | pg/g | B | J | fd | 153 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 400 | 0.64 | pg/g | CON B E | J | e,fd | 170 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | OCDD | 1000 | 6.4 | pg/g | B | J | fd | 117 | 50 | | |
| DS-DB-2 | G1D220435 | SW8290 | SO | OCDF | 12000 | 6.4 | pg/g | E B | J | e,fd | 157 | 50 | | |
| SSAO5-09-0.0_01_BPC | 280-12451- | SW6020 | SO | Arsenic | 11 | 0.67 | mg/kg | | J | fd | 72 | 50 | | |
| SSAO5-09-0.0_01_BPC FD | 280-12451- | SW6020 | SO | Arsenic | 5.2 | 0.67 | mg/kg | | J | fd | 72 | 50 | | |
| EE-E08A-1 | G1E050552 | E314.0 | SO | Perchlorate | 205000 | 206000 | ug/kg | Q | J | fd | 86 | 50 | | |
| EE-E08A-2 | G1E050552 | E314.0 | SO | Perchlorate | 818000 | 206000 | ug/kg | Q | J | fd | 86 | 50 | | |

ATTACHMENT H

Qualifications based on Quantitation Issues

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|------------------------|-------------|---------|--------|----------------------|--------|-------|----------------|-----------------------|------------------------|
| DS-E16-1 | 280-14718-1 | SW8270C | SO | Benzo[b]fluoranthene | 85000 | ng/kg | K | J | q |
| DS-E16-1 | 280-14718-1 | SW8270C | SO | Benzo[k]fluoranthene | 150 | ng/kg | U K | UJ | q |
| EE-C24-2 | 280-17578-2 | SW8270C | SO | Benzo[b]fluoranthene | 140 | ug/kg | JK | J | q,sp |
| EE-C24-2 | 280-17578-2 | SW8270C | SO | Benzo[k]fluoranthene | 40 | ug/kg | UK | UJ | q |
| SSAO5-09-0.0_01_BPC | 280-12451-1 | SW8270C | SO | Benzo[b]fluoranthene | 42 | ug/kg | JK | J | q,sp |
| SSAO5-09-0.0_01_BPC | 280-12451-1 | SW8270C | SO | Benzo[k]fluoranthene | 45 | ug/kg | UK | UJ | nd,q |
| SSAO5-09-0.0_01_BPC FD | 280-12451-1 | SW8270C | SO | Benzo[b]fluoranthene | 43 | ug/kg | JK | J | q,sp |
| SSAO5-09-0.0_01_BPC FD | 280-12451-1 | SW8270C | SO | Benzo[k]fluoranthene | 46 | ug/kg | UK | UJ | nd,q |
| DS-E14A-1 | G1D260453 | SW8081A | SO | alpha-BHC | 12000 | ug/kg | J Q | J | dc |
| CS-DC-1 | G1E040615 | SW8280A | SO | 1,2,3,7,8,9-HxCDD | 0.099 | ng/g | J Q | JK | k,sp |
| CS-DC-2 | G1E040615 | SW8280A | SO | 1,2,3,7,8,9-HxCDF | 0.35 | ng/g | J Q | JK | k,sp |
| CS-DC-2 | G1E040615 | SW8280A | SO | 1,2,3,7,8-PECDD | 0.11 | ng/g | J Q | JK | k,sp |
| CS-C30-1 | G1E050547 | SW8280A | SO | OCDF | 68 | ng/g | E | J | e |
| EE-C18-1 | G1E170481 | SW8280A | SO | 1,2,3,7,8,9-HxCDF | 4.7 | ng/g | J Q | JK | k,sp |
| EE-C18-1 | G1E170481 | SW8280A | SO | 1,2,3,7,8-PECDD | 0.50 | ng/g | J Q | JK | k,sp |
| EE-D02-1 | G1E170481 | SW8280A | SO | 1,2,3,7,8-PECDD | 0.59 | ng/g | J Q | JK | k,sp |
| EE-E14-1 | G1F030418 | SW8280A | SO | OCDF | 530 | ng/g | E | J | e |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,6,7,8-HxCDD | 0.75 | pg/l | J Q B | JK | bl,k |
| SSAJ2-07-2.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 0.23 | pg/g | J Q B | JK | bl,k |
| SSAJ2-07-2.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,4,7,8-PeCDF | 0.36 | pg/g | J Q B | JK | bl,k |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 0.12 | pg/g | J Q B | JK | bl,k |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 0.11 | pg/g | J Q B | JK | bl,k |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,7,8-TCDF | 0.42 | pg/g | Q J | JK | k |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | OCDD | 0.74 | pg/g | J Q B | JK | bl,k |
| SSAO5-08-3.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 1.7 | pg/g | J Q B | JK | k |
| SSAO5-08-3.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8-PeCDD | 1.1 | pg/g | J Q B | JK | k |
| SSAO5-08-3.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,7,8-TCDD | 0.42 | pg/g | J Q | JK | k |
| SSAO6-06-1.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 11000 | pg/g | E B | J | e |
| SSAO6-06-1.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,7,8-TCDF | 1300 | pg/g | E G CON | J | e |
| SSAO6-06-1.0_01_BPC | G1B110461 | SW8290 | SO | OCDF | 38000 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 8300 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 3800 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 3400 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 2500 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8-PeCDF | 1500 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC | G1B110461 | SW8290 | SO | 2,3,7,8-TCDF | 1500 | pg/g | E G CON | J | e |
| SSAQ6-02-0.3_01_BPC | G1B110461 | SW8290 | SO | OCDF | 27000 | pg/g | E G B | J | e |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|------------------------|-----------|--------|--------|---------------------|--------|-------|----------------|-----------------------|------------------------|
| SSAQ6-02-0.3_01_BPC_FD | G1B110461 | SW8290 | SQ | 1,2,3,4,6,7,8-HpCDF | 7200 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC_FD | G1B110461 | SW8290 | SQ | 1,2,3,4,7,8,9-HpCDF | 3200 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC_FD | G1B110461 | SW8290 | SQ | 1,2,3,4,7,8-HxCDF | 2700 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC_FD | G1B110461 | SW8290 | SQ | 1,2,3,6,7,8-HxCDF | 2100 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC_FD | G1B110461 | SW8290 | SQ | 1,2,3,7,8-PeCDF | 1300 | pg/g | E G B | J | e |
| SSAQ6-02-0.3_01_BPC_FD | G1B110461 | SW8290 | SQ | 2,3,7,8-TCDF | 1300 | pg/g | E G CON | J | e |
| SSAQ6-02-0.3_01_BPC_FD | G1B110461 | SW8290 | SQ | OCDF | 22000 | pg/g | E G B | J | e |
| SSAI3-08-10.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 4800 | pg/g | E | J | e |
| SSAI3-08-10.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 2300 | pg/g | E | J | e |
