Comment	Response
Comment from Philip K. Turner, Ph.D., Life Scientist/Risk Assessor, US EPA (6SF-TR), dated May 23, 2008	
1) p 5, § 1.2.2, ¶ 2: "Potential receptors…" This paragraph, or one in close proximity should explain and justify why only mammals and birds are considered as potential receptors. It is presumed that these were chosen based on possible food chain effects, but not all COPCs are bioaccumulative. This point, and the lack of lower-level receptors must be thoroughly explained/discussed.	The reviewer is correct that the paragraph is unclear with regards to which receptor groups were evaluated in the analysis. A much more complete and extensive list of potential ecological receptors were chosen. Food chain analysis for bioaccumulative chemicals was performed for mammalian, avian, and fish receptor groups. Aquatic receptors (including fish, benthic invertebrates, and aquatic plants) were selected as receptors for exposure to sediment and surface water associated contaminants. Reptiles and amphibians were considered potential receptor groups but were not evaluated directly in the current analysis due to the lack of robust benchmarks to assess potential toxicity of Site contaminants. Rather, other wildlife and aquatic receptor groups (e.g., birds, fish, etc.) were considered surrogates for this group. In addition, threatened, endangered, and rare species that may be present in Harris County, Texas, will be discussed. Each species' life history, dietary requirements, and residency status (e.g., winter guest, transient, or endemic) in Harris County will be discussed. This information will be used to determine if federal or state listed threatened, endangered, or rare species may occur at the Site and their likelihood of exposure. The text in this section (§ 1.2.2) will be clarified to reflect the actual receptor groups included in the analyses presented in the document.
2) p 6, § 1.2.2.2, Aquatic-Dependent Wildlife, last sentence: "which renders it generally unsuitable for use by aquatic-dependent wildlife". "for use" should be changed to "for drinking" or "for ingestion", as the brackish water has many uses that are very suitable.	The sentence referred to by the reviewer will be modified as follows: "Ingestion of drinking water is considered complete, but exposure is assumed to be negligible due to the brackish nature of the surface water, which renders it generally unsuitable for ingestion by aquatic dependent wildlife."

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Comment	Response
3) p 8, § 2.1, Surface Water, ¶ 2: This paragraph states that four chemicals were identified as first-tier PCOPCs. Cadmium should be included as it also has relatively high potential for bioaccumulation, especially at lower levels of the food chain.	TCEQ (2006) performed an evaluation of the bioaccumulation potential of metals in surface water by setting the exposure point concentration for a dietary-based bioaccumulation model of a piscivorous bird (i.e., Kingfisher) to the State chronic aquatic life surface water standard (e.g., cadmium = 10 µg/L). The Kingfisher model was chosen due to its relatively higher potential exposure to surface water through food chain uptake compared to other wildlife receptors. The only metals that would pose a bioaccumulation risk to wildlife at the state-based chronic aquatic life surface water standards are mercury and selenium. TCEQ concluded that for other metals (e.g., cadmium), no bioaccumulation risk existed if concentrations at a site did not exceed the state water quality chronic criteria. The JDG believes that the scientific basis of the TCEQ analysis is appropriate and relevant for the Site. Cadmium did not exceed the state chronic aquatic life water quality standard or the USEPA National Recommended Water Quality Criteria Saltwater CCC value of 8.8 µg/L in any samples collected at the Site (Table A-4). Using this basis, cadmium was not selected as a bioaccumulative COPC for surface water. Mercury and selenium, although not detected above their respective Texas chronic aquatic life water quality standards, will be selected as potentially bioaccumulative COPCs for surface water at the Site, as these standards are not considered protective of bioaccumulative pathways. Copper, which has a site-specific Texas chronic aquatic life water quality standard, was not proposed as a surface water COPC for

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	direct toxicity to aquatic life water quality standard. This value (6.5 µg/L) is higher than the general Texas chronic aquatic life water quality standard. T he JDG proposes to assess the protectiveness of this site-specific standard for bioaccumulation using the methodology used by TCEQ to assess the general standard (TNRCC Ecological Workgroup 2001). If the site-specific standard results in an HQ less than 1 for copper, it would be excluded as a bioaccumulative COPC for surface water; otherwise it would be selected. *TNRCC Ecological Workgroup. 2001. Supporting Documentation for the Evaluation of Bioaccumulative COCs with Water Quality Standards Using the Belted Kingfisher. Memorandum to File.*
4) p 8, § 2.1, Surface Water, ¶ 3: The phrase "insufficient toxicity information" is inaccurate and should be replaced with "no benchmark". There is a wealth of toxicity information out there that could be used to determine the likelihood that these chemicals may pose a threat. Only a benchmark is lacking.	Agreed. Sentence will be modified to read: "To reiterate, second-tier PCOPCs are defined as those contaminants for which there is no benchmark to determine their COPC status."
5) Table A-4, A-6: This table or an associated table should have a column for Total as well as dissolved metals, Minimum Detection Limits (for all analyses),	Accepted for Table A-4 and A-6. Total and dissolved fractions for metals are provided in revised Table A-4 (attached). Revised Table A-6 is attached as well. • *Revised Table A-4 and A-6*
6) Table A-6: Please include a legend explain what the "*" associated with the "Exceeds Benchmark" column stands for. It appears that it signifies zero detection frequency, and/or detection limits greater than the benchmark.	Table A-6 has been revised (see attached table) to include appropriate footnotes. The '*' does indicate COI that were not detected and whose maximum detection limit was compared to the benchmark. • *Revised Table A-6*

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Comment	Response
Comments from Barry Forsythe, Ph.D., Technical Liaison, U.S. Fish & Wildlife Service, dated May 23, 2008	
General Comments 1) In general this document made for difficult review. Throughout, several key items for discussion are simply referenced to another document or appendices, thus requiring the reviewer to do a lot of back and forth review.	The arrangement of the document was intended for readability by non-technical (e.g., those outside the risk assessment discipline) and technical reviewers alike. The text of the document served as a more readable document for non-technical personnel while the appendices were intended for a more technical discussion with a greater level of detail. All discussion in the text of the document should be repeated, albeit with additional detail, in the appendices. This approach was considered necessary for communication of risk assessment issues to all involved.
Specific Comments	
1) § 1.2.2.1: Ingestion of biota should be added as a complete exposure pathway for epibenthic invertebrates (i.e., crabs).	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
2) § 3.1.2, Page 13: With regard to the biologically active zone (BAZ), it is stated, "Given the generally lower concentrations near the surface (i.e., 0 to 2 cm), this assumption is considered conservative." Conservative may not be the appropriate term. If the near surface sediment is less contaminated and it is uncertain the true BAZ, then the current data (i.e., 0 to 11 cm) could be insufficiently conservative if the concentrations increase with depth and the BAZ extends beyond the 11 cm mark.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
3) § 3.1.4, Page 14: Please clarify why the data from the whole sediment toxicity tests from the TMDL were excluded from assessment inclusion based on a small sample size ($n \leq 6$). Assuming the tests followed approved methodologies and met associated performance criteria, the number of locations tested should not be grounds for excluding the data.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.

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4) § 3.3.1, Page 17-18: The line of evidence approach for classifying COPCs is appropriate and useful in refining data gaps. However there is concern with the applicability of some of the lines selected and the weighting of each of the lines of evidence. Firstly, it is unclear how site-specific whole sediment toxicity tests can be used to select and/or refine a COPC list. At a minimum, TIE studies would have to be utilized to determine the class of contaminants eliciting the effects from exposure to a media containing a myriad of contaminant mixtures. Secondly, after backing off to a more "realistic" exposure (95% UCL) and benchmark (ERM), any contaminant that "fails" this screen should be considered a COPC (for quantitative evaluation), regardless of the other lines of evidence. This particularly applies to number of metals (chromium, nickel, zinc) and pesticides for benthic invertebrates (Table 3-2).	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
5) § 3.4.1.2, Page 26-27: The screening of bioaccumulative COPCs for wildlife appears to have only incorporated ingestion of prey items. For some receptors the incidental ingestion of sediment can be a significant source of exposure, and therefore should be considered in the calculations. In addition, relegating those contaminants with $NOAEL_{HQs} \geq 1 \geq LOAEL_{HQs}$ (classified as indeterminant risk) to only a qualitative assessment is inappropriate. As mentioned above, the screening did not incorporate a total exposure (diet and incidental sediment ingestion) and an exceedance of the no effect value could pose risk to listed T&E species, for which surrogates have been chosen as representatives in this assessment.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.

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Comment	Response
Comments from Jessica White – NOAA, Tammy Ash - FWS, Keith Tischler – GLO, and Don Pitts – TPWD, dated May 23, 2008	
General Comments	
1) It appears that a modified approach is being used to go from SLERA to BERA by using "more site specific and exposure specific measures of exposures and effects" to determine which COPCs are carried forward into the ERA. Typically, all COPCs exceeding the screening level benchmarks are carried forward for further analysis, at which point the ERA is refined using more site specific information. Screening COPCs based on site specific information prior to the ERA process prematurely truncates the evaluation of ecological risk, is less conservative and transparent. As a result risk may be underestimated. The criteria that are of concern are listed in the specific comments.	In December of 2006, the JDG submitted the document *Preliminary Contaminant of Potential Concern Selection*. This document was reviewed and commented on by the USEPA, NOAA, and TCEQ. Responses were provided by the JDG. This document identified preliminary COPCs using conservative assumptions, including comparisons to TCEQ screening benchmarks and identification of potentially bioaccumulative based on their presence in Site media. Subsequent to this document, USEPA requested a memorandum to refine the list of COPCs prior to the ERA Work Plan. The reviewed document was submitted to meet this requirement. Refinement of COPCs beyond the preliminary COPCs includes the use of more site-specific measures of exposure and effects; otherwise, a meaningful refinement of COPC is not possible. The JDG believes that the COPC selection process was conservative for the purposes of selecting COPC, but is mindful of the need to provide additional transparency and to satisfactorily demonstrate the conservative nature of the COPC selection process in the response to agency comments and in the final document. Please see responses to specific comments below.
2) Many COPCs are relegated to the uncertainty analysis for qualitative evaluation. Remedial decisions are based on quantitative evaluations of ecological risk, therefore qualitative evaluations of a long list of compounds (some of which are know to be ecologically significant) does not move us toward an adequate remedial decision which is the end goal of the	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.

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Superfund process. In order to fully delineate ecological risk to receptors at the site from the mixture of chemicals in various media, quantitative evaluations of each COPC should be performed when possible. If a COPC has no screening benchmark, eco risk guidance allows for and suggests methods to develop alternative benchmarks	
3) Although a previous document labeled some COCs as Site COPCs and others as not site related, it failed to give a rationale for the classification (i.e XYZ facility does not produce XYZ chemical or use it in its process). Our understanding was this document would include a more thorough discussion of that distinction. It would be helpful perhaps to list each facility, and which chemicals are used or produced in their processes.	The industrial facilities surrounding the bayou have been in operation for a number of years and have used a variety of chemicals as part of their operations. It is not necessary or relevant to account for all of the chemicals that may have been utilized at these sites, and other upstream facilities along the East Fork, the Houston Ship Channel, and the City of Deer Park. The ecological risks to the Site are defined by concentrations of chemicals present in the surface water and sediments within the Site Boundary. Sediments at the Site have been adequately characterized over the last 10+ years by TCEQ, USEPA, the TMDL group, and the Patrick Bayou JDG to identify COPCs as defined in this screening document. Additional water quality evaluations are planned to further evaluate COPCs in surface water.
Specific Comments	
1) Section 3.3 page 16: The document states "PCOPCs relating to aquatic-dependent wildlife exposure (amphibians, birds, and mammals) are assessed through the bioaccumulative chemical screening." All PCOPCs relating to aquatic-dependent receptors greater than a benchmark should be evaluated in a food chain analysis, not just bioaccumulative compounds.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
2) Section 3.3.1 – Benthic Invertebrates 2) Section 3.3.1 – Benthic Invertebrates This section needs expansion and clarification.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick

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Comment	Response
a) The ERM is the level at which effects are likely to occur – this is not a very protective level for sensitive receptors. The 95% UCL should not be compared to the ERM to determine whether a sediment COPC is to be carried into the ERA. Using the default PCL (midpoint between ERL and ERM) would be more appropriate.	Bayou JDG submitting a response.
b.) The AVS/SEM and EqP approaches do not consider exposure via ingestion nor the micro oxygenation of the sediments surrounding benthic infauna and thus may underestimate risk to receptors. While the results of these models might be used in a multi-path line of evidence approach to the discussion of uncertainty regarding predicted risk, it is not appropriate to use these models to screen out COPCs.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
c.) This approach assumes all lines of evidence should be weighted equally and are equally important in the ERA process. Lack of site specific data is not enough reason to exclude quantitative evaluation of PCOPCs. Most NPL sites do not have adequate site specific data for every compound of concern, and often rely solely on chemistry data in the ERA process. This document fails to present sound reasoning as to why COPCs should be relegated to the uncertainty analysis solely because every type of site specific data possible is not available.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
d. Chemicals which receive a mixture of 'pass' and 'fail' classifications should still be quantitatively evaluated in the risk characterization if they exceed benchmark comparisons and/or are bioaccumulative in nature. Many of the COPCs which are eliminated in this step have significant harmful effects on ecological receptors, including but not limited to, cadmium, chromium, lead, various Aroclors, pesticides, and TCDD.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.

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e. Placing dioxins/furans in the uncertain category is a major concern since these COCs often are risk drivers in risk assessments.	The initial step by which TCDD (and related compounds) is thought to exert toxicity is through binding to the cytosolic Ah receptor and is clearly a prerequisite for TCDD to exhibit toxicity. The presence of the Ah receptor in fishes, birds, and mammals, and lack of the receptor in aquatic invertebrates, is consistent with the relative sensitivity of these groups of species to TCDD and structurally-similar compounds. While toxicity from TCDD has been demonstrated in numerous studies of fish, birds, and mammals, long-term exposure of a number of invertebrate species (snails, worms, daphnids, and mosquito larvae) and aquatic plants to TCDD failed to cause discernable toxicity (USEPA 1993). In the selection of COPCs, TCDD and related compounds were identified as uncertain COPCs for benthic invertebrates but were identified as a primary COPCs for fish based on their potential sensitivity to TCDD, despite lacking a benchmark or site-specific line of evidence to that effect. For wildlife receptors, TCDD and related compounds were selected as a primary COPC for mammals and an uncertain COPC for birds based on dietary exposure to contaminated prey items. *USEPA. 1995. Interim Report on Data and Methods for Assessment of 2,3,7,8-Tetrachlorodibenzo-p-dioxin Risks to Aquatic Life and Associated Wildlife. EPA/600/R-93/055. Environmental Research Laboratory. Office of Research and Development. Duluth, MN.*
3) Section 3.4.1.2 pages 26-27: Only chemicals with a LOAEL greater than 1 will be evaluated in the ERA. This is not protective of any threatened or endangered species possibly present at the site. For a T and E species or their surrogates,	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.

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chemicals should be retained at the NOAEL greater than 1 level.	
4) Section 4 page 29: The document states that "eliminating PCOPCs that pose little to no potential risk to ecological receptors will increase the efficiency of subsequent ERA steps to better refine risk estimates for the Site," and yet the analysis fails to convince the reviewer that any of the "uncertain" COPCs do pose little or no risk. Simply because one or two lines of evidence 'pass' or do not exist for a certain chemical does not mean it poses little or no risk. In fact, since these "uncertain" COPCs are never evaluated in a quantitative manner, it is impossible to say for certain that they do or do not pose ecological risk. The ERA process is also meant to address risk to receptors from mixtures in the environment, by not evaluating multiple COCs quantitatively, this ERA may greatly underestimate risk to eco receptors.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
5) Appendix C page C-4: It is inappropriate to eliminate an entire feeding guild (piscivorous mammal) from evaluation in the ERA. If the preparer feels strongly about not using the mink or otter, they should suggest another suitable receptor from that guild.	Mink and otter were evaluated through the bioaccumulation analysis in the reviewed document. The following COPC were selected for this feeding guild based on the analysis: • Mercury • PCBs • Dioxin/furans Mink and otter are not expected to be eliminated from further evaluation in the ERA. However, it is expected that a work plan will be proposed to investigate the level of Site use by these receptors and that this information will be used to develop a model describing the proportion of time such receptors may use the Site. This information is expected to be used in the exposure assessment of the ERA.

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	To avoid confusion, the text of the reviewed document (pg C-4, first ¶, last sentence), will be modified to read: "Given the potential uncertainty in the exposure of this receptor group because of their relatively large foraging area and habitat requirements relative to the Site, additional evaluation will be proposed as part of the ERA to assess the potential exposure of this receptor group to the Site."
TCEQ Comments prepared by Vicki Reat, dated May 21, 2008	
General Comments	
1) We understood from our meeting in Austin on May 30, 2007, that the future risk assessment may rely on the Calcasieu baseline ERA to some extent for input data, as well as the approach for evaluating some exposure pathways. This particular submittal confirmed that intent. A simple word count for Calcasieu indicates 22 hits. We caution the JDG to ensure that the risk assessment (and related submittals) provides transparency to the reviewer with minimal need to mine information from other reports and their appendices. We have no reason to believe that the Calcasieu approach was flawed in any way. Since Texas risk assessors and project managers were not involved in that project, we have no information to judge the Calcasieu approach one way or another. With this in mind, future submittals should be careful not to present a mind-set (right or wrong), that whatever was used at Calcasieu, should be good enough (and appropriate) for Patrick Bayou.	Noted and accepted. It is not the JDG's intent to adopt the EPA-developed BERA approach without critical evaluation and modification, where appropriate, of the approach used. While the JDG believes the Calcasieu Estuary BERA provides an appropriate template for the Patrick Bayou ERA, the appropriateness and relevance of each approach will be carefully considered before their recommendation or implementation. Additional consideration will be taken in future submittals when proposing to adopt the approaches from the Calcasieu Estuary BERA to ensure that all stakeholders have adequate information to judge their validity.
2) Looking at the various screening exercises in this document, poly-chlorinated biphenyls (PCBs, as a chemical) are listed as individual aroclors, Total PCB aroclors, individual congeners, and as Total PCB congeners. How will the JDG integrate this mixture of historical data with new data, if at all? Also, what	Historically, total PCBs have been reported as the sum of the Aroclor values where Aroclor determination is based on comparison to an Aroclor standard. This was previously due to an inability to discern individual congeners. The analytical determination of Aroclors does not take into account

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kind of data will be given precedence for each particular pathway?	physiological, spatial, or temporal changes in the Aroclor mixtures. The preferred analytical method for determination of total PCBs is to sum the PCB congeners, which accounts for weathering and metabolic processes that can modify toxicity and is particularly relevant to concentrations in higher trophic level organisms. Congener-specific methods avoid the need to determine which Aroclor profile most closely fits the detected congener profile in biota or media samples, and does not require assumptions to be made about congener metabolism and weathering. Therefore, PCB congener-specific analysis is preferred for assessing exposure of ecological receptors at the Site. It is expected that future work plans will be based on the assumption that the ecological exposure assessment will be based on congener specific analysis. A potential drawback to this approach is that the available toxicity effects data is dominated by Aroclor based effects analysis. This may generate some uncertainty when comparing exposure and effects for PCBs. However, the uncertainty in this comparison is considered to be less than that which would result from an Aroclor based exposure assessment. Attempts will be made to identify recent effects data for ecological receptors which are based on congener specific analysis. In addition, Aroclors are expected to be analyzed in a subset of samples collected during future RI/FS sampling investigations to provide some basis of comparison between Site Aroclor and congener-specific concentrations in Site media.

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Comment	Response
Specific Comments	
3) 1.2.2 Exposure Media and Pathways and Potential Receptor Groups - Potential receptors evaluated in the COPC screening include mammals (river otter, raccoon, and mink) and birds (spotted sandpiper, great blue heron, and the belted kingfisher). The discussion adds that by selecting these relatively sensitive species, other less sensitive species will also be protected. This discussion and those in Section 3.4 and Appendix C make no mention regarding the possibility that protected species could possibly forage in Patrick Bayou. We suggest that the JDG review Issues #5 and #19 in TCEQ, 2005[1] regarding the agency's approach for conservatively evaluating protected species in ecological risk assessments. Also see comment 8.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
4) 3.2 Surface Water Refinement - The text indicates that sulfate, fluoride, non-priority metals, nutrients, and dioxins/furans were found to have insufficient toxicity information to be evaluated through the refined screening and are considered uncertain COPCs to be evaluated in the ERA uncertainty assessment. Regarding nutrients, please see comment 10 that is listed with the Appendix B comments.	NA
5) 3.3.1 Benthic Invertebrates - See comments 11 through 14 associated with Appendix B.	NA
6) 3.4 Bioaccumulative Substances - In this refinement step, biota-sediment accumulation factors (BSAFs) and Site sediment data were used to estimate Site tissue concentrations in the tissues of prey items consumed by birds and mammals. These estimated tissue concentrations were then compared to effect-	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.

[1] TCEQ. 2005. Position Paper on Common Issues Encountered During the Review of Ecological Risk Assessments. Remediation Division. http://www.tceq.state.tx.us/assets/public/remediation/positionpaper.pdf

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level tissue benchmarks specific for birds and mammals to determine if the bioaccumulative chemical presents an unacceptable screening level risk to these receptor groups. This evaluation only considered bioaccumulative chemicals. For ecological risk assessments performed in Texas, non-bioaccumulative chemicals are also evaluated in a desk-top food chain analysis if the chemical is greater than its respective screening benchmark (and also greater than background). We believe this is a conservative approach for receptors with higher media ingestion rates and for situations where non-bioaccumulative chemicals are present at particularly elevated concentrations. It may also (to some extent) address the uncertainty associated contaminated media on the body surface or gut of prey items. The JDG should consider inclusion of a similar screening analysis for non-bioaccumulative chemicals or provide appropriate justification for not doing so. Also see related comment 16.	
7) 3.4.1 Selection of Effects Threshold Benchmarks - See related comments 15 through 25 associated with Appendix C.	NA
8) 3.4.1.2 Characterizing Potential Risk and Identification of COPC - In this analysis, chemicals for which the resulting low effect hazard quotient was greater than 1 were defined as bioaccumulative COPCs to be carried forward in the ERA for quantitative assessment. The "low-effects" benchmarks were derived using the LOAEL[2] toxicity reference value (TRV). This may not be protective of threatened or endangered species that	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.

[2] LOAEL = lowest observed adverse effect level

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may forage at the Site. TCEQ requires that risk calculations be carried out using the NOAEL[3] TRV at sites where these protected species could occur. Please see related comment 3.	
9) 4.1 Uncertainty Assessment - The discussion reflects that the potential incremental risks posed by exposure to uncertain COPCs will be assessed qualitatively in the Uncertainty section of the ERA. The focus of the uncertainty analysis for these COPCs will be to evaluate co-location with the highest concentrations of primary COPCs that have been shown to be the primary risk drivers, and the degree to which these COPCs could contribute any additional measurable incremental risk relative to the potential risks posed by the primary COPCs. This discussion should make a distinction between COPCs for which there is toxicity data and those where data is limited or unavailable for the particular pathway in question. We also question, particularly for wildlife receptors, how this analysis will be presented if the risk assessment concludes there are no primary risk drivers. This will be a significant discussion. By our quick count, 88 chemicals were listed in Table 4-1 as Uncertain for any one pathway. Admittedly some of these overlap. Two were listed for surface water, 27 were listed for fish and benthic invertebrates, 31 for carnivorous fish, 32 for birds, and 28 for mammals.	It is important to note for all reviewers that chemicals identified as 'uncertain' will be carried forward in the ERA. Chemicals designated as uncertain will be included in the ERA Work Plan and SAPs so that additional data to assess the nature and extent of these chemicals in Site media will be available for the ERA. This data can be used to assess their relative importance as potential COPCs in the ERA should additional effects data become available or Site concentrations change during the RI/FS investigations. Uncertain COPC are those chemicals for which there is either limited data, or the available Site data indicates that risks do not exceed a 'low effects' (e.g., LOAEL) toxicity threshold. A screening level assessment of COPC (Anchor 2006) was performed using conservative, screening (i.e., 'no-effects') level benchmarks to select preliminary COPC. The purpose of this memo, prepared at the request of USEPA, was to refine the list of COPC for the ERA. Typically, refinement of COPC includes using more realistic and site-specific assumptions for identifying COPC to be carried forward for quantitative risk evaluation in the ERA (USEPA 1997[4]). It is the position of the JDG that for chemicals with either effects benchmarks or site-specific effects data (e.g., whole sediment toxicity tests) that the available data (excepting organic chemicals in surface water) provides sufficient

[3] NOAEL = no observed adverse effect level

[4] USEPA. 1997. *Ecological risk assessment for Superfund: Process for designing and conducting ecological risk assessments.* EPA 540-R-97-006. Office of Solid Waste and Emergency Response. Washington, DC

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	information to assesses exposure for the purposes of selecting COPC. For some chemicals, it is reasonable to expect that effects data will be limited or unavailable for both the current analysis and in the ERA. For both conditions, these 'uncertain' COPCs will be carried forward in the ERA for qualitative assessment.
Appendix B - Refinement of Surface Water and Sediment COPCs	
10) 2.2 Nutrients - The JDG compared nutrient data collected in Patrick Bayou to that for the San Jacinto River (basin-wide) and Segments 1005 and 1006 (Houston Ship Channel), and concluded that nutrient levels in Patrick Bayou are within the range of these values and therefore are not related specifically to Site sources or releases. Therefore nutrients were considered Uncertain COPCs. We suggest that the JDG reconsider this conclusion for Nitrate-N and Total Kjeldahl N. The mean values for Patrick Bayou were considerably higher than those for Segments 1006 and 1005. The Basin 10 comparison is not considered relevant as this would include many smaller freshwater locations. Further, the mean nitrate-N value for Patrick Bayou (9.58 mg/L) is above the screening value of 1.10 mg/L for tidal streams.[5]	Accepted. The Basin 10 comparison will not be included in the final draft. Nitrate-N and Total Kjeldahl N will be identified as surface water COPCs based on comparison to Segment 1005 and 1006 of the Houston Ship Channel. Subsequent work plans and sampling plans will include these chemicals to assess potential risk and identify potential sources; including off-site and/or upstream sources.
11) 3.3.3 Equilibrium Partitioning Models - We recognize that the evaluations presented in this section mirror the approaches outlined in the cited U.S. EPA Equilibrium Partitioning Sediment Benchmarks (ESBs) documents. Table B-5 summarizes the results of this analysis. The JDG should consider that without the actual individual inputs for each sample location, the	Tables are attached to this response (TCEQ comment #11 response Tables) that 'step' through the calculations used to develop Table B-5. These tables include PAH ESBTU values for sediment and porewater and SEM/AVS for metals in sediment and porewater.

[5] TCEQ, 2008. Draft 2008 Guidance for Assessing and Reporting Surface Water Quality in Texas (March 19, 2008). Surface Water Quality Monitoring Program, Monitoring Operations. http://www.tceq.state.tx.us/assets/public/compliance/monops/water/08twqi/2008_guidance.pdf

Comment	Response
reviewing agencies can not confirm this analysis specifically (assuming we had adequate time to do this). Also see comment 14.	Note: The PAH ESBTU values for porewater were incorrect in the reviewed document. A revised Table B-5 is attached with the corrected values. The corrected values do not affect the selection of PAH as COPC for aquatic receptors. • *Revised Table B-5 and TCEQ comment #11 response Table*
12) 3.3.3.1.1 AVS/SEM Results - Based on this analysis, the JDG determined that the potential for adverse biological effects due to metal mixtures is considered low. Since the biologically active zone (BAZ) for the Site has not been quantitatively evaluated (Section 3.1.2), and samples collected over the 0 to 11 or 0 to 10 cm interval were used in this analysis, this particular conclusion has some measure of uncertainty. Please consider the comments in Table 1 that we have previously provided to the JDG.	The AVS/SEM approach was one line of evidence used to refine the status of divalent metals as COPC in Site sediment. Other lines of evidence, including sediment benchmarks, porewater concentrations, and site-specific toxicity data, were included. Comparison of the 95th percentile to the Effects Range Median (ERM) for divalent metals resulted in exceeding the ERM for chromium, mercury, nickel, and zinc. Cadmium, copper, lead, and silver did not exceed the benchmark. Each line of evidence was equally weighted (not biased to AVS/SEM) in the refinement of divalent metals in selection of COPCs. The low concentration of metals in porewater (maximum detected concentrations less than the primary benchmark [TCEQ Marine benchmark], excepting nickel) supports the lack of bioavailability of these chemicals in surface sediment. In addition, mercury speciation work performed as part of the RI/FS indicates that a significant amount of the mercury in the near surface sediments (2-cm intervals for top 20 cm) is the sulfide species of mercury (an insoluble complex with minimal biological availability). Finally, co-located toxicity and chemistry data (Parsons et al. 2002[6] and 2004[7]) used to develop Site-wide distribution functions for both

[6] Parsons Engineering, Inc.; C. Howard; and J Horne. 2002. Assessment of sediment toxicity and quality in Patrick Bayou, Segment 1006, Harris County, Texas.
[7] Parsons Engineering, Inc.; C. Howard; and J Horne. 2004. Assessment of sediment toxicity and quality in Patrick Bayou, Segment 1006, Harris County, Texas.

Comment	Response
	toxic and non-toxic samples (see Section 3.3.2 of reviewed report, indicate that most divalent metals do not contribute to the observed whole sediment toxicity. Given this weight of evidence, the JDG does not believe that divalent metals substantially or measurably contribute to potential adverse biological effects in sediment. Regardless, only copper was eliminated as a COPC using the lines of evidence presented in the reviewed document. All other divalent metals were either identified as COPCs or Uncertain COPCs and will be carried forward in the ERA. Quantitative assessment of the Site mixing zone/BAZ is expected as part of the ERA Work Plan.
13) 3.3.3.2 PAH Mixtures - Please provide more specific details regarding the development of a site-specific scaling factor for samples that were analyzed for 16 individual PAHs (rather than 34).	For use in determining the uncertainty in predicting $\Sigma ESBTU_{FCV,TOT}$ from datasets consisting of less than 34 PAHs, USEPA (2002) used two EMAP data sources that measured the 34 PAHs. The relative distributions of the $EESBTU_{FCV,TOT}$ to the $EESBTU_{FCV}$ based on 13 and 23 PAHs for this dataset were evaluated using linear regression. USEPA used the 95% confidence limit of the regression line slope to develop a scaling factor to predict the equivalent $\Sigma ESBTU_{FCV,TOT}$ using less than 34 PAH. A similar evaluation was performed using Site data. Samples collected as part of the RI/FS that included all 34 PAHs were included. Linear regression was used to compare the distributions of the $\Sigma ESBTU_{FCV,TOT}$ to $\Sigma SBTU_{FCV,15}$ calculated using the 15 PAHs available for the TMDL data. The regression analysis (see TCEQ comment response #13 Exhibit 1) demonstrates that the subset of 15 PAHs can be used to predict the equivalent $\Sigma ESBTU_{FCV,TOT}$ with a high level of confidence.

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	The slope of the regression (1.849) was used to scale the TMDL PAH data (i.e., $\Sigma SBTU_{FCV,15}$) to the equivalent $\Sigma ESBTU_{FCV,TOT}$ (i.e. $\Sigma ESBTU_{FCV,TOT} = \Sigma SBTU_{FCV,15} * 1.849$) . Due to the intra-site application of the scaling factor and the predictive ability of the relationship, the slope of the line (vs. 95% confidence limit) was applied to the TMDL data. • *TCEQ comment response #13 Exhibit 1*
14) 3.3.3.2 PAH Mixtures - The JDG should reconsider a comment we made regarding the Draft Remedial Investigation (RI) Work Plan (comment 12). For your convenience, we have repeated that comment below: In this discussion, the JDG explains that sediments will be analyzed for an expanded list of PAHs (polynuclear aromatic hydrocarbons) to support an equilibrium partitioning evaluation of PAH mixtures that are protective of benthic organisms. JDG cites a U.S. EPA document presumably as the guidance to be used in this approach. Although we are aware of this document, the work plan should provide much more detail regarding the planned approach. TCEQ is not strictly opposed to this approach since it evaluates mixtures, similar to TCEQ's total PAH benchmark approach. However it does represent an alternate approach to evaluating potential risks to benthic invertebrates. We suggest that JDG address the following topics in the work plan: • Specifically discuss and compare the U.S. EPA approach and the TCEQ approach in terms of protectiveness and appropriateness for the site in question. • Since Patrick Bayou is relatively shallow at many	PAHs were identified in the reviewed document as COPCs for aquatic receptors and are proposed to be carried forward into the ERA and will be addressed in the ERA Work Plan. The JDG acknowledges that there are both advantages and uncertainties associated with the EqP and total PAH benchmark approach to evaluate and assess risk to ecological receptors; both approaches will be discussed in the ERA Work Plan. Currently, the EqP approach for PAH sediment benchmark development reflects a USEPA developed, scientifically defensible, site-specific approach to assess potential effects on benthic invertebrates.

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Comment	Response
locations, consider the protectiveness of this approach assuming that the sediments could be exposed to UV light. • Consider the composition of the organic carbon at the site relative to the assumptions inherent in the methodology. • Consider the presence of any additional narcotic compounds in sediment. • Explain how non-detected values will be addressed in this approach. • Consider that the approach is not necessarily intended to be protective of organisms that ingest contaminated sediment	
Appendix C - Selection of Bioaccumulative COPCs	
15) 2.1 Screening Benchmarks for Carnivorous Fish - For this benchmark evaluation, the JDG used NOED and LOED (No Observable Effects Dose and Lowest Observable Effects Dose) tissue concentrations from the U.S. Army Corps of Engineers (U.S. COE)/U.S. Environmental Protection Agency (USEPA) Environmental Residue Effects Database (ERED). Looking at Tables C-1 and C-2, it appears that this evaluation lacks transparency. For instance, there was no way of knowing how many different fish species (and effect endpoints) were used to calculate a geometric mean. Looking at the ERED data base, it appeared that for many chemicals, the data base was dominated by freshwater fish. Further, if a NOED or LOED was not available, a LOED divided by 10 or a NOED multiplied by five was used as a surrogate value. These surrogate approaches should be reflected on the summary tables along with an indication of the species used, the number of tissue values used, and the range of concentrations.	Tables C-1 and C-2 have been edited to clarify the ERED calculations. Additional tables have been added to summarize the number and type of fish and invertebrate species included in the analysis. • *Revised Table C-1 and C-2* • *New Tables TCEQ comment response #15A and #15B*

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Comment	Response
17) 2.2 Screening Benchmarks for Birds and Mammals - Regarding the food factor calculations (Table C-3), it appears that the body weights for the belted kingfisher and the great blue heron were mixed up. This would ultimately impact the food factor and wildlife benchmark calculations. The JDG should revise the tables as appropriate.	The body weights, ingestion rates, and therefore, the food factors are transferred for the heron and the kingfisher in Table C-3. Therefore, the benchmarks are also transferred in Table C-4. Tables C-3 and C-4 have been revised. However, the final avian screening benchmarks do not change since the lowest avian benchmark is used in the screening. Therefore, results of the screening do not change and subsequent tables including Table C-10 and C-12 are correct. • *Revised Table C-3 and C-4*
18) 2.2 Screening Benchmarks for Birds and Mammals - Please double-check the calculations for LOAEL-based tissue benchmarks for mammals (Table C-5). We were not able to verify the math for those chemical/receptor combinations we randomly checked.	Table C-5 did incorrectly report LOAEL-based tissue benchmarks and were revised. Screening calculations (Table C-11) were conducted accurately using the appropriate LOAEL-based tissue benchmarks (shown in Table C-2). • *Revised Table C-5*
19) 2.2 Screening Benchmarks for Birds and Mammals - The discussion on page C-4 questions the ecological relevance of the mink and the otter to the Site, given the limited habitat available for these receptors. The discussion also states that additional evaluation is proposed prior to the ERA to determine the potential exposure, if any, of this receptor group to the Site. Please elaborate. Also consider that these receptors are surrogates for the guild and consider that the northern end of the bayou may offer "islands" of habitat relative to the surrounding infrastructure.	This comment will be discussed at the upcoming July 16 EPA/TCEQ/Trustee meeting in Austin, Texas, to ensure our understanding of the intent of the comment prior to the Patrick Bayou JDG submitting a response.
20) 3.1 Biota-Sediment Accumulation Factor Database Development - This section presents the process for deriving	TCEQ's assumption is correct. BSAF values were calculated by using the Calcasieu RI/FS database (limited to the Bayou d'Inde

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Comment	Response
BSAF values to be used in the carnivorous fish, mammal, and bird screening exercise. Sediment and fish tissue data were compiled from the Calcasieu BERA database and the U.S. COE Engineering Research and Development Center (ERDC) database. Looking at the subsections that follow, it appears that this was a very tedious, data intensive exercise. Regarding the use of the Calcasieu database, our assumption is that the JDC actually paired up individual tissue data points with sediment data over an area represented by the home range of the fish or invertebrate to calculate a corresponding BSAF. The 95th percentile or geometric mean BSAFs (over a particular prey group) were then used in the subsequent screening exercise for carnivorous fish, mammals and birds. Our assumption is that the JDG actually calculated these BSAF values rather than relying on equivalent calculations in the Calcasieu risk assessment. Please advise if these assumptions are correct.	AOC). Although BSAF values are presented in the Calcasieu Estuary BERA, there was no discussion of the methodology used to calculate these values and could not be reproduced by us. Thus, we chose to calculate BSAF values directly from the tissue and sediment data in the Calcasieu Estuary RI/FS database as described in the reviewed document.
21) 3.1 Biota-Sediment Accumulation Factor Database Development - Continuing on from the previous comment, the transparency of this exercise (using Calcasieu data) appears limited. Considering the raw data alone, it is not readily apparent to the reader how many sediment data points were paired with any single tissue data point, the range of the tissue and sediment data points, and the number of tissue data points for any particular size class. Also it seems that this section would benefit by more discussion of the similarities (chemical impacts, trophic structure, physical and hydrologic features) between Patrick Bayou and Bayou d'Inde.	To provide transparency of the BSAF calculation exercise using the Calcaiseu Estuary RI/FS database (Bayou d'Inde AOC data), Tables TCEQ Response #21A and #21B. The first table provides a summary of how many sediment data points, range, etc., that were paired with tissue data points on a chemical and prey group-specific basis. The second table provides a list of all database records from the Calcasieu Estuary RI/FS database that were used in the BSAF calculations. This includes the number of sediment points, number of detected sediment values, tissue value result and detection status, etc., for each BSAF value calculated. An excerpt from the Calcasieu Estuary RI/FS (CDM 2002) is attached to this response as general background on Bayou

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	d'Inde. This excerpt describes the environmental setting and nature and extent of contamination for Bayou d'Inde AOC, which is the source of the sediment and tissue data used to estimate BSAF from the Calcasieu Estuary RI/FS database. A more detailed discussion that discusses the similarities between the Bayou d'Inde AOC and the Site will be included in the revised document. • *New Tables TCEQ comment response #21A and #21B* • *TCEQ comment response #21 Exhibit 1*
22) 3.1.1.1 Calcasieu BERA Database - The discussion indicates that whole-body fish tissue concentrations were calculated by multiplying the filet result by the whole-body equivalency factor of 2.3 Please provide a source for this conversion and comment on the relevancy to fish expected to be in Patrick Bayou.	Whole body estimates using fillet data were restricted to Group 3B and 4B (15-90 cm, higher trophic level) fish. The source for the equivalency factor (Bevelheimer et al. 1997[8]) included black bass (largemouth bass [*Micropterus salmoides]* and spotted bass [*M. punctulatis*] between 24.5 and 54 cm in length). The JDG believes that the conversion factor is relevant given that the source included higher trophic level fish within a similar size class as the samples to which they were applied. Based on the review of Bevelheimer et al (1997), changes are proposed to the fillet to whole body conversion. The conversion equation applied to the Calcasieu Estuary fillet samples was based on a relationship developed in the source document for Total PCBs. In the current analysis, this conversion factor was applied to all COI measured in fillet tissue. As such, it is proposed that the revised document will include the following

[8] Bevelheimer, MS. JJ Beauchamp, BE Sample, GR Southworth. 1997. Estimation of whole-fish contaminant concentrations from fish fillet data. ES/ER/TM-202. Risk Assessment Program, Oak Ridge National Laboratory. Oak Ridge, TN.

Comment	Response
	conversion equations for the specified chemicals: • Mercury: Cwb=0.7*Cf • Arsenic: Cwb=exp[-0.72+0.65*ln(Cf)] • Chromium: Cwb=1.2*Cf • Selenium: Cwb=exp[-0.25+0.68*ln(Cf)] • Total chlordane: Cwb=1.7*Cf • Total DDT: Cwb=exp[3.55+0.63*ln(Cf)] • Total PCB: Cwb=2.4*Cf Cwb – concentration in whole body Cf – concentration in fillet For all other COI, fillet samples would not be used to estimate BSAF values from the Calcasieu Estuary RI/FS database. The attached Table TCEQ Response #22A and #22B for a summary of number of fillet samples used in the BSAF calculations for each COI and prey groups (e.g., 3B and 4B). *Note: the proposed changes have not been applied to the revised tables submitted as part of this response. Proposed changes to the fillet to whole body conversion approach would affect Group 3B and 4B fish, potentially affecting the exposure assessment for fish and mammals. Avian species are not assumed to prey on Group 3 or 4 fish. The additional calculations will be performed for the final COPC selection. • *New tables TCEQ comment response #22A and #22B*
23) 3.1.1.2 USACE ERDC BSAF Database - The discussion indicates that the U.S. COE BSAF database was merged into the project BSAF database. We suggest that the discussion provide	The Calcasieu Estuary RI/FS database was dominant (14197 records) compared to the USACE BSAF database (415 records; see Table TCEQ Response #23A). BSAF obtained from the

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some sense as to which data set dominated the BSAF database (Calcasieu or U.S. COE?). Where BSAFs were obtained from the U.S. COE database, was this limited to marine fish and invertebrates?	USACE BSAF database included both marine and freshwater species. Table TCEQ Response #23B includes a list of species included in the BSAF database compilation performed by the JDG. Very few freshwater species were included relative marine species. Text and tables will be added to the report to reflect this response. • *New tables TCEQ comment response #23A and #23B*
24) 3.1.2 BSAF Derivation - The discussion indicates that the BSAF database results were compiled to represent the expected range for each receptor group and that fish prey classes 3A, 3B, 4A, and 4B were grouped together for the carnivorous fish BSAF data set. For birds, the BSAF data set included fish prey classes 1, 2A, and 2B (along with all invertebrate classes). For mammals, fish prey classes 3A and 3B were added to the bird BSAF data set (along with invertebrates excluding polychaetes and aquatic insects). Note that the latter statement conflicts with footnote d in Table C-8. Why would carnivorous fish only be expected to feed on the larger fish prey classes?	Footnote d in Table C-8 will be modified to include prey classes 3A and 3B fish. For carnivorous fish, a body burden approach (as opposed to a dietary intake model for birds and mammals) was used to characterize risk and identify COPCs for this receptor group. Group 3 and 4 Fish are expected to have the greatest potential exposure of this receptor group to bioaccumulative COPCs due to their longer life cycle relative to smaller size class fish. BSAF for Group 3 and 4 fish were used to estimate expected tissue concentrations for this receptor group. These estimated tissue concentrations were then compared to tissue-based (e.g., critical body burdens) effects levels for fish to characterize risk. Using the larger size fish classes provides a conservative estimate of exposure for this receptor group.
25) 4.1 Results - Table C-12 should be corrected to reflect "Yes" for Aroclor 1248, Total PCB Aroclors, and Dioxin/furan congeners for mammals.	Table C-12 will be changed to match Table 4-1 and reflect "Yes" for Aroclor 1248, Total PCB Aroclors and Dioxin/furan congeners • *Revised Table C-12*

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Table A-4
Summary of Surface Water Screening Results for Preliminary COPC Selection

Group	Chemical Name	Units	Number of Samples	Minimum Detect	Maximum Detect	Number of Detects	Frequency of Detection (%)	Average Detection	Minimum Non Detect	Maximum Non Detect	Number of Non Detects	Benchmark Value	Max Det Exceeds Benchmark
Benchmark = YES													
Metals-Dissolved	Arsenic	µg/L	32	0.93	16.3	26	81.25	4.055	1	50	6	36	FALSE
Metals-Dissolved	Cadmium	µg/L	34	0.056	0.162	5	14.71	0.096	0.05	7	29	8.8	FALSE
Metals-Dissolved	Chromium	µg/L	35	1.99	6	4	11.43	4.185	1	5	31	50	FALSE
Metals-Dissolved	Copper	µg/L	51	0.66	10.6	44	86.27	3.6915909	3	6	7	3.1	TRUE
Metals-Dissolved	Lead	µg/L	33	0.058	5.06	17	51.52	0.6561765	1	20	16	8.1	FALSE
Metals-Dissolved	Mercury	µg/L	1	0.03	0.03	1	100	0.03	--	--	0	0.94	FALSE
Metals-Dissolved	Nickel	µg/L	35	2.24	9.81	19	54.29	4.2789474	5	17	16	8.2	TRUE
Metals-Dissolved	Selenium	µg/L	37	0.14	1.67	20	54.05	0.6859	0.14	30	17	71	FALSE
Metals-Dissolved	Silver	µg/L	34	0.61	0.61	1	2.94	0.61	0.05	8	33	0.2	TRUE
Metals-Dissolved	Zinc	µg/L	35	4.95	35.6	30	85.71	13.901333	4	16	5	81	FALSE
Chemical detected = YES Benchmark = NO													
Conventionals	Ammonia	mg/L	14	0.05	1.31	13	92.86	0.44	0.05	0.05	1	NA	NA
Conventionals	Fluoride	mg/L	8	0.4	0.78	8	100	0.58	--	--	0	NA	NA
Conventionals	Nitrate + Nitrite	mg/L	9	0.99	4.11	9	100	2.04	--	--	0	NA	NA
Conventionals	Nitrate as Nitrogen	mg/L	22	2.31	35	22	100	9.58	--	--	0	NA	NA
Conventionals	Nitrite as Nitrogen	mg/L	4	0.05	0.5	3	75	0.24	0.1	0.1	1	NA	NA
Conventionals	ortho-Phosphate	mg/L	12	0.35	1.07	9	75	0.61	0.12	0.3	3	NA	NA
Conventionals	Phosphorus	mg/L	32	0.38	2.85	32	100	0.93	--	--	0	NA	NA
Conventionals	Sulfate	mg/L	31	96	1550	31	100	904.74	--	--	0	NA	NA
Conventionals	Total Kjeldahl nitrogen	mg/L	32	0.61	4.4	32	100	2.33	--	--	0	NA	NA
Diox/Fur	1,2,3,4,6,7,8-HpCDD	pg/L	2	1.213	1.41	2	100	1.31	--	--	0	NA	NA
Diox/Fur	1,2,3,4,7,8-HxCDF	pg/L	2	0.2	0.242	2	100	0.22	--	--	0	NA	NA
Diox/Fur	1,2,3,7,8-PeCDF	pg/L	2	0.171	0.199	2	100	0.18	--	--	0	NA	NA
Diox/Fur	2,3,7,8-TCDD	pg/L	2	0.098	0.098	1	50	0.1	0.028	0.028	1	NA	NA
Diox/Fur	2,3,7,8-TCDF	pg/L	2	0.499	0.741	2	100	0.62	--	--	0	NA	NA
Diox/Fur	OCDD	pg/L	2	17.094	22.825	2	100	19.96	--	--	0	NA	NA
Diox/Fur	OCDF	pg/L	2	22.792	38.516	2	100	30.65	--	--	0	NA	NA
Diox/Fur	Total D/F TEQ-Bird	pg/L	2	0.81	0.97	2	100	0.89	--	--	0	NA	NA
Diox/Fur	Total D/F TEQ-Fish	pg/L	2	0.24	0.32	2	100	0.28	--	--	0	NA	NA
Diox/Fur	Total D/F TEQ-Mammal	pg/L	2	0.28	0.34	2	100	0.31	--	--	0	NA	NA
Diox/Fur	Total HpCDD	pg/L	2	3.709	3.989	2	100	3.85	--	--	0	NA	NA
Diox/Fur	Total HpCDF	pg/L	2	0.983	1.041	2	100	1.01	--	--	0	NA	NA
Diox/Fur	Total HxCDD	pg/L	2	0.285	0.385	2	100	0.34	--	--	0	NA	NA
Diox/Fur	Total HxCDF	pg/L	2	1.17	1.311	2	100	1.24	--	--	0	NA	NA
Diox/Fur	Total PeCDF	pg/L	2	0.77	1.083	2	100	0.93	--	--	0	NA	NA
Diox/Fur	Total TCDD	pg/L	2	0.271	0.357	2	100	0.31	--	--	0	NA	NA
Diox/Fur	Total TCDF	pg/L	2	2.14	4.558	2	100	3.35	--	--	0	NA	NA
Metals-Total	Aluminum	µg/L	8	160	2250	8	100	707.88	--	--	0	NA	NA
Metals-Total	Arsenic	µg/L	8	6.18	10.2	4	50.00	7.775	12.5	50	4	NA	NA
Metals-Total	Calcium	µg/L	8	41600	177000	8	100	124075	--	--	0	NA	NA
Metals-Total	Copper	µg/L	4	3.45	4.87	2	50.00	4.16	3	3	2	NA	NA
Metals-Total	Iron	µg/L	8	220	1400	8	100	548.88	--	--	0	NA	NA
Metals-Total	Lead	µg/L	8	1.15	5.54	8	100.00	2.69	--	--	0	NA	NA
Metals-Total	Magnesium	µg/L	8	306	512000	8	100	176738	--	--	0	NA	NA
Metals-Total	Manganese	µg/L	8	27.7	94	8	100	50.56	--	--	0	NA	NA
Metals-Total	Mercury	µg/L	25	0	0.52	25	100	0.11	--	--	0	NA	NA
Metals-Total	Nickel	µg/L	8	5.63	6.87	2	25.00	6.25	5	5	6	NA	NA

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Table A-4
Summary of Surface Water Screening Results for Preliminary COPC Selection

Group	Chemical Name	Units	Number of Samples	Minimum Detect	Maximum Detect	Number of Detects	Frequency of Detection (%)	Average Detection	Minimum Non Detect	Maximum Non Detect	Number of Non Detects	Benchmark Value	Max Det Exceeds Benchmark
Metals-Total	Potassium	µg/L	8	12800	197000	8	100	92700	--	--	0	NA	NA
Metals-Total	Selenium	µg/L	22	0.21	1.06	12	54.55	0.56	0.25	33	10	NA	NA
Metals-Total	Sodium	µg/L	11	3000	4930000	11	100	1869636	--	--	0	NA	NA
Metals-Total	Zinc	µg/L	8	9.29	51	8	100.00	29.05	--	--	0	NA	NA
Metals-Dissolved	Aluminum	µg/L	34	4.78	61	9	26.47	21.58	2.00	100	25	NA	NA
Metals-Dissolved	Barium	µg/L	1	90	90	1	100	90	--	--	0	NA	NA
Metals-Dissolved	Calcium	µg/L	38	153	232000	38	100	136386	--	--	0	NA	NA
Metals-Dissolved	Iron	µg/L	12	11.6	36.4	3	25	23.73	0.05	10	9	NA	NA
Metals-Dissolved	Magnesium	µg/L	37	5520	618000	37	100	238219	--	--	0	NA	NA
Metals-Dissolved	Manganese	µg/L	12	11.2	63	12	100	32.08	--	--	0	NA	NA
Metals-Dissolved	Potassium	µg/L	30	3080	206000	30	100	75108	--	--	0	NA	NA
Metals-Dissolved	Sodium	µg/L	30	77800	6045000	29	96.67	2640924	500	500	1	NA	NA
Chemical detected = NO Benchmark = NO													
Conventionals	Sulfide	mg/L	18	--	--	0	0	--	0.1	0.1	18	NA	NA
Metals-Total	Cadmium	µg/L	8			0	0.00		0.1	2	8	NA	NA
Metals-Total	Chromium	µg/L	8			0	0.00		6	6	8	NA	NA
Metals-Total	Silver	µg/L	8			0	0.00		0.5	8	8	NA	NA
Diox/Fur	1,2,3,4,6,7,8-HpCDF	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	1,2,3,4,7,8,9-HpCDF	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	1,2,3,4,7,8-HxCDD	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	1,2,3,6,7,8-HxCDD	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	1,2,3,6,7,8-HxCDF	pg/L	1	--	--	0	0	--	0.143	0.143	1	NA	NA
Diox/Fur	1,2,3,7,8,9-HxCDD	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	1,2,3,7,8,9-HxCDF	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	1,2,3,7,8-PeCDD	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	2,3,4,6,7,8-HxCDF	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	2,3,4,7,8-PeCDF	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
Diox/Fur	Total PeCDD	pg/L	2	--	--	0	0	--	0.142	0.143	2	NA	NA
TPH	TPH - Oil and grease	mg/L	18	--	--	0	0	--	5	5	18	NA	NA

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Note:

Results for metals are summarized separately for the dissolved and total fractions.

Table A-6
Summary of Sediment Screening Results for Preliminary COPC Selection

Group	Chemical Name	Units	Number of Samples	Minimum Detect	Maximum Detect	Number of Detects	Frequency of Detection (%)	Average Detection	Minimum Non Detect	Maximum Non Detect	Number of Non Detects	Benchmark Value	Exceeds Benchmark
Benchmark = YES													
Metals	Arsenic, Total	mg/kg	41	2	164	41	100	11.71			0	8.2	TRUE
Metals	Cadmium, Total	mg/kg	41	0.0872	1.84	39	95.12	0.78	0.13	0.135	2	1.2	TRUE
Metals	Chromium, Total	mg/kg	41	9.8	497	41	100	121.54	--	--	0	81	TRUE
Metals	Copper, Total	mg/kg	41	10.1	271	41	100	68.75	--	--	0	34	TRUE
Metals	Lead, Total	mg/kg	41	13.5	260	41	100	64.92	--	--	0	46.7	TRUE
Metals	Mercury, Total	mg/kg	41	0.0549	41.5	41	100	7.01	--	--	0	0.15	TRUE
Metals	Nickel, Total	mg/kg	41	7.4	156	41	100	33.58	--	--	0	20.9	TRUE
Metals	Silver, Total	mg/kg	41	0.129	62.8	31	75.61	2.62	0	0.215	10	1	TRUE
Metals	Zinc, Total	mg/kg	41	47.6	1750	41	100	373.49	--	--	0	150	TRUE
PCBs	Aroclor 1016	µg/kg	16	--	--	0	0	--	43	6000	16	22.7	TRUE *
PCBs	Aroclor 1221	µg/kg	16	--	--	0	0	--	50	12000	16	22.7	TRUE *
PCBs	Aroclor 1232	µg/kg	16	--	--	0	0	--	43	6000	16	22.7	TRUE *
PCBs	Aroclor 1242	µg/kg	16	--	--	0	0	--	43	6000	16	22.7	TRUE *
PCBs	Aroclor 1248	µg/kg	16	160	300000	14	87.5	26037.14	43	58	2	22.7	TRUE
PCBs	Aroclor 1254	µg/kg	16	--	--	0	0	--	43	6000	16	22.7	TRUE *
PCBs	Aroclor 1260	µg/kg	16	250	3400	7	43.75	1505.71	43	6000	9	22.7	TRUE
PCBs	Total PCBs (U=1/2; Max RL)	µg/kg	16	347.5	321000	14	87.5	28918.79	87	120	2	22.7	TRUE
Pesticides	4,4'-DDD	µg/kg	38	0.073	62	9	23.68	9.68	4.3	600	29	1.22	TRUE
Pesticides	4,4'-DDE	µg/kg	38	0.178	20.5	19	50	6.11	3	600	19	2.07	TRUE
Pesticides	4,4'-DDT	µg/kg	38	0.038	5.65	7	18.42	1.39	4.3	600	31	1.19	TRUE
Pesticides	alpha-Chlordane	µg/kg	38	0.112	5.5	14	36.84	1.56	2.2	310	24	2.26	TRUE
Pesticides	Dieldrin	µg/kg	16	--	--	0	0	--	4.3	600	16	72	TRUE *
Pesticides	gamma-BHC (Lindane)	µg/kg	16	0.86	10	2	12.5	5.43	2.2	310	14	0.32	TRUE
Pesticides	gamma-Chlordane	µg/kg	38	0.055	0.964	8	21.05	0.37	2.2	310	30	2.26	FALSE
Pesticides	Total Chlordane (a&g; U=1/2; Max RL)	µg/kg	38	0.29	22.5	15	39.47	9.55	2.2	310	23	2.26	TRUE
Pesticides	Total DDT (U=1/2; Max RL)	µg/kg	38	0.44	81	24	63.16	36.1	4.3	600	14	1.58	TRUE
SVOCs	Hexachlorobutadiene	µg/kg	41	35	30000	24	58.54	7924.65	20.5	25000	17	20	TRUE
SVOCs	Hexachloroethane	µg/kg	41	21.3	7100	20	48.78	1311.92	22.3	25000	21	180	TRUE
SVOCs	2-Methylnaphthalene	µg/kg	41	29.1	28000	33	80.49	2721.85	10.5	18000	8	70	TRUE
SVOCs	Acenaphthene	µg/kg	41	2.47	20000	40	97.56	2775.28	18000	18000	1	16	TRUE
SVOCs	Acenaphthylene	µg/kg	41	44.3	31000	35	85.37	3690.47	385	18000	6	44	TRUE
SVOCs	Anthracene	µg/kg	41	23.2	14000	38	92.68	1722.77	530	18000	3	85.3	TRUE
SVOCs	Benzo(a)anthracene	µg/kg	41	37	4400	35	85.37	1198.77	392	18000	6	260	TRUE
SVOCs	Benzo(a)pyrene	µg/kg	40	140	4400	31	77.5	1559.11	385	18000	10	430	TRUE
SVOCs	bis(2-Ethylhexyl)phthalate	µg/kg	40	157.8	14400	29	72.5	2855.96	392	16000	12	182	TRUE
SVOCs	Chrysene	µg/kg	40	60	6150	39	97.5	1680.53	18000	18000	2	384	TRUE
SVOCs	Dibenzo(a,h)anthracene	µg/kg	41	41.1	495.9	19	46.34	214.98	50.5	25000	22	63.4	TRUE
SVOCs	Fluoranthene	µg/kg	41	76.4	40000	40	97.56	5357.3	18000	18000	1	600	TRUE
SVOCs	Fluorene	µg/kg	41	18.1	21000	39	95.12	1989.24	530	18000	2	19	TRUE
SVOCs	Naphthalene	µg/kg	41	35.9	41500	32	78.05	2743.46	121	18000	9	160	TRUE
SVOCs	Phenanthrene	µg/kg	41	50	46800	40	97.56	6828.71	18000	18000	1	240	TRUE
SVOCs	Pyrene	µg/kg	41	58	98000	41	100	10808.15	--	--	0	665	TRUE
SVOCs	Total HPAHs (U=1/2; Max RL)	µg/kg	41	955	176300	41	100	29880.41	--	--	0	1700	TRUE
SVOCs	Total LPAHs (U=1/2; Max RL)	µg/kg	41	218	164500	40	97.56	19310.7	18000	18000	1	552	TRUE
SVOCs	Total PAHs (U=1/2; Max RL)	µg/kg	40	2549	263100	40	100	51282.5	--	--	0	4020	TRUE
VOCs	1,1,1-Trichloroethane	µg/kg	41	--	--	0	0	--	2	1100	41	300	TRUE *
VOCs	1,1,2,2-Tetrachloroethane	µg/kg	41	--	--	0	0	--	1.78	1100	41	610	TRUE *
VOCs	1,1-Dichloroethene	µg/kg	41	--	--	0	0	--	1.63	1100	41	15410	FALSE *
VOCs	1,2,4-Trimethylbenzene	µg/kg	21	51.6	51.6	1	4.76	51.6	5	100	20	2160	FALSE
VOCs	1,2-Dichlorobenzene	µg/kg	40	6.89	348	2	5	177.44	6	1100	38	740	FALSE

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Table A-6
Summary of Sediment Screening Results for Preliminary COPC Selection

Group	Chemical Name	Units	Number of Samples	Minimum Detect	Maximum Detect	Number of Detects	Frequency of Detection (%)	Average Detection	Minimum Non Detect	Maximum Non Detect	Number of Non Detects	Benchmark Value	Exceeds Benchmark
VOCs	1,2-Dichloroethane	µg/kg	41	--	--	0	0	--	2.63	1100	41	4300	FALSE *
VOCs	1,2-Dichloropropane	µg/kg	41	--	--	0	0	--	1.58	1100	41	2820	FALSE *
VOCs	1,3-Dichlorobenzene	µg/kg	41	2	33000	29	70.73	2454.13	5	408	12	320	TRUE
VOCs	1,4-Dichlorobenzene	µg/kg	41	2	4980	25	60.98	684.48	6	408	16	700	TRUE
VOCs	4-Methyl-2-pentanone (MIBK)	µg/kg	38	--	--	0	0	--	13	1100	38	45340	FALSE *
VOCs	Acetone	µg/kg	38	205	205	1	2.63	205	13	2000	37	167230	FALSE
VOCs	Acrylonitrile	µg/kg	25	--	--	0	0	--	5.9	1000	25	170	TRUE *
VOCs	Benzene	µg/kg	41	2	494	15	36.59	160.01	3.65	100	26	140	TRUE
VOCs	Bromoform	µg/kg	41	--	--	0	0	--	1.24	1100	41	1780	FALSE *
VOCs	Carbon tetrachloride	µg/kg	41	--	--	0	0	--	1.74	1100	41	3670	FALSE *
VOCs	Chlorobenzene	µg/kg	41	1	2200	17	41.46	309.25	1.88	100	24	290	TRUE
VOCs	Chloroform	µg/kg	41	1	1	1	2.44	1	1.64	1100	40	4300	FALSE
VOCs	Chloromethane	µg/kg	41	--	--	0	0	--	1.99	1100	41	8740	FALSE *
VOCs	Ethylbenzene	µg/kg	41	4	650	12	29.27	172.92	1.8	100	29	650	FALSE
VOCs	Styrene	µg/kg	38	10	86	3	7.89	39.67	5	1100	35	3720	FALSE
VOCs	Tetrachloroethene	µg/kg	38	13	13	1	2.63	13	5	1100	37	3100	FALSE
VOCs	Toluene	µg/kg	38	2	950	11	28.95	181.89	5	100	27	940	TRUE
VOCs	Total xylene	µg/kg	38	2	3500	15	39.47	575.67	5	100	23	2540	TRUE
VOCs	Trichloroethene	µg/kg	25	--	--	0	0	--	1.9	100	25	1470	FALSE *
Chemical detected = YES Benchmark = NO													
Conventionals	Ammonia	mg/kg	3	39.7	362	3	100	178.57			0	NA	NA
Conventionals	Cyanide	mg/kg	16	0.26	1.01	7	43.75	0.56	0.03	0.08	9	NA	NA
Diox/Fur	1,2,3,4,6,7,8-HpCDD	ng/kg	22	15.6	1835	22	100	306.51			0	NA	NA
Diox/Fur	1,2,3,4,6,7,8-HpCDF	ng/kg	22	14.8	1763	22	100	432.08			0	NA	NA
Diox/Fur	1,2,3,4,7,8,9-HpCDF	ng/kg	22	1.41	190	22	100	56.9			0	NA	NA
Diox/Fur	1,2,3,4,7,8-HxCDD	ng/kg	22	1.34	20.1	15	68.18	5.83	0.52	7.24	7	NA	NA
Diox/Fur	1,2,3,4,7,8-HxCDF	ng/kg	22	7.99	898	22	100	191.33			0	NA	NA
Diox/Fur	1,2,3,6,7,8-HxCDD	ng/kg	22	1.75	67	20	90.91	13.39	0.46	2.95	2	NA	NA
Diox/Fur	1,2,3,6,7,8-HxCDF	ng/kg	22	1.95	227	22	100	58.19			0	NA	NA
Diox/Fur	1,2,3,7,8,9-HxCDD	ng/kg	22	2.69	36.5	17	77.27	12.68	0.52	3.07	5	NA	NA
Diox/Fur	1,2,3,7,8,9-HxCDF	ng/kg	22	1.02	28.1	14	63.64	8.52	0.36	7.27	8	NA	NA
Diox/Fur	1,2,3,7,8-PeCDD	ng/kg	22	0.829	9.75	6	27.27	3.53	0.21	5.81	16	NA	NA
Diox/Fur	1,2,3,7,8-PeCDF	ng/kg	22	1.42	560	22	100	108.82			0	NA	NA
Diox/Fur	2,3,4,6,7,8-HxCDF	ng/kg	22	0.526	42.7	22	100	12.71			0	NA	NA
Diox/Fur	2,3,4,7,8-PeCDF	ng/kg	22	1.54	156	21	95.45	42.3	1.33	1.33	1	NA	NA
Diox/Fur	2,3,7,8-TCDD	ng/kg	22	2.04	108	14	63.64	17.81	0.43	0.91	8	NA	NA
Diox/Fur	2,3,7,8-TCDF	ng/kg	22	1.23	424	22	100	66.94			0	NA	NA
Diox/Fur	OCDD	ng/kg	22	358	20048	22	100	3555			0	NA	NA
Diox/Fur	OCDF	ng/kg	22	78.3	92390	22	100	11446.1			0	NA	NA
Diox/Fur	Total D/F TEQ-Bird	ng/kg	22	5.68	783	22	100	166			0	NA	NA
Diox/Fur	Total D/F TEQ-Fish	ng/kg	22	2.73	312	22	100	77.91			0	NA	NA
Diox/Fur	Total D/F TEQ-Mammal	ng/kg	22	2.97	343	22	100	84.21			0	NA	NA
Metals	Aluminum	mg/kg	16	3690	10400	16	100	6623.75			0	NA	NA
Metals	Antimony	mg/kg	16	0.92	1.2	3	18.75	1.03	0.26	1.3	13	NA	NA
Metals	Barium	mg/kg	41	53.6	23500	41	100	889.01			0	NA	NA
Metals	Beryllium	mg/kg	16	0.37	1	13	81.25	0.64	0.195	0.345	3	NA	NA
Metals	Calcium	mg/kg	16	4730	232000	16	100	55443.75			0	NA	NA
Metals	Cobalt	mg/kg	16	2.6	14.2	16	100	7.98			0	NA	NA
Metals	Iron	mg/kg	41	4940	44600	41	100	14389.51			0	NA	NA
Metals	Magnesium	mg/kg	16	1380	8340	16	100	3290.62			0	NA	NA
Metals	Manganese	mg/kg	16	72.6	3500	16	100	381.88			0	NA	NA

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Table A-6
Summary of Sediment Screening Results for Preliminary COPC Selection

Group	Chemical Name	Units	Number of Samples	Minimum Detect	Maximum Detect	Number of Detects	Frequency of Detection (%)	Average Detection	Minimum Non Detect	Maximum Non Detect	Number of Non Detects	Benchmark Value	Exceeds Benchmark
Metals	Potassium	mg/kg	16	369	1630	16	100	994.5			0	NA	NA
Metals	Selenium	mg/kg	41	0.344	2.56	25	60.98	0.87	0	1.05	16	NA	NA
Metals	Sodium	mg/kg	16	1840	12500	16	100	5278.75			0	NA	NA
Metals	Thallium	mg/kg	16	1	1.1	2	12.5	1.05	0	1.4	14	NA	NA
Metals	Vanadium	mg/kg	16	10.1	87.7	16	100	20.61			0	NA	NA
Pesticides	Aldrin	µg/kg	16	170	8200	3	18.75	2866.67	2.2	390	13	NA	NA
Pesticides	beta-BHC	µg/kg	16	6.9	7.6	2	12.5	7.25	2.2	310	14	NA	NA
Pesticides	delta-BHC	µg/kg	16	16	16	1	6.25	16	2.2	310	15	NA	NA
Pesticides	Endosulfan I	µg/kg	16	0.99	270	9	56.25	47.11	2.2	35	7	NA	NA
Pesticides	Endosulfan II	µg/kg	16	2.9	150	5	31.25	36.44	4.3	62000	11	NA	NA
Pesticides	Endrin	µg/kg	16	1.9	1000	9	56.25	174.99	4.3	75	7	NA	NA
Pesticides	Endrin ketone	µg/kg	16	2	100	11	68.75	21.01	4.3	13	5	NA	NA
Pesticides	Heptachlor	µg/kg	16	1.4	1100	4	25	281.33	2.2	39	12	NA	NA
Pesticides	Heptachlor Epoxide	µg/kg	38	0.278	1.26	4	10.53	0.61	2.2	310	34	NA	NA
Pesticides	Methoxychlor	µg/kg	16	9.5	290	5	31.25	78.9	22	390	11	NA	NA
SVOCs	1,1'-Biphenyl	µg/kg	16	48	12000	8	50	2535.75	520	18000	8	NA	NA
SVOCs	2,4-Dinitrotoluene	µg/kg	41	2.13	204	6	14.63	83.22	18.9	25000	35	NA	NA
SVOCs	2,6-Dinitrotoluene	µg/kg	41	90.2	23000	9	21.95	2775.13	19.8	25000	32	NA	NA
SVOCs	2-Chloronaphthalene	µg/kg	41	2.24	47.2	7	17.07	14.76	10.8	25000	34	NA	NA
SVOCs	3,3'-Dichlorobenzidine	µg/kg	40	0.151	216	9	22.5	83.15	20.1	25000	32	NA	NA
SVOCs	4-Bromophenyl-phenylether	µg/kg	41	361	361	1	2.44	361	14.4	25000	40	NA	NA
SVOCs	4-Chloroaniline	µg/kg	16	220	460	2	12.5	340	430	25000	14	NA	NA
SVOCs	4-Chlorophenyl-phenylether	µg/kg	41	146	146	1	2.44	146	20.9	25000	40	NA	NA
SVOCs	4-Methylphenol	µg/kg	16	290	290	1	6.25	290	430	25000	15	NA	NA
SVOCs	4-Nitrophenol	µg/kg	16	2600	2600	1	6.25	2600	1100	62000	15	NA	NA
SVOCs	Acetophenone	µg/kg	16	39	290	4	25	121	430	25000	12	NA	NA
SVOCs	Azobenzene	µg/kg	23	10.9	30.6	2	8.7	20.75	16.7	408	21	NA	NA
SVOCs	Benzaldehyde	µg/kg	16	43	43	1	6.25	43	430	25000	15	NA	NA
SVOCs	Benzidine	µg/kg	25	119	776	9	36	288.89	31	408	16	NA	NA
SVOCs	Benzo(b)fluoranthene	µg/kg	40	47	3670	35	87.5	1127.06	400	25000	6	NA	NA
SVOCs	Benzo(g,h,i)perylene	µg/kg	40	100	14000	35	87.5	2089.52	400	25000	6	NA	NA
SVOCs	Benzo(k)fluoranthene	µg/kg	41	33	3750	36	87.8	1006.86	400	25000	5	NA	NA
SVOCs	bis(2-Chloroethoxy)methane	µg/kg	41	0.327	55.6	5	12.2	21.51	29.1	25000	36	NA	NA
SVOCs	bis(2-Chloroethyl)ether	µg/kg	41	0.672	1530	9	21.95	351.44	27.9	25000	32	NA	NA
SVOCs	bis(2-Chloroisopropyl)ether	µg/kg	41	9.16	1970	15	36.59	363.06	12.1	25000	26	NA	NA
SVOCs	Butylbenzylphthalate	µg/kg	41	0.578	485	18	43.9	117.29	16.9	25000	23	NA	NA
SVOCs	Carbazole	µg/kg	16	70	200	2	12.5	135	430	25000	14	NA	NA
SVOCs	Dibenzofuran	µg/kg	16	57	3300	3	18.75	1146	430	25000	13	NA	NA
SVOCs	Diethylphthalate	µg/kg	41	0.176	436.2	20	48.78	127.15	17.4	25000	21	NA	NA
SVOCs	Dimethylphthalate	µg/kg	25	5.45	2000	7	28	322.64	16.4	408	18	NA	NA
SVOCs	Di-n-butylphthalate	µg/kg	41	3.88	487	16	39.02	132.34	60.1	25000	25	NA	NA
SVOCs	Di-n-octylphthalate	µg/kg	40	15.3	295	20	50	56.34	14.7	25000	21	NA	NA
SVOCs	Hexachlorobenzene	µg/kg	41	13.8	129000	27	65.85	8046.3	24.9	25000	14	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene	µg/kg	16	86	3700	11	68.75	1228.73	530	25000	5	NA	NA
SVOCs	n-Nitrosodiphenylamine	µg/kg	16	470	470	1	6.25	470	430	25000	15	NA	NA
SVOCs	Pentachlorophenol	µg/kg	16	3100	3100	1	6.25	3100	1100	62000	15	NA	NA
SVOCs	Phenol	µg/kg	16	67	67	1	6.25	67	430	25000	15	NA	NA
VOCs	1,1-Dichloroethane	µg/kg	41	2	24.1	2	4.88	13.05	1.46	1100	39	NA	NA
VOCs	1,1-Dichloropropene	µg/kg	22	8.1	8.1	1	4.55	8.1	5	100	21	NA	NA
VOCs	1,3,5-Trimethylbenzene	µg/kg	22	46.3	46.3	1	4.55	46.3	5	100	21	NA	NA
VOCs	2-Butanone (MEK)	µg/kg	38	7	45	8	21.05	20.5	13	2000	30	NA	NA

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Table A-6
Summary of Sediment Screening Results for Preliminary COPC Selection

Group	Chemical Name	Units	Number of Samples	Minimum Detect	Maximum Detect	Number of Detects	Frequency of Detection (%)	Average Detection	Minimum Non Detect	Maximum Non Detect	Number of Non Detects	Benchmark Value	Exceeds Benchmark
VOCs	4-Isopropyltoluene	µg/kg	22	20.3	20.3	1	4.55	20.3	5	100	21	NA	NA
VOCs	Carbon disulfide	µg/kg	38	8	420	7	18.42	164.86	5	1100	31	NA	NA
VOCs	Cyclohexane	µg/kg	16	2	390	3	18.75	132	13	1100	13	NA	NA
VOCs	Dichloromethane	µg/kg	41	11	11	1	2.44	11	1.86	1100	40	NA	NA
VOCs	Isopropylbenzene	µg/kg	38	6	29000	22	57.89	2466.51	3.65	16	16	NA	NA
VOCs	Methyl cyclohexane	µg/kg	16	3	620	12	75	213.58	13	16	4	NA	NA
VOCs	n-Butylbenzene	µg/kg	22	176	176	1	4.55	176	5	100	21	NA	NA
VOCs	n-Hexane	µg/kg	22	24.9	24.9	1	4.55	24.9	12	400	21	NA	NA
VOCs	n-Propylbenzene	µg/kg	22	66	180	2	9.09	123	5	100	20	NA	NA
VOCs	sec-Butylbenzene	µg/kg	22	10	109	2	9.09	59.5	5	100	20	NA	NA
VOCs	tert-Butylbenzene	µg/kg	22	40.9	108	2	9.09	74.45	5	50	20	NA	NA
VOCs	Trichloroethane	µg/kg	16	1	18	4	25	5.75	13	1100	12	NA	NA
VOCs	Trichlorofluoromethane	µg/kg	38	2	26	4	10.53	13	5	1100	34	NA	NA
VOCs	Vinyl chloride	µg/kg	41	13	13	1	2.44	13	2	1100	40	NA	NA
Chemical detected = NO Benchmark = NO													
Pesticides	alpha-BHC	µg/kg	16	--	--	0	0	--	2.2	310	16	NA	NA
Pesticides	Endosulfan Sulfate	µg/kg	16	--	--	0	0	--	4.1	600	16	NA	NA
Pesticides	Endrin aldehyde	µg/kg	16	--	--	0	0	--	4.3	600	16	NA	NA
Pesticides	Toxaphene	µg/kg	38	--	--	0	0	--	110	35000	38	NA	NA
SVOCs	1,2,4-Trichlorobenzene	µg/kg	38	--	--	0	0	--	5	1100	38	NA	NA
SVOCs	1,2-Diphenylhydrazine	µg/kg	13	--	--	0	0	--	22.6	408	13	NA	NA
SVOCs	2,4,5-Trichlorophenol	µg/kg	16	--	--	0	0	--	1100	62000	16	NA	NA
SVOCs	2,4,6-Trichlorophenol	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	2,4-Dichlorophenol	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	2,4-Dimethylphenol	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	2,4-Dinitrophenol	µg/kg	16	--	--	0	0	--	650	62000	16	NA	NA
SVOCs	2-Chlorophenol	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	2-Methylphenol	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	2-Nitroaniline	µg/kg	16	--	--	0	0	--	1100	62000	16	NA	NA
SVOCs	2-Nitrophenol	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	3-Nitroaniline	µg/kg	16	--	--	0	0	--	1100	62000	16	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol	µg/kg	16	--	--	0	0	--	530	62000	16	NA	NA
SVOCs	4-Chloro-3-methylphenol	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	4-Nitroaniline	µg/kg	16	--	--	0	0	--	1100	62000	16	NA	NA
SVOCs	Atrazine	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	Caprolactam	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	Hexachlorocyclopentadiene	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	Isophorone	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	Nitrobenzene	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	n-Nitroso-di-n-propylamine	µg/kg	16	--	--	0	0	--	430	25000	16	NA	NA
SVOCs	Toxaphene	µg/kg	38	--	--	0	0	--	110	35000	38	NA	NA
VOCs	1,1,1,2-Tetrachloroethane	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	1,1,2-Trichloroethane	µg/kg	41	--	--	0	0	--	1.72	1100	41	NA	NA
VOCs	1,2,3-Trichloropropane	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	µg/kg	38	--	--	0	0	--	5	1100	38	NA	NA
VOCs	1,2-Dibromoethane	µg/kg	16	--	--	0	0	--	13	1100	16	NA	NA
VOCs	1,3-Dichloropropane	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	2,2-Dichloropropane	µg/kg	22	--	--	0	0	--	3.65	100	22	NA	NA
VOCs	2-Chloroethylvinylether	µg/kg	25	--	--	0	0	--	5	100	25	NA	NA
VOCs	2-Chlorotoluene	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	2-Hexanone	µg/kg	38	--	--	0	0	--	13	1100	38	NA	NA