| SSAI3-08-10.0_01_BPC | G1B120441 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 1400 | pg/g | E | J | e |
| SSAI3-08-10.0_01_BPC | G1B120441 | SW8290 | SO | 2,3,7,8-TCDF | 640 | pg/g | CON E G | J | e |
| SSAI3-08-10.0_01_BPC | G1B120441 | SW8290 | SO | OCDF | 8500 | pg/g | E | J | e |
| SSAJ3-10-0.0_01_BPC | G1B120441 | SW8290 | SO | 2,3,7,8-TCDF | 12 | pg/g | CON Q G | JK | k |
| SSAO5-09-0.0_01_BPC | G1B120441 | SW8290 | SO | 2,3,7,8-TCDF | 1100 | pg/g | CON E G | J | e |
| SSAO5-09-0.0_01_BPC_FD | G1B120441 | SW8290 | SO | 2,3,7,8-TCDF | 1200 | pg/g | E CON G | J | e |
| DS-C39B-1 | G1D150604 | SW8290 | SO | OCDF | 39000 | pg/g | E | J | e |
| DS-D27-1 | G1D150604 | SW8290 | SO | OCDF | 25000 | pg/g | E | J | e |
| DS-D27-2 | G1D150604 | SW8290 | SO | OCDF | 33000 | pg/g | E G | J | e,i |
| CS-C06-1 | G1D150605 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 0.90 | pg/g | J Q B | JK | i,k,sp |
| CS-C06-1 | G1D150605 | SW8290 | SO | OCDD | 3.9 | pg/g | Q J | JK | bl,i,k |
| DS-E16-1 | G1D150605 | SW8290 | SO | OCDF | 540000 | pg/g | E G | J | e |
| DS-C08-1 | G1D210492 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 41000 | pg/g | E G B | J | e |
| DS-C08-1 | G1D210492 | SW8290 | SO | 2,3,7,8-TCDF | 2700 | pg/g | E G CON | J | e |
| DS-C08-1 | G1D210492 | SW8290 | SO | OCDF | 100000 | pg/g | E G B | J | e |
| DS-C09A-1 | G1D210492 | SW8290 | SO | 2,3,7,8-TCDF | 760 | pg/g | E CON | J | e |
| DS-C10-1 | G1D210492 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 6700 | pg/g | E G B | J | e |
| DS-C10-1 | G1D210492 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 2600 | pg/g | E G B | J | e |
| DS-C10-1 | G1D210492 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 2500 | pg/g | E G B | J | e |
| DS-C10-1 | G1D210492 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 1300 | pg/g | E G B | J | e |
| DS-C10-1 | G1D210492 | SW8290 | SO | 1,2,3,7,8-PECDF | 1200 | pg/g | E G | J | e |
| DS-C10-1 | G1D210492 | SW8290 | SO | 2,3,7,8-TCDF | 530 | pg/g | E CON | J | e |
| DS-C10-1 | G1D210492 | SW8290 | SO | OCDF | 17000 | pg/g | E G B | J | e |
| DS-C10A-1 | G1D210492 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 60000 | pg/g | E B | J | e |
| DS-C10A-1 | G1D210492 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 29000 | pg/g | E G B | J | e |
| DS-C10A-1 | G1D210492 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 1600 | pg/g | E G H | J | e |
| DS-C10A-1 | G1D210492 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 1700 | pg/g | E G H | J | e |
| DS-C10A-1 | G1D210492 | SW8290 | SO | 2,3,7,8-TCDF | 4200 | pg/g | E G CON | J | e |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|-----------|-----------|--------|--------|---------------------|----------|-------|----------------|-----------------------|------------------------|
| DS-C10A-1 | G1D210492 | SW8290 | SO | OCDF | 120000 | pg/g | E G B | J | e |
| DS-C11-1 | G1D210492 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 4100 | pg/g | E G B | J | e |
| DS-C11-1 | G1D210492 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1700 | pg/g | E G B | J | e |
| DS-C11-1 | G1D210492 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1500 | pg/g | E G B | J | e |
| DS-C11-1 | G1D210492 | SW8290 | SO | 2,3,7,8-TCDF | 400 | pg/g | E CON | J | e |
| DS-C11-1 | G1D210492 | SW8290 | SO | OCDF | 15000 | pg/g | E G B | J | e |
| DS-C19-1 | G1D210492 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 5700 | pg/g | E B | J | e |
| DS-C19-1 | G1D210492 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 2100 | pg/g | E G B | J | e |
| DS-C19-1 | G1D210492 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 2000 | pg/g | E G B | J | e |
| DS-C19-1 | G1D210492 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 1200 | pg/g | E G B | J | e |
| DS-C19-1 | G1D210492 | SW8290 | SO | 2,3,7,8-TCDF | 510 | pg/g | E CON | J | e |
| DS-C19-1 | G1D210492 | SW8290 | SO | OCDF | 19000 | pg/g | E G B | J | e |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDD | 0.098 | pg/g | J Q B | JK | bl,k |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDD | 0.25 | pg/g | J Q B | JK | bl,k |
| CS-C08-2 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 210 | pg/g | E CON B | J | e |
| DS-D23-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 12000000 | pg/g | E G B | J | e |
| DS-D23-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 4400000 | pg/g | E G B | J | e |
| DS-D23-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 4300000 | pg/g | E G B | J | e |
| DS-D23-1 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 2600000 | pg/g | E G B | J | e |
| DS-D23-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PECDF | 2200000 | pg/g | E G B | J | e |
| DS-D23-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 780000 | pg/g | E B CON | J | e |
| DS-D23-1 | G1D220435 | SW8290 | SO | OCDF | 30000000 | pg/g | E G B | J | e |
| DS-DB-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 27000 | pg/g | E B | J | e,fd |
| DS-DB-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 5000 | pg/g | E CON B | J | e,fd |
| DS-DB-1 | G1D220435 | SW8290 | SO | OCDF | 100000 | pg/g | E B | J | e,fd |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 3200 | pg/g | E B | J | e,fd |
| DS-DB-2 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1800 | pg/g | E B | J | e,fd |
| DS-DB-2 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 400 | pg/g | CON B E | J | e,fd |
| DS-DB-2 | G1D220435 | SW8290 | SO | OCDF | 12000 | pg/g | E B | J | e,fd |