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Table A-6
Summary of Sediment Screening Results for Preliminary COPC Selection

Group	Chemical Name	Units	Number of Samples	Minimum Detect	Maximum Detect	Number of Detects	Frequency of Detection (%)	Average Detection	Minimum Non Detect	Maximum Non Detect	Number of Non Detects	Benchmark Value	Exceeds Benchmark
VOCs	4-Chlorotoluene	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	Acrolein	µg/kg	25	--	--	0	0	--	13.47	1000	25	NA	NA
VOCs	Bromobenzene	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	Bromochloromethane	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	Bromodichloromethane	µg/kg	41	--	--	0	0	--	1.76	1100	41	NA	NA
VOCs	Bromomethane	µg/kg	41	--	--	0	0	--	4.63	1100	41	NA	NA
VOCs	Chloroethane	µg/kg	41	--	--	0	0	--	2.13	1100	41	NA	NA
VOCs	cis-1,2-Dichloroethene	µg/kg	38	--	--	0	0	--	5	1100	38	NA	NA
VOCs	cis-1,3-Dichloropropene	µg/kg	41	--	--	0	0	--	1.6	1100	41	NA	NA
VOCs	Dibromochloromethane	µg/kg	41	--	--	0	0	--	1.39	1100	41	NA	NA
VOCs	Dibromomethane	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA
VOCs	Dichlorodifluoromethane	µg/kg	38	--	--	0	0	--	5	1100	38	NA	NA
VOCs	Methyl acetate	µg/kg	16	--	--	0	0	--	13	8700	16	NA	NA
VOCs	Methyltert-butylether	µg/kg	16	--	--	0	0	--	13	1100	16	NA	NA
VOCs	trans-1,2-Dichloroethene	µg/kg	38	--	--	0	0	--	3.65	1100	38	NA	NA
VOCs	trans-1,3-Dichloropropene	µg/kg	41	--	--	0	0	--	1.69	1100	41	NA	NA
VOCs	Trichlorotrifluoroethane	µg/kg	16	--	--	0	0	--	13	1100	16	NA	NA
VOCs	Vinyl Acetate	µg/kg	22	--	--	0	0	--	5	100	22	NA	NA

Note:
NA - Not applicable
a - Based on maximum detected concentration
* - Compared to detection limit

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Table B-1
Comparison of Second-Tier Surface Water PCOPCs to Segment and Basin Wide Data

Chemical	Units	Patrick Bayou							Segments 1006 and 1005						
		Number of Samples	Minimum	Maximum	Median	Mean	Standard Devation	90th Percentile	Number of Samples	Minimum	Maximum	Median	Mean	Standard Devation	90th Percentile
Aluminum, Dissolved	µg/L	34	1.00	61.0	13.0	23.8	19.7	50.0	63	1.00	367	17.0	34.6	53.3	61.2
Ammonia, Total	mg/L	14	0.0250	1.31	0.360	0.413	0.331	0.734	2232	0.00500	18.5	0.200	0.436	0.986	0.900
Calcium, Dissolved	mg/L	38	0.153	232	136	136	59.7	221	58	22.6	361	138	133	69.6	215
Fluoride, Total	mg/L	8	0.400	0.780	0.555	0.576	0.120	0.756	837	0.0800	6.33	0.400	0.446	0.375	0.700
Iron, Dissolved	µg/L	12	0.0250	36.4	5.00	8.44	10.8	27.2	16	0.0250	61.0	5.00	9.42	15.3	22.9
Magnesium, Dissolved	mg/L	37	5.52	618	187	238	205	547	58	5.91	781	296	291	202	567
Manganese, Dissolved	µg/L	12	11.2	63.0	31.5	32.1	14.6	51.3	16	7.00	66.5	25.5	28.4	18.4	61.5
Nitrate as N	mg/L	22	2.31	35.0	5.75	9.58	10.0	28.5	374	0.100	10.6	1.60	2.38	2.37	5.81
Nitrite as N	mg/L	4	0.0500	0.500	0.115	0.195	0.212	0.500	61	0.0250	1.20	0.100	0.167	0.188	0.354
ortho-Phosphate, Total	mg/L	12	0.0600	1.07	0.405	0.480	0.329	0.951	134	0.0200	2.44	0.310	0.510	0.504	1.27
Phosphorus, Total	mg/L	32	0.380	2.85	0.745	0.929	0.560	1.61	765	0.0300	7.13	0.420	0.625	0.580	1.41
Potassium, Dissolved	mg/L	30	3.08	206	58.0	75.1	62.7	161	20	3.17	225	53.5	90.1	77.1	179
Sodium, Dissolved	mg/L	30	0.250	6050	2320	2550	1810	5060	20	47.7	5500	1560	2140	1820	4410
Total Kjeldahl Nitrogen, Total	mg/L	32	0.610	4.40	2.40	2.33	1.04	4.10	282	0.410	3.90	1.00	1.09	0.463	1.51

Note:

Includes samples collected 1996-2006

Non-detects included at one half detection limit

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Table B-5
Summary of PAH and Metal Mixture ESB Results in Surface Sediment and Porewater

Station	Sample Date	PAH ESB[a]		Metals ESB ($ESB_{AVS:WQC}$)[b]	
		Sediment ∑ $ESBTU_{fcv}$	Porewater ∑ IWTU	Sediment ∑SEM-AVS/foc	Porewater ∑ IWBU
Sediment Samples					
PB-003	10/2/06	0.83	na	-473.61	na
PB-009	10/2/06	0.63	na	87.05	na
PB-016	10/3/06	2.5	na	132.80	na
PB-018	10/3/06	6.36	na	-976.51	na
PB-022	10/3/06	1.36	na	-950.78	na
EF-001	10/5/06	0.22	na	-175.54	na
PB-030	10/4/06	3.49	na	-207.82	na
PB-036	10/4/06	3.46	na	-943.55	na
PB-042	10/4/06	0.72	na	-790.19	na
PB-048	10/4/06	0.34	na	-1410.84	na
PB-057	10/5/06	8.48	na	-2469.37	na
PB-073	10/5/06	6.48	na	-3802.23	na
PB-063	10/5/06	1.9	na	-1549.32	na
PB-077	10/5/06	0.004	na	-1.67	na
2.5	4/23/01	5.25	na	-18.63	na
3	8/12/03	1.03	na	-164.80	na
3	4/24/01	18.11	na	na	na
5	4/24/01	5.86	na	-2780.32	na
7	8/12/03	0.13	na	-360.05	na
7	4/26/01	0.97	na	na	na
4A	8/12/03	0.46	na	-357.41	na
4A	4/24/01	1.42	na	na	na
6A	8/12/03	0.72	na	-562.14	na
6A	4/25/01	1.24	na	na	na
E	4/23/01	5.07	na	-354.15	na
G	4/24/01	1.02	na	-1.38	na
Q	4/25/01	1.06	na	-2317.70	na
R	8/12/03	1.91	na	-235.04	na
R	4/26/01	3.06	na	na	na
S	4/24/01	9.83	na	-1685.40	na
T	4/25/01	1.9	na	-1525.21	na
U	4/24/01	0.1	na	23.81	na
V	4/23/01	2.53	na	-261.88	na
Y	4/26/01	0.54	na	18.19	na
Porewater Samples					
PB-006A	8/9/07	na	3.94	na	0.78
PB-006B	8/9/07	na	9.05	na	0.91
PB-023	8/3/07	na	8.91	na	0.64
PB-024	8/4/07	na	4300	na	0.81
PB-036	8/6/07	na	7140	na	6.94
PB-044	8/6/07	na	3.33	na	0.63
PB-046	8/7/07	na	42.6	na	1.76
PB-052	8/7/07	na	3.82	na	1.18
PB-053	8/8/07	na	12.1	na	1.99
PB-059	8/8/07	na	7.93	na	1.57

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Note:

Refer to Section 3.3.3 and Section 3.3.4 for discussion on how these ESBs were derived.

na - Result not specific to medium data set

ESB - Equilibrium Partitioning Sediment Benchmarks for metals mixture (cadmium, copper, lead, nickel, and zinc)

Table B-5
Summary of PAH and Metal Mixture ESB Results in Surface Sediment and Porewater

a - PAH ESBs can be calculated two ways. Using sediment data, if the ∑ESBTU < 1.0, concentrations of the PAH mixture are acceptable for the protection of benthic organisms (USEPA 2003). Using porewater data, if the ∑ESBTU < 1.0, toxicity is not expected

a - PAH ESBs can be calculated two ways. Using sediment data, if the ∑ESBTU < 1.0, concentrations of the PAH mixture are acceptable for the protection of benthic organisms (USEPA 2003). Using porewater data, if the ∑ESBTU < 1.0, toxicity is not expected.

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Table C-1
Bioaccumulative COPC Refinement: No Effect Screening Values

Chemical Class	Chemical[a]	No Effect-Equivalent Food Concentrations (ww)[b]		No Effect-Equivalent Tissue Residue Effect Concentrations (ww)[c]	
		Mammal	Bird	Fish	Source
Metals (mg/kg)	Arsenic	0.166	3.53	0.341	ERED; LOED/10; NOED > LOED
	Cadmium	2.431	2.08	0.00549	ERED
	Chromium	6653	1.44	1.07	ERED
	Copper	36.98	67.48	3.41	ERED
	Lead	19.45	1.62	1.58	ERED
	Mercury	0.05	0.009	1.56	ERED
	Nickel	97.23	111	NV	
	Selenium	0.49	2.58	1.34	ERED
	Zinc	389	20.82	39.4	ERED
PAHs (µg/kg)	2-Methylnaphthalene	65763	1594	659	ERED, PAH used as surrogate
	Acenaphthene	23017	1450	3500	ERED
	Acenaphthylene	23017	1450	659	ERED, PAH used as surrogate
	Anthracene	131526	1594	659	ERED, PAH used as surrogate
	Benzo(a)anthracene	1315	402027	659	ERED, PAH used as surrogate
	Benzo(a)pyrene	1315	402027	12300	ERED
	Benzo(b)fluoranthene	1315	402027	659	ERED, PAH used as surrogate
	Benzo(g,h,i)perylene	1315	402027	659	ERED, PAH used as surrogate
	Benzo(k)fluoranthene	1315	402027	659	ERED, PAH used as surrogate
	Chrysene	1315	402027	NV	ERED, PAH used as surrogate
	Dibenzo(a,h)anthracene	1315	402027	659	ERED, PAH used as surrogate
	Fluoranthene	1315	402027	659	ERED, PAH used as surrogate
	Fluorene	16441	1450	659	ERED, PAH used as surrogate
	Indeno(1,2,3-cd)pyrene	1315	402027	659	ERED, PAH used as surrogate
	Naphthalene	121540	1594	1700	ERED; LOED Based
	Phenanthrene	16441	1622	36600	ERED
	Pyrene	9864	402027	659	ERED, PAH used as surrogate
	Total HPAH 16	1315	402027	659	ERED, PAH used as surrogate
	Total LPAH 16	16441	1450	659	ERED, PAH used as surrogate
	Total PAH 16	17756	403477	659	ERED, PAH used as surrogate
PCBs (µg/kg)	Aroclor 1248	47.26	589	NV	
	Aroclor 1254	442	258	17300	ERED
	Aroclor 1260	442	11960	NV	
	PCB congeners	47.26	589	769	ERED; 'PCB' used as surrogate; LOED/10; NOED > LOED

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Table C-1
Bioaccumulative COPC Refinement: No Effect Screening Values

Chemical Class	Chemical[a]	No Effect-Equivalent Food Concentrations (ww)[b]		No Effect-Equivalent Tissue Residue Effect Concentrations (ww)[c]	
		Mammal	Bird	Fish	Source
	Total PCB Aroclors	47.26	589	769	ERED; 'PCB' used as surrogate; LOED/10; NOED > LOED
Dioxin/Furans (ng/kg)	Dioxin/furan congeners	2.431	20.10	87.8	ERED; LOED/10; NOED > LOED
Pesticides (µg/kg)	4,4'-DDD	1945	4.020	60.0	ERED; LOED/10; NOED > LOED
	4,4'-DDE	1945	4.020	81.0	ERED; LOED/10; NOED > LOED
	4,4'-DDT	1945	4.020	6140	ERED
	Aldrin	486	111	157	ERED
	Endrin	121	14.358	306	ERED
	alpha-Chlordane	6050	3073	381	ERED; 'Chlordane' used as surrogate
	gamma-BHC (Lindane)	19446	2872	4830	ERED
	Endosulfan I	365	14358	195	ERED; 'Endosulfan' used as surrogate
	Endosulfan II	365	14358	195	ERED; 'Endosulfan' used as surrogate
	gamma-Chlordane	6050	3073	381	ERED; 'Chlordane' used as surrogate
	Methoxychlor	9723	254856	180	ERED
	Total Chlordane (alpha & gamma)	6050	3073	381	ERED; 'Chlordane' used as surrogate
	Total DDT	1945	4.02	NV	
SVOCs (µg/kg)	Hexachlorobenzene	7025	962	NV	
	Hexachlorobutadiene	4862	5743	2580	ERED; LOED Based
	Hexachloroethane	243080	1436	NV	
VOCs (µg/kg)	1,2-Dichlorobenzene	291696	23088	700	ERED
	1,3-Dichlorobenzene	208319	23088	68800	ERED
	1,4-Dichlorobenzene	1458478	23088	33700	ERED

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Note

a - Chemicals in this screening table are those identified as potential bioaccumulatives in the preliminary COPC screening (Appendix A) and were detected at least once in the surface sediment data set.

b - No Effect equivalent food concentrations calcuated using Equation 10 of Sample et al (1996), as detailed in Appendix B. Value used for screening the lowest food concentrations was estimated using NOAEL-based TRVs (river otter and spotted sandpiper).

c - No Effect fish whole-body tissue residue concentrations compiled from ERED (http://el.erdc.usace.army.mil/ered/). Benchmarks are the geometric mean of no effect concentrations associated with endpoints of growth, reproduction, or survivability. If the NOED geomean exceeded the LOED geomean, the LOED value was divided by a safety factor of 10 to calculate the NOED benchmark. LOED-based results divided by a safety factor of 10 when a NOED value was not available given data requirements.

NV - No Values in ERED that met requirements for use in screening.

Table C-2
Bioaccumulative COPC Refinement: Low Effect Screening Values

Chemical Class	Chemical[a]	Low Effect-Equivalent Food Concentrations (ww)[b]		Low Effect-Equivalent Tissue Residue Effect Concentrations (ww)[c]	
		Mammal	Bird	Fish	Source
Metals (mg/kg)	Arsenic	1.657	10.596	3.41	ERED
	Cadmium	24.31	28.716	2.29	ERED
	Chromium	33265	7.179	5.33	ERED; NOED Based
	Copper	48.67	88.590	9.65	ERED
	Lead	194.46	16.225	4.00	ERED
	Mercury	0.08	0.092	3.37	ERED
	Nickel	194.46	154	NV	
	Selenium	0.80	12.922	1.90	ERED
	Zinc	778	188.091	80.0	ERED
PAHs (µg/kg)	2-Methylnaphthalene	328815	7969	3290	ERED, PAH used as surrogate
	Acenaphthene	115085	7251	17500	ERED; NOED Based
	Acenaphthylene	115085	7251	3290	ERED, PAH used as surrogate
	Anthracene	657630	7969	3290	ERED, PAH used as surrogate
	Benzo(a)anthracene	13153	2010135	3290	ERED, PAH used as surrogate
	Benzo(a)pyrene	13153	2010135	61700	ERED; NOED Based
	Benzo(b)fluoranthene	13153	2010135	3290	ERED, PAH used as surrogate
	Benzo(g,h,i)perylene	13153	2010135	3290	ERED, PAH used as surrogate
	Benzo(k)fluoranthene	13153	2010135	3290	ERED, PAH used as surrogate
	Chrysene	13153	2010135	NV	ERED, PAH used as surrogate
	Dibenzo(a,h)anthracene	13153	2010135	3290	ERED, PAH used as surrogate
	Fluoranthene	13153	2010135	3290	ERED, PAH used as surrogate
	Fluorene	82204	7251	3290	ERED, PAH used as surrogate
	Indeno(1,2,3-cd)pyrene	13153	2010135	3290	ERED, PAH used as surrogate
	Naphthalene	607699	7969	17000	ERED
	Phenanthrene	82204	8112	183000	ERED; NOED Based
	Pyrene	49322	2010135	3290	ERED, PAH used as surrogate
	Total HPAH 16	13153	2010135	3290	ERED, PAH used as surrogate
	Total LPAH 16	82204	7250.84	3290	ERED, PAH used as surrogate
	Total PAH 16	95356	2017386	3290	ERED, PAH used as surrogate
PCBs (µg/kg)	Aroclor 1248	472.58	2943	NV	
	Aroclor 1254	2181	2584	33800	ERED
	Aroclor 1260	2181	59802	NV	
	PCB congeners	472.58	2943	7690	ERED; 'PCB' used as surrogate
	Total PCB Aroclors	472.58	2943	7690	ERED; 'PCB' used as surrogate

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Table C-2
Bioaccumulative COPC Refinement: Low Effect Screening Values

Chemical Class	Chemical[a]	Low Effect-Equivalent Food Concentrations (ww)[b]		Low Effect-Equivalent Tissue Residue Effect Concentrations (ww)[c]	
		Mammal	Bird	Fish	Source
Dioxin/Furans (ng/kg)	Dioxin/furan congeners	24.308	201.01	878	ERED
Pesticides (µg/kg)	4,4'-DDD	9723	40.203	600	ERED
	4,4'-DDE	9723	40.203	810	ERED
	4,4'-DDT	9723	40.203	11100	ERED
	Aldrin	2431	553	785	ERED
	Endrin	1210	143.581	417	ERED
	alpha-Chlordane	12100	15363	14100	ERED; 'Chlordane' used as surrogate
	gamma-BHC (Lindane)	7779	28716	9530	ERED
	Endosulfan I	1823	71791	975	ERED; 'Endosulfan' used as surrogate
	Endosulfan II	1823	71791	975	ERED; 'Endosulfan' used as surrogate
	gamma-Chlordane	12100	15363	14100	ERED; 'Chlordane' used as surrogate
	Methoxychlor	19446	2548564	902	ERED; NOED Based
	Total Chlordane (alpha & gamma)	12100	15363	14100	ERED; 'Chlordane' used as surrogate
	Total DDT	9723	40.20	NV	
SVOCs (µg/kg)	Hexachlorobenzene	67439	4810	NV	
	Hexachlorobutadiene	24308	28716	25800	ERED
	Hexachloroethane	1215398	7179	NV	
VOCs (µg/kg)	1,2-Dichlorobenzene	1458478	230878	3500	ERED; NOED Based
	1,3-Dichlorobenzene	1041596	230878	170000	ERED
	1,4-Dichlorobenzene	7292390	230878	103000	ERED

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Note

a - Chemicals in this screening table are those identified as potential bioaccumulatives in the preliminary COPC screening (Appendix A) and were detected at least once in the surface sediment data set.

b - Low Effect equivalent food concentrations calcuated using Equation 10 of Sample et al (1996), as detailed in Appendix B. Value used for screening the lowest food concentrations was estimated using LOAEL-based TRVs (river otter and spotted sandpiper)

c - Low Effect fish whole-body tissue residue concentrations compiled from the ERED (http://el.erdc.usace.army.mil/ered/). Benchmarks are the geometric mean of effect concentrations associated with adverse effects on growth, reproduction, or survivability. NOED-based results multipled by a safety factor of 5 when a LOED value was not available given data requirements.

NV - No Values in ERED that met requirements for use in screening.

AWQC-derived - Value derived from an AWQC and BCF for the chemical, as reported in MESL (2002).

Table C-4
Summary of Avian TRV and Dietary-Based Tissue Benchmarks

Chemical Class	Chemical[a]	Toxicity Reference Values (TRVs) and Sources								No Effect Tissue Benchmarks (NOAEL-based) Concentration in Food (Cf; mg/kg)b			Low Effect Tissue Benchmarks (LOAEL-based) Concentration in Food (Cf; mg/kg)b		
		Source	Test Species	LD50 to NOAEL	LOAEL to NOAEL	NOAEL (mg/kg-day)	LD50 to LOAEL	NOAEL to LOAEL	LOAEL (mg/kg-day)	Spotted Sandpiper	Great Blue Heron	Belted Kingfisher	Spotted Sandpiper	Great Blue Heron	Belted Kingfisher
Metals	Arsenic	Sample et al (1996)	mallard duck			2.46			7.38	3.53	17.45	5.23	10.60	52.34	15.68
	Cadmium	Sample et al (1996)	mallard duck			1.45			20	2.08	10.28	3.08	28.72	141.83	42.50
	Chromium	Sample et al (1996); Cr+3	black duck			1			5	1.44	7.09	2.13	7.18	35.46	10.63
	Copper	Sample et al (1996)	1 day old chick			47			61.7	67.48	333.31	99.88	88.59	437.55	131.11
	Lead	Sample et al (1996)	Japanese quail			1.13			11.3	1.62	8.01	2.40	16.22	80.14	24.01
	Mercury	Sample et al (1996); methyl Hg	mallard duck			0.0064			0.064	0.01	0.05	0.01	0.09	0.45	0.14
	Nickel	Sample et al (1996)	mallard duckling			77.4			107	111.13	548.89	164.48	153.63	758.80	227.38
	Selenium	Sample et al (1996)	black-crowned night heron			1.8		5	9	2.58	12.76	3.83	12.92	63.82	19.13
	Zinc	Sample et al (1996)	chicken			14.5			131	20.82	102.83	30.81	188.09	929.00	278.38
PAHs	2-Methylnaphthalene	Anthracene	--	100		1.11		5	5.55	1.59	7.87	2.36	7.97	39.36	11.79
	Acenaphthene	Shafer (1983)	red-winged blackbird	100		1.01		5	5.05	1.45	7.16	2.15	7.25	35.81	10.73
	Acenaphthylene	Acenaphthene	--	100		1.01		5	5.05	1.45	7.16	2.15	7.25	35.81	10.73
	Anthracene	Shafer (1983)	red-winged blackbird	100		1.11		5	5.55	1.59	7.87	2.36	7.97	39.36	11.79
	Benzo(a)anthracene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Benzo(a)pyrene	Rigdon and Neal (1963)	chick			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Benzo(b)fluoranthene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Benzo(g,h,i)perylene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Benzo(k)fluoranthene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Chrysene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Dibenzo(a,h)anthracene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Fluoranthene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Fluorene	Shafer (1983)	red-winged blackbird	100		1.01		5	5.05	1.45	7.16	2.15	7.25	35.81	10.73
	Indeno(1,2,3-cd)pyrene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Naphthalene	Shafer (1983)	red-winged blackbird			1.11		5	5.55	1.59	7.87	2.36	7.97	39.36	11.79
	Phenanthrene	Shafer (1983)	red-winged blackbird	100		1.13		5	5.65	1.62	8.01	2.40	8.11	40.07	12.01
	Pyrene	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Total HPAH 16	Benzo(a)pyrene	--			280		5	1400	402.03	1985.7	595	2010.1	9928.3	2975
	Total LPAH 16	Fluorene	--	100		1.01		5	5.05	1.45	7.16	2.15	7.25	35.81	10.73
	Total PAH 16	Sum of HPAH and LPAH[c]	--			--			--	403.48	1992.82	597.15	2017.39	9964.09	2985.73
PCBs	Aroclor 1248	Aroclor 1242	screech owl			0.41		5	2.05	0.59	2.91	0.87	2.94	14.54	4.36
	Aroclor 1254	Sample et al (1996)	ring-necked pheasant		10	0.18			1.8	0.26	1.28	0.38	2.58	12.76	3.83
	Aroclor 1260	Call and Harrell (1974)	Japanese quail			8.33		5	41.65	11.96	59.07	17.70	59.80	295.37	88.51
	Total PCB Aroclors	Aroclor 1242	--			0.41		5	2.05	0.59	2.91	0.87	2.94	14.54	4.36
	PCB congeners	Aroclor 1242	--			0.41		5	2.05	0.59	2.91	0.87	2.94	14.54	4.36
Dioxin/Furan	Dioxin/furan congeners	Sample et al (1996); 2,3,7,8-TCDD	ring-necked pheasant			0.000014			0.00014	0.00002	0.0001	0.00003	0.0002	0.001	0.0003
Pesticides	4,4'-DDD	Sample et al (1996); DDT and metabolites	brown pelican		10	0.0028			0.028	0.004	0.02	0.01	0.04	0.20	0.06
	4,4'-DDE	Sample et al (1996); DDT and metabolites	brown pelican		10	0.0028			0.028	0.004	0.02	0.01	0.04	0.20	0.06
	4,4'-DDT	Sample et al (1996); DDT and metabolites	brown pelican		10	0.0028			0.028	0.004	0.02	0.01	0.04	0.20	0.06
	Aldrin	Dieldrin	barn owl			0.077		5	0.385	0.11	0.55	0.16	0.55	2.73	0.82
	Endrin	Sample et al (1996)	screech owl			0.01			0.1	0.01	0.07	0.02	0.14	0.71	0.21
	alpha-Chlordane	Sample et al (1996); chlordane	red-winged blackbird			2.14			10.7	3.07	15.18	4.55	15.36	75.88	22.74
	gamma-BHC (Lindane)	Sample et al (1996)	mallard duck		10	2			20	2.87	14.18	4.25	28.72	141.83	42.50
	Heptachlor Epoxide	Hill et al (1975)	ring-necked pheasant	100		0.28	10		2.8	0.40	1.99	0.60	4.02	19.86	5.95
	Endosulfan I	Sample et al (1996); endosulfan	gray partridge			10		5	50	14.36	70.92	21.25	71.79	354.58	106.25
	Endosulfan II	Sample et al (1996); endosulfan	gray partridge			10		5	50	14.36	70.92	21.25	71.79	354.58	106.25
	gamma-Chlordane	Sample et al (1996); chlordane	red-winged blackbird			2.14			10.7	3.07	15.18	4.55	15.36	75.88	22.74
	Methoxychlor	Wiemeyer (1996)	chicken		10	177.5			1775	254.86	1258.76	377.19	2548.6	12587.6	3771.9
	Total Chlordane (alpha & g	Sample et al (1996); chlordane	red-winged blackbird			2.14			10.7	3.07	15.18	4.55	15.36	75.88	22.74
	Total DDT	Sample et al (1996); DDT and metabolites	brown pelican		10	0.0028			0.028	0.00	0.02	0.01	0.04	0.20	0.06

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Table C-4
Summary of Avian TRV and Dietary-Based Tissue Benchmarks

Chemical Class	Chemical[a]	Toxicity Reference Values (TRVs) and Sources								No Effect Tissue Benchmarks (NOAEL-based) Concentration in Food (Cf; mg/kg)b			Low Effect Tissue Benchmarks (LOAEL-based) Concentration in Food (Cf; mg/kg)b		
		Source	Test Species	LD50 to NOAEL	LOAEL to NOAEL	NOAEL (mg/kg-day)	LD50 to LOAEL	NOAEL to LOAEL	LOAEL (mg/kg-day)	Spotted Sandpiper	Great Blue Heron	Belted Kingfisher	Spotted Sandpiper	Great Blue Heron	Belted Kingfisher
SVOCs	Hexachlorobenzene	Vos et al (1971)	Japanese quail			0.67		5	3.35	0.96	4.75	1.42	4.81	23.76	7.12
	Hexachlorobutadiene	ECOTOX (ref 35430) (USEPA 2007b)	Japanese quail			4		5	20	5.74	28.37	8.50	28.72	141.83	42.50
	Hexachloroethane	USEPA (1993)	--			1		5	5	1.44	7.09	2.13	7.18	35.46	10.63
VOCs	1,2-Dichlorobenzene	1,4-Dichlorobenzene	--	100		16.08	10		160.8	23.09	114.03	34.17	230.88	1140.33	341.70
	1,3-Dichlorobenzene	1,4-Dichlorobenzene	--	100		16.08	10		160.8	23.09	114.03	34.17	230.88	1140.33	341.70
	1,4-Dichlorobenzene	ECOTOX (ref 344) (USEPA 2007b)	Northern bobwhite	100		16.08	10		160.8	23.09	114.03	34.17	230.88	1140.33	341.70

Notes

a - Chemicals in this screening table are those identified as potential bioaccumulatives in the preliminary COPC screening (Appendix A) and were detected at least once in the surface sediment data set.

b - Cf=TRV/f (Equation 10; Sample et al 1996)

c - Tissue benchmarks for Total PAH were derived by summing the concentrations from the high molecular weight PAH (HPAH) and low molecular weight PAH (LPAH).

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Table C-5
Summary of Mammlian TRV and Dietary-Based Tissue Benchmarks

Chemical Class	Chemical[a]	Toxicity Reference Values (TRVs) and Sources									No Effect Tissue Benchmarks (NOAEL-based) Concentration in Food (Cf; mg/kg)[bc]			Low Effect Tissue Benchmarks (LOAEL-based) Concentration in Food (Cf; mg/kg)[bc]		
		Source	Test Species	Test Species Body Weight (BWt; kg)	Subchronic to Chronic	LOAEL to NOAEL	NOAEL (TRVt; mg/kg-day)	Subchronic to Chronic	NOAEL to LOAEL	LOAEL (TRVt; mg/kg-day)	River Otter (7.43 kg)	Mink (0.852 kg)	Raccoon (3.99 kg)	River Otter (7.43 kg)	Mink (0.852 kg)	Raccoon (3.99 kg)
Metals	Arsenic	Sample et al (1996)	mouse	0.03		10	0.126			1.26	0.17	0.21	0.18	1.66	2.11	1.76
	Cadmium	Sample et al (1996)	rat	0.35			1			10	2.43	3.10	2.58	24.31	31.00	25.76
	Chromium	Sample et al (1996); as Cr+3	rat	0.35			2737		5	13685	6653.09	8485.92	7051.75	33265.45	42429.59	35258.75
	Copper	Sample et al (1996)	mink	1			11.7			15.4	36.98	47.16	39.19	48.67	62.08	51.59
	Lead	Sample et al (1996)	rat	0.35			8			80	19.45	24.80	20.61	194.46	248.04	206.12
	Mercury	Sample et al (1996); methyl Hg	mink	1	10		0.015	10		0.025	0.05	0.06	0.05	0.08	0.10	0.08
	Nickel	Sample et al (1996)	rat	0.35			40			80	97.23	124.02	103.06	194.46	248.04	206.12
	Selenium	Sample et al (1996)	rat	0.35			0.2			0.33	0.49	0.62	0.52	0.80	1.02	0.85
	Zinc	Sample et al (1996)	rat	0.35			160			320	388.93	496.07	412.23	777.85	992.14	824.46
PAHs	2-Methylnaphthalene	EFA West (1998)	mouse	0.03			50		5	250	65.76	83.88	69.70	328.82	419.40	348.52
	Acenaphthene	IRIS (USEPA 2007a)	mouse	0.03	10		17.5		5	87.5	23.02	29.36	24.40	115.09	146.79	121.98
	Acenaphthylene	IRIS (USEPA 2007a)	mouse	0.03	10		17.5		5	87.5	23.02	29.36	24.40	115.09	146.79	121.98
	Anthracene	IRIS (USEPA 2007a)	mouse	0.03	10		100		5	500	131.53	167.76	139.41	657.63	838.80	697.04
	Benzo(a)anthracene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Benzo(a)pyrene	Sample et al (1996)	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Benzo(b)fluoranthene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Benzo(g,h,i)perylene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Benzo(k)fluoranthene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Chrysene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Dibenzo(a,h)anthracene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Fluoranthene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Fluorene	IRIS (USEPA 2007a)	mouse	0.03	10		12.5		5	62.5	16.44	20.97	17.43	82.20	104.85	87.13
	Indeno(1,2,3-cd)pyrene	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Naphthalene	EFA West (1998)	rat	0.35			50		5	250	121.54	155.02	128.82	607.70	775.11	644.11
	Phenanthrene	Fluorene	mouse	0.03	10		12.5		5	62.5	16.44	20.97	17.43	82.20	104.85	87.13
	Pyrene	IRIS (USEPA 2007a)	mouse	0.03	10		7.5		5	37.5	9.86	12.58	10.5	49.3	62.90984232	52.3
	Total HPAH 16	Benzo(a)pyrene	mouse	0.03			1			10	1.32	1.68	1.4	13.2	16.77595795	13.9
	Total LPAH 16	Fluorene	--	0.03			12.5			62.5	16.44	20.97	17.43	82.20	104.85	87.13
	Total PAH 16	Sum of HPAH and LPAH[d]	--	0.03			--			--	17.76	22.65	18.82	95.36	121.63	101.07
PCBs	Aroclor 1248	Sample et al (1996)	Rhesus monkey	5		10	0.01			0.1	0.05	0.06	0.05	0.47	0.60	0.50
	Aroclor 1254	Sample et al (1996)	mink	1		10	0.14			0.69	0.44	0.56	0.47	2.18	2.78	2.31
	Aroclor 1260	Aroclor 1254	mink	1		10	0.14			0.69	0.44	0.56	0.47	2.18	2.78	2.31
	Total PCB Aroclors	Aroclor 1248	Rhesus monkey	5		10	0.01			0.1	0.05	0.06	0.05	0.47	0.60	0.50
	PCB congeners	Aroclor 1248	Rhesus monkey	5		10	0.01			0.1	0.05	0.06	0.05	0.47	0.60	0.50
Dioxins/Furans	Dioxin/furan congeners	Sample et al (1996); 2,3,7,8-TCDD	rat	0.35			0.000001			0.00001	0.000002	0.000003	0.000003	0.0000	0.0000	0.000
Pesticides	4,4'-DDD	Sample et al (1996); DDT and metabolites	rat	0.35			0.8			4	1.945	2.48	2.06	9.72	12.40	10.31
	4,4'-DDE	Sample et al (1996); DDT and metabolites	rat	0.35			0.8			4	1.945	2.48	2.06	9.72	12.40	10.31
	4,4'-DDT	Sample et al (1996); DDT and metabolites	rat	0.35			0.8			4	1.945	2.48	2.06	9.72	12.40	10.31
	Aldrin	Sample et al (1996)	rat	0.35			0.2			1	0.49	0.62	0.52	2.43	3.10	2.58
	Endrin	Sample et al (1996)	mouse	0.03		10	0.092			0.92	0.12	0.15	0.13	1.21	1.54	1.28
	alpha-Chlordane	Sample et al (1996); chlordane	mouse	0.03			4.6			9.2	6.05	7.72	6.41	12.10	15.43	12.83
	gamma-BHC (Lindane)	Sample et al (1996)	rat	0.35			8		5	40	19.45	24.80	20.61	97.23	124.02	103.06
	Heptachlor Epoxide	Sample et al (1996); Heptachlor	mink	1			0.1			1	0.32	0.40	0.33	3.16	4.03	3.35
	Endosulfan I	Sample et al (1996)	rat	0.35			0.15		5	0.75	0.36	0.47	0.39	1.82	2.33	1.93
	Endosulfan II	Sample et al (1996)	rat	0.35			0.15		5	0.75	0.36	0.47	0.39	1.82	2.33	1.93
	gamma-Chlordane	Sample et al (1996); chlordane	mouse	0.03			4.6			9.2	6.05	7.72	6.41	12.10	15.43	12.83
	Methoxychlor	Sample et al (1996)	rat	0.35			4			8	9.72	12.40	10.31	19.4	24.8	20.6
	Total Chlordane (alpha & g	Sample et al (1996); chlordane	mouse	0.03			4.6			9.2	6.05	7.72	6.41	12.10	15.43	12.83
	Total DDT	Sample et al (1996); DDT and metabolites	rat	0.35			0.8			4	1.94	2.48	2.06	9.72	12.40	10.31
SVOCs	Hexachlorobenzene	Gralla et al (1977)	beagle dog	10			1.25			12	7.02	8.96	7.45	67.44	86.02	71.48
	Hexachlorobutadiene	Schwetz et al (1977)	rat	0.35			2		5	10	4.86	6.20	5.15	24.31	31.00	25.76
	Hexachloroethane	ATSDR (1997)	rat	0.35			100		5	500	243.08	310.04	257.65	1215.40	1550.22	1288.23

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Table C-5
Summary of Mammlian TRV and Dietary-Based Tissue Benchmarks

Chemical Class	Chemical[a]	Toxicity Reference Values (TRVs) and Sources									No Effect Tissue Benchmarks (NOAEL-based) Concentration in Food (Cf; mg/kg)[bc]			Low Effect Tissue Benchmarks (LOAEL-based) Concentration in Food (Cf; mg/kg)[bc]		
		Source	Test Species	Test Species Body Weight (BWt; kg)	Subchronic to Chronic	LOAEL to NOAEL	NOAEL (TRVt; mg/kg-day)	Subchronic to Chronic	NOAEL to LOAEL	LOAEL (TRVt; mg/kg-day)	River Otter (7.43 kg)	Mink (0.852 kg)	Raccoon (3.99 kg)	River Otter (7.43 kg)	Mink (0.852 kg)	Raccoon (3.99 kg)
VOCs	1,2-Dichlorobenzene	NTP (1985)	rat	0.35			120		5	600	291.70	372.05	309.17	1458.48	1860.27	1545.87
	1,3-Dichlorobenzene	Coulston and Kolbye 1994	rat	0.35			85.7		5	428.5	208.32	265.71	220.80	1041.60	1328.54	1104.01
	1,4-Dichlorobenzene	ATSDR (2006)	rat	0.35			600		5	3000	1458.48	1860.27	1545.87	7292.39	9301.33	7729.36

Notes

a - Chemicals in this screening table are those identified as potential bioaccumulatives in the preliminary COPC screening (Appendix A) and were detected at least once in the surface sediment data set.

b - Cf=TRVw/f (Equation 10; Sample et al 1996)

c - Body weight scaling: TRVw=TRVt*(bwt/bw w)1/4 (Equation 4; Sample et al 1996)

d - Tissue benchmarks for Total PAH were derived by summing the concentrations from the high molecular weight PAH (HPAH) and low molecular weight PAH (LPAH).

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Table C-10
Bioaccumulative COPC Summary: Screening Results for Avian Receptors

		Sediment Data ProUCL Output[b]					Lower Bound Screening[c]						Upper Bound Screening[d]				
Chemical Class	Chemical[a]	N	N Det	Data Distribution	Suggested 95th UCL		Geomean BSAF[e] (ww food / dw sed)	TEF-bird - (WHO 1998)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww)	Low Effect Tissue Benchmark (ww food)	Screening HQ Lower Bound (Tissue Conc/ Benchmark)	95th percentile BSAF[e] (ww food / dw sed)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww food)	No Effect Tissue Benchmark (ww food)	Screening HQ Upper Bound (Tissue Conc / Benchmark)
Metals (mg/kg)	Arsenic	29	29	Appr. Gamma at 5% Significance	95% KM (BCA)	8.719	0.076			0.66	10.60	0.06	0.183		1.59	3.53	0.45
	Cadmium	29	28	Gamma at 5% Significance	95% KM (BCA)	0.777	0.028			0.02	28.72	0.001	0.453		0.35	2	0.17
	Chromium	29	29	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	201.1	0.005			1.09	7.18	0.15	0.016		3.26	1	2.27
	Copper	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	104.2	0.047			4.86	88.59	0.05	0.236		24.64	67	0.37
	Lead	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	122.6	0.004			0.50	16.22	0.03	0.022		2.75	2	1.69
	Mercury	29	29	Lognormal at 5% Significance	99% KM (Chebyshev)	65.04	0.127			8.28	0.09	90.14	0.577		37.52	0.01	4083.17
	Nickel	29	29	Lognormal at 5% Significance	95% KM (Chebyshev)	59.18	0.007			0.44	153.63	0.003	0.051		3.04	111	0.03
	Selenium	29	20	Normal at 5% Significance	95% KM (t)	1.003	0.622			0.62	12.92	0.05	1.010		1.01	3	0.39
	Zinc	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	556.2	0.162			89.88	188.09	0.48	0.367		204.33	21	9.81
PAHs (µg/kg)	2-Methylnaphthalene	29	27	Lognormal at 5% Significance	99% KM (Chebyshev)	3977	0.075			298.80	7969	0.04	0.69		2751	1594	1.73
	Acenaphthene	29	28	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	3210	0.086			274.78	7251	0.04	0.80		2560	1450	1.77
	Acenaphthylene	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	3521	0.073			255.73	7251	0.04	0.52		1848	1450	1.27
	Anthracene	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	2376	0.068			162.58	7969	0.02	0.51		1205	1594	0.76
	Benzo(a)anthracene	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	1346	0.074			99.10	2010135	0.0000	0.57		774	402027	0.002
	Benzo(a)pyrene	28	28	Gamma at 5% Significance	95% KM (Chebyshev)	1672	0.074			124.02	2010135	0.0001	1.53		2561	402027	0.01
	Benzo(b)fluoranthene	28	27	Gamma at 5% Significance	95% KM (Chebyshev)	1362	0.060			82.31	2010135	0.0000	0.57		779	402027	0.002
	Benzo(g,h,i)perylene	28	28	Gamma at 5% Significance	95% KM (Chebyshev)	2723	0.061			164.94	2010135	0.0001	0.61		1659	402027	0.004
	Benzo(k)fluoranthene	29	27	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	1118	0.056			62.52	2010135	0.0000	0.72		803	402027	0.002
	Chrysene	28	28	Gamma at 5% Significance	95% KM (Chebyshev)	2010	0.070			141.45	2010135	0.0001	0.40		804	402027	0.002
	Dibenzo(a,h)anthracene	29	23	Gamma at 5% Significance	95% KM (BCA)	191.4	0.059			11.34	2010135	0.0000	0.66		127	402027	0.000
	Fluoranthene	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	4361	0.075			329	2010135	0.0002	0.99		4337	402027	0.01
	Fluorene	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	2781	0.071			197.9	7251	0.03	0.63		1738	1450	1.20
	Indeno(1,2,3-cd)pyrene	14	14	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	779.4	0.057			44.5	2010135	0.00002	0.57		446	402027	0.00
	Naphthalene	29	27	Lognormal at 5% Significance	99% KM (Chebyshev)	14474	0.074			1074	7969	0.13	1.53		22169	1594	13.91
	Phenanthrene	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	7055	0.084			594	8112	0.07	0.52		3701	1622	2.28
	Pyrene	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	12372	0.077			957	2010135	0.0005	0.52		6373	402027	0.02
	Total HPAH 16	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	25296	0.061			1545	2010135	0.001	2.02		51118	402027	0.13
	Total LPAH 16	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	23772	0.095			2269	7251	0.28	2.03		48263	1450	33.28
	Total PAH 16	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	47017	0.052			2425	2018247	0.001	2.05		96353	403477	0.24
PCBs (µg/kg)[b]	Aroclor 1248	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	7243	0.146			1057.28	2943.41	0.36	0.970		7029.17	589	11.94
	Aroclor 1254	14	7	Normal at 5% Significance	95% KM (t)	1582	0.237			374.70	2584.46	0.14	2.029		3209.40	258	12.42
	Aroclor 1260	14	1	NA	NA	820	0.206			168.69	59801.52	0.003	0.983		806.36	11960	0.07
	Total PCB Aroclors	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	21269	0.174			3709.216986	2943.41	1.26	0.859		18278.15	589	31.05
	PCB-077	14	14	Gamma at 5% Significance	95% KM (Chebyshev)	39201.8	0.056	0.05	110.6360	by TEQ	by TEQ	by TEQ	0.803	1574.372	by TEQ	by TEQ	by TEQ
	PCB-081	14	8	95% BCA Bootstrap UCL	99% KM (Chebyshev)	4235.6	0.192	0.1	81.2066	by TEQ	by TEQ	by TEQ	0.815	345.144	by TEQ	by TEQ	by TEQ
	PCB-105	14	13	Gamma at 5% Significance	95% KM (Chebyshev)	107065	0.237	0.0001	2.5384	by TEQ	by TEQ	by TEQ	2.055	22.003	by TEQ	by TEQ	by TEQ
	PCB-114	14	10	Gamma at 5% Significance	95% KM (Chebyshev)	6867.99	0.098	0.0001	0.0673	by TEQ	by TEQ	by TEQ	1.054	0.724	by TEQ	by TEQ	by TEQ
	PCB-118	14	14	Normal at 5% Significance	95% Student's-t	122060	0.485	0.00001	0.5921	by TEQ	by TEQ	by TEQ	5.677	6.930	by TEQ	by TEQ	by TEQ
	PCB-123	14	1	NA	NA	36135.5	0.106	0.00001	0.0383	by TEQ	by TEQ	by TEQ	1.127	0.407	by TEQ	by TEQ	by TEQ
	PCB-126	14	11	Gamma at 5% Significance	95% KM (BCA)	713.813	0.106	0.1	7.5661	by TEQ	by TEQ	by TEQ	1.127	80.436	by TEQ	by TEQ	by TEQ
	PCB-156	14	14	Normal at 5% Significance	95% Student's-t	9698	0.216	0.0001	0.2092	by TEQ	by TEQ	by TEQ	1.465	1.421	by TEQ	by TEQ	by TEQ
	PCB-157	14	14	Normal at 5% Significance	95% Student's-t	9698	0.250	0.0001	0.2428	by TEQ	by TEQ	by TEQ	1.526	1.480	by TEQ	by TEQ	by TEQ
	PCB-167	14	12	Normal at 5% Significance	95% KM (t)	2937.35	0.208	0.00001	0.0061	by TEQ	by TEQ	by TEQ	1.305	0.038	by TEQ	by TEQ	by TEQ
	PCB-169	14	3	Normal at 5% Significance	95% KM (t)	104.836	0.080	0.001	0.0084	by TEQ	by TEQ	by TEQ	0.658	0.069	by TEQ	by TEQ	by TEQ
	PCB-189	14	13	Gamma at 5% Significance	95% KM (Chebyshev)	1060.38	0.091	0.00001	0.0010	by TEQ	by TEQ	by TEQ	0.436	0.005	by TEQ	by TEQ	by TEQ
	PCB congeners	0	0	0	0	0	0.350			203.11	2943.41	0.0690	4.879		2033.03	589	3.45
Dioxin/Furans (ng/kg)[b]	1,2,3,4,6,7,8-HpCDD	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	758.7	0.004	0.001	0.0033	by TEQ	by TEQ	by TEQ	0.098	0.074	by TEQ	by TEQ	by TEQ
	1,2,3,4,6,7,8-HpCDF	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	895.2	0.004	0.01	0.0346	by TEQ	by TEQ	by TEQ	0.354	3.171	by TEQ	by TEQ	by TEQ
	1,2,3,4,7,8,9-HpCDF	29	25	Gamma at 5% Significance	95% KM (Chebyshev)	114.6	0.002	0.01	0.0028	by TEQ	by TEQ	by TEQ	0.786	0.900	by TEQ	by TEQ	by TEQ
	1,2,3,4,7,8-HxCDD	29	24	Gamma at 5% Significance	95% KM (Chebyshev)	13.52	0.016	0.05	0.0106	by TEQ	by TEQ	by TEQ	0.503	0.340	by TEQ	by TEQ	by TEQ
	1,2,3,4,7,8-HxCDF	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	329.6	0.007	0.1	0.2462	by TEQ	by TEQ	by TEQ	0.307	10.105	by TEQ	by TEQ	by TEQ
	1,2,3,6,7,8-HxCDD	29	27	Lognormal at 5% Significance	97.5% KM (Chebyshev)	54.67	0.016	0.01	0.0088	by TEQ	by TEQ	by TEQ	0.245	0.134	by TEQ	by TEQ	by TEQ
	1,2,3,6,7,8-HxCDF	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	105	0.026	0.1	0.2752	by TEQ	by TEQ	by TEQ	0.652	6.847	by TEQ	by TEQ	by TEQ
	1,2,3,7,8,9-HxCDD	29	25	Gamma at 5% Significance	95% KM (Chebyshev)	24.54	0.014	0.1	0.0355	by TEQ	by TEQ	by TEQ	0.274	0.673	by TEQ	by TEQ	by TEQ
	1,2,3,7,8,9-HxCDF	29	17	Gamma at 5% Significance	95% KM (t)	8.449	0.008	0.1	0.0069	by TEQ	by TEQ	by TEQ	0.398	0.337	by TEQ	by TEQ	by TEQ
	1,2,3,7,8-PeCDD	29	11	Gamma at 5% Significance	95% KM (t)	5.37	0.048	1	0.2582	by TEQ	by TEQ	by TEQ	0.484	2.599	by TEQ	by TEQ	by TEQ
	1,2,3,7,8-PeCDF	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	152.3	0.034	0.1	0.5185	by TEQ	by TEQ	by TEQ	0.735	11.190	by TEQ	by TEQ	by TEQ
	2,3,4,6,7,8-HxCDF	29	26	Gamma at 5% Significance	95% KM (Chebyshev)	29.67	0.010	0.1	0.0293	by TEQ	by TEQ	by TEQ	1.040	3.087	by TEQ	by TEQ	by TEQ

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Table C-10
Bioaccumulative COPC Summary: Screening Results for Avian Receptors

		Sediment Data ProUCL Output[b]					Lower Bound Screening[c]						Upper Bound Screening[d]				
Chemical Class	Chemical[a]	N	N Det	Data Distribution	Suggested 95th UCL		Geomean BSAF[e] (ww food / dw sed)	TEF-bird - (WHO 1998)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww)	Low Effect Tissue Benchmark (ww food)	Screening HQ Lower Bound (Tissue Conc/ Benchmark)	95th percentile BSAF[e] (ww food / dw sed)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww food)	No Effect Tissue Benchmark (ww food)	Screening HQ Upper Bound (Tissue Conc / Benchmark)
Dioxin/Furans (ng/kg)[b]	2,3,4,7,8-PeCDF	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	70.05	0.058	1	4.0826	by TEQ	by TEQ	by TEQ	0.711	49.830	by TEQ	by TEQ	by TEQ
	2,3,7,8-TCDD	29	20	Lognormal at 5% Significance	99% KM (Chebyshev)	399.1	0.069	1	27.4771	by TEQ	by TEQ	by TEQ	0.570	227.375	by TEQ	by TEQ	by TEQ
	2,3,7,8-TCDF	29	26	Lognormal at 5% Significance	99% KM (Chebyshev)	586.9	0.093	1	54.5690	by TEQ	by TEQ	by TEQ	0.749	439.634	by TEQ	by TEQ	by TEQ
	OCDD	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	8448	0.003	0.0001	0.0024	by TEQ	by TEQ	by TEQ	0.056	0.048	by TEQ	by TEQ	by TEQ
	OCDF	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	32755	0.001	0.0001	0.0044	by TEQ	by TEQ	by TEQ	0.095	0.310	by TEQ	by TEQ	by TEQ
	Dioxin/furan congeners	0	0	0	0	0	0.028			87.57	201.01	0.436	0.274		756.7	20.10	37.64
Pesticides (µg/kg)	4,4'-DDD	29	10	Gamma at 5% Significance	95% KM (t)	6.304	0.541			3.41	40.20	0.085	1.75		11.04	4.02	2.74
	4,4'-DDE	29	12	Lognormal at 5% Significance	97.5% KM (Chebyshev)	51.71	0.639			33.03	40.20	0.822	4.05		209.31	4.02	52.06
	4,4'-DDT	29	19	Gamma at 5% Significance	95% KM (BCA)	55.14	0.675			37.22	40.20	0.93	2.13		117.70	4.02	29.28
	Aldrin	14	1	NA	NA	50	0.623			31.14	553	0.06	2.29		114.44	110.56	1.04
	Endrin	14	1	NA	NA	14	0.542			7.59	144	0.05	1.36		19.02	14.36	1.32
	alpha-Chlordane	29	13	No Discernable Distribution (0.05)	97.5% KM (Chebyshev)	35.63	0.792			28.22	15363	0.00184	2.69		95.90	3073	0.03
	gamma-BHC (Lindane)	14	1	NA	NA	160	0.910			145.66	28716	0.01	2.29		366.20	2872	0.13
	Endosulfan I	14	1	NA	NA	32	0.767			24.56	71791	0.00034	2.29		73.24	14358	0.01
	Endosulfan II	14	1	NA	NA	100	0.584			58.39	71791	0.00081	1.33		133.39	14358	0.01
	gamma-Chlordane	29	19	No Discernable Distribution (0.05)	99% KM (Chebyshev)	194	0.574			111.44	15363	0.01	2.58		499.80	3073	0.16
	Methoxychlor	14	2	No Discernable Distribution (0.05)	No UCL sugg; Use Max Det	120	0.231			27.77	2548564	0.00001	1.31		157.50	254856	0.001
	Total Chlordane (alpha & g	29	20	No Discernable Distribution (0.05)	99% KM (Chebyshev)	407.9	0.731			298.21	15363	0.02	2.63		1074	3073	0.35
	Total DDT	29	23	Lognormal at 5% Significance	99% KM (Chebyshev)	2282	0.519			1185.17	40	29.48	2.02		4620	4.02	1149.28
SVOCs (µg/kg)	Hexachlorobenzene	29	22	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	28376	0.095			2704	4810	0.56	0.81		22989	962	23.90
	Hexachlorobutadiene	29	19	Gamma at 5% Significance	95% KM (BCA)	7182	0.114			816	28716	0.03	0.843		6055	5743	1.05
	Hexachloroethane	29	18	Gamma at 5% Significance	95% KM (BCA)	1062	0.115			122.0	7179	0.02	1.02		1079	1436	0.75
VOCs (µg/kg)	1,2-Dichlorobenzene	28	3	Normal at 5% Significance	95% KM (t)	79.67	0.114[g]			9	230878	0.00	0.843[g]		67	23088	0.00
	1,3-Dichlorobenzene	28	20	Lognormal at 5% Significance	99% KM (Chebyshev)	7386	0.114[g]			842	230878	0.00	0.843[g]		6226	23088	0.27
	1,4-Dichlorobenzene	28	16	Appr. Gamma at 5% Significance	95% KM (BCA)	753.4	0.114[g]			86	230878	0.00	0.843[g]		635	23088	0.03

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Notes

a - Chemicals in this screening table are those identified as potential bioaccumulatives in the preliminary COPC screening (Appendix A) and were detected at least once in the surface sediment data set.

b - ProUCL 4.0 (Singh et al. 2007) was used to calculate 95 UCLs). The sugggested UCL from the ProUCL output was used in this screening step.
NA - Low FOD for chemical, ProUCL could not compute; Screening Concentration is maximum detected.

c - Lower Bound: geometric mean of the BSAF and the low effect tissue benchmark.

d - Upper Bound: 95th percentile of the BSAF (assuming lognormal distribution) and the no effect tissue benchmark.

e - BSAF for avian receptors include prey groups 1, 2A, and 2B fish along with all invertebrate groups (I 1A, I 1B, I 1C, I 2A, and I 2B).

f - Dioxins and PCBs are evaluated using the Toxic Equivalency Quotient (TEQ) method in this COPC refinement step. Congener UCL were multiplied by BSAF and toxic equivalency factors (TEF) to derive a congener-based tissue concentration. To arrive at the TEQ concentration, the congener-based cocnentrations were summed.

g - BSAF for hexachlorobutadiene used as a surrogate due to data quality issues associated with BSAF for these chemicals (See Table C-8)

Shaded HQ estimates indicate Screening HQs exceeding the screening benchmark of 1.

Table C-11
Bioaccumulative COPC Summary: Screening Results for Mammalian Receptors

Chemical Class	Chemical[a]	Sediment Data ProUCL Output[b]					Lower Bound Screening[c]						Upper Bound Screening[d]				
		N	N Det	Data Distribution	Suggested 95th UCL		Geomean BSAF[e] (ww food / dw sed)	TEF-mammal - (WHO 2005)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww food)	Low Effect Tissue Benchmark (ww food)	Screening HQ Lower Bound (Tissue Conc / Benchmark)	95th percentile BSAF[e] (ww food / dw sed)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww food)	No Effect Tissue Benchmark (ww food)	Screening HQ Upper Bound (Tissue Conc / Benchmark)
Metals (mg/kg)	Arsenic	29	29	Appr. Gamma at 5% Significance	95% KM (BCA)	8.719	0.076			0.66	1.66	0.40	0.183		1.59	0.17	9.62
	Cadmium	29	28	Gamma at 5% Significance	95% KM (BCA)	0.777	0.028			0.02	24.31	0.001	0.453		0.35	2	0.14
	Chromium	29	29	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	201.1	0.005			1.09	33265.45	0.00003	0.016		3.26	6653	0.0005
	Copper	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	104.2	0.047			4.86	48.67	0.10	0.236		24.64	37	0.67
	Lead	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	122.6	0.004			0.50	194.46	0.0025	0.022		2.75	19	0.14
	Mercury	29	29	Lognormal at 5% Significance	99% KM (Chebyshev)	65.04	0.127			8.28	0.08	104.84	0.577		37.52	0.05	791.50
	Nickel	29	29	Lognormal at 5% Significance	95% KM (Chebyshev)	59.18	0.007			0.44	194.46	0.002	0.051		3.04	97	0.03
	Selenium	29	20	Normal at 5% Significance	95% KM (t)	1.003	0.622			0.62	0.80	0.78	1.010		1.01	0	2.08
	Zinc	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	556.2	0.162			89.88	777.85	0.12	0.367		204.33	389	0.53
PAHs (µg/kg)	2-Methylnaphthalene	29	27	Lognormal at 5% Significance	99% KM (Chebyshev)	3977	0.075			298.80	328815	0.001	0.69		2751	65763	0.04
	Acenaphthene	29	28	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	3210	0.086			274.78	115085	0.0024	0.80		2560	23017	0.11
	Acenaphthylene	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	3521	0.073			255.73	115085	0.0022	0.52		1848	23017	0.08
	Anthracene	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	2376	0.071			167.75	657630	0.0003	0.51		1215	131526	0.01
	Benzo(a)anthracene	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	1346	0.075			101.40	13153	0.0077	0.58		777	1315	0.59
	Benzo(a)pyrene	28	28	Gamma at 5% Significance	95% KM (Chebyshev)	1672	0.071			118.50	13153	0.0090	0.72		1201	1315	0.91
	Benzo(b)fluoranthene	28	27	Gamma at 5% Significance	95% KM (Chebyshev)	1362	0.066			90.27	13153	0.0069	0.57		779	1315	0.59
	Benzo(g,h,i)perylene	28	28	Gamma at 5% Significance	95% KM (Chebyshev)	2723	0.069			188.28	13153	0.0143	0.64		1748	1315	1.33
	Benzo(k)fluoranthene	29	27	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	1118	0.063			70.76	13153	0.0054	0.75		841	1315	0.64
	Chrysene	28	28	Gamma at 5% Significance	95% KM (Chebyshev)	2010	0.075			149.95	13153	0.0114	0.42		847	1315	0.64
	Dibenzo(a,h)anthracene	29	23	Gamma at 5% Significance	95% KM (BCA)	191.4	0.064			12.17	13153	0.0009	0.70		135	1315	0.10
	Fluoranthene	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	4361	0.074			322	13153	0.0245	0.53		2324	1315	1.77
	Fluorene	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	2781	0.071			197.9	82204	0.002	0.63		1738	16441	0.11
	Indeno(1,2,3-cd)pyrene	14	14	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	779.4	0.063			48.9	13153	0.00372	0.61		472	1315	0.36
	Naphthalene	29	27	Lognormal at 5% Significance	99% KM (Chebyshev)	14474	0.019			276	607699	0.0005	0.03		444	121540	0.0037
	Phenanthrene	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	7055	0.083			588	82204	0.01	0.53		3773	16441	0.23
	Pyrene	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	12372	0.078			969	49322	0.0196	0.54		6641	9864	0.67
	Total HPAH 16	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	25296	0.061			1545	13153	0.117	2.02		51118	1315	38.87
	Total LPAH 16	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	23772	0.095			2269	82204	0.03	2.03		48263	16441	2.94
	Total PAH 16	29	29	Gamma at 5% Significance	95% KM (Chebyshev)	47017	0.052			2425	95356	0.025	2.05		96353	17756	5.43
PCBs (µg/kg)b	Aroclor 1248	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	7243	0.143			1032.85	472.58	2.19	0.983		7116.44	47	150.59
	Aroclor 1254	14	7	Normal at 5% Significance	95% KM (t)	1582	0.235			372.16	2180.62	0.17	2.039		3226.458766	442	7.29
	Aroclor 1260	14	1	NA	NA	820	0.206			168.54	2180.62	0.077	0.995		816.1999077	442	1.84
	Total PCB Aroclors	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	21269	0.167			3561.56	472.58	7.54	0.805		17115.2789	47	362.17
	PCB-077	14	14	Gamma at 5% Significance	95% KM (Chebyshev)	39201.8	0.056	0.0001	0.2213	by TEQ	by TEQ	by TEQ	0.803	3.149	by TEQ	by TEQ	by TEQ
	PCB-081	14	8	95% BCA Bootstrap UCL	99% KM (Chebyshev)	4235.6	0.192	0.0003	0.2436	by TEQ	by TEQ	by TEQ	0.815	1.035	by TEQ	by TEQ	by TEQ
	PCB-105	14	13	Gamma at 5% Significance	95% KM (Chebyshev)	107065	0.237	0.00003	0.7615	by TEQ	by TEQ	by TEQ	2.055	6.601	by TEQ	by TEQ	by TEQ
	PCB-114	14	10	Gamma at 5% Significance	95% KM (Chebyshev)	6867.99	0.098	0.00003	0.0202	by TEQ	by TEQ	by TEQ	1.054	0.217	by TEQ	by TEQ	by TEQ
	PCB-118	14	14	Normal at 5% Significance	95% Student's-t	122060	0.606	0.00003	2.2190	by TEQ	by TEQ	by TEQ	6.003	21.983	by TEQ	by TEQ	by TEQ
	PCB-123	14	1	NA	NA	36135.5	0.265	0.00003	0.2874	by TEQ	by TEQ	by TEQ	8.731	9.465	by TEQ	by TEQ	by TEQ
	PCB-126	14	11	Gamma at 5% Significance	95% KM (BCA)	713.813	0.106	0.1	7.5661	by TEQ	by TEQ	by TEQ	1.127	80.436	by TEQ	by TEQ	by TEQ
	PCB-156	14	14	Normal at 5% Significance	95% Student's-t	9698	0.216	0.00003	0.0628	by TEQ	by TEQ	by TEQ	1.465	0.426	by TEQ	by TEQ	by TEQ
	PCB-157	14	14	Normal at 5% Significance	95% Student's-t	9698	0.250	0.00003	0.0728	by TEQ	by TEQ	by TEQ	1.526	0.444	by TEQ	by TEQ	by TEQ
	PCB-167	14	12	Normal at 5% Significance	95% KM (t)	2937.35	0.208	0.00003	0.0183	by TEQ	by TEQ	by TEQ	1.305	0.115	by TEQ	by TEQ	by TEQ
	PCB-169	14	3	Normal at 5% Significance	95% KM (t)	104.836	0.080	0.03	0.2510	by TEQ	by TEQ	by TEQ	0.658	2.069	by TEQ	by TEQ	by TEQ
	PCB-189	14	13	Gamma at 5% Significance	95% KM (Chebyshev)	1060.38	0.091	0.00003	0.0029	by TEQ	by TEQ	by TEQ	0.436	0.014	by TEQ	by TEQ	by TEQ
	PCB congeners						0.350			11.73	472.58	0.0248	4.879		125.95	47	2.67
Dioxin/Furans (ng/kg)[b]	1,2,3,4,6,7,8-HpCDD	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	758.7	0.003	0.01	0.0206	by TEQ	by TEQ	by TEQ	0.022	0.166	by TEQ	by TEQ	by TEQ
	1,2,3,4,6,7,8-HpCDF	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	895.2	0.002	0.01	0.0210	by TEQ	by TEQ	by TEQ	0.128	1.149	by TEQ	by TEQ	by TEQ
	1,2,3,4,7,8,9-HpCDF	29	25	Gamma at 5% Significance	95% KM (Chebyshev)	114.6	0.001	0.01	0.0015	by TEQ	by TEQ	by TEQ	0.094	0.108	by TEQ	by TEQ	by TEQ
	1,2,3,4,7,8-HxCDD	29	24	Gamma at 5% Significance	95% KM (Chebyshev)	13.52	0.011	0.1	0.0142	by TEQ	by TEQ	by TEQ	0.085	0.115	by TEQ	by TEQ	by TEQ
	1,2,3,4,7,8-HxCDF	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	329.6	0.005	0.1	0.1656	by TEQ	by TEQ	by TEQ	0.120	3.949	by TEQ	by TEQ	by TEQ
	1,2,3,6,7,8-HxCDD	29	27	Lognormal at 5% Significance	97.5% KM (Chebyshev)	54.67	0.012	0.1	0.0645	by TEQ	by TEQ	by TEQ	0.142	0.777	by TEQ	by TEQ	by TEQ
	1,2,3,6,7,8-HxCDF	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	105	0.019	0.1	0.1958	by TEQ	by TEQ	by TEQ	0.233	2.443	by TEQ	by TEQ	by TEQ
	1,2,3,7,8,9-HxCDD	29	25	Gamma at 5% Significance	95% KM (Chebyshev)	24.54	0.010	0.1	0.0255	by TEQ	by TEQ	by TEQ	0.087	0.214	by TEQ	by TEQ	by TEQ
	1,2,3,7,8,9-HxCDF	29	17	Gamma at 5% Significance	95% KM (t)	8.449	0.005	0.1	0.0045	by TEQ	by TEQ	by TEQ	0.110	0.093	by TEQ	by TEQ	by TEQ

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Table C-11
Bioaccumulative COPC Summary: Screening Results for Mammalian Receptors

		Sediment Data ProUCL Output[b]					Lower Bound Screening[c]						Upper Bound Screening[d]				
Chemical Class	Chemical[a]	N	N Det	Data Distribution	Suggested 95th UCL		Geomean BSAF[e] (ww food / dw sed)	TEF-mammal - (WHO 2005)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww food)	Low Effect Tissue Benchmark (ww food)	Screening HQ Lower Bound (Tissue Conc / Benchmark)	95th percentile BSAF[e] (ww food / dw sed)	Congener Tissue Conc (ww food)[f]	Tissue Conc (ww food)	No Effect Tissue Benchmark (ww food)	Screening HQ Upper Bound (Tissue Conc / Benchmark)
Dioxin/Furans (ng/kg)[b]	1,2,3,7,8-PeCDD	29	11	Gamma at 5% Significance	95% KM (t)	5.37	0.037	1	0.1986	by TEQ	by TEQ	by TEQ	0.220	1.182	by TEQ	by TEQ	by TEQ
	1,2,3,7,8-PeCDF	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	152.3	0.025	0.03	0.1132	by TEQ	by TEQ	by TEQ	0.356	1.627	by TEQ	by TEQ	by TEQ
	2,3,4,6,7,8-HxCDF	29	26	Gamma at 5% Significance	95% KM (Chebyshev)	29.67	0.006	0.1	0.0176	by TEQ	by TEQ	by TEQ	0.090	0.267	by TEQ	by TEQ	by TEQ
	2,3,4,7,8-PeCDF	29	27	Gamma at 5% Significance	95% KM (Chebyshev)	70.05	0.045	0.3	0.9532	by TEQ	by TEQ	by TEQ	0.628	13.199	by TEQ	by TEQ	by TEQ
	2,3,7,8-TCDD	29	20	Lognormal at 5% Significance	99% KM (Chebyshev)	399.1	0.055	1	21.9346	by TEQ	by TEQ	by TEQ	0.401	159.946	by TEQ	by TEQ	by TEQ
	2,3,7,8-TCDF	29	26	Lognormal at 5% Significance	99% KM (Chebyshev)	586.9	0.076	0.1	4.4500	by TEQ	by TEQ	by TEQ	0.661	38.783	by TEQ	by TEQ	by TEQ
	OCDD	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	8448	0.002	0.0003	0.0050	by TEQ	by TEQ	by TEQ	0.023	0.057	by TEQ	by TEQ	by TEQ
	OCDF	29	28	Gamma at 5% Significance	95% KM (Chebyshev)	32755	0.001	0.0003	0.0083	by TEQ	by TEQ	by TEQ	0.021	0.202	by TEQ	by TEQ	by TEQ
	Dioxin/furan congeners						0.028			28.19	24.31	1.160	0.274		224.3	2.43	92.27
Pesticides (µg/kg)	4,4'-DDD	29	10	Gamma at 5% Significance	95% KM (t)	6.304	0.541			3.41	9723.19	0.0004	1.75		11.04	1944.64	0.01
	4,4'-DDE	29	12	Lognormal at 5% Significance	97.5% KM (Chebyshev)	51.71	0.644			33.31	9723.19	0.003	4.60		237.81	1944.64	0.12
	4,4'-DDT	29	19	Gamma at 5% Significance	95% KM (BCA)	55.14	0.703			38.75	9723.19	0.004	2.15		118.55	1944.64	0.06
	Aldrin	14	1	NA	NA	50	0.633			31.65	2431	0.01	2.29		114.44	486.16	0.24
	Endrin	14	1	NA	NA	14	0.542			7.59	1210	0.01	1.36		19.02	121.00	0.16
	alpha-Chlordane	29	13	No Discernable Distribution (0.05)	97.5% KM (Chebyshev)	35.63	0.792			28.22	12100	0.00233	2.69		95.90	6050	0.02
	gamma-BHC (Lindane)	14	1	NA	NA	160	0.929			148.67	97232	0.002	2.29		366.20	19446	0.02
	Endosulfan I	14	1	NA	NA	32	0.767			24.56	1823	0.01347	2.29		73.24	365	0.20
	Endosulfan II	14	1	NA	NA	100	0.584			58.39	1823	0.03203	1.33		133.39	365	0.37
	gamma-Chlordane	29	19	No Discernable Distribution (0.05)	99% KM (Chebyshev)	194	0.656			127.30	12100	0.01	2.58		499.80	6050	0.08
	Methoxychlor	14	2	No Discernable Distribution (0.05)	No UCL sugg; Use Max Det	120	0.231			27.77	19446	0.00143	1.31		157.50	9723	0.02
	Total Chlordane (alpha & g	29	20	No Discernable Distribution (0.05)	99% KM (Chebyshev)	407.9	0.731			298.21	12100	0.02	2.63		1074	6050	0.18
	Total DDT	29	23	Lognormal at 5% Significance	99% KM (Chebyshev)	2282	0.519			1185.17	9723	0.12	2.02		4620	1944.64	2.38
SVOCs (µg/kg)	Hexachlorobenzene	29	22	Appr. Gamma at 5% Significance	95% KM (Chebyshev)	28376	0.095			2704	67439	0.04	0.81		22989	7025	3.27
	Hexachlorobutadiene	29	19	Gamma at 5% Significance	95% KM (BCA)	7182	0.114			816	24308	0.03	0.84		6055	4862	1.25
	Hexachloroethane	29	18	Gamma at 5% Significance	95% KM (BCA)	1062	0.115			122.0	1215398	0.0001	1.02		1079	243080	0.0044
VOCs (µg/kg)	1,2-Dichlorobenzene	28	3	Normal at 5% Significance	95% KM (t)	79.67	0.114[g]			9	1458478	0.00001	0.843[g]		67	291696	0.0002
	1,3-Dichlorobenzene	28	20	Lognormal at 5% Significance	99% KM (Chebyshev)	7386	0.114[g]			842	1041596	0.001	0.843[g]		6226	208319	0.03
	1,4-Dichlorobenzene	28	16	Appr. Gamma at 5% Significance	95% KM (BCA)	753.4	0.114[g]			86	7292390	0.00001	0.843[g]		635	1458478	0.0004

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Notes

a - Chemicals in this screening table are those identified as potential bioaccumulatives in the preliminary COPC screening (Appendix A) and were detected at least once in the surface sediment data set.

b - ProUCL 4.0 (Singh et al. 2007) was used to calculate 95 UCLs. The suggestedUCL from the ProUCL output was used in this screening step.

NA - Low FOD for chemical, ProUCL could not compute; Screening Concentration is maximum detected.

c - Lower Bound: geometric mean of the BSAF and the low effect tissue benchmark.

d - Upper Bound: 95th percentile of the BSAF (assuming lognormal distribution) and the no effect tissue benchmark.

e - BSAF for mammalian receptors include prey groups 1, 2A, and 2B fish along with invertebrate groups I 1A, I 1B, I 2A, and I 2B.

f - Dioxins and PCBs are evaluated using the Toxic Equivalency Quotient (TEQ) method in this COPC refinement step. Congener UCL were multiplied by BSAF and toxic equivalency factors (TEF) to derive a congener-based tissue concentration. To arrive at the TEQ concentration, the congener-based cocnentrations were summed.

g - BSAF for hexachlorobutadiene used as a surrogate due to data quality issues associated with BSAF for these chemicals (See Table C-8)

Shaded HQ estimates indicate Screening HQs exceeding the screening benchmark of 1.

Table C-12
Bioaccumulative COPC Selection Summary

Chemical Class	Chemical[1]	Receptor Group-Specific Bioaccumulative COPC[3]		
		Carnivorous Fish	Birds	Mammals
Metals	Arsenic	No	No	Uncertain [b]
	Cadmium	No	No	Uncertain [b]
	Chromium	Uncertain [d]	Uncertain [b]	Uncertain [b]
	Copper	Uncertain [b]	No	Uncertain [b]
	Lead	No	Uncertain [b]	Uncertain [b]
	Mercury	Yes	Yes	Yes
	Nickel	Uncertain [d]	No	No
	Selenium	Uncertain [b]	No	Uncertain [b]
	Zinc	Uncertain [d]	Uncertain [b]	Uncertain [b]
PAHs [2]	2-Methylnaphthalene	Uncertain [e]	Uncertain [b]	Uncertain [b]
	Acenaphthene	Uncertain [e]	Uncertain [b]	Uncertain [b]
	Acenaphthylene	Uncertain [e]	Uncertain [b]	Uncertain [b]
	Anthracene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Benzo(a)anthracene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Benzo(a)pyrene	Uncertain [e]	Uncertain [e]	No
	Benzo(b)fluoranthene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Benzo(g,h,i)perylene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Benzo(k)fluoranthene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Chrysene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Dibenzo(a,h)anthracene	Uncertain [e]	Uncertain [e]	No
	Fluoranthene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Fluorene	Uncertain [e]	Uncertain [b]	Uncertain [b]
	Indeno(1,2,3-cd)pyrene	Uncertain [e]	Uncertain [e]	Uncertain [b]
	Naphthalene	Uncertain [b]	Uncertain [b]	Uncertain [b]
	Phenanthrene	Uncertain [e]	Uncertain [b]	No
	Pyrene	Uncertain [b]	Uncertain [e]	Uncertain [b]
	Total HPAH 16	Uncertain [b]	No	Uncertain [b]
	Total LPAH 16	Uncertain [b]	Uncertain [b]	Uncertain [b]
	Total PAH 16	Uncertain [e]	No	Uncertain [b]
PCBs	Aroclor 1248	Uncertain [d]	Uncertain [b]	Yes
	Aroclor 1254	Uncertain [b]	Uncertain [b]	No
	Aroclor 1260	Uncertain [d]	No	No
	PCB congeners	No	Uncertain [b]	Uncertain [b]
	Total PCB Aroclors	Yes	Yes	Yes
Dioxin/Furans	Dioxin/furan congeners	No	Uncertain [b]	Yes
Pesticides	4,4'-DDD	No	Uncertain [b]	No
	4,4'-DDE	No	Uncertain [b]	Uncertain [b]
	4,4'-DDT	No	Uncertain [b]	No
	Aldrin	Uncertain [b]	Uncertain [b]	No
	Endrin	No	Uncertain [b]	No
	alpha-Chlordane	Uncertain [d]	No	No
	gamma-BHC (Lindane)	No	No	No
	Endosulfan I	Uncertain [d]	No	No
	Endosulfan II	Uncertain [d]	No	No
	gamma-Chlordane	Uncertain [d]	No	Uncertain [b]
	Methoxychlor	Uncertain [d]	No	No
	Total Chlordane (alpha & gamma)	Uncertain [d]	No	Uncertain [b]

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Table C-12
Bioaccumulative COPC Selection Summary

Chemical Class	Chemical[1]	Receptor Group-Specific Bioaccumulative COPC[3]		
		Carnivorous Fish	Birds	Mammals
Pesticides	Total DDT	Uncertain [b]	Yes	Uncertain [e]
SVOCs	Hexachlorobenzene	Uncertain [b]	Uncertain [b]	No
	Hexachlorobutadiene	Yes	Uncertain [b]	Uncertain [b]
	Hexachloroethane	Uncertain [d]	No	No
VOCs	1,2-Dichlorobenzene	No	No	No
	1,3-Dichlorobenzene	No	No	No
	1,4-Dichlorobenzene	No	No	No

Note:

1 - Chemicals in this screening table are those identified as potential bioaccumulatives in the Preliminary COPC screening (Appendix A) and were detected at least once in the surface sediment data set. Dioxin and PCB congeners are not listed in this table

2 - PAHs will be carried through as a group through the ERA as an Uncertain COPC. This group includes 35 PAHs (the parent PAHs listed here plus the homologs). There are 34 PAHs evaluated in the Equilibrium Partitioning Sediment Benchmarks (ESB) guidance

3 - Chemicals with a "Yes" will be carried through the ERA as a bioaccumulative COPC to be quantitatively evaluated. Chemicals with a "No" will not be carried through the ERA, as both the Upper and Lower Bound screening HQs were below 1. Each category i

Yes - Chemical is a bioaccumulative COPC for the receptor as the screening HQ exceeds 1 for both the Lower Bound and Upper Bound evaluations.