| DS-DC-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 2000 | pg/g | E B | J | e |
| DS-DC-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 7200 | pg/g | E B | J | e |
| DS-DC-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 2500 | pg/g | E B | J | e |
| DS-DC-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 3900 | pg/g | E B | J | e |
| DS-DC-1 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 2300 | pg/g | E B | J | e |
| DS-DC-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PECDF | 2300 | pg/g | E B | J | e |
| DS-DC-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 690 | pg/g | CON E B | J | e |
| DS-DC-1 | G1D220435 | SW8290 | SO | OCDF | 29000 | pg/g | E B | J | e |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|-----------|-----------|--------|--------|---------------------|---------|-------|----------------|-----------------------|------------------------|
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 570000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 4300000 | pg/g | E G B S | J | e,l |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 3400000 | pg/g | E G B S | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1900000 | pg/g | E G Q B | JK | e,k,l |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 170000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 1700000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 140000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 330000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,7,8-PECDD | 120000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 1,2,3,7,8-PECDF | 1800000 | pg/g | E G B | J | e,l |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 410000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 2,3,4,7,8-PECDF | 970000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 2,3,7,8-TCDD | 43000 | pg/g | E G B | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | 2,3,7,8-TCDF | 1100000 | pg/g | E G CON | J | e,l |
| DS-E14A-1 | G1D260453 | SW8290 | SO | OCDD | 490000 | pg/g | E G B S | J | e |
| DS-E14A-1 | G1D260453 | SW8290 | SO | OCDF | 8500000 | pg/g | E G B S | J | e,l |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 360000 | pg/g | E G B | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 3200000 | pg/g | E G B S | J | e,l |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 2100000 | pg/g | E G B S | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1600000 | pg/g | E G B | J | e,l |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 1000000 | pg/g | E G B | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 250000 | pg/g | E G B | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 1,2,3,7,8-PECDF | 950000 | pg/g | E G B | J | e,l |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 220000 | pg/g | E G B | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 2,3,4,7,8-PECDF | 380000 | pg/g | E G B | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 2,3,7,8-TCDD | 26000 | pg/g | E G B | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | 2,3,7,8-TCDF | 650000 | pg/g | E G CON | J | e,l |
| DS-E14A-2 | G1D260453 | SW8290 | SO | OCDD | 330000 | pg/g | E B SAT | J | e |
| DS-E14A-2 | G1D260453 | SW8290 | SO | OCDF | 6600000 | pg/g | E G B S | J | e,l |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.21 | pg/g | J Q | JK | k,sp |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.18 | pg/g | J Q B | JK | bl,k |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.27 | pg/g | J Q | JK | k,sp |
| DS-D06A-1 | G1D280608 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 4.3 | pg/g | J Q | JK | k,sp |
| EB-C07A-1 | G1D280608 | SW8290 | WG | 1,2,3,4,6,7,8-HPCDF | 5.3 | pg/l | J Q B | JK | bl,k |
| EB-C07A-1 | G1D280608 | SW8290 | WG | 1,2,3,4,7,8-HXCDF | 2.6 | pg/l | J Q | JK | k,sp |
| EB-C07A-1 | G1D280608 | SW8290 | WG | 1,2,3,6,7,8-HXCDF | 2.4 | pg/l | J Q | JK | k,sp |
| EB-C07A-1 | G1D280608 | SW8290 | WG | OCDF | 6.5 | pg/l | J Q B | JK | bl,k |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|-----------|-----------|--------|--------|---------------------|--------|-------|----------------|-----------------------|------------------------|
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.34 | pg/g | J Q B | JK | bl,i,k |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 0.40 | pg/g | J Q B | JK | bl,i,k |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 0.13 | pg/g | J Q | JK | k,sp |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 0.91 | pg/g | J Q B | JK | bl,k |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.22 | pg/g | J Q | JK | k,sp |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 0.28 | pg/g | J Q B | JK | bl,k |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 0.21 | pg/g | J Q B | JK | bl,k |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,7,8-PECDF | 1.1 | pg/g | J Q | JK | k,sp |
| DS-C18-1 | G1E040615 | SW8290 | SO | 2,3,4,7,8-PECDF | 0.34 | pg/g | J Q | JK | k,sp |
| DS-C18-2 | G1E040615 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 0.83 | pg/g | J Q B | JK | k,sp |
| CS-E08A-1 | G1E050552 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 0.44 | pg/g | J Q | JK | k,sp |
| CS-E11-1 | G1E050552 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 130000 | pg/g | G Q | JK | k |
| CS-E11-1 | G1E050552 | SW8290 | SO | 1,2,3,7,8-PECDD | 3500 | pg/g | Q | JK | k |
| CS-E11-1 | G1E050552 | SW8290 | SO | 2,3,7,8-TCDD | 1200 | pg/g | Q | JK | k |