Uncertain [b] - Chemical is an Uncertain bioaccumulative COPC for the receptor as the Upper Bound screening HQ exceeds 1, while the Lower Bound HQ is below 1. Chemical will be addressed in the ERA uncertainty assessment.

Yes [c] - Chemical is conservatively carried through the ERA as a potential bioaccumulative though neither the Upper nor Lower Bound screening HQ exceeded 1. The chemical is carried through because other chemicals within the same toxicological chemical gro

Uncertain [d] - Chemical will be carried through the ERA as an Uncertain bioaccumulative COPC for the receptor; no receptor group-specific screening level effect concentration could be identified.

Uncertain [e] - Chemical will be carried through the ERA as an Uncertain bioaccumulative COPC for the receptor; no receptor group-specific screening level effect concentration could be identified, but a related chemical was identified as an Uncertain COPC.

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
Example

Step 1							1			2			4	5		6
sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC (TOC / 100)	Coc (Result ug/g / FOC)	Coc PAH FCV	ESBTU (Coc / FCV)
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	naphthalene	11		ug/kg	0.011	2.34	%	0.0234	0.4701	385	0.001221
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-naphthalenes	14		ug/kg	0.031	2.34	%	0.0234	1.3248	444	0.002984
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	acenaphthylene	11		ug/kg	0.011	2.34	%	0.0234	0.4701	452	0.00104
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	acenaphthene	32		ug/kg	0.032	2.34	%	0.0234	1.3675	491	0.002785
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-naphthalenes	27		ug/kg	0.027	2.34	%	0.0234	1.1538	510	0.002262
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	fluorene	26		ug/kg	0.026	2.34	%	0.0234	1.1111	538	0.002065
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-naphthalenes	91		ug/kg	0.091	2.34	%	0.0234	3.8889	581	0.006693
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	anthracene	43		ug/kg	0.043	2.34	%	0.0234	1.8376	594	0.003094
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	phenanthrene	170		ug/kg	0.17	2.34	%	0.0234	7.2650	596	0.01219
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-fluorenes	33		ug/kg	0.033	2.34	%	0.0234	1.4103	611	0.002308
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C4-naphthalenes	55		ug/kg	0.055	2.34	%	0.0234	2.3504	657	0.003578
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-phenanthrenes/Anthracenes	74		ug/kg	0.074	2.34	%	0.0234	3.1624	670	0.00472
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-fluorenes	51		ug/kg	0.051	2.34	%	0.0234	2.1795	686	0.003177
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	pyrene	460		ug/kg	0.46	2.34	%	0.0234	19.6581	697	0.028204
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	fluoranthene	500		ug/kg	0.5	2.34	%	0.0234	21.3675	707	0.030223
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-phenanthrenes/Anthracenes	100		ug/kg	0.1	2.34	%	0.0234	4.2735	746	0.005729
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-fluorenes	93		ug/kg	0.093	2.34	%	0.0234	3.9744	769	0.005168
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-fluoranthene/Pyrene	230		ug/kg	0.23	2.34	%	0.0234	9.8291	770	0.012765
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-phenanthrenes/Anthracenes	94		ug/kg	0.094	2.34	%	0.0234	4.0171	829	0.004846
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(a)anthracene	170		ug/kg	0.17	2.34	%	0.0234	7.2650	841	0.008638
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	chrysene	240		ug/kg	0.24	2.34	%	0.0234	10.2564	844	0.012152
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C4-phenanthrenes/Anthracenes	63		ug/kg	0.063	2.34	%	0.0234	2.6923	913	0.002949
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-chrysenes	240		ug/kg	0.24	2.34	%	0.0234	10.2564	929	0.01104
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(a)pyrene	170		ug/kg	0.17	2.34	%	0.0234	7.2650	965	0.007528
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(e)pyrene	150		ug/kg	0.15	2.34	%	0.0234	6.4103	967	0.006629
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	perylene	83		ug/kg	0.083	2.34	%	0.0234	3.5470	967	0.003668
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(b)fluoranthene	230		ug/kg	0.23	2.34	%	0.0234	9.8291	979	0.01004
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(k)fluoranthene	150		ug/kg	0.15	2.34	%	0.0234	6.4103	981	0.006534
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-chrysenes	110		ug/kg	0.11	2.34	%	0.0234	4.7009	1008	0.004664
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(g,h,i)perylene	130		ug/kg	0.13	2.34	%	0.0234	5.5556	1095	0.005074
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-chrysenes	37		ug/kg	0.037	2.34	%	0.0234	1.5812	1112	0.001422
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	indeno(1,2,3-cd)pyrene	130		ug/kg	0.13	2.34	%	0.0234	5.5556	1115	0.004983
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	dibenzo(a,h)anthracene	29		ug/kg	0.029	2.34	%	0.0234	1.2393	1123	0.001104
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C4-chrysenes	0	U	ug/kg	0	2.34	%	0.0234	0.0000	1214	0
Step 2															Sum ESBTU	0.221476
															Number of PAH	34
Step 3															Correction Factor	1
															Final Sum ESBTU	**0.221476**

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Notes
U - Non detect; value is 0 for ESB calculation.
Coc - Concentration; OC-adjusted.
FCV - Final Chronic Value, from Table 3-4 of ESB guidance (EPA 2003)

Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
Example

Correction Factor - For those samples with 15 PAHs, a correction factor of 1.849 is multiplied by the Sum ESBTU. No adjustment is required for 34 standard PAH.

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	naphthalene	11		ug/kg	0.011	2.34	%	0.0234	0.47	385	0.00122
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-naphthalenes	14		ug/kg	0.031	2.34	%	0.0234	1.325	444	0.00298
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	acenaphthylene	11		ug/kg	0.011	2.34	%	0.0234	0.47	452	0.00104
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	acenaphthene	32		ug/kg	0.032	2.34	%	0.0234	1.368	491	0.00279
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-naphthalenes	27		ug/kg	0.027	2.34	%	0.0234	1.154	510	0.00226
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	fluorene	26		ug/kg	0.026	2.34	%	0.0234	1.111	538	0.00207
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-naphthalenes	91		ug/kg	0.091	2.34	%	0.0234	3.889	581	0.00669
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	anthracene	43		ug/kg	0.043	2.34	%	0.0234	1.838	594	0.00309
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	phenanthrene	170		ug/kg	0.17	2.34	%	0.0234	7.265	596	0.01219
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-fluorenes	33		ug/kg	0.033	2.34	%	0.0234	1.41	611	0.00231
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C4-naphthalenes	55		ug/kg	0.055	2.34	%	0.0234	2.35	657	0.00358
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-phenanthrenes/Anthracenes	74		ug/kg	0.074	2.34	%	0.0234	3.162	670	0.00472
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-fluorenes	51		ug/kg	0.051	2.34	%	0.0234	2.179	686	0.00318
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	pyrene	460		ug/kg	0.46	2.34	%	0.0234	19.66	697	0.0282
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	fluoranthene	500		ug/kg	0.5	2.34	%	0.0234	21.37	707	0.03022
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-phenanthrenes/Anthracenes	100		ug/kg	0.1	2.34	%	0.0234	4.274	746	0.00573
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-fluorenes	93		ug/kg	0.093	2.34	%	0.0234	3.974	769	0.00517
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-fluoranthene/Pyrene	230		ug/kg	0.23	2.34	%	0.0234	9.829	770	0.01277
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-phenanthrenes/Anthracenes	94		ug/kg	0.094	2.34	%	0.0234	4.017	829	0.00485
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(a)anthracene	170		ug/kg	0.17	2.34	%	0.0234	7.265	841	0.00864
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	chrysene	240		ug/kg	0.24	2.34	%	0.0234	10.26	844	0.01215
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C4-phenanthrenes/Anthracenes	63		ug/kg	0.063	2.34	%	0.0234	2.692	913	0.00295
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C1-chrysenes	240		ug/kg	0.24	2.34	%	0.0234	10.26	929	0.01104
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(a)pyrene	170		ug/kg	0.17	2.34	%	0.0234	7.265	965	0.00753
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(e)pyrene	150		ug/kg	0.15	2.34	%	0.0234	6.41	967	0.00663
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	perylene	83		ug/kg	0.083	2.34	%	0.0234	3.547	967	0.00367
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(b)fluoranthene	230		ug/kg	0.23	2.34	%	0.0234	9.829	979	0.01004
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(k)fluoranthene	150		ug/kg	0.15	2.34	%	0.0234	6.41	981	0.00653
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C2-chrysenes	110		ug/kg	0.11	2.34	%	0.0234	4.701	1008	0.00466
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	benzo(g,h,i)perylene	130		ug/kg	0.13	2.34	%	0.0234	5.556	1095	0.00507
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C3-chrysenes	37		ug/kg	0.037	2.34	%	0.0234	1.581	1112	0.00142
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	indeno(1,2,3-cd)pyrene	130		ug/kg	0.13	2.34	%	0.0234	5.556	1115	0.00498
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	dibenzo(a,h)anthracene	29		ug/kg	0.029	2.34	%	0.0234	1.239	1123	0.0011
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	C4-chrysenes	0	U	ug/kg	0	2.34	%	0.0234	0	1214	0
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	naphthalene	180		ug/kg	0.18	2.85	%	0.0285	6.316	385	0.0164
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C1-naphthalenes	170		ug/kg	0.3	2.85	%	0.0285	10.53	444	0.02371
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	acenaphthylene	580		ug/kg	0.58	2.85	%	0.0285	20.35	452	0.04502
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	acenaphthene	370		ug/kg	0.37	2.85	%	0.0285	12.98	491	0.02644
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C2-naphthalenes	380		ug/kg	0.38	2.85	%	0.0285	13.33	510	0.02614
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	fluorene	280		ug/kg	0.28	2.85	%	0.0285	9.825	538	0.01826
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C3-naphthalenes	810		ug/kg	0.81	2.85	%	0.0285	28.42	581	0.04892

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	anthracene	230		ug/kg	0.23	2.85	%	0.0285	8.07	594	0.01359
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	phenanthrene	1100		ug/kg	1.1	2.85	%	0.0285	38.6	596	0.06476
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C1-fluorenes	240		ug/kg	0.24	2.85	%	0.0285	8.421	611	0.01378
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C4-naphthalenes	280		ug/kg	0.28	2.85	%	0.0285	9.825	657	0.01495
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C1-phenanthrenes/Anthracenes	460		ug/kg	0.46	2.85	%	0.0285	16.14	670	0.02409
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C2-fluorenes	210		ug/kg	0.21	2.85	%	0.0285	7.368	686	0.01074
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	pyrene	2800		ug/kg	2.8	2.85	%	0.0285	98.25	697	0.14095
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	fluoranthene	1700		ug/kg	1.7	2.85	%	0.0285	59.65	707	0.08437
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C2-phenanthrenes/Anthracenes	270		ug/kg	0.27	2.85	%	0.0285	9.474	746	0.0127
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C3-fluorenes	250		ug/kg	0.25	2.85	%	0.0285	8.772	769	0.01141
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C1-fluoranthene/Pyrene	670		ug/kg	0.67	2.85	%	0.0285	23.51	770	0.03053
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C3-phenanthrenes/Anthracenes	260		ug/kg	0.26	2.85	%	0.0285	9.123	829	0.011
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	benzo(a)anthracene	380		ug/kg	0.38	2.85	%	0.0285	13.33	841	0.01585
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	chrysene	620		ug/kg	0.62	2.85	%	0.0285	21.75	844	0.02578
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C4-phenanthrenes/Anthracenes	180		ug/kg	0.18	2.85	%	0.0285	6.316	913	0.00692
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C1-chrysenes	310		ug/kg	0.31	2.85	%	0.0285	10.88	929	0.01171
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	benzo(a)pyrene	550		ug/kg	0.55	2.85	%	0.0285	19.3	965	0.02
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	benzo(e)pyrene	480		ug/kg	0.48	2.85	%	0.0285	16.84	967	0.01742
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	perylene	130		ug/kg	0.13	2.85	%	0.0285	4.561	967	0.00472
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	benzo(b)fluoranthene	520		ug/kg	0.52	2.85	%	0.0285	18.25	979	0.01864
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	benzo(k)fluoranthene	410		ug/kg	0.41	2.85	%	0.0285	14.39	981	0.01466
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C2-chrysenes	180		ug/kg	0.18	2.85	%	0.0285	6.316	1008	0.00627
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	benzo(g,h,i)perylene	780		ug/kg	0.78	2.85	%	0.0285	27.37	1095	0.02499
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C3-chrysenes	98		ug/kg	0.098	2.85	%	0.0285	3.439	1112	0.00309
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	indeno(1,2,3-cd)pyrene	480		ug/kg	0.48	2.85	%	0.0285	16.84	1115	0.01511
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	dibenzo(a,h)anthracene	69		ug/kg	0.069	2.85	%	0.0285	2.421	1123	0.00216
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	C4-chrysenes	0	U	ug/kg	0	2.85	%	0.0285	0	1214	0
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	naphthalene	150		ug/kg	0.15	2.34	%	0.0234	6.41	385	0.01665
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C1-naphthalenes	120		ug/kg	0.202	2.34	%	0.0234	8.632	444	0.01944
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	acenaphthylene	560		ug/kg	0.56	2.34	%	0.0234	23.93	452	0.05295
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	acenaphthene	280		ug/kg	0.28	2.34	%	0.0234	11.97	491	0.02437
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C2-naphthalenes	250		ug/kg	0.25	2.34	%	0.0234	10.68	510	0.02095
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	fluorene	210		ug/kg	0.21	2.34	%	0.0234	8.974	538	0.01668
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C3-naphthalenes	390		ug/kg	0.39	2.34	%	0.0234	16.67	581	0.02869
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	anthracene	160		ug/kg	0.16	2.34	%	0.0234	6.838	594	0.01151
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	phenanthrene	850		ug/kg	0.85	2.34	%	0.0234	36.32	596	0.06095
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C1-fluorenes	170		ug/kg	0.17	2.34	%	0.0234	7.265	611	0.01189
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C4-naphthalenes	130		ug/kg	0.13	2.34	%	0.0234	5.556	657	0.00846
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C1-phenanthrenes/Anthracenes	230		ug/kg	0.23	2.34	%	0.0234	9.829	670	0.01467
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C2-fluorenes	130		ug/kg	0.13	2.34	%	0.0234	5.556	686	0.0081
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	pyrene	2200		ug/kg	2.2	2.34	%	0.0234	94.02	697	0.13489

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	fluoranthene	1200		ug/kg	1.2	2.34	%	0.0234	51.28	707	0.07253
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C2-phenanthrenes/Anthracenes	120		ug/kg	0.12	2.34	%	0.0234	5.128	746	0.00687
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C3-fluorenes	110		ug/kg	0.11	2.34	%	0.0234	4.701	769	0.00611
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C1-fluoranthene/Pyrene	390		ug/kg	0.39	2.34	%	0.0234	16.67	770	0.02165
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C3-phenanthrenes/Anthracenes	100		ug/kg	0.1	2.34	%	0.0234	4.274	829	0.00516
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	benzo(a)anthracene	160		ug/kg	0.16	2.34	%	0.0234	6.838	841	0.00813
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	chrysene	210		ug/kg	0.21	2.34	%	0.0234	8.974	844	0.01063
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C4-phenanthrenes/Anthracenes	79		ug/kg	0.079	2.34	%	0.0234	3.376	913	0.0037
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C1-chrysenes	130		ug/kg	0.13	2.34	%	0.0234	5.556	929	0.00598
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	benzo(a)pyrene	230		ug/kg	0.23	2.34	%	0.0234	9.829	965	0.01019
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	benzo(e)pyrene	180		ug/kg	0.18	2.34	%	0.0234	7.692	967	0.00795
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	perylene	49		ug/kg	0.049	2.34	%	0.0234	2.094	967	0.00217
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	benzo(b)fluoranthene	180		ug/kg	0.18	2.34	%	0.0234	7.692	979	0.00786
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	benzo(k)fluoranthene	130		ug/kg	0.13	2.34	%	0.0234	5.556	981	0.00566
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C2-chrysenes	71		ug/kg	0.071	2.34	%	0.0234	3.034	1008	0.00301
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	benzo(g,h,i)perylene	350		ug/kg	0.35	2.34	%	0.0234	14.96	1095	0.01366
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C3-chrysenes	42		ug/kg	0.042	2.34	%	0.0234	1.795	1112	0.00161
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	indeno(1,2,3-cd)pyrene	200		ug/kg	0.2	2.34	%	0.0234	8.547	1115	0.00767
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	dibenzo(a,h)anthracene	20		ug/kg	0.02	2.34	%	0.0234	0.855	1123	0.00076
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	C4-chrysenes	39		ug/kg	0.039	2.34	%	0.0234	1.667	1214	0.00137
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	naphthalene	250		ug/kg	0.25	0.81	%	0.0081	30.86	385	0.08017
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C1-naphthalenes	140		ug/kg	0.25	0.81	%	0.0081	30.86	444	0.06951
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	acenaphthylene	630		ug/kg	0.63	0.81	%	0.0081	77.78	452	0.17207
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	acenaphthene	340		ug/kg	0.34	0.81	%	0.0081	41.98	491	0.08549
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C2-naphthalenes	260		ug/kg	0.26	0.81	%	0.0081	32.1	510	0.06294
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	fluorene	320		ug/kg	0.32	0.81	%	0.0081	39.51	538	0.07343
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C3-naphthalenes	470		ug/kg	0.47	0.81	%	0.0081	58.02	581	0.09987
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	anthracene	190		ug/kg	0.19	0.81	%	0.0081	23.46	594	0.03949
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	phenanthrene	1300		ug/kg	1.3	0.81	%	0.0081	160.5	596	0.26928
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C1-fluorenes	250		ug/kg	0.25	0.81	%	0.0081	30.86	611	0.05051
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C4-naphthalenes	110		ug/kg	0.11	0.81	%	0.0081	13.58	657	0.02067
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C1-phenanthrenes/Anthracenes	350		ug/kg	0.35	0.81	%	0.0081	43.21	670	0.06449
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C2-fluorenes	130		ug/kg	0.13	0.81	%	0.0081	16.05	686	0.0234
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	pyrene	3100		ug/kg	3.1	0.81	%	0.0081	382.7	697	0.54909
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	fluoranthene	1900		ug/kg	1.9	0.81	%	0.0081	234.6	707	0.33178
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C2-phenanthrenes/Anthracenes	130		ug/kg	0.13	0.81	%	0.0081	16.05	746	0.02151
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C3-fluorenes	100		ug/kg	0.1	0.81	%	0.0081	12.35	769	0.01605
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C1-fluoranthene/Pyrene	500		ug/kg	0.5	0.81	%	0.0081	61.73	770	0.08017
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C3-phenanthrenes/Anthracenes	97		ug/kg	0.097	0.81	%	0.0081	11.98	829	0.01445
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	benzo(a)anthracene	180		ug/kg	0.18	0.81	%	0.0081	22.22	841	0.02642
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	chrysene	250		ug/kg	0.25	0.81	%	0.0081	30.86	844	0.03657

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C4-phenanthrenes/Anthracenes	79		ug/kg	0.079	0.81	%	0.0081	9.753	913	0.01068
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C1-chrysenes	160		ug/kg	0.16	0.81	%	0.0081	19.75	929	0.02126
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	benzo(a)pyrene	340		ug/kg	0.34	0.81	%	0.0081	41.98	965	0.0435
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	benzo(e)pyrene	280		ug/kg	0.28	0.81	%	0.0081	34.57	967	0.03575
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	perylene	68		ug/kg	0.068	0.81	%	0.0081	8.395	967	0.00868
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	benzo(b)fluoranthene	220		ug/kg	0.22	0.81	%	0.0081	27.16	979	0.02774
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	benzo(k)fluoranthene	170		ug/kg	0.17	0.81	%	0.0081	20.99	981	0.02139
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C2-chrysenes	90		ug/kg	0.09	0.81	%	0.0081	11.11	1008	0.01102
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	benzo(g,h,i)perylene	720		ug/kg	0.72	0.81	%	0.0081	88.89	1095	0.08118
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C3-chrysenes	53		ug/kg	0.053	0.81	%	0.0081	6.543	1112	0.00588
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	indeno(1,2,3-cd)pyrene	330		ug/kg	0.33	0.81	%	0.0081	40.74	1115	0.03654
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	dibenzo(a,h)anthracene	24		ug/kg	0.024	0.81	%	0.0081	2.963	1123	0.00264
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	C4-chrysenes	45		ug/kg	0.045	0.81	%	0.0081	5.556	1214	0.00458
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	naphthalene	1300		ug/kg	1.3	1.84	%	0.0184	70.65	385	0.18351
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C1-naphthalenes	840		ug/kg	1.44	1.84	%	0.0184	78.26	444	0.17626
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	acenaphthylene	2900		ug/kg	2.9	1.84	%	0.0184	157.6	452	0.34869
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	acenaphthene	1500		ug/kg	1.5	1.84	%	0.0184	81.52	491	0.16603
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C2-naphthalenes	1900		ug/kg	1.9	1.84	%	0.0184	103.3	510	0.20247
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	fluorene	1300		ug/kg	1.3	1.84	%	0.0184	70.65	538	0.13132
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C3-naphthalenes	9000		ug/kg	9	1.84	%	0.0184	489.1	581	0.84188
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	anthracene	1600		ug/kg	1.6	1.84	%	0.0184	86.96	594	0.14639
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	phenanthrene	4900		ug/kg	4.9	1.84	%	0.0184	266.3	596	0.44682
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C1-fluorenes	2100		ug/kg	2.1	1.84	%	0.0184	114.1	611	0.18679
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C4-naphthalenes	1600		ug/kg	1.6	1.84	%	0.0184	86.96	657	0.13235
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C1-phenanthrenes/Anthracenes	3000		ug/kg	3	1.84	%	0.0184	163	670	0.24335
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C2-fluorenes	1500		ug/kg	1.5	1.84	%	0.0184	81.52	686	0.11884
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	pyrene	18000		ug/kg	18	1.84	%	0.0184	978.3	697	1.40353
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	fluoranthene	8000		ug/kg	8	1.84	%	0.0184	434.8	707	0.61497
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C2-phenanthrenes/Anthracenes	880		ug/kg	0.88	1.84	%	0.0184	47.83	746	0.06411
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C3-fluorenes	890		ug/kg	0.89	1.84	%	0.0184	48.37	769	0.0629
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C1-fluoranthene/Pyrene	3300		ug/kg	3.3	1.84	%	0.0184	179.3	770	0.23292
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C3-phenanthrenes/Anthracenes	610		ug/kg	0.61	1.84	%	0.0184	33.15	829	0.03999
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	benzo(a)anthracene	690		ug/kg	0.69	1.84	%	0.0184	37.5	841	0.04459
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	chrysene	810		ug/kg	0.81	1.84	%	0.0184	44.02	844	0.05216
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C4-phenanthrenes/Anthracenes	440		ug/kg	0.44	1.84	%	0.0184	23.91	913	0.02619
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C1-chrysenes	590		ug/kg	0.59	1.84	%	0.0184	32.07	929	0.03452
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	benzo(a)pyrene	1400		ug/kg	1.4	1.84	%	0.0184	76.09	965	0.07885
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	benzo(e)pyrene	1000		ug/kg	1	1.84	%	0.0184	54.35	967	0.0562
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	perylene	200		ug/kg	0.2	1.84	%	0.0184	10.87	967	0.01124
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	benzo(b)fluoranthene	590		ug/kg	0.59	1.84	%	0.0184	32.07	979	0.03275
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	benzo(k)fluoranthene	420		ug/kg	0.42	1.84	%	0.0184	22.83	981	0.02327

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C2-chrysenes	260		ug/kg	0.26	1.84	%	0.0184	14.13	1008	0.01402
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	benzo(g,h,i)perylene	3500		ug/kg	3.5	1.84	%	0.0184	190.2	1095	0.17371
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C3-chrysenes	130		ug/kg	0.13	1.84	%	0.0184	7.065	1112	0.00635
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	indeno(1,2,3-cd)pyrene	1300		ug/kg	1.3	1.84	%	0.0184	70.65	1115	0.06337
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	dibenzo(a,h)anthracene	40		ug/kg	0.04	1.84	%	0.0184	2.174	1123	0.00194
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	C4-chrysenes	0	U	ug/kg	0	1.84	%	0.0184	0	1214	0
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	naphthalene	290		ug/kg	0.29	2.31	%	0.0231	12.55	385	0.03261
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C1-naphthalenes	300		ug/kg	0.49	2.31	%	0.0231	21.21	444	0.04778
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	acenaphthylene	990		ug/kg	0.99	2.31	%	0.0231	42.86	452	0.09482
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	acenaphthene	470		ug/kg	0.47	2.31	%	0.0231	20.35	491	0.04144
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C2-naphthalenes	670		ug/kg	0.67	2.31	%	0.0231	29	510	0.05687
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	fluorene	560		ug/kg	0.56	2.31	%	0.0231	24.24	538	0.04506
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C3-naphthalenes	1600		ug/kg	1.6	2.31	%	0.0231	69.26	581	0.11922
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	anthracene	440		ug/kg	0.44	2.31	%	0.0231	19.05	594	0.03207
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	phenanthrene	1700		ug/kg	1.7	2.31	%	0.0231	73.59	596	0.12348
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C1-fluorenes	500		ug/kg	0.5	2.31	%	0.0231	21.65	611	0.03543
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C4-naphthalenes	400		ug/kg	0.4	2.31	%	0.0231	17.32	657	0.02636
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C1-phenanthrenes/Anthracenes	750		ug/kg	0.75	2.31	%	0.0231	32.47	670	0.04846
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C2-fluorenes	390		ug/kg	0.39	2.31	%	0.0231	16.88	686	0.02461
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	pyrene	3800		ug/kg	3.8	2.31	%	0.0231	164.5	697	0.23601
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	fluoranthene	2000		ug/kg	2	2.31	%	0.0231	86.58	707	0.12246
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C2-phenanthrenes/Anthracenes	390		ug/kg	0.39	2.31	%	0.0231	16.88	746	0.02263
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C3-fluorenes	360		ug/kg	0.36	2.31	%	0.0231	15.58	769	0.02027
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C1-fluoranthene/Pyrene	830		ug/kg	0.83	2.31	%	0.0231	35.93	770	0.04666
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C3-phenanthrenes/Anthracenes	340		ug/kg	0.34	2.31	%	0.0231	14.72	829	0.01775
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	benzo(a)anthracene	300		ug/kg	0.3	2.31	%	0.0231	12.99	841	0.01544
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	chrysene	390		ug/kg	0.39	2.31	%	0.0231	16.88	844	0.02
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C4-phenanthrenes/Anthracenes	210		ug/kg	0.21	2.31	%	0.0231	9.091	913	0.00996
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C1-chrysenes	250		ug/kg	0.25	2.31	%	0.0231	10.82	929	0.01165
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	benzo(a)pyrene	400		ug/kg	0.4	2.31	%	0.0231	17.32	965	0.01794
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	benzo(e)pyrene	320		ug/kg	0.32	2.31	%	0.0231	13.85	967	0.01433
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	perylene	76		ug/kg	0.076	2.31	%	0.0231	3.29	967	0.0034
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	benzo(b)fluoranthene	290		ug/kg	0.29	2.31	%	0.0231	12.55	979	0.01282
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	benzo(k)fluoranthene	200		ug/kg	0.2	2.31	%	0.0231	8.658	981	0.00883
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C2-chrysenes	150		ug/kg	0.15	2.31	%	0.0231	6.494	1008	0.00644
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	benzo(g,h,i)perylene	680		ug/kg	0.68	2.31	%	0.0231	29.44	1095	0.02688
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C3-chrysenes	85		ug/kg	0.085	2.31	%	0.0231	3.68	1112	0.00331
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	indeno(1,2,3-cd)pyrene	350		ug/kg	0.35	2.31	%	0.0231	15.15	1115	0.01359
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	dibenzo(a,h)anthracene	39		ug/kg	0.039	2.31	%	0.0231	1.688	1123	0.0015
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	C4-chrysenes	84		ug/kg	0.084	2.31	%	0.0231	3.636	1214	0.003
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	naphthalene	27		ug/kg	0.027	1.64	%	0.0164	1.646	385	0.00428

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C1-naphthalenes	44		ug/kg	0.069	1.64	%	0.0164	4.207	444	0.00948
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	acenaphthylene	750		ug/kg	0.75	1.64	%	0.0164	45.73	452	0.10118
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	acenaphthene	66		ug/kg	0.066	1.64	%	0.0164	4.024	491	0.0082
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C2-naphthalenes	1300	E	ug/kg	1.3	1.64	%	0.0164	79.27	510	0.15543
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	fluorene	59		ug/kg	0.059	1.64	%	0.0164	3.598	538	0.00669
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C3-naphthalenes	6300	E	ug/kg	6.3	1.64	%	0.0164	384.1	581	0.66118
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	anthracene	1000		ug/kg	1	1.64	%	0.0164	60.98	594	0.10265
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	phenanthrene	500		ug/kg	0.5	1.64	%	0.0164	30.49	596	0.05115
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C1-fluorenes	2200	E	ug/kg	2.2	1.64	%	0.0164	134.1	611	0.21955
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C4-naphthalenes	1900	E	ug/kg	1.9	1.64	%	0.0164	115.9	657	0.17634
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C1-phenanthrenes/Anthracenes	2700	E	ug/kg	2.7	1.64	%	0.0164	164.6	670	0.24572
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C2-fluorenes	1300	E	ug/kg	1.3	1.64	%	0.0164	79.27	686	0.11555
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	pyrene	2800		ug/kg	2.8	1.64	%	0.0164	170.7	697	0.24495
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	fluoranthene	1400		ug/kg	1.4	1.64	%	0.0164	85.37	707	0.12074
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C2-phenanthrenes/Anthracenes	2100	E	ug/kg	2.1	1.64	%	0.0164	128	746	0.17165
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C3-fluorenes	1700	E	ug/kg	1.7	1.64	%	0.0164	103.7	769	0.1348
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C1-fluoranthene/Pyrene	3200	E	ug/kg	3.2	1.64	%	0.0164	195.1	770	0.25341
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C3-phenanthrenes/Anthracenes	2000	E	ug/kg	2	1.64	%	0.0164	122	829	0.14711
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	benzo(a)anthracene	760		ug/kg	0.76	1.64	%	0.0164	46.34	841	0.0551
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	chrysene	870		ug/kg	0.87	1.64	%	0.0164	53.05	844	0.06285
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C4-phenanthrenes/Anthracenes	1300	E	ug/kg	1.3	1.64	%	0.0164	79.27	913	0.08682
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C1-chrysenes	1200	E	ug/kg	1.2	1.64	%	0.0164	73.17	929	0.07876
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	benzo(a)pyrene	500		ug/kg	0.5	1.64	%	0.0164	30.49	965	0.03159
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	benzo(e)pyrene	370		ug/kg	0.37	1.64	%	0.0164	22.56	967	0.02333
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	perylene	100		ug/kg	0.1	1.64	%	0.0164	6.098	967	0.00631
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	benzo(b)fluoranthene	370		ug/kg	0.37	1.64	%	0.0164	22.56	979	0.02304
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	benzo(k)fluoranthene	210		ug/kg	0.21	1.64	%	0.0164	12.8	981	0.01305
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C2-chrysenes	1200	E	ug/kg	1.2	1.64	%	0.0164	73.17	1008	0.07259
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	benzo(g,h,i)perylene	240		ug/kg	0.24	1.64	%	0.0164	14.63	1095	0.01336
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C3-chrysenes	850		ug/kg	0.85	1.64	%	0.0164	51.83	1112	0.04661
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	indeno(1,2,3-cd)pyrene	200		ug/kg	0.2	1.64	%	0.0164	12.2	1115	0.01094
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	dibenzo(a,h)anthracene	59		ug/kg	0.059	1.64	%	0.0164	3.598	1123	0.0032
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	C4-chrysenes	640		ug/kg	0.64	1.64	%	0.0164	39.02	1214	0.03215
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	naphthalene	37000		ug/kg	37	9.03	%	0.0903	409.7	385	1.06427
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C1-naphthalenes	11000		ug/kg	17.3	9.03	%	0.0903	191.6	444	0.43149
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	acenaphthylene	2000		ug/kg	2	9.03	%	0.0903	22.15	452	0.049
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	acenaphthene	6300		ug/kg	6.3	9.03	%	0.0903	69.77	491	0.14209
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C2-naphthalenes	6700		ug/kg	6.7	9.03	%	0.0903	74.2	510	0.14548
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	fluorene	6800		ug/kg	6.8	9.03	%	0.0903	75.3	538	0.13997
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C3-naphthalenes	19000	J	ug/kg	19	9.03	%	0.0903	210.4	581	0.36215
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	anthracene	3600		ug/kg	3.6	9.03	%	0.0903	39.87	594	0.06712

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	phenanthrene	16000		ug/kg	16	9.03	%	0.0903	177.2	596	0.29729
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C1-fluorenes	6100		ug/kg	6.1	9.03	%	0.0903	67.55	611	0.11056
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C4-naphthalenes	3600		ug/kg	3.6	9.03	%	0.0903	39.87	657	0.06068
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C1-phenanthrenes/Anthracenes	6500		ug/kg	6.5	9.03	%	0.0903	71.98	670	0.10744
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C2-fluorenes	2400		ug/kg	2.4	9.03	%	0.0903	26.58	686	0.03874
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	pyrene	10000		ug/kg	10	9.03	%	0.0903	110.7	697	0.15888
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	fluoranthene	4400		ug/kg	4.4	9.03	%	0.0903	48.73	707	0.06892
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C2-phenanthrenes/Anthracenes	2300		ug/kg	2.3	9.03	%	0.0903	25.47	746	0.03414
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C3-fluorenes	2200		ug/kg	2.2	9.03	%	0.0903	24.36	769	0.03168
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C1-fluoranthene/Pyrene	3900		ug/kg	3.9	9.03	%	0.0903	43.19	770	0.05609
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C3-phenanthrenes/Anthracenes	1400		ug/kg	1.4	9.03	%	0.0903	15.5	829	0.0187
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	benzo(a)anthracene	970		ug/kg	0.97	9.03	%	0.0903	10.74	841	0.01277
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	chrysene	900		ug/kg	0.9	9.03	%	0.0903	9.967	844	0.01181
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C4-phenanthrenes/Anthracenes	640		ug/kg	0.64	9.03	%	0.0903	7.087	913	0.00776
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C1-chrysenes	810		ug/kg	0.81	9.03	%	0.0903	8.97	929	0.00966
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	benzo(a)pyrene	710		ug/kg	0.71	9.03	%	0.0903	7.863	965	0.00815
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	benzo(e)pyrene	460		ug/kg	0.46	9.03	%	0.0903	5.094	967	0.00527
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	perylene	83		ug/kg	0.083	9.03	%	0.0903	0.919	967	0.00095
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	benzo(b)fluoranthene	300		ug/kg	0.3	9.03	%	0.0903	3.322	979	0.00339
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	benzo(k)fluoranthene	210		ug/kg	0.21	9.03	%	0.0903	2.326	981	0.00237
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C2-chrysenes	310		ug/kg	0.31	9.03	%	0.0903	3.433	1008	0.00341
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	benzo(g,h,i)perylene	970		ug/kg	0.97	9.03	%	0.0903	10.74	1095	0.00981
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C3-chrysenes	0	U	ug/kg	0	9.03	%	0.0903	0	1112	0
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	indeno(1,2,3-cd)pyrene	390		ug/kg	0.39	9.03	%	0.0903	4.319	1115	0.00387
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	dibenzo(a,h)anthracene	30		ug/kg	0.03	9.03	%	0.0903	0.332	1123	0.0003
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	C4-chrysenes	0	U	ug/kg	0	9.03	%	0.0903	0	1214	0
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	naphthalene	120		ug/kg	0.12	4.29	%	0.0429	2.797	385	0.00727
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C1-naphthalenes	140		ug/kg	0.25	4.29	%	0.0429	5.828	444	0.01313
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	acenaphthylene	200		ug/kg	0.2	4.29	%	0.0429	4.662	452	0.01031
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	acenaphthene	73		ug/kg	0.073	4.29	%	0.0429	1.702	491	0.00347
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C2-naphthalenes	730		ug/kg	0.73	4.29	%	0.0429	17.02	510	0.03337
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	fluorene	140		ug/kg	0.14	4.29	%	0.0429	3.263	538	0.00607
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C3-naphthalenes	2500		ug/kg	2.5	4.29	%	0.0429	58.28	581	0.1003
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	anthracene	360		ug/kg	0.36	4.29	%	0.0429	8.392	594	0.01413
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	phenanthrene	500		ug/kg	0.5	4.29	%	0.0429	11.66	596	0.01956
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C1-fluorenes	740		ug/kg	0.74	4.29	%	0.0429	17.25	611	0.02823
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C4-naphthalenes	1200		ug/kg	1.2	4.29	%	0.0429	27.97	657	0.04258
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C1-phenanthrenes/Anthracenes	1300		ug/kg	1.3	4.29	%	0.0429	30.3	670	0.04523
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C2-fluorenes	900		ug/kg	0.9	4.29	%	0.0429	20.98	686	0.03058
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	pyrene	1700		ug/kg	1.7	4.29	%	0.0429	39.63	697	0.05685
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	fluoranthene	1300		ug/kg	1.3	4.29	%	0.0429	30.3	707	0.04286

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C2-phenanthrenes/Anthracenes	1100		ug/kg	1.1	4.29	%	0.0429	25.64	746	0.03437
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C3-fluorenes	1200		ug/kg	1.2	4.29	%	0.0429	27.97	769	0.03637
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C1-fluoranthene/Pyrene	1100		ug/kg	1.1	4.29	%	0.0429	25.64	770	0.0333
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C3-phenanthrenes/Anthracenes	810		ug/kg	0.81	4.29	%	0.0429	18.88	829	0.02278
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	benzo(a)anthracene	600		ug/kg	0.6	4.29	%	0.0429	13.99	841	0.01663
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	chrysene	750		ug/kg	0.75	4.29	%	0.0429	17.48	844	0.02071
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C4-phenanthrenes/Anthracenes	390		ug/kg	0.39	4.29	%	0.0429	9.091	913	0.00996
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C1-chrysenes	430		ug/kg	0.43	4.29	%	0.0429	10.02	929	0.01079
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	benzo(a)pyrene	580		ug/kg	0.58	4.29	%	0.0429	13.52	965	0.01401
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	benzo(e)pyrene	450		ug/kg	0.45	4.29	%	0.0429	10.49	967	0.01085
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	perylene	130		ug/kg	0.13	4.29	%	0.0429	3.03	967	0.00313
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	benzo(b)fluoranthene	610		ug/kg	0.61	4.29	%	0.0429	14.22	979	0.01452
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	benzo(k)fluoranthene	430		ug/kg	0.43	4.29	%	0.0429	10.02	981	0.01022
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C2-chrysenes	210		ug/kg	0.21	4.29	%	0.0429	4.895	1008	0.00486
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	benzo(g,h,i)perylene	400		ug/kg	0.4	4.29	%	0.0429	9.324	1095	0.00852
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C3-chrysenes	0	U	ug/kg	0	4.29	%	0.0429	0	1112	0
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	indeno(1,2,3-cd)pyrene	410		ug/kg	0.41	4.29	%	0.0429	9.557	1115	0.00857
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	dibenzo(a,h)anthracene	87		ug/kg	0.087	4.29	%	0.0429	2.028	1123	0.00181
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	C4-chrysenes	0	U	ug/kg	0	4.29	%	0.0429	0	1214	0
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	naphthalene	20		ug/kg	0.02	3.66	%	0.0366	0.546	385	0.00142
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C1-naphthalenes	49		ug/kg	0.078	3.66	%	0.0366	2.131	444	0.0048
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	acenaphthylene	69		ug/kg	0.069	3.66	%	0.0366	1.885	452	0.00417
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	acenaphthene	55		ug/kg	0.055	3.66	%	0.0366	1.503	491	0.00306
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C2-naphthalenes	330		ug/kg	0.33	3.66	%	0.0366	9.016	510	0.01768
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	fluorene	46		ug/kg	0.046	3.66	%	0.0366	1.257	538	0.00234
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C3-naphthalenes	790		ug/kg	0.79	3.66	%	0.0366	21.58	581	0.03715
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	anthracene	77		ug/kg	0.077	3.66	%	0.0366	2.104	594	0.00354
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	phenanthrene	190		ug/kg	0.19	3.66	%	0.0366	5.191	596	0.00871
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C1-fluorenes	140		ug/kg	0.14	3.66	%	0.0366	3.825	611	0.00626
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C4-naphthalenes	690		ug/kg	0.69	3.66	%	0.0366	18.85	657	0.02869
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C1-phenanthrenes/Anthracenes	410		ug/kg	0.41	3.66	%	0.0366	11.2	670	0.01672
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C2-fluorenes	320		ug/kg	0.32	3.66	%	0.0366	8.743	686	0.01275
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	pyrene	690		ug/kg	0.69	3.66	%	0.0366	18.85	697	0.02705
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	fluoranthene	520		ug/kg	0.52	3.66	%	0.0366	14.21	707	0.0201
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C2-phenanthrenes/Anthracenes	420		ug/kg	0.42	3.66	%	0.0366	11.48	746	0.01538
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C3-fluorenes	590		ug/kg	0.59	3.66	%	0.0366	16.12	769	0.02096
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C1-fluoranthene/Pyrene	410		ug/kg	0.41	3.66	%	0.0366	11.2	770	0.01455
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C3-phenanthrenes/Anthracenes	490		ug/kg	0.49	3.66	%	0.0366	13.39	829	0.01615
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	benzo(a)anthracene	230		ug/kg	0.23	3.66	%	0.0366	6.284	841	0.00747
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	chrysene	320		ug/kg	0.32	3.66	%	0.0366	8.743	844	0.01036
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C4-phenanthrenes/Anthracenes	440		ug/kg	0.44	3.66	%	0.0366	12.02	913	0.01317

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C1-chrysenes	220		ug/kg	0.22	3.66	%	0.0366	6.011	929	0.00647
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	benzo(a)pyrene	230		ug/kg	0.23	3.66	%	0.0366	6.284	965	0.00651
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	benzo(e)pyrene	210		ug/kg	0.21	3.66	%	0.0366	5.738	967	0.00593
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	perylene	58		ug/kg	0.058	3.66	%	0.0366	1.585	967	0.00164
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	benzo(b)fluoranthene	270		ug/kg	0.27	3.66	%	0.0366	7.377	979	0.00754
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	benzo(k)fluoranthene	190		ug/kg	0.19	3.66	%	0.0366	5.191	981	0.00529
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C2-chrysenes	150		ug/kg	0.15	3.66	%	0.0366	4.098	1008	0.00407
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	benzo(g,h,i)perylene	210		ug/kg	0.21	3.66	%	0.0366	5.738	1095	0.00524
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C3-chrysenes	73		ug/kg	0.073	3.66	%	0.0366	1.995	1112	0.00179
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	indeno(1,2,3-cd)pyrene	180		ug/kg	0.18	3.66	%	0.0366	4.918	1115	0.00441
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	dibenzo(a,h)anthracene	39		ug/kg	0.039	3.66	%	0.0366	1.066	1123	0.00095
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	C4-chrysenes	29		ug/kg	0.029	3.66	%	0.0366	0.792	1214	0.00065
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	naphthalene	2600		ug/kg	2.6	2.09	%	0.0209	124.4	385	0.32312
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C1-naphthalenes	7900		ug/kg	13.1	2.09	%	0.0209	626.8	444	1.4117
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	acenaphthylene	790		ug/kg	0.79	2.09	%	0.0209	37.8	452	0.08363
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	acenaphthene	7500		ug/kg	7.5	2.09	%	0.0209	358.9	491	0.73086
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C2-naphthalenes	5700		ug/kg	5.7	2.09	%	0.0209	272.7	510	0.53476
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	fluorene	3700		ug/kg	3.7	2.09	%	0.0209	177	538	0.32906
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C3-naphthalenes	13000	J	ug/kg	13	2.09	%	0.0209	622	581	1.07058
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	anthracene	2600		ug/kg	2.6	2.09	%	0.0209	124.4	594	0.20943
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	phenanthrene	9000		ug/kg	9	2.09	%	0.0209	430.6	596	0.72252
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C1-fluorenes	5300		ug/kg	5.3	2.09	%	0.0209	253.6	611	0.41504
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C4-naphthalenes	2200		ug/kg	2.2	2.09	%	0.0209	105.3	657	0.16022
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C1-phenanthrenes/Anthracenes	5300		ug/kg	5.3	2.09	%	0.0209	253.6	670	0.37849
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C2-fluorenes	2000		ug/kg	2	2.09	%	0.0209	95.69	686	0.1395
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	pyrene	5700		ug/kg	5.7	2.09	%	0.0209	272.7	697	0.39129
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	fluoranthene	3600		ug/kg	3.6	2.09	%	0.0209	172.2	707	0.24363
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C2-phenanthrenes/Anthracenes	2100		ug/kg	2.1	2.09	%	0.0209	100.5	746	0.13469
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C3-fluorenes	2700		ug/kg	2.7	2.09	%	0.0209	129.2	769	0.16799
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C1-fluoranthene/Pyrene	4000		ug/kg	4	2.09	%	0.0209	191.4	770	0.24856
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C3-phenanthrenes/Anthracenes	1500		ug/kg	1.5	2.09	%	0.0209	71.77	829	0.08657
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	benzo(a)anthracene	1400		ug/kg	1.4	2.09	%	0.0209	66.99	841	0.07965
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	chrysene	1800		ug/kg	1.8	2.09	%	0.0209	86.12	844	0.10204
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C4-phenanthrenes/Anthracenes	1500		ug/kg	1.5	2.09	%	0.0209	71.77	913	0.07861
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C1-chrysenes	1500		ug/kg	1.5	2.09	%	0.0209	71.77	929	0.07726
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	benzo(a)pyrene	1400		ug/kg	1.4	2.09	%	0.0209	66.99	965	0.06942
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	benzo(e)pyrene	1000		ug/kg	1	2.09	%	0.0209	47.85	967	0.04948
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	perylene	260		ug/kg	0.26	2.09	%	0.0209	12.44	967	0.01286
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	benzo(b)fluoranthene	1100		ug/kg	1.1	2.09	%	0.0209	52.63	979	0.05376
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	benzo(k)fluoranthene	880		ug/kg	0.88	2.09	%	0.0209	42.11	981	0.04292
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C2-chrysenes	670		ug/kg	0.67	2.09	%	0.0209	32.06	1008	0.0318

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	benzo(g,h,i)perylene	930		ug/kg	0.93	2.09	%	0.0209	44.5	1095	0.04064
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C3-chrysenes	220		ug/kg	0.22	2.09	%	0.0209	10.53	1112	0.00947
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	indeno(1,2,3-cd)pyrene	860		ug/kg	0.86	2.09	%	0.0209	41.15	1115	0.0369
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	dibenzo(a,h)anthracene	180		ug/kg	0.18	2.09	%	0.0209	8.612	1123	0.00767
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	C4-chrysenes	240		ug/kg	0.24	2.09	%	0.0209	11.48	1214	0.00946
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	naphthalene	17		ug/kg	0.017	0.76	%	0.0076	2.237	385	0.00581
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C1-naphthalenes	65		ug/kg	0.1	0.76	%	0.0076	13.16	444	0.02963
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	acenaphthylene	20		ug/kg	0.02	0.76	%	0.0076	2.632	452	0.00582
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	acenaphthene	140		ug/kg	0.14	0.76	%	0.0076	18.42	491	0.03752
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C2-naphthalenes	68		ug/kg	0.068	0.76	%	0.0076	8.947	510	0.01754
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	fluorene	62		ug/kg	0.062	0.76	%	0.0076	8.158	538	0.01516
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C3-naphthalenes	83		ug/kg	0.083	0.76	%	0.0076	10.92	581	0.0188
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	anthracene	130		ug/kg	0.13	0.76	%	0.0076	17.11	594	0.0288
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	phenanthrene	570		ug/kg	0.57	0.76	%	0.0076	75	596	0.12584
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C1-fluorenes	28		ug/kg	0.028	0.76	%	0.0076	3.684	611	0.00603
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C4-naphthalenes	34		ug/kg	0.034	0.76	%	0.0076	4.474	657	0.00681
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C1-phenanthrenes/Anthracenes	160		ug/kg	0.16	0.76	%	0.0076	21.05	670	0.03142
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C2-fluorenes	0	U	ug/kg	0	0.76	%	0.0076	0	686	0
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	pyrene	1500		ug/kg	1.5	0.76	%	0.0076	197.4	697	0.28317
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	fluoranthene	1700		ug/kg	1.7	0.76	%	0.0076	223.7	707	0.31639
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C2-phenanthrenes/Anthracenes	120		ug/kg	0.12	0.76	%	0.0076	15.79	746	0.02117
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C3-fluorenes	77		ug/kg	0.077	0.76	%	0.0076	10.13	769	0.01318
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C1-fluoranthene/Pyrene	690		ug/kg	0.69	0.76	%	0.0076	90.79	770	0.11791
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C3-phenanthrenes/Anthracenes	100		ug/kg	0.1	0.76	%	0.0076	13.16	829	0.01587
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	benzo(a)anthracene	680		ug/kg	0.68	0.76	%	0.0076	89.47	841	0.10639
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	chrysene	1200		ug/kg	1.2	0.76	%	0.0076	157.9	844	0.18708
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C4-phenanthrenes/Anthracenes	73		ug/kg	0.073	0.76	%	0.0076	9.605	913	0.01052
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C1-chrysenes	300		ug/kg	0.3	0.76	%	0.0076	39.47	929	0.04249
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	benzo(a)pyrene	530		ug/kg	0.53	0.76	%	0.0076	69.74	965	0.07227
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	benzo(e)pyrene	490		ug/kg	0.49	0.76	%	0.0076	64.47	967	0.06667
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	perylene	160		ug/kg	0.16	0.76	%	0.0076	21.05	967	0.02177
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	benzo(b)fluoranthene	780		ug/kg	0.78	0.76	%	0.0076	102.6	979	0.10483
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	benzo(k)fluoranthene	600		ug/kg	0.6	0.76	%	0.0076	78.95	981	0.08048
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C2-chrysenes	110		ug/kg	0.11	0.76	%	0.0076	14.47	1008	0.01436
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	benzo(g,h,i)perylene	320		ug/kg	0.32	0.76	%	0.0076	42.11	1095	0.03845
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C3-chrysenes	35		ug/kg	0.035	0.76	%	0.0076	4.605	1112	0.00414
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	indeno(1,2,3-cd)pyrene	350		ug/kg	0.35	0.76	%	0.0076	46.05	1115	0.0413
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	dibenzo(a,h)anthracene	71		ug/kg	0.071	0.76	%	0.0076	9.342	1123	0.00832
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	C4-chrysenes	0	U	ug/kg	0	0.76	%	0.0076	0	1214	0
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	naphthalene	48		ug/kg	0.048	0.44	%	0.0044	10.91	385	0.02834
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C1-naphthalenes	640		ug/kg	0.682	0.44	%	0.0044	155	444	0.3491

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	acenaphthylene	450		ug/kg	0.45	0.44	%	0.0044	102.3	452	0.22627
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	acenaphthene	510		ug/kg	0.51	0.44	%	0.0044	115.9	491	0.23607
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C2-naphthalenes	680		ug/kg	0.68	0.44	%	0.0044	154.5	510	0.30303
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	fluorene	320		ug/kg	0.32	0.44	%	0.0044	72.73	538	0.13518
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C3-naphthalenes	1300		ug/kg	1.3	0.44	%	0.0044	295.5	581	0.50853
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	anthracene	470		ug/kg	0.47	0.44	%	0.0044	106.8	594	0.17983
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	phenanthrene	1300		ug/kg	1.3	0.44	%	0.0044	295.5	596	0.49573
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C1-fluorenes	670		ug/kg	0.67	0.44	%	0.0044	152.3	611	0.24922
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C4-naphthalenes	250		ug/kg	0.25	0.44	%	0.0044	56.82	657	0.08648
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C1-phenanthrenes/Anthracenes	830		ug/kg	0.83	0.44	%	0.0044	188.6	670	0.28155
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C2-fluorenes	310		ug/kg	0.31	0.44	%	0.0044	70.45	686	0.1027
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	pyrene	1900		ug/kg	1.9	0.44	%	0.0044	431.8	697	0.61954
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	fluoranthene	1800		ug/kg	1.8	0.44	%	0.0044	409.1	707	0.57863
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C2-phenanthrenes/Anthracenes	630		ug/kg	0.63	0.44	%	0.0044	143.2	746	0.19193
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C3-fluorenes	530		ug/kg	0.53	0.44	%	0.0044	120.5	769	0.15664
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C1-fluoranthene/Pyrene	1000		ug/kg	1	0.44	%	0.0044	227.3	770	0.29516
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C3-phenanthrenes/Anthracenes	590		ug/kg	0.59	0.44	%	0.0044	134.1	829	0.16175
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	benzo(a)anthracene	640		ug/kg	0.64	0.44	%	0.0044	145.5	841	0.17295
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	chrysene	830		ug/kg	0.83	0.44	%	0.0044	188.6	844	0.2235
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C4-phenanthrenes/Anthracenes	340		ug/kg	0.34	0.44	%	0.0044	77.27	913	0.08464
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C1-chrysenes	390		ug/kg	0.39	0.44	%	0.0044	88.64	929	0.09541
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	benzo(a)pyrene	540		ug/kg	0.54	0.44	%	0.0044	122.7	965	0.12718
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	benzo(e)pyrene	420		ug/kg	0.42	0.44	%	0.0044	95.45	967	0.09871
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	perylene	140		ug/kg	0.14	0.44	%	0.0044	31.82	967	0.0329
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	benzo(b)fluoranthene	580		ug/kg	0.58	0.44	%	0.0044	131.8	979	0.13465
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	benzo(k)fluoranthene	450		ug/kg	0.45	0.44	%	0.0044	102.3	981	0.10425
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C2-chrysenes	190		ug/kg	0.19	0.44	%	0.0044	43.18	1008	0.04284
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	benzo(g,h,i)perylene	330		ug/kg	0.33	0.44	%	0.0044	75	1095	0.06849
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C3-chrysenes	67		ug/kg	0.067	0.44	%	0.0044	15.23	1112	0.01369
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	indeno(1,2,3-cd)pyrene	380		ug/kg	0.38	0.44	%	0.0044	86.36	1115	0.07746
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	dibenzo(a,h)anthracene	81		ug/kg	0.081	0.44	%	0.0044	18.41	1123	0.01639
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	C4-chrysenes	0	U	ug/kg	0	0.44	%	0.0044	0	1214	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	naphthalene	2	J	ug/kg	0.002	0.68	%	0.0068	0.294	385	0.00076
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C1-naphthalenes	0.51	J	ug/kg	0.00114	0.68	%	0.0068	0.168	444	0.00038
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	acenaphthylene	0	U	ug/kg	0	0.68	%	0.0068	0	452	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	acenaphthene	0	U	ug/kg	0	0.68	%	0.0068	0	491	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C2-naphthalenes	0	U	ug/kg	0	0.68	%	0.0068	0	510	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	fluorene	0.3	J	ug/kg	0.0003	0.68	%	0.0068	0.044	538	8.2E-05
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C3-naphthalenes	0	U	ug/kg	0	0.68	%	0.0068	0	581	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	anthracene	0	U	ug/kg	0	0.68	%	0.0068	0	594	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	phenanthrene	1.4	J	ug/kg	0.0014	0.68	%	0.0068	0.206	596	0.00035

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C1-fluorenes	0	U	ug/kg	0	0.68	%	0.0068	0	611	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C4-naphthalenes	0	U	ug/kg	0	0.68	%	0.0068	0	657	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C1-phenanthrenes/Anthracenes	0	U	ug/kg	0	0.68	%	0.0068	0	670	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C2-fluorenes	0	U	ug/kg	0	0.68	%	0.0068	0	686	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	pyrene	1.1	J	ug/kg	0.0011	0.68	%	0.0068	0.162	697	0.00023
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	fluoranthene	0.9	J	ug/kg	0.0009	0.68	%	0.0068	0.132	707	0.00019
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C2-phenanthrenes/Anthracenes	0	U	ug/kg	0	0.68	%	0.0068	0	746	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C3-fluorenes	0	U	ug/kg	0	0.68	%	0.0068	0	769	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C1-fluoranthene/Pyrene	0	U	ug/kg	0	0.68	%	0.0068	0	770	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C3-phenanthrenes/Anthracenes	0	U	ug/kg	0	0.68	%	0.0068	0	829	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	benzo(a)anthracene	0.44	J	ug/kg	0.00044	0.68	%	0.0068	0.065	841	7.7E-05
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	chrysene	0.8	J	ug/kg	0.0008	0.68	%	0.0068	0.118	844	0.00014
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C4-phenanthrenes/Anthracenes	0	U	ug/kg	0	0.68	%	0.0068	0	913	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C1-chrysenes	0	U	ug/kg	0	0.68	%	0.0068	0	929	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	benzo(a)pyrene	0.43	J	ug/kg	0.00043	0.68	%	0.0068	0.063	965	6.6E-05
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	benzo(e)pyrene	0.68	J	ug/kg	0.00068	0.68	%	0.0068	0.1	967	0.0001
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	perylene	8.1		ug/kg	0.0081	0.68	%	0.0068	1.191	967	0.00123
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	benzo(b)fluoranthene	0	U	ug/kg	0	0.68	%	0.0068	0	979	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	benzo(k)fluoranthene	0	U	ug/kg	0	0.68	%	0.0068	0	981	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C2-chrysenes	0	U	ug/kg	0	0.68	%	0.0068	0	1008	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	benzo(g,h,i)perylene	0.5	J	ug/kg	0.0005	0.68	%	0.0068	0.074	1095	6.7E-05
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C3-chrysenes	0	U	ug/kg	0	0.68	%	0.0068	0	1112	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	indeno(1,2,3-cd)pyrene	0.41	J	ug/kg	0.00041	0.68	%	0.0068	0.06	1115	5.4E-05
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	dibenzo(a,h)anthracene	0	U	ug/kg	0	0.68	%	0.0068	0	1123	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	C4-chrysenes	0	U	ug/kg	0	0.68	%	0.0068	0	1214	0
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	naphthalene	924	J	ug/kg	0.924	2.33	%	0.0233	39.66	385	0.103
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	acenaphthylene	2900	J	ug/kg	2.9	2.33	%	0.0233	124.5	452	0.27536
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	acenaphthene	1350	J	ug/kg	1.35	2.33	%	0.0233	57.94	491	0.118
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	fluorene	2070	J	ug/kg	2.07	2.33	%	0.0233	88.84	538	0.16513
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	anthracene	1200	J	ug/kg	1.2	2.33	%	0.0233	51.5	594	0.0867
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	phenanthrene	8650	J	ug/kg	8.65	2.33	%	0.0233	371.2	596	0.62289
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	pyrene	11400	J	ug/kg	11.4	2.33	%	0.0233	489.3	697	0.70197
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	fluoranthene	7010	J	ug/kg	7.01	2.33	%	0.0233	300.9	707	0.42554
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	benzo(a)anthracene	752		ug/kg	0.752	2.33	%	0.0233	32.27	841	0.03838
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	chrysene	1320		ug/kg	1.32	2.33	%	0.0233	56.65	844	0.06712
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	benzo(a)pyrene	1420		ug/kg	1.42	2.33	%	0.0233	60.94	965	0.06315
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	benzo(b)fluoranthene	823	J	ug/kg	0.823	2.33	%	0.0233	35.32	979	0.03608
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	benzo(k)fluoranthene	582		ug/kg	0.582	2.33	%	0.0233	24.98	981	0.02546
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	benzo(g,h,i)perylene	2600	J	ug/kg	2.6	2.33	%	0.0233	111.6	1095	0.10191
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	dibenzo(a,h)anthracene	234	J	ug/kg	0.234	2.33	%	0.0233	10.04	1123	0.00894
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	naphthalene	652		ug/kg	0.652	1.6	%	0.016	40.75	385	0.10584

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	acenaphthylene	1730		ug/kg	1.73	1.6	%	0.016	108.1	452	0.23921
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	acenaphthene	945		ug/kg	0.945	1.6	%	0.016	59.06	491	0.12029
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	fluorene	729		ug/kg	0.729	1.6	%	0.016	45.56	538	0.08469
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	anthracene	598		ug/kg	0.598	1.6	%	0.016	37.38	594	0.06292
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	phenanthrene	3250		ug/kg	3.25	1.6	%	0.016	203.1	596	0.34081
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	pyrene	8880		ug/kg	8.88	1.6	%	0.016	555	697	0.79627
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	fluoranthene	4760		ug/kg	4.76	1.6	%	0.016	297.5	707	0.42079
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	benzo(a)anthracene	538		ug/kg	0.538	1.6	%	0.016	33.63	841	0.03998
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	chrysene	1060		ug/kg	1.06	1.6	%	0.016	66.25	844	0.0785
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	benzo(a)pyrene	1720		ug/kg	1.72	1.6	%	0.016	107.5	965	0.1114
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	benzo(b)fluoranthene	1250		ug/kg	1.25	1.6	%	0.016	78.13	979	0.0798
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	benzo(k)fluoranthene	996		ug/kg	0.996	1.6	%	0.016	62.25	981	0.06346
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	benzo(g,h,i)perylene	3650		ug/kg	3.65	1.6	%	0.016	228.1	1095	0.20833
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	dibenzo(a,h)anthracene	100		ug/kg	0.1	1.6	%	0.016	6.25	1123	0.00557
3-4/24/2001	0	10	cm	3	24-Apr-01	naphthalene	23500		ug/kg	23.5	4.17	%	0.0417	563.5	385	1.46376
3-4/24/2001	0	10	cm	3	24-Apr-01	acenaphthylene	16100		ug/kg	16.1	4.17	%	0.0417	386.1	452	0.85418
3-4/24/2001	0	10	cm	3	24-Apr-01	acenaphthene	25900	J	ug/kg	25.9	4.17	%	0.0417	621.1	491	1.26498
3-4/24/2001	0	10	cm	3	24-Apr-01	fluorene	32700	J	ug/kg	32.7	4.17	%	0.0417	784.2	538	1.45757
3-4/24/2001	0	10	cm	3	24-Apr-01	anthracene	22500	J	ug/kg	22.5	4.17	%	0.0417	539.6	594	0.90836
3-4/24/2001	0	10	cm	3	24-Apr-01	phenanthrene	71500	J	ug/kg	71.5	4.17	%	0.0417	1715	596	2.87689
3-4/24/2001	0	10	cm	3	24-Apr-01	pyrene	265	J	ug/kg	0.265	4.17	%	0.0417	6.355	697	0.00912
3-4/24/2001	0	10	cm	3	24-Apr-01	fluoranthene	125	J	ug/kg	0.125	4.17	%	0.0417	2.998	707	0.00424
3-4/24/2001	0	10	cm	3	24-Apr-01	benzo(a)anthracene	6790		ug/kg	6.79	4.17	%	0.0417	162.8	841	0.19361
3-4/24/2001	0	10	cm	3	24-Apr-01	chrysene	7960		ug/kg	7.96	4.17	%	0.0417	190.9	844	0.22617
3-4/24/2001	0	10	cm	3	24-Apr-01	benzo(a)pyrene	5030		ug/kg	5.03	4.17	%	0.0417	120.6	965	0.125
3-4/24/2001	0	10	cm	3	24-Apr-01	benzo(b)fluoranthene	2230		ug/kg	2.23	4.17	%	0.0417	53.48	979	0.05462
3-4/24/2001	0	10	cm	3	24-Apr-01	benzo(k)fluoranthene	2260		ug/kg	2.26	4.17	%	0.0417	54.2	981	0.05525
3-4/24/2001	0	10	cm	3	24-Apr-01	benzo(g,h,i)perylene	13100	J	ug/kg	13.1	4.17	%	0.0417	314.1	1095	0.28689
3-4/24/2001	0	10	cm	3	24-Apr-01	dibenzo(a,h)anthracene	723	J	ug/kg	0.723	4.17	%	0.0417	17.34	1123	0.01544
3-8/12/2003	0	10	cm	3	12-Aug-03	naphthalene	328.1		ug/kg	0.3281	5.1	%	0.051	6.433	385	0.01671
3-8/12/2003	0	10	cm	3	12-Aug-03	acenaphthylene	2103		ug/kg	2.103	5.1	%	0.051	41.24	452	0.09123
3-8/12/2003	0	10	cm	3	12-Aug-03	acenaphthene	527.6		ug/kg	0.5276	5.1	%	0.051	10.35	491	0.02107
3-8/12/2003	0	10	cm	3	12-Aug-03	fluorene	695		ug/kg	0.695	5.1	%	0.051	13.63	538	0.02533
3-8/12/2003	0	10	cm	3	12-Aug-03	anthracene	611.9		ug/kg	0.6119	5.1	%	0.051	12	594	0.0202
3-8/12/2003	0	10	cm	3	12-Aug-03	phenanthrene	2035		ug/kg	2.035	5.1	%	0.051	39.9	596	0.06695
3-8/12/2003	0	10	cm	3	12-Aug-03	pyrene	5178		ug/kg	5.178	5.1	%	0.051	101.5	697	0.14567
3-8/12/2003	0	10	cm	3	12-Aug-03	fluoranthene	2587		ug/kg	2.587	5.1	%	0.051	50.73	707	0.07175
3-8/12/2003	0	10	cm	3	12-Aug-03	benzo(a)anthracene	665.1		ug/kg	0.6651	5.1	%	0.051	13.04	841	0.01551
3-8/12/2003	0	10	cm	3	12-Aug-03	chrysene	794.8		ug/kg	0.7948	5.1	%	0.051	15.58	844	0.01846
3-8/12/2003	0	10	cm	3	12-Aug-03	benzo(a)pyrene	725.2		ug/kg	0.7252	5.1	%	0.051	14.22	965	0.01474
3-8/12/2003	0	10	cm	3	12-Aug-03	benzo(b)fluoranthene	604.4		ug/kg	0.6044	5.1	%	0.051	11.85	979	0.01211

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
3-8/12/2003	0	10	cm	3	12-Aug-03	benzo(k)fluoranthene	303.3	J	ug/kg	0.3033	5.1	%	0.051	5.947	981	0.00606
3-8/12/2003	0	10	cm	3	12-Aug-03	benzo(g,h,i)perylene	717.7		ug/kg	0.7177	5.1	%	0.051	14.07	1095	0.01285
3-8/12/2003	0	10	cm	3	12-Aug-03	dibenzo(a,h)anthracene	359.4		ug/kg	0.3594	5.1	%	0.051	7.047	1123	0.00628
3-9/6/2000	0	10	cm	3	06-Sep-00	naphthalene	1810		ug/kg	1.81	2.6	%	0.026	69.62	385	0.18082
3-9/6/2000	0	10	cm	3	06-Sep-00	acenaphthylene	4360		ug/kg	4.36	2.6	%	0.026	167.7	452	0.371
3-9/6/2000	0	10	cm	3	06-Sep-00	acenaphthene	1680		ug/kg	1.68	2.6	%	0.026	64.62	491	0.1316
3-9/6/2000	0	10	cm	3	06-Sep-00	fluorene	2100		ug/kg	2.1	2.6	%	0.026	80.77	538	0.15013
3-9/6/2000	0	10	cm	3	06-Sep-00	anthracene	2670		ug/kg	2.67	2.6	%	0.026	102.7	594	0.17288
3-9/6/2000	0	10	cm	3	06-Sep-00	phenanthrene	8240		ug/kg	8.24	2.6	%	0.026	316.9	596	0.53175
3-9/6/2000	0	10	cm	3	06-Sep-00	pyrene	8440		ug/kg	8.44	2.6	%	0.026	324.6	697	0.46573
3-9/6/2000	0	10	cm	3	06-Sep-00	fluoranthene	4720		ug/kg	4.72	2.6	%	0.026	181.5	707	0.25677
3-9/6/2000	0	10	cm	3	06-Sep-00	benzo(a)anthracene	1160		ug/kg	1.16	2.6	%	0.026	44.62	841	0.05305
3-9/6/2000	0	10	cm	3	06-Sep-00	chrysene	1640		ug/kg	1.64	2.6	%	0.026	63.08	844	0.07474
3-9/6/2000	0	10	cm	3	06-Sep-00	benzo(a)pyrene	1410		ug/kg	1.41	2.6	%	0.026	54.23	965	0.0562
3-9/6/2000	0	10	cm	3	06-Sep-00	benzo(b)fluoranthene	1020		ug/kg	1.02	2.6	%	0.026	39.23	979	0.04007
3-9/6/2000	0	10	cm	3	06-Sep-00	benzo(k)fluoranthene	1110		ug/kg	1.11	2.6	%	0.026	42.69	981	0.04352
3-9/6/2000	0	10	cm	3	06-Sep-00	benzo(g,h,i)perylene	1590		ug/kg	1.59	2.6	%	0.026	61.15	1095	0.05585
3-9/6/2000	0	10	cm	3	06-Sep-00	dibenzo(a,h)anthracene	141		ug/kg	0.141	2.6	%	0.026	5.423	1123	0.00483
5-4/24/2001	0	10	cm	5	24-Apr-01	naphthalene	2510		ug/kg	2.51	3.88	%	0.0388	64.69	385	0.16803
5-4/24/2001	0	10	cm	5	24-Apr-01	acenaphthylene	6160		ug/kg	6.16	3.88	%	0.0388	158.8	452	0.35125
5-4/24/2001	0	10	cm	5	24-Apr-01	acenaphthene	2770	J	ug/kg	2.77	3.88	%	0.0388	71.39	491	0.1454
5-4/24/2001	0	10	cm	5	24-Apr-01	fluorene	7630	J	ug/kg	7.63	3.88	%	0.0388	196.6	538	0.36552
5-4/24/2001	0	10	cm	5	24-Apr-01	anthracene	5640	J	ug/kg	5.64	3.88	%	0.0388	145.4	594	0.24472
5-4/24/2001	0	10	cm	5	24-Apr-01	phenanthrene	15300	J	ug/kg	15.3	3.88	%	0.0388	394.3	596	0.66163
5-4/24/2001	0	10	cm	5	24-Apr-01	pyrene	14700	J	ug/kg	14.7	3.88	%	0.0388	378.9	697	0.54357
5-4/24/2001	0	10	cm	5	24-Apr-01	fluoranthene	5290	J	ug/kg	5.29	3.88	%	0.0388	136.3	707	0.19284
5-4/24/2001	0	10	cm	5	24-Apr-01	benzo(a)anthracene	2730		ug/kg	2.73	3.88	%	0.0388	70.36	841	0.08366
5-4/24/2001	0	10	cm	5	24-Apr-01	chrysene	3980		ug/kg	3.98	3.88	%	0.0388	102.6	844	0.12154
5-4/24/2001	0	10	cm	5	24-Apr-01	benzo(a)pyrene	2990		ug/kg	2.99	3.88	%	0.0388	77.06	965	0.07986
5-4/24/2001	0	10	cm	5	24-Apr-01	benzo(b)fluoranthene	2040		ug/kg	2.04	3.88	%	0.0388	52.58	979	0.05371
5-4/24/2001	0	10	cm	5	24-Apr-01	benzo(k)fluoranthene	1810		ug/kg	1.81	3.88	%	0.0388	46.65	981	0.04755
5-4/24/2001	0	10	cm	5	24-Apr-01	benzo(g,h,i)perylene	4000	J	ug/kg	4	3.88	%	0.0388	103.1	1095	0.09415
5-4/24/2001	0	10	cm	5	24-Apr-01	dibenzo(a,h)anthracene	713	J	ug/kg	0.713	3.88	%	0.0388	18.38	1123	0.01636
5-9/5/2000	0	10	cm	5	05-Sep-00	naphthalene	254		ug/kg	0.254	3.7	%	0.037	6.865	385	0.01783
5-9/5/2000	0	10	cm	5	05-Sep-00	acenaphthylene	963		ug/kg	0.963	3.7	%	0.037	26.03	452	0.05758
5-9/5/2000	0	10	cm	5	05-Sep-00	acenaphthene	164		ug/kg	0.164	3.7	%	0.037	4.432	491	0.00903
5-9/5/2000	0	10	cm	5	05-Sep-00	fluorene	311		ug/kg	0.311	3.7	%	0.037	8.405	538	0.01562
5-9/5/2000	0	10	cm	5	05-Sep-00	anthracene	400		ug/kg	0.4	3.7	%	0.037	10.81	594	0.0182
5-9/5/2000	0	10	cm	5	05-Sep-00	phenanthrene	1010		ug/kg	1.01	3.7	%	0.037	27.3	596	0.0458
5-9/5/2000	0	10	cm	5	05-Sep-00	pyrene	1870		ug/kg	1.87	3.7	%	0.037	50.54	697	0.07251
5-9/5/2000	0	10	cm	5	05-Sep-00	fluoranthene	1670		ug/kg	1.67	3.7	%	0.037	45.14	707	0.06384