| EE-E08A-1 | G1E050552 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 2000 | pg/g | J Q | JK | k,sp |
| EE-E08A-2 | G1E050552 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 6400 | pg/g | J Q | JK | k,sp |
| EE-E08A-2 | G1E050552 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 2000 | pg/g | J Q | JK | k,sp |
| EE-E09-1 | G1E050552 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 2700 | pg/g | E G | J | e |
| EE-E09-1 | G1E050552 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1300 | pg/g | E G | J | e |
| EE-E09-1 | G1E050552 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1700 | pg/g | E G | J | e |
| EE-E09-1 | G1E050552 | SW8290 | SO | 2,3,7,8-TCDF | 540 | pg/g | E G CON | J | e |
| EE-E09-1 | G1E050552 | SW8290 | SO | OCDF | 8600 | pg/g | E B | J | e |
| DS-D06A-2 | G1E110471 | SW8290 | SO | 1,2,3,7,8-PECDF | 0.44 | pg/g | J Q | JK | k,sp |
| CS-C10A-1 | G1E170481 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 2.0 | pg/g | J Q | JK | k,sp |
| CS-C10A-1 | G1E170481 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 3.9 | pg/g | J Q | JK | k,sp |
| CS-C10A-1 | G1E170481 | SW8290 | SO | 2,3,7,8-TCDD | 0.91 | pg/g | J Q | JK | k,sp |
| CS-E14A-2 | G1E180549 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 1.1 | pg/g | J Q | JK | k,sp |
| CS-E14A-2 | G1E180549 | SW8290 | SO | 2,3,7,8-TCDD | 0.48 | pg/g | J Q | JK | k,sp |
| EB-E14A-2 | G1E180549 | SW8290 | WG | 1,2,3,4,6,7,8-HPCDF | 1.0 | pg/l | J Q B | JK | bl,k |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1.3 | pg/g | J Q B | JK | bl,k |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.26 | pg/g | J Q | JK | k,sp |
| CS-C44-1 | G1E180550 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.20 | pg/g | J Q B | JK | bl,k |
| CS-C44-1 | G1E180550 | SW8290 | SO | 2,3,4,7,8-PECDF | 0.57 | pg/g | J Q | JK | k,sp |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 1.8 | pg/g | J Q | JK | k,sp |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 4.5 | pg/g | J Q B | JK | bl,k |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.75 | pg/g | J Q | JK | c,k,sp |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 2,3,4,7,8-PECDF | 1.5 | pg/g | J Q | JK | k,sp |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|-----------|-----------|--------|--------|---------------------|--------|-------|----------------|-----------------------|------------------------|
| CS-E14B-1 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 0.94 | pg/g | J Q B | JK | k,sp |
| CS-E14B-1 | G1F030418 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.56 | pg/g | J Q | JK | k,sp |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 1.1 | pg/g | J Q B | JK | i,k,sp |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 0.25 | pg/g | J Q | JK | i,k,sp |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.40 | pg/g | J Q | JK | i,k,sp |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.28 | pg/g | J Q | JK | i,k,sp |
| CS-E14C-1 | G1F030418 | SW8290 | SO | 2,3,4,7,8-PECDF | 1.4 | pg/g | J Q | JK | k,sp |
| EB-E14B-1 | G1F030418 | SW8290 | WG | 1,2,3,4,6,7,8-HPCDF | 9.3 | pg/l | J Q B | JK | bl,k |
| EB-E14B-1 | G1F030418 | SW8290 | WG | 1,2,3,4,7,8-HXCDF | 12 | pg/l | J Q | JK | k,sp |
| EB-E14B-1 | G1F030418 | SW8290 | WG | 1,2,3,6,7,8-HXCDF | 5.1 | pg/l | J Q | JK | k,sp |
| EB-E14B-1 | G1F030418 | SW8290 | WG | 2,3,4,6,7,8-HXCDF | 3.2 | pg/l | J Q | JK | k,sp |
| EB-E14B-1 | G1F030418 | SW8290 | WG | OCDF | 12 | pg/l | J Q | JK | k,sp |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 1.4 | pg/g | J Q B | JK | bl,i,k |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.21 | pg/g | J Q | JK | k,sp |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 0.37 | pg/g | J Q B | JK | bl,k |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,7,8-PECDF | 0.57 | pg/g | J Q | JK | k,sp |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.30 | pg/g | J Q | JK | k,sp |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 2,3,7,8-TCDF | 0.63 | pg/g | J Q | JK | k,sp |
| CS-DC-4 | G1F030428 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 3.2 | pg/g | J Q B | JK | k,sp |
| CS-DC-4 | G1F030428 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.36 | pg/g | J Q | JK | k,sp |
| CS-DC-4 | G1F030428 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 0.67 | pg/g | J Q | JK | k,sp |
| CS-DC-4 | G1F030428 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.68 | pg/g | J Q | JK | k,sp |
| CS-DC-4 | G1F030428 | SW8290 | SO | 2,3,7,8-TCDF | 1.2 | pg/g | Q CON | JK | k |
| CS-DC-4 | G1F030428 | SW8290 | SO | OCDD | 2.0 | pg/g | J Q B | JK | bl,k |
| CS-D10-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 3.1 | pg/g | JQ | JK | k,sp |
| CS-D10-1 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 2.7 | pg/g | JQ | JK | k,sp |
| CS-D10A-1 | G1F080418 | SW8290 | SO | OCDD | 3.7 | pg/g | JQB | JK | k,sp |
| CS-D10A-1 | G1F080418 | SW8290 | SO | OCDF | 4.9 | pg/g | JQ | JK | k,sp |
| CS-D10B-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 2.6 | pg/g | JQ | JK | k,sp |
| CS-D10B-1 | G1F080418 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 3.3 | pg/g | JQ | JK | k,sp |
| CS-D10B-1 | G1F080418 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 1.6 | pg/g | JQ | JK | k,sp |
| CS-D10B-1 | G1F080418 | SW8290 | SO | OCDF | 15 | pg/g | JQ | JK | k,sp |
| CS-DA-1 | G1F080418 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 0.52 | pg/g | JQ | JK | i,k,sp |
| CS-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 3800 | pg/g | EB | J | e |
| CS-DB-2 | G1F080418 | SW8290 | SO | OCDF | 11000 | pg/g | EB | J | e |
| EE-D10-1 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 3000 | pg/g | EB | J | e |
| EE-D10-1 | G1F080418 | SW8290 | SO | OCDF | 14000 | pg/g | EB | J | e |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|-----------|-----------|--------|--------|---------------------|--------|-------|----------------|-----------------------|------------------------|
| EE-DB-1 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 6500 | pg/g | EB | J | e |
| EE-DB-1 | G1F080418 | SW8290 | SO | OCDF | 26000 | pg/g | EGB | J | e |
| EE-DB-2 | G1F080418 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 7300 | pg/g | EB | J | e,i |
| EE-DB-2 | G1F080418 | SW8290 | SO | OCDF | 28000 | pg/g | EB | J | e,i |
| CS-DB-1 | G1F090500 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 1.5 | pg/g | JQB | JK | k,sp |
| CS-DB-1 | G1F090500 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 1.6 | pg/g | JQB | JK | k,sp |
| CS-DB-1 | G1F090500 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 1.0 | pg/g | JQB | JK | k,sp |
| CS-DB-1 | G1F090500 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 0.43 | pg/g | JQB | JK | bl,k |
| CS-DB-3 | G1F090500 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 2.6 | pg/g | JQB | JK | k,sp |
| CS-DB-3 | G1F090500 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 1.2 | pg/g | JQB | JK | k,sp |
| CS-DB-3 | G1F090500 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 2.0 | pg/g | JQB | JK | k,sp |
| CS-DB-3 | G1F090500 | SW8290 | SO | 2,3,4,7,8-PeCDF | 6.3 | pg/g | JQ | JK | k,sp |
| CS-DB-3 | G1F090500 | SW8290 | SO | 2,3,7,8-TCDF | 7.7 | pg/g | JQCON | JK | k,sp |
| CS-C11-1 | G1F200452 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 1.9 | pg/g | JQB | JK | k,sp |
| CS-D24-2 | G1F200452 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 23000 | pg/g | EB | J | e |
| CS-D24-2 | G1F200452 | SW8290 | SO | OCDF | 79000 | pg/g | EB | J | e |
| CS-D24-3 | G1F200452 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 4.0 | pg/g | JQ | JK | k,sp |
| CS-D24-3 | G1F200452 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 26 | pg/g | JQ | JK | k,sp |
| CS-D24-3 | G1F200452 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 11 | pg/g | JQ | JK | k,sp |
| CS-D24-3 | G1F200452 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 5.2 | pg/g | JQ | JK | k,sp |
| CS-D24-3 | G1F200452 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 2.0 | pg/g | JQ | JK | k,sp |
| CS-D24-3 | G1F200452 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 1.9 | pg/g | JQ | JK | k,sp |
| CS-D24-3 | G1F200452 | SW8290 | SO | 2,3,7,8-TCDF | 6.0 | pg/g | QJ | JK | k,sp |
| EB-C15-1 | G1F200452 | SW8290 | WG | 1,2,3,6,7,8-HxCDF | 1.6 | pg/l | JQ | JK | k,sp |
| EB-C15-1 | G1F200452 | SW8290 | WG | OCDD | 3.3 | pg/l | JQB | JK | bl,k |
| EB-C15-1 | G1F200452 | SW8290 | WG | OCDF | 3.1 | pg/l | JQB | JK | k,sp |
| CS-D23-1 | G1G010412 | SW8290 | SO | 2,3,7,8-TCDD | 0.22 | pg/g | JQB | JK | bl,k |
| EE-D25-2 | G1G010412 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 24000 | pg/g | EB | J | e |
| EE-D25-2 | G1G010412 | SW8290 | SO | OCDF | 87000 | pg/g | EG | J | e |
| EB-D25A-1 | G1H040461 | SW8290 | WG | 1,2,3,4,7,8,9-HpCDF | 10 | pg/l | JBQ | JK | k,sp |
| EB-D25A-1 | G1H040461 | SW8290 | WG | 1,2,3,6,7,8-HxCDD | 1.1 | pg/l | JBQ | JK | bl,k |
| EB-D25A-1 | G1H040461 | SW8290 | WG | 1,2,3,7,8,9-HxCDD | 1.6 | pg/l | JBQ | JK | bl,k |
| EB-D25A-1 | G1H040461 | SW8290 | WG | 1,2,3,7,8,9-HxCDF | 1.9 | pg/l | JQ | JK | k,sp |
| EB-D25A-1 | G1H040461 | SW8290 | WG | 2,3,4,6,7,8-HxCDF | 3.6 | pg/l | JBQ | JK | bl,k |
| CS-D25A-1 | G1H050420 | SW8290 | SO | 2,3,7,8-TCDD | 3.0 | pg/g | JQ | JK | k,sp |
| CS-D25A-2 | G1H050420 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 26000 | pg/g | EB | J | e |
| CS-D25A-2 | G1H050420 | SW8290 | SO | OCDF | 69000 | pg/g | EB | J | e,i |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code |
|-----------|-----------|--------|--------|-------------------|--------|-------|----------------|-----------------------|------------------------|
| CS-D25A-3 | G1H050420 | SW8290 | SO | 1,2,3,7,8-PeCDD | 12 | pg/g | JQ | JK | k,sp |
| CS-D25A-3 | G1H050420 | SW8290 | SO | 2,3,7,8-TCDD | 5.0 | pg/g | JQ | JK | k,sp |
| DS-E14C-2 | G1I010458 | SW8290 | SO | OCDD | 12000 | pg/g | EB | J | e |
| CS-D31A-1 | G1I010460 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 0.33 | pg/g | JQ | JK | k,sp |
| CS-D31A-1 | G1I010460 | SW8290 | SO | 2,3,4,7,8-PeCDF | 1.0 | pg/g | JQ | JK | k,sp |

ATTACHMENT I

Qualifications based on Blank Contamination

| Sample ID | SDG | Method | Matrix | Analyte | Result | Mod Results | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | bl Result | bt Result | be Result |
|---------------------|-------------|--------|--------|---------------------|--------|-------------|-------|----------------|-----------------------|------------------------|-----------|-----------|-----------|
| CS-C10B-1 | 280-18594-1 | SW8260 | SO | Methylene Chloride | 1.7 | 1.7 | ug/kg | JB | J | bl | 1.15 | | |