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
5-9/5/2000	0	10	cm	5	05-Sep-00	benzo(a)anthracene	726		ug/kg	0.726	3.7	%	0.037	19.62	841	0.02333
5-9/5/2000	0	10	cm	5	05-Sep-00	chrysene	1190		ug/kg	1.19	3.7	%	0.037	32.16	844	0.03811
5-9/5/2000	0	10	cm	5	05-Sep-00	benzo(a)pyrene	0	U	ug/kg	0	3.7	%	0.037	0	965	0
5-9/5/2000	0	10	cm	5	05-Sep-00	benzo(b)fluoranthene	1030		ug/kg	1.03	3.7	%	0.037	27.84	979	0.02843
5-9/5/2000	0	10	cm	5	05-Sep-00	benzo(k)fluoranthene	894		ug/kg	0.894	3.7	%	0.037	24.16	981	0.02463
5-9/5/2000	0	10	cm	5	05-Sep-00	benzo(g,h,i)perylene	697		ug/kg	0.697	3.7	%	0.037	18.84	1095	0.0172
5-9/5/2000	0	10	cm	5	05-Sep-00	dibenzo(a,h)anthracene	158		ug/kg	0.158	3.7	%	0.037	4.27	1123	0.0038
7-4/26/2001	0	10	cm	7	26-Apr-01	naphthalene	104	J	ug/kg	0.104	4.69	%	0.0469	2.217	385	0.00576
7-4/26/2001	0	10	cm	7	26-Apr-01	acenaphthylene	150		ug/kg	0.15	4.69	%	0.0469	3.198	452	0.00708
7-4/26/2001	0	10	cm	7	26-Apr-01	acenaphthene	127	J	ug/kg	0.127	4.69	%	0.0469	2.708	491	0.00552
7-4/26/2001	0	10	cm	7	26-Apr-01	fluorene	168	J	ug/kg	0.168	4.69	%	0.0469	3.582	538	0.00666
7-4/26/2001	0	10	cm	7	26-Apr-01	anthracene	322	J	ug/kg	0.322	4.69	%	0.0469	6.866	594	0.01156
7-4/26/2001	0	10	cm	7	26-Apr-01	phenanthrene	2120	J	ug/kg	2.12	4.69	%	0.0469	45.2	596	0.07584
7-4/26/2001	0	10	cm	7	26-Apr-01	pyrene	3560	J	ug/kg	3.56	4.69	%	0.0469	75.91	697	0.1089
7-4/26/2001	0	10	cm	7	26-Apr-01	fluoranthene	3540	J	ug/kg	3.54	4.69	%	0.0469	75.48	707	0.10676
7-4/26/2001	0	10	cm	7	26-Apr-01	benzo(a)anthracene	1160		ug/kg	1.16	4.69	%	0.0469	24.73	841	0.02941
7-4/26/2001	0	10	cm	7	26-Apr-01	chrysene	1960		ug/kg	1.96	4.69	%	0.0469	41.79	844	0.04952
7-4/26/2001	0	10	cm	7	26-Apr-01	benzo(a)pyrene	1320		ug/kg	1.32	4.69	%	0.0469	28.14	965	0.02917
7-4/26/2001	0	10	cm	7	26-Apr-01	benzo(b)fluoranthene	1490		ug/kg	1.49	4.69	%	0.0469	31.77	979	0.03245
7-4/26/2001	0	10	cm	7	26-Apr-01	benzo(k)fluoranthene	1430		ug/kg	1.43	4.69	%	0.0469	30.49	981	0.03108
7-4/26/2001	0	10	cm	7	26-Apr-01	benzo(g,h,i)perylene	1120	J	ug/kg	1.12	4.69	%	0.0469	23.88	1095	0.02181
7-4/26/2001	0	10	cm	7	26-Apr-01	dibenzo(a,h)anthracene	252		ug/kg	0.252	4.69	%	0.0469	5.373	1123	0.00478
7-8/12/2003	0	10	cm	7	12-Aug-03	naphthalene	0	U	ug/kg	0	2.7	%	0.027	0	385	0
7-8/12/2003	0	10	cm	7	12-Aug-03	acenaphthylene	26.35	J	ug/kg	0.02635	2.7	%	0.027	0.976	452	0.00216
7-8/12/2003	0	10	cm	7	12-Aug-03	acenaphthene	35.2	J	ug/kg	0.0352	2.7	%	0.027	1.304	491	0.00266
7-8/12/2003	0	10	cm	7	12-Aug-03	fluorene	0	U	ug/kg	0	2.7	%	0.027	0	538	0
7-8/12/2003	0	10	cm	7	12-Aug-03	anthracene	0	U	ug/kg	0	2.7	%	0.027	0	594	0
7-8/12/2003	0	10	cm	7	12-Aug-03	phenanthrene	89.5		ug/kg	0.0895	2.7	%	0.027	3.315	596	0.00556
7-8/12/2003	0	10	cm	7	12-Aug-03	pyrene	231.2		ug/kg	0.2312	2.7	%	0.027	8.563	697	0.01229
7-8/12/2003	0	10	cm	7	12-Aug-03	fluoranthene	294.3		ug/kg	0.2943	2.7	%	0.027	10.9	707	0.01542
7-8/12/2003	0	10	cm	7	12-Aug-03	benzo(a)anthracene	111.9		ug/kg	0.1119	2.7	%	0.027	4.144	841	0.00493
7-8/12/2003	0	10	cm	7	12-Aug-03	chrysene	140.3		ug/kg	0.1403	2.7	%	0.027	5.196	844	0.00616
7-8/12/2003	0	10	cm	7	12-Aug-03	benzo(a)pyrene	112.8		ug/kg	0.1128	2.7	%	0.027	4.178	965	0.00433
7-8/12/2003	0	10	cm	7	12-Aug-03	benzo(b)fluoranthene	259.4		ug/kg	0.2594	2.7	%	0.027	9.607	979	0.00981
7-8/12/2003	0	10	cm	7	12-Aug-03	benzo(k)fluoranthene	91.4		ug/kg	0.0914	2.7	%	0.027	3.385	981	0.00345
7-8/12/2003	0	10	cm	7	12-Aug-03	benzo(g,h,i)perylene	70.1		ug/kg	0.0701	2.7	%	0.027	2.596	1095	0.00237
7-8/12/2003	0	10	cm	7	12-Aug-03	dibenzo(a,h)anthracene	0	U	ug/kg	0	2.7	%	0.027	0	1123	0
7-9/6/2000	0	10	cm	7	06-Sep-00	naphthalene	108		ug/kg	0.108	4.8	%	0.048	2.25	385	0.00584
7-9/6/2000	0	10	cm	7	06-Sep-00	acenaphthylene	272		ug/kg	0.272	4.8	%	0.048	5.667	452	0.01254
7-9/6/2000	0	10	cm	7	06-Sep-00	acenaphthene	123		ug/kg	0.123	4.8	%	0.048	2.563	491	0.00522
7-9/6/2000	0	10	cm	7	06-Sep-00	fluorene	246		ug/kg	0.246	4.8	%	0.048	5.125	538	0.00953

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Table B-5 Addendum
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
7-9/6/2000	0	10	cm	7	06-Sep-00	anthracene	296		ug/kg	0.296	4.8	%	0.048	6.167	594	0.01038
7-9/6/2000	0	10	cm	7	06-Sep-00	phenanthrene	1790		ug/kg	1.79	4.8	%	0.048	37.29	596	0.06257
7-9/6/2000	0	10	cm	7	06-Sep-00	pyrene	2390		ug/kg	2.39	4.8	%	0.048	49.79	697	0.07144
7-9/6/2000	0	10	cm	7	06-Sep-00	fluoranthene	2930		ug/kg	2.93	4.8	%	0.048	61.04	707	0.08634
7-9/6/2000	0	10	cm	7	06-Sep-00	benzo(a)anthracene	1080		ug/kg	1.08	4.8	%	0.048	22.5	841	0.02675
7-9/6/2000	0	10	cm	7	06-Sep-00	chrysene	1990		ug/kg	1.99	4.8	%	0.048	41.46	844	0.04912
7-9/6/2000	0	10	cm	7	06-Sep-00	benzo(a)pyrene	1320		ug/kg	1.32	4.8	%	0.048	27.5	965	0.0285
7-9/6/2000	0	10	cm	7	06-Sep-00	benzo(b)fluoranthene	1660		ug/kg	1.66	4.8	%	0.048	34.58	979	0.03533
7-9/6/2000	0	10	cm	7	06-Sep-00	benzo(k)fluoranthene	1400		ug/kg	1.4	4.8	%	0.048	29.17	981	0.02973
7-9/6/2000	0	10	cm	7	06-Sep-00	benzo(g,h,i)perylene	715		ug/kg	0.715	4.8	%	0.048	14.9	1095	0.0136
7-9/6/2000	0	10	cm	7	06-Sep-00	dibenzo(a,h)anthracene	169		ug/kg	0.169	4.8	%	0.048	3.521	1123	0.00314
4A-4/24/2001	0	10	cm	4A	24-Apr-01	naphthalene	84.2	J	ug/kg	0.0842	2.75	%	0.0275	3.062	385	0.00795
4A-4/24/2001	0	10	cm	4A	24-Apr-01	acenaphthylene	525		ug/kg	0.525	2.75	%	0.0275	19.09	452	0.04224
4A-4/24/2001	0	10	cm	4A	24-Apr-01	acenaphthene	268	J	ug/kg	0.268	2.75	%	0.0275	9.745	491	0.01985
4A-4/24/2001	0	10	cm	4A	24-Apr-01	fluorene	298	J	ug/kg	0.298	2.75	%	0.0275	10.84	538	0.02014
4A-4/24/2001	0	10	cm	4A	24-Apr-01	anthracene	465	J	ug/kg	0.465	2.75	%	0.0275	16.91	594	0.02847
4A-4/24/2001	0	10	cm	4A	24-Apr-01	phenanthrene	686	J	ug/kg	0.686	2.75	%	0.0275	24.95	596	0.04185
4A-4/24/2001	0	10	cm	4A	24-Apr-01	pyrene	2810	J	ug/kg	2.81	2.75	%	0.0275	102.2	697	0.1466
4A-4/24/2001	0	10	cm	4A	24-Apr-01	fluoranthene	2680	J	ug/kg	2.68	2.75	%	0.0275	97.45	707	0.13784
4A-4/24/2001	0	10	cm	4A	24-Apr-01	benzo(a)anthracene	959		ug/kg	0.959	2.75	%	0.0275	34.87	841	0.04147
4A-4/24/2001	0	10	cm	4A	24-Apr-01	chrysene	1870		ug/kg	1.87	2.75	%	0.0275	68	844	0.08057
4A-4/24/2001	0	10	cm	4A	24-Apr-01	benzo(a)pyrene	1360		ug/kg	1.36	2.75	%	0.0275	49.45	965	0.05125
4A-4/24/2001	0	10	cm	4A	24-Apr-01	benzo(b)fluoranthene	1580		ug/kg	1.58	2.75	%	0.0275	57.45	979	0.05869
4A-4/24/2001	0	10	cm	4A	24-Apr-01	benzo(k)fluoranthene	1420		ug/kg	1.42	2.75	%	0.0275	51.64	981	0.05264
4A-4/24/2001	0	10	cm	4A	24-Apr-01	benzo(g,h,i)perylene	966	J	ug/kg	0.966	2.75	%	0.0275	35.13	1095	0.03208
4A-4/24/2001	0	10	cm	4A	24-Apr-01	dibenzo(a,h)anthracene	162		ug/kg	0.162	2.75	%	0.0275	5.891	1123	0.00525
4A-8/12/2003	0	10	cm	4A	12-Aug-03	naphthalene	79.6	J	ug/kg	0.0796	8.1	%	0.081	0.983	385	0.00255
4A-8/12/2003	0	10	cm	4A	12-Aug-03	acenaphthylene	774.7		ug/kg	0.7747	8.1	%	0.081	9.564	452	0.02116
4A-8/12/2003	0	10	cm	4A	12-Aug-03	acenaphthene	196.5		ug/kg	0.1965	8.1	%	0.081	2.426	491	0.00494
4A-8/12/2003	0	10	cm	4A	12-Aug-03	fluorene	162.5		ug/kg	0.1625	8.1	%	0.081	2.006	538	0.00373
4A-8/12/2003	0	10	cm	4A	12-Aug-03	anthracene	459.2		ug/kg	0.4592	8.1	%	0.081	5.669	594	0.00954
4A-8/12/2003	0	10	cm	4A	12-Aug-03	phenanthrene	446.1		ug/kg	0.4461	8.1	%	0.081	5.507	596	0.00924
4A-8/12/2003	0	10	cm	4A	12-Aug-03	pyrene	5066		ug/kg	5.066	8.1	%	0.081	62.54	697	0.08973
4A-8/12/2003	0	10	cm	4A	12-Aug-03	fluoranthene	2341		ug/kg	2.341	8.1	%	0.081	28.9	707	0.04088
4A-8/12/2003	0	10	cm	4A	12-Aug-03	benzo(a)anthracene	707.2		ug/kg	0.7072	8.1	%	0.081	8.731	841	0.01038
4A-8/12/2003	0	10	cm	4A	12-Aug-03	chrysene	740.7		ug/kg	0.7407	8.1	%	0.081	9.144	844	0.01083
4A-8/12/2003	0	10	cm	4A	12-Aug-03	benzo(a)pyrene	804.6		ug/kg	0.8046	8.1	%	0.081	9.933	965	0.01029
4A-8/12/2003	0	10	cm	4A	12-Aug-03	benzo(b)fluoranthene	944.5		ug/kg	0.9445	8.1	%	0.081	11.66	979	0.01191
4A-8/12/2003	0	10	cm	4A	12-Aug-03	benzo(k)fluoranthene	413.6	J	ug/kg	0.4136	8.1	%	0.081	5.106	981	0.00521
4A-8/12/2003	0	10	cm	4A	12-Aug-03	benzo(g,h,i)perylene	1065		ug/kg	1.065	8.1	%	0.081	13.15	1095	0.01201
4A-8/12/2003	0	10	cm	4A	12-Aug-03	dibenzo(a,h)anthracene	0	U	ug/kg	0	8.1	%	0.081	0	1123	0

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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
4a-9/5/2000	0	10	cm	4A	05-Sep-00	naphthalene	1050		ug/kg	1.05	3.1	%	0.031	33.87	385	0.08798
4a-9/5/2000	0	10	cm	4A	05-Sep-00	acenaphthylene	493		ug/kg	0.493	3.1	%	0.031	15.9	452	0.03518
4a-9/5/2000	0	10	cm	4A	05-Sep-00	acenaphthene	135		ug/kg	0.135	3.1	%	0.031	4.355	491	0.00887
4a-9/5/2000	0	10	cm	4A	05-Sep-00	fluorene	214		ug/kg	0.214	3.1	%	0.031	6.903	538	0.01283
4a-9/5/2000	0	10	cm	4A	05-Sep-00	anthracene	321		ug/kg	0.321	3.1	%	0.031	10.35	594	0.01743
4a-9/5/2000	0	10	cm	4A	05-Sep-00	phenanthrene	914		ug/kg	0.914	3.1	%	0.031	29.48	596	0.04947
4a-9/5/2000	0	10	cm	4A	05-Sep-00	pyrene	2490		ug/kg	2.49	3.1	%	0.031	80.32	697	0.11524
4a-9/5/2000	0	10	cm	4A	05-Sep-00	fluoranthene	2260		ug/kg	2.26	3.1	%	0.031	72.9	707	0.10312
4a-9/5/2000	0	10	cm	4A	05-Sep-00	benzo(a)anthracene	983		ug/kg	0.983	3.1	%	0.031	31.71	841	0.0377
4a-9/5/2000	0	10	cm	4A	05-Sep-00	chrysene	1670		ug/kg	1.67	3.1	%	0.031	53.87	844	0.06383
4a-9/5/2000	0	10	cm	4A	05-Sep-00	benzo(a)pyrene	0	U	ug/kg	0	3.1	%	0.031	0	965	0
4a-9/5/2000	0	10	cm	4A	05-Sep-00	benzo(b)fluoranthene	1440		ug/kg	1.44	3.1	%	0.031	46.45	979	0.04745
4a-9/5/2000	0	10	cm	4A	05-Sep-00	benzo(k)fluoranthene	1330		ug/kg	1.33	3.1	%	0.031	42.9	981	0.04373
4a-9/5/2000	0	10	cm	4A	05-Sep-00	benzo(g,h,i)perylene	1110		ug/kg	1.11	3.1	%	0.031	35.81	1095	0.0327
4a-9/5/2000	0	10	cm	4A	05-Sep-00	dibenzo(a,h)anthracene	245		ug/kg	0.245	3.1	%	0.031	7.903	1123	0.00704
6A-4/25/2001	0	10	cm	6A	25-Apr-01	naphthalene	167	J	ug/kg	0.167	1.31	%	0.0131	12.75	385	0.03311
6A-4/25/2001	0	10	cm	6A	25-Apr-01	acenaphthylene	694	J	ug/kg	0.694	1.31	%	0.0131	52.98	452	0.11721
6A-4/25/2001	0	10	cm	6A	25-Apr-01	acenaphthene	93.2	J	ug/kg	0.0932	1.31	%	0.0131	7.115	491	0.01449
6A-4/25/2001	0	10	cm	6A	25-Apr-01	fluorene	61	J	ug/kg	0.061	1.31	%	0.0131	4.656	538	0.00866
6A-4/25/2001	0	10	cm	6A	25-Apr-01	anthracene	342	J	ug/kg	0.342	1.31	%	0.0131	26.11	594	0.04395
6A-4/25/2001	0	10	cm	6A	25-Apr-01	phenanthrene	365	J	ug/kg	0.365	1.31	%	0.0131	27.86	596	0.04675
6A-4/25/2001	0	10	cm	6A	25-Apr-01	pyrene	1220	J	ug/kg	1.22	1.31	%	0.0131	93.13	697	0.13362
6A-4/25/2001	0	10	cm	6A	25-Apr-01	fluoranthene	1100	J	ug/kg	1.1	1.31	%	0.0131	83.97	707	0.11877
6A-4/25/2001	0	10	cm	6A	25-Apr-01	benzo(a)anthracene	391		ug/kg	0.391	1.31	%	0.0131	29.85	841	0.03549
6A-4/25/2001	0	10	cm	6A	25-Apr-01	chrysene	664	J	ug/kg	0.664	1.31	%	0.0131	50.69	844	0.06006
6A-4/25/2001	0	10	cm	6A	25-Apr-01	benzo(a)pyrene	0	U	ug/kg	0	1.31	%	0.0131	0	965	0
6A-4/25/2001	0	10	cm	6A	25-Apr-01	benzo(b)fluoranthene	333	J	ug/kg	0.333	1.31	%	0.0131	25.42	979	0.02597
6A-4/25/2001	0	10	cm	6A	25-Apr-01	benzo(k)fluoranthene	313		ug/kg	0.313	1.31	%	0.0131	23.89	981	0.02436
6A-4/25/2001	0	10	cm	6A	25-Apr-01	benzo(g,h,i)perylene	143	J	ug/kg	0.143	1.31	%	0.0131	10.92	1095	0.00997
6A-4/25/2001	0	10	cm	6A	25-Apr-01	dibenzo(a,h)anthracene	0	UJ	ug/kg	0	1.31	%	0.0131	0	1123	0
6A-8/12/2003	0	10	cm	6A	12-Aug-03	naphthalene	2004		ug/kg	2.004	5.6	%	0.056	35.79	385	0.09295
6A-8/12/2003	0	10	cm	6A	12-Aug-03	acenaphthylene	1246		ug/kg	1.246	5.6	%	0.056	22.25	452	0.04923
6A-8/12/2003	0	10	cm	6A	12-Aug-03	acenaphthene	857.7		ug/kg	0.8577	5.6	%	0.056	15.32	491	0.03119
6A-8/12/2003	0	10	cm	6A	12-Aug-03	fluorene	576.8		ug/kg	0.5768	5.6	%	0.056	10.3	538	0.01914
6A-8/12/2003	0	10	cm	6A	12-Aug-03	anthracene	773.5		ug/kg	0.7735	5.6	%	0.056	13.81	594	0.02325
6A-8/12/2003	0	10	cm	6A	12-Aug-03	phenanthrene	1274		ug/kg	1.274	5.6	%	0.056	22.75	596	0.03817
6A-8/12/2003	0	10	cm	6A	12-Aug-03	pyrene	1631		ug/kg	1.631	5.6	%	0.056	29.13	697	0.04179
6A-8/12/2003	0	10	cm	6A	12-Aug-03	fluoranthene	982.7		ug/kg	0.9827	5.6	%	0.056	17.55	707	0.02482
6A-8/12/2003	0	10	cm	6A	12-Aug-03	benzo(a)anthracene	480.7		ug/kg	0.4807	5.6	%	0.056	8.584	841	0.01021
6A-8/12/2003	0	10	cm	6A	12-Aug-03	chrysene	506		ug/kg	0.506	5.6	%	0.056	9.036	844	0.01071
6A-8/12/2003	0	10	cm	6A	12-Aug-03	benzo(a)pyrene	355.8		ug/kg	0.3558	5.6	%	0.056	6.354	965	0.00658

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
6A-8/12/2003	0	10	cm	6A	12-Aug-03	benzo(b)fluoranthene	515.6		ug/kg	0.5156	5.6	%	0.056	9.207	979	0.0094
6A-8/12/2003	0	10	cm	6A	12-Aug-03	benzo(k)fluoranthene	213.2	J	ug/kg	0.2132	5.6	%	0.056	3.807	981	0.00388
6A-8/12/2003	0	10	cm	6A	12-Aug-03	benzo(g,h,i)perylene	205.2		ug/kg	0.2052	5.6	%	0.056	3.664	1095	0.00335
6A-8/12/2003	0	10	cm	6A	12-Aug-03	dibenzo(a,h)anthracene	352.2		ug/kg	0.3522	5.6	%	0.056	6.289	1123	0.0056
6a-9/5/2000	0	10	cm	6a	05-Sep-00	naphthalene	284		ug/kg	0.284	1.5	%	0.015	18.93	385	0.04918
6a-9/5/2000	0	10	cm	6a	05-Sep-00	acenaphthylene	3290		ug/kg	3.29	1.5	%	0.015	219.3	452	0.48525
6a-9/5/2000	0	10	cm	6a	05-Sep-00	acenaphthene	1160		ug/kg	1.16	1.5	%	0.015	77.33	491	0.1575
6a-9/5/2000	0	10	cm	6a	05-Sep-00	fluorene	559		ug/kg	0.559	1.5	%	0.015	37.27	538	0.06927
6a-9/5/2000	0	10	cm	6a	05-Sep-00	anthracene	2510		ug/kg	2.51	1.5	%	0.015	167.3	594	0.28171
6a-9/5/2000	0	10	cm	6a	05-Sep-00	phenanthrene	7410		ug/kg	7.41	1.5	%	0.015	494	596	0.82886
6a-9/5/2000	0	10	cm	6a	05-Sep-00	pyrene	10000		ug/kg	10	1.5	%	0.015	666.7	697	0.95648
6a-9/5/2000	0	10	cm	6a	05-Sep-00	fluoranthene	11400		ug/kg	11.4	1.5	%	0.015	760	707	1.07496
6a-9/5/2000	0	10	cm	6a	00-Jan-00	benzo(a)anthracene	4400		ug/kg	4.4	1.5	%	0.015	293.3	841	0.34879
6a-9/5/2000	0	10	cm	6a	05-Sep-00	chrysene	5820		ug/kg	5.82	1.5	%	0.015	388	844	0.45972
6a-9/5/2000	0	10	cm	6a	05-Sep-00	benzo(a)pyrene	3750		ug/kg	3.75	1.5	%	0.015	250	965	0.25907
6a-9/5/2000	0	10	cm	6a	05-Sep-00	benzo(b)fluoranthene	3670		ug/kg	3.67	1.5	%	0.015	244.7	979	0.24991
6a-9/5/2000	0	10	cm	6a	05-Sep-00	benzo(k)fluoranthene	3750		ug/kg	3.75	1.5	%	0.015	250	981	0.25484
6a-9/5/2000	0	10	cm	6a	05-Sep-00	benzo(g,h,i)perylene	1640		ug/kg	1.64	1.5	%	0.015	109.3	1095	0.09985
6a-9/5/2000	0	10	cm	6a	05-Sep-00	dibenzo(a,h)anthracene	431		ug/kg	0.431	1.5	%	0.015	28.73	1123	0.02559
E-4/23/2001	0	10	cm	E	23-Apr-01	naphthalene	819	J	ug/kg	0.819	2.41	%	0.0241	33.98	385	0.08827
E-4/23/2001	0	10	cm	E	23-Apr-01	acenaphthylene	3050	J	ug/kg	3.05	2.41	%	0.0241	126.6	452	0.27999
E-4/23/2001	0	10	cm	E	23-Apr-01	acenaphthene	1590		ug/kg	1.59	2.41	%	0.0241	65.98	491	0.13437
E-4/23/2001	0	10	cm	E	23-Apr-01	fluorene	1520	J	ug/kg	1.52	2.41	%	0.0241	63.07	538	0.11723
E-4/23/2001	0	10	cm	E	23-Apr-01	anthracene	1680	J	ug/kg	1.68	2.41	%	0.0241	69.71	594	0.11736
E-4/23/2001	0	10	cm	E	23-Apr-01	phenanthrene	4310	J	ug/kg	4.31	2.41	%	0.0241	178.8	596	0.30006
E-4/23/2001	0	10	cm	E	23-Apr-01	pyrene	11300	J	ug/kg	11.3	2.41	%	0.0241	468.9	697	0.67271
E-4/23/2001	0	10	cm	E	23-Apr-01	fluoranthene	7620	J	ug/kg	7.62	2.41	%	0.0241	316.2	707	0.44722
E-4/23/2001	0	10	cm	E	23-Apr-01	benzo(a)anthracene	1680		ug/kg	1.68	2.41	%	0.0241	69.71	841	0.08289
E-4/23/2001	0	10	cm	E	23-Apr-01	chrysene	3090	J	ug/kg	3.09	2.41	%	0.0241	128.2	844	0.15191
E-4/23/2001	0	10	cm	E	23-Apr-01	benzo(a)pyrene	2380		ug/kg	2.38	2.41	%	0.0241	98.76	965	0.10234
E-4/23/2001	0	10	cm	E	23-Apr-01	benzo(b)fluoranthene	2410	J	ug/kg	2.41	2.41	%	0.0241	100	979	0.10215
E-4/23/2001	0	10	cm	E	23-Apr-01	benzo(k)fluoranthene	2160		ug/kg	2.16	2.41	%	0.0241	89.63	981	0.09136
E-4/23/2001	0	10	cm	E	23-Apr-01	benzo(g,h,i)perylene	1330	J	ug/kg	1.33	2.41	%	0.0241	55.19	1095	0.0504
E-4/23/2001	0	10	cm	E	23-Apr-01	dibenzo(a,h)anthracene	169	J	ug/kg	0.169	2.41	%	0.0241	7.012	1123	0.00624
E-9/6/2000	0	10	cm	E	06-Sep-00	naphthalene	364		ug/kg	0.364	1.4	%	0.014	26	385	0.06753
E-9/6/2000	0	10	cm	E	06-Sep-00	acenaphthylene	1510		ug/kg	1.51	1.4	%	0.014	107.9	452	0.23862
E-9/6/2000	0	10	cm	E	06-Sep-00	acenaphthene	472		ug/kg	0.472	1.4	%	0.014	33.71	491	0.06866
E-9/6/2000	0	10	cm	E	06-Sep-00	fluorene	560		ug/kg	0.56	1.4	%	0.014	40	538	0.07435
E-9/6/2000	0	10	cm	E	06-Sep-00	anthracene	427		ug/kg	0.427	1.4	%	0.014	30.5	594	0.05135
E-9/6/2000	0	10	cm	E	06-Sep-00	phenanthrene	2170		ug/kg	2.17	1.4	%	0.014	155	596	0.26007
E-9/6/2000	0	10	cm	E	06-Sep-00	pyrene	4080		ug/kg	4.08	1.4	%	0.014	291.4	697	0.41812

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
E-9/6/2000	0	10	cm	E	06-Sep-00	fluoranthene	2130		ug/kg	2.13	1.4	%	0.014	152.1	707	0.21519
E-9/6/2000	0	10	cm	E	06-Sep-00	benzo(a)anthracene	0	U	ug/kg	0	1.4	%	0.014	0	841	0
E-9/6/2000	0	10	cm	E	06-Sep-00	chrysene	434	J	ug/kg	0.434	1.4	%	0.014	31	844	0.03673
E-9/6/2000	0	10	cm	E	06-Sep-00	benzo(a)pyrene	0	U	ug/kg	0	1.4	%	0.014	0	965	0
E-9/6/2000	0	10	cm	E	06-Sep-00	benzo(b)fluoranthene	333		ug/kg	0.333	1.4	%	0.014	23.79	979	0.0243
E-9/6/2000	0	10	cm	E	06-Sep-00	benzo(k)fluoranthene	275		ug/kg	0.275	1.4	%	0.014	19.64	981	0.02002
E-9/6/2000	0	10	cm	E	06-Sep-00	benzo(g,h,i)perylene	656		ug/kg	0.656	1.4	%	0.014	46.86	1095	0.04279
E-9/6/2000	0	10	cm	E	06-Sep-00	dibenzo(a,h)anthracene	64.3		ug/kg	0.0643	1.4	%	0.014	4.593	1123	0.00409
G-4/24/2001	0	10	cm	G	24-Apr-01	naphthalene	49.1	J	ug/kg	0.0491	2.23	%	0.0223	2.202	385	0.00572
G-4/24/2001	0	10	cm	G	24-Apr-01	acenaphthylene	88		ug/kg	0.088	2.23	%	0.0223	3.946	452	0.00873
G-4/24/2001	0	10	cm	G	24-Apr-01	acenaphthene	42.7	J	ug/kg	0.0427	2.23	%	0.0223	1.915	491	0.0039
G-4/24/2001	0	10	cm	G	24-Apr-01	fluorene	28.1		ug/kg	0.0281	2.23	%	0.0223	1.26	538	0.00234
G-4/24/2001	0	10	cm	G	24-Apr-01	anthracene	89.6	J	ug/kg	0.0896	2.23	%	0.0223	4.018	594	0.00676
G-4/24/2001	0	10	cm	G	24-Apr-01	phenanthrene	553	J	ug/kg	0.553	2.23	%	0.0223	24.8	596	0.04161
G-4/24/2001	0	10	cm	G	24-Apr-01	pyrene	1580	J	ug/kg	1.58	2.23	%	0.0223	70.85	697	0.10165
G-4/24/2001	0	10	cm	G	24-Apr-01	fluoranthene	2060		ug/kg	2.06	2.23	%	0.0223	92.38	707	0.13066
G-4/24/2001	0	10	cm	G	24-Apr-01	benzo(a)anthracene	739		ug/kg	0.739	2.23	%	0.0223	33.14	841	0.0394
G-4/24/2001	0	10	cm	G	24-Apr-01	chrysene	1290		ug/kg	1.29	2.23	%	0.0223	57.85	844	0.06854
G-4/24/2001	0	10	cm	G	24-Apr-01	benzo(a)pyrene	793		ug/kg	0.793	2.23	%	0.0223	35.56	965	0.03685
G-4/24/2001	0	10	cm	G	24-Apr-01	benzo(b)fluoranthene	927		ug/kg	0.927	2.23	%	0.0223	41.57	979	0.04246
G-4/24/2001	0	10	cm	G	24-Apr-01	benzo(k)fluoranthene	792		ug/kg	0.792	2.23	%	0.0223	35.52	981	0.0362
G-4/24/2001	0	10	cm	G	24-Apr-01	benzo(g,h,i)perylene	625		ug/kg	0.625	2.23	%	0.0223	28.03	1095	0.0256
G-4/24/2001	0	10	cm	G	24-Apr-01	dibenzo(a,h)anthracene	80.9		ug/kg	0.0809	2.23	%	0.0223	3.628	1123	0.00323
G-9/6/2000	0	10	cm	G	06-Sep-00	naphthalene	0	U	ug/kg	0	2.8	%	0.028	0	385	0
G-9/6/2000	0	10	cm	G	06-Sep-00	acenaphthylene	0	U	ug/kg	0	2.8	%	0.028	0	452	0
G-9/6/2000	0	10	cm	G	06-Sep-00	acenaphthene	160		ug/kg	0.16	2.8	%	0.028	5.714	491	0.01164
G-9/6/2000	0	10	cm	G	06-Sep-00	fluorene	97.9		ug/kg	0.0979	2.8	%	0.028	3.496	538	0.0065
G-9/6/2000	0	10	cm	G	06-Sep-00	anthracene	230		ug/kg	0.23	2.8	%	0.028	8.214	594	0.01383
G-9/6/2000	0	10	cm	G	06-Sep-00	phenanthrene	1240		ug/kg	1.24	2.8	%	0.028	44.29	596	0.0743
G-9/6/2000	0	10	cm	G	06-Sep-00	pyrene	2100		ug/kg	2.1	2.8	%	0.028	75	697	0.1076
G-9/6/2000	0	10	cm	G	06-Sep-00	fluoranthene	2720		ug/kg	2.72	2.8	%	0.028	97.14	707	0.1374
G-9/6/2000	0	10	cm	G	06-Sep-00	benzo(a)anthracene	1070		ug/kg	1.07	2.8	%	0.028	38.21	841	0.04544
G-9/6/2000	0	10	cm	G	06-Sep-00	chrysene	1670		ug/kg	1.67	2.8	%	0.028	59.64	844	0.07067
G-9/6/2000	0	10	cm	G	06-Sep-00	benzo(a)pyrene	1170		ug/kg	1.17	2.8	%	0.028	41.79	965	0.0433
G-9/6/2000	0	10	cm	G	06-Sep-00	benzo(b)fluoranthene	1470		ug/kg	1.47	2.8	%	0.028	52.5	979	0.05363
G-9/6/2000	0	10	cm	G	06-Sep-00	benzo(k)fluoranthene	1310		ug/kg	1.31	2.8	%	0.028	46.79	981	0.04769
G-9/6/2000	0	10	cm	G	06-Sep-00	benzo(g,h,i)perylene	800		ug/kg	0.8	2.8	%	0.028	28.57	1095	0.02609
G-9/6/2000	0	10	cm	G	06-Sep-00	dibenzo(a,h)anthracene	197		ug/kg	0.197	2.8	%	0.028	7.036	1123	0.00627
Q-4/25/2001	0	10	cm	Q	25-Apr-01	naphthalene	244	J	ug/kg	0.244	4.02	%	0.0402	6.07	385	0.01577
Q-4/25/2001	0	10	cm	Q	25-Apr-01	acenaphthylene	1770	J	ug/kg	1.77	4.02	%	0.0402	44.03	452	0.09741
Q-4/25/2001	0	10	cm	Q	25-Apr-01	acenaphthene	99.5		ug/kg	0.0995	4.02	%	0.0402	2.475	491	0.00504

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Table B-5 Addendum
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
Q-4/25/2001	0	10	cm	Q	25-Apr-01	fluorene	131	J	ug/kg	0.131	4.02	%	0.0402	3.259	538	0.00606
Q-4/25/2001	0	10	cm	Q	25-Apr-01	anthracene	1350	J	ug/kg	1.35	4.02	%	0.0402	33.58	594	0.05654
Q-4/25/2001	0	10	cm	Q	25-Apr-01	phenanthrene	914	J	ug/kg	0.914	4.02	%	0.0402	22.74	596	0.03815
Q-4/25/2001	0	10	cm	Q	25-Apr-01	pyrene	4440	J	ug/kg	4.44	4.02	%	0.0402	110.4	697	0.15846
Q-4/25/2001	0	10	cm	Q	25-Apr-01	fluoranthene	84.9	J	ug/kg	0.0849	4.02	%	0.0402	2.112	707	0.00299
Q-4/25/2001	0	10	cm	Q	25-Apr-01	benzo(a)anthracene	991		ug/kg	0.991	4.02	%	0.0402	24.65	841	0.02931
Q-4/25/2001	0	10	cm	Q	25-Apr-01	chrysene	1770	J	ug/kg	1.77	4.02	%	0.0402	44.03	844	0.05217
Q-4/25/2001	0	10	cm	Q	25-Apr-01	benzo(a)pyrene	1050		ug/kg	1.05	4.02	%	0.0402	26.12	965	0.02707
Q-4/25/2001	0	10	cm	Q	25-Apr-01	benzo(b)fluoranthene	1200	J	ug/kg	1.2	4.02	%	0.0402	29.85	979	0.03049
Q-4/25/2001	0	10	cm	Q	25-Apr-01	benzo(k)fluoranthene	1080		ug/kg	1.08	4.02	%	0.0402	26.87	981	0.02739
Q-4/25/2001	0	10	cm	Q	25-Apr-01	benzo(g,h,i)perylene	1130	J	ug/kg	1.13	4.02	%	0.0402	28.11	1095	0.02567
Q-4/25/2001	0	10	cm	Q	25-Apr-01	dibenzo(a,h)anthracene	95.3	J	ug/kg	0.0953	4.02	%	0.0402	2.371	1123	0.00211
Q-9/5/2000	0	10	cm	Q	05-Sep-00	naphthalene	473		ug/kg	0.473	2.3	%	0.023	20.57	385	0.05342
Q-9/5/2000	0	10	cm	Q	05-Sep-00	acenaphthylene	2030		ug/kg	2.03	2.3	%	0.023	88.26	452	0.19527
Q-9/5/2000	0	10	cm	Q	05-Sep-00	acenaphthene	580		ug/kg	0.58	2.3	%	0.023	25.22	491	0.05136
Q-9/5/2000	0	10	cm	Q	05-Sep-00	fluorene	460		ug/kg	0.46	2.3	%	0.023	20	538	0.03717
Q-9/5/2000	0	10	cm	Q	05-Sep-00	anthracene	1490		ug/kg	1.49	2.3	%	0.023	64.78	594	0.10906
Q-9/5/2000	0	10	cm	Q	05-Sep-00	phenanthrene	3400		ug/kg	3.4	2.3	%	0.023	147.8	596	0.24803
Q-9/5/2000	0	10	cm	Q	05-Sep-00	pyrene	4900		ug/kg	4.9	2.3	%	0.023	213	697	0.30566
Q-9/5/2000	0	10	cm	Q	05-Sep-00	fluoranthene	5040		ug/kg	5.04	2.3	%	0.023	219.1	707	0.30994
Q-9/5/2000	0	10	cm	Q	05-Sep-00	benzo(a)anthracene	1860		ug/kg	1.86	2.3	%	0.023	80.87	841	0.09616
Q-9/5/2000	0	10	cm	Q	05-Sep-00	chrysene	3040		ug/kg	3.04	2.3	%	0.023	132.2	844	0.1566
Q-9/5/2000	0	10	cm	Q	05-Sep-00	benzo(a)pyrene	1960		ug/kg	1.96	2.3	%	0.023	85.22	965	0.08831
Q-9/5/2000	0	10	cm	Q	05-Sep-00	benzo(b)fluoranthene	2210		ug/kg	2.21	2.3	%	0.023	96.09	979	0.09815
Q-9/5/2000	0	10	cm	Q	05-Sep-00	benzo(k)fluoranthene	2230		ug/kg	2.23	2.3	%	0.023	96.96	981	0.09883
Q-9/5/2000	0	10	cm	Q	05-Sep-00	benzo(g,h,i)perylene	998		ug/kg	0.998	2.3	%	0.023	43.39	1095	0.03963
Q-9/5/2000	0	10	cm	Q	05-Sep-00	dibenzo(a,h)anthracene	255		ug/kg	0.255	2.3	%	0.023	11.09	1123	0.00987
R-4/26/2001	0	10	cm	R	26-Apr-01	naphthalene	64.1	J	ug/kg	0.0641	2.53	%	0.0253	2.534	385	0.00658
R-4/26/2001	0	10	cm	R	26-Apr-01	acenaphthylene	250		ug/kg	0.25	2.53	%	0.0253	9.881	452	0.02186
R-4/26/2001	0	10	cm	R	26-Apr-01	acenaphthene	169	J	ug/kg	0.169	2.53	%	0.0253	6.68	491	0.0136
R-4/26/2001	0	10	cm	R	26-Apr-01	fluorene	236	J	ug/kg	0.236	2.53	%	0.0253	9.328	538	0.01734
R-4/26/2001	0	10	cm	R	26-Apr-01	anthracene	403	J	ug/kg	0.403	2.53	%	0.0253	15.93	594	0.02682
R-4/26/2001	0	10	cm	R	26-Apr-01	phenanthrene	3910	J	ug/kg	3.91	2.53	%	0.0253	154.5	596	0.2593
R-4/26/2001	0	10	cm	R	26-Apr-01	pyrene	5500	J	ug/kg	5.5	2.53	%	0.0253	217.4	697	0.3119
R-4/26/2001	0	10	cm	R	26-Apr-01	fluoranthene	6460		ug/kg	6.46	2.53	%	0.0253	255.3	707	0.36115
R-4/26/2001	0	10	cm	R	26-Apr-01	benzo(a)anthracene	2260		ug/kg	2.26	2.53	%	0.0253	89.33	841	0.10622
R-4/26/2001	0	10	cm	R	26-Apr-01	chrysene	3540		ug/kg	3.54	2.53	%	0.0253	139.9	844	0.16578
R-4/26/2001	0	10	cm	R	26-Apr-01	benzo(a)pyrene	2300		ug/kg	2.3	2.53	%	0.0253	90.91	965	0.09421
R-4/26/2001	0	10	cm	R	26-Apr-01	benzo(b)fluoranthene	2440		ug/kg	2.44	2.53	%	0.0253	96.44	979	0.09851
R-4/26/2001	0	10	cm	R	26-Apr-01	benzo(k)fluoranthene	2340		ug/kg	2.34	2.53	%	0.0253	92.49	981	0.09428
R-4/26/2001	0	10	cm	R	26-Apr-01	benzo(g,h,i)perylene	1680		ug/kg	1.68	2.53	%	0.0253	66.4	1095	0.06064