| CS-C05A-1 | 280-14924-1 | SW8081 | SO | Hexachlorobenzene | 0.48 | 0.48 | ug/kg | J B | J | bl | 0.547 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,4,6,7,8-HpCDD | 2.2 | 2.2 | pg/l | J B | J | bl | 4.6 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,4,6,7,8-HpCDF | 9.5 | 9.5 | pg/l | J B | J | bl | 12 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,4,7,8,9-HpCDF | 3.4 | 3.4 | pg/l | J B | J | bl | 6.0 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,4,7,8-HxCDD | 0.70 | 0.70 | pg/l | J B | J | bl | 1.3 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,4,7,8-HxCDF | 4.9 | 4.9 | pg/l | J B | J | bl | 5.9 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,6,7,8-HxCDD | 0.75 | 0.75 | pg/l | J Q B | JK | bl,k | 1.1 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,6,7,8-HxCDF | 2.8 | 2.8 | pg/l | J B | J | bl | 4.3 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,7,8,9-HxCDD | 1.1 | 1.1 | pg/l | J B | J | bl | 1.6 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,7,8,9-HxCDF | 0.88 | 0.88 | pg/l | J B | J | bl | 1.7 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 1,2,3,7,8-PeCDF | 2.2 | 2.2 | pg/l | J B | J | bl | 2.4 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 2,3,4,6,7,8-HxCDF | 0.99 | 0.99 | pg/l | J B | J | bl | 2.5 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 2,3,4,7,8-PeCDF | 1.8 | 1.8 | pg/l | J B | J | bl | 2.1 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | 2,3,7,8-TCDF | 2.5 | 2.5 | pg/l | J B | J | bl | 2.4 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | OCDD | 4.7 | 4.7 | pg/l | J B | J | bl | 10 | | |
| EB-02092011-SSAO6 | G1B110461 | SW8290 | WQ | OCDF | 19 | 19 | pg/l | J B | J | bl | 25 | | |
| SSAJ2-07-2.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 0.74 | 0.74 | pg/g | J B | J | bl | 0.30 | | |
| SSAJ2-07-2.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 0.23 | 0.23 | pg/g | J Q B | JK | bl,k | 0.24 | | |
| SSAJ2-07-2.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 0.44 | 0.44 | pg/g | J B | J | bl | 0.25 | | |
| SSAJ2-07-2.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,4,7,8-PeCDF | 0.36 | 0.36 | pg/g | J Q B | JK | bl,k | 0.15 | | |
| SSAJ2-07-2.0_01_BPC | G1B110461 | SW8290 | SO | OCDD | 0.94 | 0.94 | pg/g | J B | J | bl | 0.93 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDD | 0.26 | 0.26 | pg/g | J B | J | bl | 0.30 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,7,8,9-HpCDF | 0.63 | 0.63 | pg/g | J B | J | bl | 0.17 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 0.070 | 0.070 | pg/g | J B | J | bl | 0.14 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,4,7,8-HxCDF | 0.62 | 0.62 | pg/g | J B | J | bl | 0.23 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,6,7,8-HxCDD | 0.12 | 0.12 | pg/g | J B | J | bl | 0.21 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,6,7,8-HxCDF | 0.52 | 0.52 | pg/g | J B | J | bl | 0.20 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 0.12 | 0.12 | pg/g | J Q B | JK | bl,k | 0.17 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8,9-HxCDF | 0.11 | 0.11 | pg/g | J Q B | JK | bl,k | 0.24 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 1,2,3,7,8-PeCDF | 0.33 | 0.33 | pg/g | J B | J | bl | 0.13 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 0.15 | 0.15 | pg/g | J B | J | bl | 0.25 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | 2,3,4,7,8-PeCDF | 0.19 | 0.19 | pg/g | J B | J | bl | 0.15 | | |
| SSAK2-02-0.0_01_BPC | G1B110461 | SW8290 | SO | OCDD | 0.74 | 0.74 | pg/g | J Q B | JK | bl,k | 0.93 | | |
| CS-C06-1 | G1D150605 | SW8290 | SO | OCDD | 3.9 | 3.9 | pg/g | Q J | JK | bl,i,k | 0.85 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 1.5 | 1.5 | pg/g | J B | J | bl | 0.79 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 19 | 19 | pg/g | B | J | bl | 4.8 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 6.6 | 6.6 | pg/g | B | J | bl | 1.7 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 0.21 | 0.21 | pg/g | J B | J | bl | 0.13 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 7.8 | 7.8 | pg/g | B | J | bl | 2.0 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.48 | 0.48 | pg/g | J B | J | bl | 0.28 | | |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Mod Results | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | bl Result | bt Result | be Result |
|-----------|-----------|--------|--------|---------------------|--------|-------------|-------|----------------|-----------------------|------------------------|-----------|-----------|-----------|
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 5.1 | 5.1 | pg/g | B | J | bl | 1.5 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.43 | 0.43 | pg/g | J B | J | bl | 0.18 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 0.86 | 0.86 | pg/g | J B | J | bl | 0.26 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PECDD | 0.28 | 0.28 | pg/g | J B | J | bl | 0.22 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PECDF | 3.6 | 3.6 | pg/g | B | J | bl | 1.5 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 1.1 | 1.1 | pg/g | J B | J | bl | 0.34 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 2,3,4,7,8-PECDF | 1.9 | 1.9 | pg/g | J B | J | bl | 0.76 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDD | 0.098 | 0.098 | pg/g | J Q B | JK | bl,k | 0.12 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 1.6 | 1.6 | pg/g | CON B | J | bl | 0.52 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | OCDD | 2.6 | 2.6 | pg/g | J B | J | bl | 2.6 | | |
| CS-C05A-1 | G1D220435 | SW8290 | SO | OCDF | 50 | 50 | pg/g | B | J | bl | 12 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 2.6 | 2.6 | pg/g | B | J | bl | 0.79 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 0.27 | 0.27 | pg/g | J B | J | bl | 0.13 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 0.69 | 0.69 | pg/g | J B | J | bl | 0.28 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.61 | 0.61 | pg/g | J B | J | bl | 0.18 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PECDD | 0.53 | 0.53 | pg/g | J B | J | bl | 0.22 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PECDF | 5.9 | 5.9 | pg/g | B | J | bl | 1.5 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 1.7 | 1.7 | pg/g | J B | J | bl | 0.34 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 2,3,4,7,8-PECDF | 3.4 | 3.4 | pg/g | B | J | bl | 0.76 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDD | 0.25 | 0.25 | pg/g | J Q B | JK | bl,k | 0.12 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDF | 2.6 | 2.6 | pg/g | CON B | J | bl | 0.52 | | |
| CS-C07B-1 | G1D220435 | SW8290 | SO | OCDD | 4.7 | 4.7 | pg/g | J B | J | bl | 2.6 | | |
| CS-C07B-2 | G1D220435 | SW8290 | SO | 1,2,3,4,7,8-HXCDD | 0.46 | 0.46 | pg/g | J B | J | bl | 0.13 | | |
| CS-C07B-2 | G1D220435 | SW8290 | SO | 1,2,3,6,7,8-HXCDD | 1.0 | 1.0 | pg/g | J B | J | bl | 0.28 | | |
| CS-C07B-2 | G1D220435 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.80 | 0.80 | pg/g | J B | J | bl | 0.18 | | |
| CS-C07B-2 | G1D220435 | SW8290 | SO | 1,2,3,7,8-PECDD | 0.74 | 0.74 | pg/g | J B | J | bl | 0.22 | | |
| CS-C07B-2 | G1D220435 | SW8290 | SO | 2,3,7,8-TCDD | 0.30 | 0.30 | pg/g | J B | J | bl | 0.12 | | |
| CS-C07B-2 | G1D220435 | SW8290 | SO | OCDD | 11 | 11 | pg/g | B | J | bl | 2.6 | | |
| CS-C08-2 | G1D220435 | SW8290 | SO | OCDD | 9.3 | 9.3 | pg/g | B | J | bl | 2.6 | | |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.70 | 0.70 | pg/g | J B | J | bl | 0.58 | | |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 4.3 | 4.3 | pg/g | B | J | be,bl | 2.1 | | 5.3 pg/L |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1.8 | 1.8 | pg/g | J B | J | bl | 0.88 | | |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 2.0 | 2.0 | pg/g | J B | J | be,bl | 0.78 | | 2.6 pg/L |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 1.7 | 1.7 | pg/g | J B | J | be,bl | 0.65 | | 2.4 pg/L |
| CS-C07A-1 | G1D280608 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.18 | 0.18 | pg/g | J B | J | bl | 0.22 | | |
| CS-C07A-1 | G1D280608 | SW8290 | SO | OCDD | 2.9 | 2.9 | pg/g | J B | J | be,bl | 1.6 | | 8.9 pg/L |
| CS-C07A-1 | G1D280608 | SW8290 | SO | OCDF | 8.4 | 8.4 | pg/g | B | J | be,bl | 4.9 | | 6.5 pg/L |
| CS-C08-1 | G1D280608 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.65 | 0.65 | pg/g | J B | J | bl | 0.58 | | |
| CS-C08-1 | G1D280608 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 4.6 | 4.6 | pg/g | | J | be,bl | 2.1 | | 5.3 pg/L |
| CS-C08-1 | G1D280608 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1.6 | 1.6 | pg/g | J B | J | bl | 0.88 | | |
| CS-C08-1 | G1D280608 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1.5 | 1.5 | pg/g | J B | J | be,bl | 0.78 | | 2.6 pg/L |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Mod Results | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | bl Result | bt Result | be Result |
|-----------|-----------|--------|--------|---------------------|--------|-------------|-------|----------------|-----------------------|------------------------|-----------|-----------|-----------|
| CS-C08-1 | G1D280608 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 1.3 | 1.3 | pg/g | J B | J | be,bl | 0.65 | | 2.4 pg/L |
| CS-C08-1 | G1D280608 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.32 | 0.32 | pg/g | J B | J | bl | 0.22 | | |
| CS-C08-1 | G1D280608 | SW8290 | SO | OCDD | 2.2 | 2.2 | pg/g | J B | J | be,bl | 1.6 | | 8.9 pg/L |
| CS-C08-1 | G1D280608 | SW8290 | SO | OCDF | 13 | 13 | pg/g | B | J | be,bl | 4.9 | | 6.5 pg/L |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.90 | 0.90 | pg/g | J B | J | bl | 0.58 | | |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 5.2 | 5.2 | pg/g | B | J | be,bl | 2.1 | | 5.3 pg/L |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 2.4 | 2.4 | pg/g | J B | J | bl | 0.88 | | |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1.7 | 1.7 | pg/g | J B | J | be,bl | 0.78 | | 2.6 pg/L |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 1.3 | 1.3 | pg/g | J B | J | be,bl | 0.65 | | 2.4 pg/L |
| CS-C09A-1 | G1D280608 | SW8290 | SO | 1,2,3,7,8,9-HXCDD | 0.18 | 0.18 | pg/g | J Q B | JK | bl,k | 0.22 | | |
| CS-C09A-1 | G1D280608 | SW8290 | SO | OCDD | 2.8 | 2.8 | pg/g | J B | J | be,bl | 1.6 | | 8.9 pg/L |
| CS-C09A-1 | G1D280608 | SW8290 | SO | OCDF | 14 | 14 | pg/g | B | J | be,bl | 4.9 | | 6.5 pg/L |
| EB-C07A-1 | G1D280608 | SW8290 | WQ | 1,2,3,4,6,7,8-HPCDF | 5.3 | 5.3 | pg/l | J Q B | JK | bl,k | 2.5 | | |
| EB-C07A-1 | G1D280608 | SW8290 | WQ | OCDD | 8.9 | 8.9 | pg/l | J B | J | bl | 12 | | |
| EB-C07A-1 | G1D280608 | SW8290 | WQ | OCDF | 6.5 | 6.5 | pg/l | J Q B | JK | bl,k | 5.8 | | |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.34 | 0.34 | pg/g | J Q B | JK | bl,i,k | 0.31 | | |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 0.40 | 0.40 | pg/g | J Q B | JK | bl,i,k | 0.098 | | |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 0.91 | 0.91 | pg/g | J Q B | JK | bl,k | 0.22 | | |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 0.28 | 0.28 | pg/g | J Q B | JK | bl,k | 0.15 | | |
| DS-C18-1 | G1E040615 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 0.21 | 0.21 | pg/g | J Q B | JK | bl,k | 0.16 | | |
| DS-C18-1 | G1E040615 | SW8290 | SO | OCDD | 3.6 | 3.6 | pg/g | J B | J | bl,i | 1.3 | | |
| DS-C18-2 | G1E040615 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.57 | 0.57 | pg/g | J B | J | bl | 0.31 | | |
| DS-C18-2 | G1E040615 | SW8290 | SO | 1,2,3,7,8,9-HXCDF | 0.25 | 0.25 | pg/g | J B | J | bl | 0.16 | | |
| DS-C18-2 | G1E040615 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.27 | 0.27 | pg/g | J B | J | bl | 0.11 | | |
| DS-C18-2 | G1E040615 | SW8290 | SO | OCDD | 2.8 | 2.8 | pg/g | J B | J | bl,i | 1.3 | | |
| CS-E14A-2 | G1E180549 | SW8290 | SO | OCDD | 10 | 10 | pg/g | J B | J | bl | 1.0 | | |
| EB-E14A-2 | G1E180549 | SW8290 | WQ | 1,2,3,4,6,7,8-HPCDF | 1.0 | 1.0 | pg/l | J Q B | JK | bl,k | 1.0 | | |
| EB-E14A-2 | G1E180549 | SW8290 | WQ | OCDD | 11 | 11 | pg/l | J B | J | bl | 3.7 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.70 | 0.70 | pg/g | J B | J | bl | 0.24 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 2.6 | 2.6 | pg/g | J B | J | bl | 2.6 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 1.3 | 1.3 | pg/g | J Q B | JK | bl,k | 1.1 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 2.6 | 2.6 | pg/g | J B | J | bl | 1.4 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 0.77 | 0.77 | pg/g | J B | J | bl | 0.73 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | 1,2,3,7,8-PCDF | 1.5 | 1.5 | pg/g | J B | J | bl | 0.31 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | 2,3,4,6,7,8-HXCDF | 0.20 | 0.20 | pg/g | J Q B | JK | bl,k | 0.18 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | OCDD | 2.4 | 2.4 | pg/g | J B | J | bl | 1.0 | | |
| CS-C44-1 | G1E180550 | SW8290 | SO | OCDF | 4.6 | 4.6 | pg/g | J B | J | bl | 5.5 | | |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 12 | 12 | pg/g | J B | J | bl | 0.36 | | |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8,9-HPCDF | 4.5 | 4.5 | pg/g | J Q B | JK | bl,k | 0.21 | | |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 6.2 | 6.2 | pg/g | J B | J | bl,c | 0.21 | | |
| CS-E14A-3 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 3.4 | 3.4 | pg/g | J B | J | bl,c | 0.15 | | |

| Sample ID | SDG | Method | Matrix | Analyte | Result | Mod Results | Units | Lab Qualifiers | Validation Qualifiers | Validation Reason Code | bl Result | bt Result | be Result |
|-------------------|-------------|--------|--------|---------------------|--------|-------------|-------|----------------|-----------------------|------------------------|-----------|-----------|------------|
| CS-E14A-3 | G1F030418 | SW8290 | SO | 2,3,7,8-TCDF | 5.5 | 5.5 | pg/g | J CON B | J | bl | 0.29 | | |
| CS-E14A-3 | G1F030418 | SW8290 | SO | OCDD | 3.6 | 3.6 | pg/g | J B | J | bl | 0.18 | | |
| CS-E14B-1 | G1F030418 | SW8290 | SO | OCDD | 3.1 | 3.1 | pg/g | J B | J | bl,i | 1.2 | | |
| CS-E14C-1 | G1F030418 | SW8290 | SO | OCDD | 3.6 | 3.6 | pg/g | J B | J | bl,i | 1.2 | | |
| EB-E14B-1 | G1F030418 | SW8290 | WQ | 1,2,3,4,6,7,8-HPCDF | 9.3 | 9.3 | pg/l | J Q B | JK | bl,k | 2.7 pg/g | | |
| EB-E14B-1 | G1F030418 | SW8290 | WQ | 1,2,3,4,7,8,9-HPCDF | 7.0 | 7.0 | pg/l | J B | J | bl | 3.0 pg/g | | |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDD | 0.79 | 0.79 | pg/g | J B | J | bl,i | 0.20 | | |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,6,7,8-HPCDF | 1.4 | 1.4 | pg/g | J Q B | JK | bl,i,k | 0.38 | | |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,4,7,8-HXCDF | 1.2 | 1.2 | pg/g | J B | J | bl | 0.24 | | |
| EE-E14C-1 | G1F030418 | SW8290 | SO | 1,2,3,6,7,8-HXCDF | 0.37 | 0.37 | pg/g | J Q B | JK | bl,k | 0.14 | | |
| EE-E14C-1 | G1F030418 | SW8290 | SO | OCDD | 1.2 | 1.2 | pg/g | J B | J | bl,i | 1.2 | | |
| CS-DC-4 | G1F030428 | SW8290 | SO | OCDD | 2.0 | 2.0 | pg/g | J Q B | JK | bl,k | 1.20 | | |
| CS-DB-1 | G1F090500 | SW8290 | SO | 2,3,4,6,7,8-HxCDF | 0.43 | 0.43 | pg/g | JQB | JK | bl,k | 0.095 | | |
| CS-C11-1 | G1F200452 | SW8290 | SO | 1,2,3,4,6,7,8-HpCDF | 4.7 | 4.7 | pg/g | JB | J | bl | 1.2 | | |
| CS-C11-1 | G1F200452 | SW8290 | SO | OCDF | 16 | 16 | pg/g | JB | J | bl | 4.1 | | |
| EB-C15-1 | G1F200452 | SW8290 | WQ | OCDD | 3.3 | 3.3 | pg/l | JQB | JK | bl,k | 2.3 | | |
| CS-D23-1 | G1G010412 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 0.66 | 0.66 | pg/g | JB | J | bl | 0.23 | | |
| CS-D23-1 | G1G010412 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 0.89 | 0.89 | pg/g | JB | J | bl | 0.36 | | |
| CS-D23-1 | G1G010412 | SW8290 | SO | 1,2,3,7,8-PeCDD | 0.77 | 0.77 | pg/g | JB | J | bl | 0.17 | | |
| CS-D23-1 | G1G010412 | SW8290 | SO | 2,3,7,8-TCDD | 0.22 | 0.22 | pg/g | JQB | JK | bl,k | 0.092 | | |
| CS-D23-1 | G1G010412 | SW8290 | SO | OCDD | 3.4 | 3.4 | pg/g | JB | J | bl | 1.1 | | |
| CS-D23-2 | G1G010412 | SW8290 | SO | 1,2,3,4,7,8-HxCDD | 0.90 | 0.90 | pg/g | JB | J | bl | 0.23 | | |
| CS-D23-2 | G1G010412 | SW8290 | SO | 1,2,3,7,8,9-HxCDD | 1.6 | 1.6 | pg/g | JB | J | bl | 0.36 | | |
| CS-D23-2 | G1G010412 | SW8290 | SO | 2,3,7,8-TCDD | 0.42 | 0.42 | pg/g | JB | J | bl | 0.092 | | |
| EB-D25A-1 | G1H040461 | SW8290 | WQ | 1,2,3,6,7,8-HxCDD | 1.1 | 1.1 | pg/l | JBQ | JK | bl,k | 1.1 | | |
| EB-D25A-1 | G1H040461 | SW8290 | WQ | 1,2,3,7,8,9-HxCDD | 1.6 | 1.6 | pg/l | JBQ | JK | bl,k | 0.98 | | |
| EB-D25A-1 | G1H040461 | SW8290 | WQ | 2,3,4,6,7,8-HxCDF | 3.6 | 3.6 | pg/l | JBQ | JK | bl,k | 6.4 | | |
| EB-D25A-1 | G1H040461 | SW8290 | WQ | OCDD | 8.7 | 8.7 | pg/l | JB | J | bl | 0.73 | | |
| CS-C07A-1 | G1D280608 | SW6020 | SO | ARSENIC | 1.4 | 1.4 | mg/kg | | J | be | | | 0.0090mg/L |
| CS-C08-1 | G1D280608 | SW6020 | SO | ARSENIC | 1.5 | 1.5 | mg/kg | | J | be | | | 0.0090mg/L |
| EB-02092011-SSAO6 | 280-12420-2 | E314.0 | WQ | Perchlorate | 0.91 | 1.0 | ug/l | J | J | bl | 0.530 | | |