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Table B-5 Addendum
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
R-4/26/2001	0	10	cm	R	26-Apr-01	dibenzo(a,h)anthracene	487		ug/kg	0.487	2.53	%	0.0253	19.25	1123	0.01714
R-8/12/2003	0	10	cm	R	12-Aug-03	naphthalene	69.5	J	ug/kg	0.0695	3	%	0.03	2.317	385	0.00602
R-8/12/2003	0	10	cm	R	12-Aug-03	acenaphthylene	62.37	J	ug/kg	0.06237	3	%	0.03	2.079	452	0.0046
R-8/12/2003	0	10	cm	R	12-Aug-03	acenaphthene	90.3		ug/kg	0.0903	3	%	0.03	3.01	491	0.00613
R-8/12/2003	0	10	cm	R	12-Aug-03	fluorene	116.7		ug/kg	0.1167	3	%	0.03	3.89	538	0.00723
R-8/12/2003	0	10	cm	R	12-Aug-03	anthracene	316.7		ug/kg	0.3167	3	%	0.03	10.56	594	0.01777
R-8/12/2003	0	10	cm	R	12-Aug-03	phenanthrene	2375		ug/kg	2.375	3	%	0.03	79.17	596	0.13283
R-8/12/2003	0	10	cm	R	12-Aug-03	pyrene	4104		ug/kg	4.104	3	%	0.03	136.8	697	0.19627
R-8/12/2003	0	10	cm	R	12-Aug-03	fluoranthene	5446		ug/kg	5.446	3	%	0.03	181.5	707	0.25677
R-8/12/2003	0	10	cm	R	12-Aug-03	benzo(a)anthracene	1963		ug/kg	1.963	3	%	0.03	65.43	841	0.0778
R-8/12/2003	0	10	cm	R	12-Aug-03	chrysene	2067		ug/kg	2.067	3	%	0.03	68.9	844	0.08164
R-8/12/2003	0	10	cm	R	12-Aug-03	benzo(a)pyrene	1937		ug/kg	1.937	3	%	0.03	64.57	965	0.06691
R-8/12/2003	0	10	cm	R	12-Aug-03	benzo(b)fluoranthene	2130		ug/kg	2.13	3	%	0.03	71	979	0.07252
R-8/12/2003	0	10	cm	R	12-Aug-03	benzo(k)fluoranthene	1618		ug/kg	1.618	3	%	0.03	53.93	981	0.05498
R-8/12/2003	0	10	cm	R	12-Aug-03	benzo(g,h,i)perylene	1186		ug/kg	1.186	3	%	0.03	39.53	1095	0.0361
R-8/12/2003	0	10	cm	R	12-Aug-03	dibenzo(a,h)anthracene	495.9		ug/kg	0.4959	3	%	0.03	16.53	1123	0.01472
R-9/5/2000	0	10	cm	R	05-Sep-00	naphthalene	67.1		ug/kg	0.0671	1.3	%	0.013	5.162	385	0.01341
R-9/5/2000	0	10	cm	R	05-Sep-00	acenaphthylene	0	U	ug/kg	0	1.3	%	0.013	0	452	0
R-9/5/2000	0	10	cm	R	05-Sep-00	acenaphthene	134		ug/kg	0.134	1.3	%	0.013	10.31	491	0.02099
R-9/5/2000	0	10	cm	R	05-Sep-00	fluorene	173		ug/kg	0.173	1.3	%	0.013	13.31	538	0.02474
R-9/5/2000	0	10	cm	R	05-Sep-00	anthracene	335		ug/kg	0.335	1.3	%	0.013	25.77	594	0.04338
R-9/5/2000	0	10	cm	R	05-Sep-00	phenanthrene	2570		ug/kg	2.57	1.3	%	0.013	197.7	596	0.3317
R-9/5/2000	0	10	cm	R	05-Sep-00	pyrene	3230		ug/kg	3.23	1.3	%	0.013	248.5	697	0.35647
R-9/5/2000	0	10	cm	R	05-Sep-00	fluoranthene	4230		ug/kg	4.23	1.3	%	0.013	325.4	707	0.46023
R-9/5/2000	0	10	cm	R	05-Sep-00	benzo(a)anthracene	1620		ug/kg	1.62	1.3	%	0.013	124.6	841	0.14818
R-9/5/2000	0	10	cm	R	05-Sep-00	chrysene	2400		ug/kg	2.4	1.3	%	0.013	184.6	844	0.21874
R-9/5/2000	0	10	cm	R	05-Sep-00	benzo(a)pyrene	1640		ug/kg	1.64	1.3	%	0.013	126.2	965	0.13073
R-9/5/2000	0	10	cm	R	05-Sep-00	benzo(b)fluoranthene	1820		ug/kg	1.82	1.3	%	0.013	140	979	0.143
R-9/5/2000	0	10	cm	R	05-Sep-00	benzo(k)fluoranthene	1910		ug/kg	1.91	1.3	%	0.013	146.9	981	0.14977
R-9/5/2000	0	10	cm	R	05-Sep-00	benzo(g,h,i)perylene	1000		ug/kg	1	1.3	%	0.013	76.92	1095	0.07025
R-9/5/2000	0	10	cm	R	05-Sep-00	dibenzo(a,h)anthracene	275		ug/kg	0.275	1.3	%	0.013	21.15	1123	0.01884
S-4/24/2001	0	10	cm	S	24-Apr-01	naphthalene	3690		ug/kg	3.69	3.48	%	0.0348	106	385	0.27541
S-4/24/2001	0	10	cm	S	24-Apr-01	acenaphthylene	12500		ug/kg	12.5	3.48	%	0.0348	359.2	452	0.79468
S-4/24/2001	0	10	cm	S	24-Apr-01	acenaphthene	9830		ug/kg	9.83	3.48	%	0.0348	282.5	491	0.5753
S-4/24/2001	0	10	cm	S	24-Apr-01	fluorene	4970		ug/kg	4.97	3.48	%	0.0348	142.8	538	0.26546
S-4/24/2001	0	10	cm	S	24-Apr-01	anthracene	6520	J	ug/kg	6.52	3.48	%	0.0348	187.4	594	0.31541
S-4/24/2001	0	10	cm	S	24-Apr-01	phenanthrene	14700	J	ug/kg	14.7	3.48	%	0.0348	422.4	596	0.70875
S-4/24/2001	0	10	cm	S	24-Apr-01	pyrene	41600	J	ug/kg	41.6	3.48	%	0.0348	1195	697	1.71507
S-4/24/2001	0	10	cm	S	24-Apr-01	fluoranthene	269		ug/kg	0.269	3.48	%	0.0348	7.73	707	0.01093
S-4/24/2001	0	10	cm	S	24-Apr-01	benzo(a)anthracene	2440		ug/kg	2.44	3.48	%	0.0348	70.11	841	0.08337
S-4/24/2001	0	10	cm	S	24-Apr-01	chrysene	3440		ug/kg	3.44	3.48	%	0.0348	98.85	844	0.11712

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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
S-4/24/2001	0	10	cm	S	24-Apr-01	benzo(a)pyrene	3510		ug/kg	3.51	3.48	%	0.0348	100.9	965	0.10452
S-4/24/2001	0	10	cm	S	24-Apr-01	benzo(b)fluoranthene	1970		ug/kg	1.97	3.48	%	0.0348	56.61	979	0.05782
S-4/24/2001	0	10	cm	S	24-Apr-01	benzo(k)fluoranthene	1710		ug/kg	1.71	3.48	%	0.0348	49.14	981	0.05009
S-4/24/2001	0	10	cm	S	24-Apr-01	benzo(g,h,i)perylene	9250		ug/kg	9.25	3.48	%	0.0348	265.8	1095	0.24274
S-4/24/2001	0	10	cm	S	24-Apr-01	dibenzo(a,h)anthracene	0	U	ug/kg	0	3.48	%	0.0348	0	1123	0
S-9/5/2000	0	10	cm	S	05-Sep-00	naphthalene	174		ug/kg	0.174	1.7	%	0.017	10.24	385	0.02659
S-9/5/2000	0	10	cm	S	05-Sep-00	acenaphthylene	471		ug/kg	0.471	1.7	%	0.017	27.71	452	0.0613
S-9/5/2000	0	10	cm	S	05-Sep-00	acenaphthene	230		ug/kg	0.23	1.7	%	0.017	13.53	491	0.02755
S-9/5/2000	0	10	cm	S	05-Sep-00	fluorene	260		ug/kg	0.26	1.7	%	0.017	15.29	538	0.02843
S-9/5/2000	0	10	cm	S	05-Sep-00	anthracene	184		ug/kg	0.184	1.7	%	0.017	10.82	594	0.01822
S-9/5/2000	0	10	cm	S	05-Sep-00	phenanthrene	1020		ug/kg	1.02	1.7	%	0.017	60	596	0.10067
S-9/5/2000	0	10	cm	S	05-Sep-00	pyrene	1900		ug/kg	1.9	1.7	%	0.017	111.8	697	0.16035
S-9/5/2000	0	10	cm	S	05-Sep-00	fluoranthene	1070		ug/kg	1.07	1.7	%	0.017	62.94	707	0.08903
S-9/5/2000	0	10	cm	S	05-Sep-00	benzo(a)anthracene	0	U	ug/kg	0	1.7	%	0.017	0	841	0
S-9/5/2000	0	10	cm	S	05-Sep-00	chrysene	423		ug/kg	0.423	1.7	%	0.017	24.88	844	0.02948
S-9/5/2000	0	10	cm	S	05-Sep-00	benzo(a)pyrene	0	U	ug/kg	0	1.7	%	0.017	0	965	0
S-9/5/2000	0	10	cm	S	05-Sep-00	benzo(b)fluoranthene	293		ug/kg	0.293	1.7	%	0.017	17.24	979	0.0176
S-9/5/2000	0	10	cm	S	05-Sep-00	benzo(k)fluoranthene	296		ug/kg	0.296	1.7	%	0.017	17.41	981	0.01775
S-9/5/2000	0	10	cm	S	05-Sep-00	benzo(g,h,i)perylene	450		ug/kg	0.45	1.7	%	0.017	26.47	1095	0.02417
S-9/5/2000	0	10	cm	S	05-Sep-00	dibenzo(a,h)anthracene	41.1		ug/kg	0.0411	1.7	%	0.017	2.418	1123	0.00215
T-4/25/2001	0	10	cm	T	25-Apr-01	naphthalene	0	UJ	ug/kg	0	2.19	%	0.0219	0	385	0
T-4/25/2001	0	10	cm	T	25-Apr-01	acenaphthylene	376	J	ug/kg	0.376	2.19	%	0.0219	17.17	452	0.03798
T-4/25/2001	0	10	cm	T	25-Apr-01	acenaphthene	180		ug/kg	0.18	2.19	%	0.0219	8.219	491	0.01674
T-4/25/2001	0	10	cm	T	25-Apr-01	fluorene	222	J	ug/kg	0.222	2.19	%	0.0219	10.14	538	0.01884
T-4/25/2001	0	10	cm	T	25-Apr-01	anthracene	326	J	ug/kg	0.326	2.19	%	0.0219	14.89	594	0.02506
T-4/25/2001	0	10	cm	T	25-Apr-01	phenanthrene	1110	J	ug/kg	1.11	2.19	%	0.0219	50.68	596	0.08504
T-4/25/2001	0	10	cm	T	25-Apr-01	pyrene	2740	J	ug/kg	2.74	2.19	%	0.0219	125.1	697	0.1795
T-4/25/2001	0	10	cm	T	25-Apr-01	fluoranthene	3490	J	ug/kg	3.49	2.19	%	0.0219	159.4	707	0.2254
T-4/25/2001	0	10	cm	T	25-Apr-01	benzo(a)anthracene	1240		ug/kg	1.24	2.19	%	0.0219	56.62	841	0.06733
T-4/25/2001	0	10	cm	T	25-Apr-01	chrysene	2300	J	ug/kg	2.3	2.19	%	0.0219	105	844	0.12443
T-4/25/2001	0	10	cm	T	25-Apr-01	benzo(a)pyrene	1490		ug/kg	1.49	2.19	%	0.0219	68.04	965	0.0705
T-4/25/2001	0	10	cm	T	25-Apr-01	benzo(b)fluoranthene	1620	J	ug/kg	1.62	2.19	%	0.0219	73.97	979	0.07556
T-4/25/2001	0	10	cm	T	25-Apr-01	benzo(k)fluoranthene	1520		ug/kg	1.52	2.19	%	0.0219	69.41	981	0.07075
T-4/25/2001	0	10	cm	T	25-Apr-01	benzo(g,h,i)perylene	621	J	ug/kg	0.621	2.19	%	0.0219	28.36	1095	0.0259
T-4/25/2001	0	10	cm	T	25-Apr-01	dibenzo(a,h)anthracene	138	J	ug/kg	0.138	2.19	%	0.0219	6.301	1123	0.00561
T-9/5/2000	0	10	cm	T	05-Sep-00	naphthalene	212		ug/kg	0.212	2.1	%	0.021	10.1	385	0.02622
T-9/5/2000	0	10	cm	T	05-Sep-00	acenaphthylene	521		ug/kg	0.521	2.1	%	0.021	24.81	452	0.05489
T-9/5/2000	0	10	cm	T	05-Sep-00	acenaphthene	96.4		ug/kg	0.0964	2.1	%	0.021	4.59	491	0.00935
T-9/5/2000	0	10	cm	T	05-Sep-00	fluorene	153		ug/kg	0.153	2.1	%	0.021	7.286	538	0.01354
T-9/5/2000	0	10	cm	T	05-Sep-00	anthracene	264		ug/kg	0.264	2.1	%	0.021	12.57	594	0.02116
T-9/5/2000	0	10	cm	T	05-Sep-00	phenanthrene	745		ug/kg	0.745	2.1	%	0.021	35.48	596	0.05952

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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
T-9/5/2000	0	10	cm	T	05-Sep-00	pyrene	1550		ug/kg	1.55	2.1	%	0.021	73.81	697	0.1059
T-9/5/2000	0	10	cm	T	05-Sep-00	fluoranthene	1710		ug/kg	1.71	2.1	%	0.021	81.43	707	0.11517
T-9/5/2000	0	10	cm	T	05-Sep-00	benzo(a)anthracene	716		ug/kg	0.716	2.1	%	0.021	34.1	841	0.04054
T-9/5/2000	0	10	cm	T	05-Sep-00	chrysene	1160		ug/kg	1.16	2.1	%	0.021	55.24	844	0.06545
T-9/5/2000	0	10	cm	T	05-Sep-00	benzo(a)pyrene	830		ug/kg	0.83	2.1	%	0.021	39.52	965	0.04096
T-9/5/2000	0	10	cm	T	05-Sep-00	benzo(b)fluoranthene	1020		ug/kg	1.02	2.1	%	0.021	48.57	979	0.04961
T-9/5/2000	0	10	cm	T	05-Sep-00	benzo(k)fluoranthene	1010		ug/kg	1.01	2.1	%	0.021	48.1	981	0.04903
T-9/5/2000	0	10	cm	T	05-Sep-00	benzo(g,h,i)perylene	595		ug/kg	0.595	2.1	%	0.021	28.33	1095	0.02588
T-9/5/2000	0	10	cm	T	05-Sep-00	dibenzo(a,h)anthracene	130		ug/kg	0.13	2.1	%	0.021	6.19	1123	0.00551
U-4/24/2001	0	10	cm	U	24-Apr-01	naphthalene	41.2	J	ug/kg	0.0412	1.49	%	0.0149	2.765	385	0.00718
U-4/24/2001	0	10	cm	U	24-Apr-01	acenaphthylene	44.3		ug/kg	0.0443	1.49	%	0.0149	2.973	452	0.00658
U-4/24/2001	0	10	cm	U	24-Apr-01	acenaphthene	35.1	J	ug/kg	0.0351	1.49	%	0.0149	2.356	491	0.0048
U-4/24/2001	0	10	cm	U	24-Apr-01	fluorene	18.1		ug/kg	0.0181	1.49	%	0.0149	1.215	538	0.00226
U-4/24/2001	0	10	cm	U	24-Apr-01	anthracene	23.2	J	ug/kg	0.0232	1.49	%	0.0149	1.557	594	0.00262
U-4/24/2001	0	10	cm	U	24-Apr-01	phenanthrene	56.4	J	ug/kg	0.0564	1.49	%	0.0149	3.785	596	0.00635
U-4/24/2001	0	10	cm	U	24-Apr-01	pyrene	149	J	ug/kg	0.149	1.49	%	0.0149	10	697	0.01435
U-4/24/2001	0	10	cm	U	24-Apr-01	fluoranthene	76.4		ug/kg	0.0764	1.49	%	0.0149	5.128	707	0.00725
U-4/24/2001	0	10	cm	U	24-Apr-01	benzo(a)anthracene	0	U	ug/kg	0	1.49	%	0.0149	0	841	0
U-4/24/2001	0	10	cm	U	24-Apr-01	chrysene	0	R	ug/kg	0	1.49	%	0.0149	0	844	0
U-4/24/2001	0	10	cm	U	24-Apr-01	benzo(a)pyrene	0	R	ug/kg	0	1.49	%	0.0149	0	965	0
U-4/24/2001	0	10	cm	U	24-Apr-01	benzo(b)fluoranthene	0	R	ug/kg	0	1.49	%	0.0149	0	979	0
U-4/24/2001	0	10	cm	U	24-Apr-01	benzo(k)fluoranthene	0	U	ug/kg	0	1.49	%	0.0149	0	981	0
U-4/24/2001	0	10	cm	U	24-Apr-01	benzo(g,h,i)perylene	0	R	ug/kg	0	1.49	%	0.0149	0	1095	0
U-4/24/2001	0	10	cm	U	24-Apr-01	dibenzo(a,h)anthracene	0	U	ug/kg	0	1.49	%	0.0149	0	1123	0
U-9/6/2000	0	10	cm	U	06-Sep-00	naphthalene	97		ug/kg	0.097	1.8	%	0.018	5.389	385	0.014
U-9/6/2000	0	10	cm	U	06-Sep-00	acenaphthylene	332		ug/kg	0.332	1.8	%	0.018	18.44	452	0.04081
U-9/6/2000	0	10	cm	U	06-Sep-00	acenaphthene	68.5		ug/kg	0.0685	1.8	%	0.018	3.806	491	0.00775
U-9/6/2000	0	10	cm	U	06-Sep-00	fluorene	125		ug/kg	0.125	1.8	%	0.018	6.944	538	0.01291
U-9/6/2000	0	10	cm	U	06-Sep-00	anthracene	119		ug/kg	0.119	1.8	%	0.018	6.611	594	0.01113
U-9/6/2000	0	10	cm	U	06-Sep-00	phenanthrene	346		ug/kg	0.346	1.8	%	0.018	19.22	596	0.03225
U-9/6/2000	0	10	cm	U	06-Sep-00	pyrene	507		ug/kg	0.507	1.8	%	0.018	28.17	697	0.04041
U-9/6/2000	0	10	cm	U	06-Sep-00	fluoranthene	337		ug/kg	0.337	1.8	%	0.018	18.72	707	0.02648
U-9/6/2000	0	10	cm	U	06-Sep-00	benzo(a)anthracene	0	U	ug/kg	0	1.8	%	0.018	0	841	0
U-9/6/2000	0	10	cm	U	06-Sep-00	chrysene	254		ug/kg	0.254	1.8	%	0.018	14.11	844	0.01672
U-9/6/2000	0	10	cm	U	06-Sep-00	benzo(a)pyrene	0	U	ug/kg	0	1.8	%	0.018	0	965	0
U-9/6/2000	0	10	cm	U	06-Sep-00	benzo(b)fluoranthene	147		ug/kg	0.147	1.8	%	0.018	8.167	979	0.00834
U-9/6/2000	0	10	cm	U	06-Sep-00	benzo(k)fluoranthene	163		ug/kg	0.163	1.8	%	0.018	9.056	981	0.00923
U-9/6/2000	0	10	cm	U	06-Sep-00	benzo(g,h,i)perylene	106		ug/kg	0.106	1.8	%	0.018	5.889	1095	0.00538
U-9/6/2000	0	10	cm	U	06-Sep-00	dibenzo(a,h)anthracene	0	U	ug/kg	0	1.8	%	0.018	0	1123	0
V-4/23/2001	0	10	cm	V	23-Apr-01	naphthalene	585		ug/kg	0.585	2.6	%	0.026	22.5	385	0.05844
V-4/23/2001	0	10	cm	V	23-Apr-01	acenaphthylene	1860	J	ug/kg	1.86	2.6	%	0.026	71.54	452	0.15827

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
V-4/23/2001	0	10	cm	V	23-Apr-01	acenaphthene	900		ug/kg	0.9	2.6	%	0.026	34.62	491	0.0705
V-4/23/2001	0	10	cm	V	23-Apr-01	fluorene	802	J	ug/kg	0.802	2.6	%	0.026	30.85	538	0.05733
V-4/23/2001	0	10	cm	V	23-Apr-01	anthracene	774	J	ug/kg	0.774	2.6	%	0.026	29.77	594	0.05012
V-4/23/2001	0	10	cm	V	23-Apr-01	phenanthrene	2380	J	ug/kg	2.38	2.6	%	0.026	91.54	596	0.15359
V-4/23/2001	0	10	cm	V	23-Apr-01	pyrene	5650	J	ug/kg	5.65	2.6	%	0.026	217.3	697	0.31178
V-4/23/2001	0	10	cm	V	23-Apr-01	fluoranthene	4010	J	ug/kg	4.01	2.6	%	0.026	154.2	707	0.21815
V-4/23/2001	0	10	cm	V	23-Apr-01	benzo(a)anthracene	807		ug/kg	0.807	2.6	%	0.026	31.04	841	0.03691
V-4/23/2001	0	10	cm	V	23-Apr-01	chrysene	1580	J	ug/kg	1.58	2.6	%	0.026	60.77	844	0.072
V-4/23/2001	0	10	cm	V	23-Apr-01	benzo(a)pyrene	1300		ug/kg	1.3	2.6	%	0.026	50	965	0.05181
V-4/23/2001	0	10	cm	V	23-Apr-01	benzo(b)fluoranthene	1080	J	ug/kg	1.08	2.6	%	0.026	41.54	979	0.04243
V-4/23/2001	0	10	cm	V	23-Apr-01	benzo(k)fluoranthene	1100		ug/kg	1.1	2.6	%	0.026	42.31	981	0.04313
V-4/23/2001	0	10	cm	V	23-Apr-01	benzo(g,h,i)perylene	1070	J	ug/kg	1.07	2.6	%	0.026	41.15	1095	0.03758
V-4/23/2001	0	10	cm	V	23-Apr-01	dibenzo(a,h)anthracene	127	J	ug/kg	0.127	2.6	%	0.026	4.885	1123	0.00435
V-9/5/2000	0	10	cm	V	05-Sep-00	naphthalene	903		ug/kg	0.903	2.7	%	0.027	33.44	385	0.08687
V-9/5/2000	0	10	cm	V	05-Sep-00	acenaphthylene	2070		ug/kg	2.07	2.7	%	0.027	76.67	452	0.16962
V-9/5/2000	0	10	cm	V	05-Sep-00	acenaphthene	1550		ug/kg	1.55	2.7	%	0.027	57.41	491	0.11692
V-9/5/2000	0	10	cm	V	05-Sep-00	fluorene	824		ug/kg	0.824	2.7	%	0.027	30.52	538	0.05673
V-9/5/2000	0	10	cm	V	05-Sep-00	anthracene	803		ug/kg	0.803	2.7	%	0.027	29.74	594	0.05007
V-9/5/2000	0	10	cm	V	05-Sep-00	phenanthrene	3520		ug/kg	3.52	2.7	%	0.027	130.4	596	0.21874
V-9/5/2000	0	10	cm	V	05-Sep-00	pyrene	7450		ug/kg	7.45	2.7	%	0.027	275.9	697	0.39588
V-9/5/2000	0	10	cm	V	05-Sep-00	fluoranthene	3840		ug/kg	3.84	2.7	%	0.027	142.2	707	0.20116
V-9/5/2000	0	10	cm	V	05-Sep-00	benzo(a)anthracene	550		ug/kg	0.55	2.7	%	0.027	20.37	841	0.02422
V-9/5/2000	0	10	cm	V	05-Sep-00	chrysene	1040		ug/kg	1.04	2.7	%	0.027	38.52	844	0.04564
V-9/5/2000	0	10	cm	V	05-Sep-00	benzo(a)pyrene	1160		ug/kg	1.16	2.7	%	0.027	42.96	965	0.04452
V-9/5/2000	0	10	cm	V	05-Sep-00	benzo(b)fluoranthene	970		ug/kg	0.97	2.7	%	0.027	35.93	979	0.0367
V-9/5/2000	0	10	cm	V	05-Sep-00	benzo(k)fluoranthene	835		ug/kg	0.835	2.7	%	0.027	30.93	981	0.03152
V-9/5/2000	0	10	cm	V	05-Sep-00	benzo(g,h,i)perylene	1370		ug/kg	1.37	2.7	%	0.027	50.74	1095	0.04634
V-9/5/2000	0	10	cm	V	05-Sep-00	dibenzo(a,h)anthracene	109		ug/kg	0.109	2.7	%	0.027	4.037	1123	0.00359
Y-4/26/2001	0	10	cm	Y	26-Apr-01	naphthalene	35.9	J	ug/kg	0.0359	1.26	%	0.0126	2.849	385	0.0074
Y-4/26/2001	0	10	cm	Y	26-Apr-01	acenaphthylene	59		ug/kg	0.059	1.26	%	0.0126	4.683	452	0.01036
Y-4/26/2001	0	10	cm	Y	26-Apr-01	acenaphthene	2.47	J	ug/kg	0.00247	1.26	%	0.0126	0.196	491	0.0004
Y-4/26/2001	0	10	cm	Y	26-Apr-01	fluorene	18.1		ug/kg	0.0181	1.26	%	0.0126	1.437	538	0.00267
Y-4/26/2001	0	10	cm	Y	26-Apr-01	anthracene	34.1	J	ug/kg	0.0341	1.26	%	0.0126	2.706	594	0.00456
Y-4/26/2001	0	10	cm	Y	26-Apr-01	phenanthrene	264	J	ug/kg	0.264	1.26	%	0.0126	20.95	596	0.03516
Y-4/26/2001	0	10	cm	Y	26-Apr-01	pyrene	429	J	ug/kg	0.429	1.26	%	0.0126	34.05	697	0.04885
Y-4/26/2001	0	10	cm	Y	26-Apr-01	fluoranthene	518		ug/kg	0.518	1.26	%	0.0126	41.11	707	0.05815
Y-4/26/2001	0	10	cm	Y	26-Apr-01	benzo(a)anthracene	189		ug/kg	0.189	1.26	%	0.0126	15	841	0.01784
Y-4/26/2001	0	10	cm	Y	26-Apr-01	chrysene	397		ug/kg	0.397	1.26	%	0.0126	31.51	844	0.03733
Y-4/26/2001	0	10	cm	Y	26-Apr-01	benzo(a)pyrene	222		ug/kg	0.222	1.26	%	0.0126	17.62	965	0.01826
Y-4/26/2001	0	10	cm	Y	26-Apr-01	benzo(b)fluoranthene	255		ug/kg	0.255	1.26	%	0.0126	20.24	979	0.02067
Y-4/26/2001	0	10	cm	Y	26-Apr-01	benzo(k)fluoranthene	223		ug/kg	0.223	1.26	%	0.0126	17.7	981	0.01804

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	Qual	result unit	result value as ug/gsum	TOC	TOC Unit	FOC	Coc	Coc PAH FCV	ESBTU
Y-4/26/2001	0	10	cm	Y	26-Apr-01	benzo(g,h,i)perylene	167		ug/kg	0.167	1.26	%	0.0126	13.25	1095	0.0121
Y-4/26/2001	0	10	cm	Y	26-Apr-01	dibenzo(a,h)anthracene	0	U	ug/kg	0	1.26	%	0.0126	0	1123	0
Y-9/6/2000	0	10	cm	Y	06-Sep-00	naphthalene	41500		ug/kg	41.5	18.6	%	0.186	223.1	385	0.57953
Y-9/6/2000	0	10	cm	Y	06-Sep-00	acenaphthylene	31000		ug/kg	31	18.6	%	0.186	166.7	452	0.36873
Y-9/6/2000	0	10	cm	Y	06-Sep-00	acenaphthene	19200		ug/kg	19.2	18.6	%	0.186	103.2	491	0.21024
Y-9/6/2000	0	10	cm	Y	06-Sep-00	fluorene	12000		ug/kg	12	18.6	%	0.186	64.52	538	0.11992
Y-9/6/2000	0	10	cm	Y	06-Sep-00	anthracene	14000		ug/kg	14	18.6	%	0.186	75.27	594	0.12672
Y-9/6/2000	0	10	cm	Y	06-Sep-00	phenanthrene	46800		ug/kg	46.8	18.6	%	0.186	251.6	596	0.42217
Y-9/6/2000	0	10	cm	Y	06-Sep-00	pyrene	15700		ug/kg	15.7	18.6	%	0.186	84.41	697	0.1211
Y-9/6/2000	0	10	cm	Y	06-Sep-00	fluoranthene	9810		ug/kg	9.81	18.6	%	0.186	52.74	707	0.0746
Y-9/6/2000	0	10	cm	Y	06-Sep-00	benzo(a)anthracene	3260		ug/kg	3.26	18.6	%	0.186	17.53	841	0.02084
Y-9/6/2000	0	10	cm	Y	06-Sep-00	chrysene	6150		ug/kg	6.15	18.6	%	0.186	33.06	844	0.03918
Y-9/6/2000	0	10	cm	Y	06-Sep-00	benzo(a)pyrene	0	U	ug/kg	0	18.6	%	0.186	0	965	0
Y-9/6/2000	0	10	cm	Y	06-Sep-00	benzo(b)fluoranthene	0	U	ug/kg	0	18.6	%	0.186	0	979	0
Y-9/6/2000	0	10	cm	Y	06-Sep-00	benzo(k)fluoranthene	0	U	ug/kg	0	18.6	%	0.186	0	981	0
Y-9/6/2000	0	10	cm	Y	06-Sep-00	benzo(g,h,i)perylene	0	U	ug/kg	0	18.6	%	0.186	0	1095	0
Y-9/6/2000	0	10	cm	Y	06-Sep-00	dibenzo(a,h)anthracene	0	U	ug/kg	0	18.6	%	0.186	0	1123	0

Notes
U - Non Detect. Value is 0 for ESB calculation.

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Table B-5 Addendum
Calculation of PAH ESB Results in Surface Sediment
1b

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	cnt pah	Sum of ESBTU	final sum ESBTU (Corrected)
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	15	2.7579	5.10
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	15	2.8397	5.25
3-9/6/2000	0	10	cm	3	06-Sep-00	15	2.5889	4.79
3-4/24/2001	0	10	cm	3	24-Apr-01	15	9.7961	18.11
3-8/12/2003	0	10	cm	3	12-Aug-03	15	0.5449	1.01
5-9/5/2000	0	10	cm	5	05-Sep-00	15	0.4359	0.81
5-4/24/2001	0	10	cm	5	24-Apr-01	15	3.1698	5.86
7-9/6/2000	0	10	cm	7	06-Sep-00	15	0.4500	0.83
7-4/26/2001	0	10	cm	7	26-Apr-01	15	0.5263	0.97
7-8/12/2003	0	10	cm	7	12-Aug-03	15	0.0691	0.13
4a-9/5/2000	0	10	cm	4A	05-Sep-00	15	0.6626	1.23
4A-4/24/2001	0	10	cm	4A	24-Apr-01	15	0.7669	1.42
4A-8/12/2003	0	10	cm	4A	12-Aug-03	15	0.2424	0.45
6a-9/5/2000	0	10	cm	6a	05-Sep-00	15	5.6010	10.36
6A-4/25/2001	0	10	cm	6A	25-Apr-01	15	0.6724	1.24
6A-8/12/2003	0	10	cm	6A	12-Aug-03	15	0.3703	0.68
E-9/6/2000	0	10	cm	E	06-Sep-00	15	1.5218	2.81
E-4/23/2001	0	10	cm	E	23-Apr-01	15	2.7445	5.07
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	34	0.2215	0.22
G-9/6/2000	0	10	cm	G	06-Sep-00	15	0.6444	1.19
G-4/24/2001	0	10	cm	G	24-Apr-01	15	0.5537	1.02
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	34	0.8251	0.83
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	34	0.6329	0.63
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	34	2.4982	2.50
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	34	6.3623	6.36
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	34	1.3631	1.36
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	34	3.4898	3.49
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	34	3.4642	3.46
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	34	0.7153	0.72
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	34	0.3430	0.34
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	34	8.4836	8.48
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	34	1.8959	1.90
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	34	6.4787	6.48
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	34	0.0037	0.00
Q-9/5/2000	0	10	cm	Q	05-Sep-00	15	1.8975	3.51
Q-4/25/2001	0	10	cm	Q	25-Apr-01	15	0.5746	1.06
R-9/5/2000	0	10	cm	R	05-Sep-00	15	2.1304	3.94
R-4/26/2001	0	10	cm	R	26-Apr-01	15	1.6553	3.06
R-8/12/2003	0	10	cm	R	12-Aug-03	15	1.0323	1.91
S-9/5/2000	0	10	cm	S	05-Sep-00	15	0.6033	1.12
S-4/24/2001	0	10	cm	S	24-Apr-01	15	5.3167	9.83
T-9/5/2000	0	10	cm	T	05-Sep-00	15	0.6827	1.26
T-4/25/2001	0	10	cm	T	25-Apr-01	15	1.0287	1.90
U-9/6/2000	0	10	cm	U	06-Sep-00	15	0.2254	0.42
U-4/24/2001	0	10	cm	U	24-Apr-01	15	0.0514	0.10
V-9/5/2000	0	10	cm	V	05-Sep-00	15	1.5285	2.83
V-4/23/2001	0	10	cm	V	23-Apr-01	15	1.3664	2.53
Y-9/6/2000	0	10	cm	Y	06-Sep-00	15	2.0830	3.85
Y-4/26/2001	0	10	cm	Y	26-Apr-01	15	0.2918	0.54

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Table B-5 Addendum
Calculation of PAH ESB Results in Porewater
2a

Step 1				1			2		3	4
sys sample code	sys loc code	sample date	chemical	result value Cporewater (ug/L)	qual	solubility (ug/l)	result Cporewater (ug/L) solubility adjusted (result>solublity?)	FCV (ug/l)	PAH IWTU (Cporewater / FCV)	PAH IWTU solubility adjusted (sol adjusted Cporewater / FCV)
PB023-IPW011-N-after PW	PB-023	31-Jul-07	acenaphthene	0.29		3800	0.29	55.85	0.00519	0.00519248
PB023-IPW011-N-after PW	PB-023	31-Jul-07	acenaphthylene	1.3		16314	1.3	306.9	0.00424	0.004235907
PB023-IPW011-N-after PW	PB-023	31-Jul-07	anthracene	0.41		45	0.41	20.73	0.01978	0.019778099
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(a)anthracene	0.29		11	0.29	2.227	0.13022	0.130220027
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(a)pyrene	0.25		3.81	0.25	0.9573	0.26115	0.261151154
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(b)fluoranthene	0.35		1.501	0.35	0.6774	0.51668	0.516681429
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(e)pyrene	0.22		4.012	0.22	0.9008	0.24423	0.244227353
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(g,h,i)perylene	0.29		0.26	0.26	0.4391	0.66044	0.592120246
PB023-IPW011-N PW	PB-023	3-Aug-07	benzo(k)fluoranthene	0	U	0.7999	2	0.6415	0	0
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-chrysenes	0.4			0.4	0.8557	0.46745	0.467453547
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-fluoranthene/Pyrene	1.4			1.4	4.887	0.28647	0.28647432
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-fluorenes	0.88			0.88	13.99	0.0629	0.062902073
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-naphthalenes	0.6			0.6	81.69	0.00734	0.00734484
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-phenanthrenes/Anthracenes	0.97			0.97	7.436	0.13045	0.130446477
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-chrysenes	0.2			0.2	0.4827	0.41434	0.414336027
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-fluorenes	1.4			1.4	5.305	0.2639	0.263901979
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-naphthalenes	2.1			2.1	30.24	0.06944	0.069444444
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-phenanthrenes/Anthracenes	0.81			0.81	3.199	0.2532	0.253204126
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C3-chrysenes	0.22			0.22	0.1675	1.31343	1.313432836
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C3-fluorenes	2.6			2.6	1.916	1.35699	1.356993737
PB023-IPW011-N PW	PB-023	3-Aug-07	C3-naphthalenes	0	U		3	11.1	0	0
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C3-phenanthrenes/Anthracenes	0.76			0.76	1.256	0.6051	0.605095541
PB023-IPW011-N PW	PB-023	3-Aug-07	C4-chrysenes	0	U		4	0.07062	0	0
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C4-naphthalenes	1.7			1.7	4.048	0.41996	0.419960474
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C4-phenanthrenes/Anthracenes	0.9			0.9	0.5594	1.60887	1.608866643
PB023-IPW011-N-after PW	PB-023	31-Jul-07	chrysene	0.26		2	0.26	2.042	0.12733	0.127326151
PB023-IPW011-N-after PW	PB-023	31-Jul-07	dibenzo(a,h)anthracene	0.037		0.6012	0.037	0.2825	0.13097	0.130973451
PB023-IPW011-N-after PW	PB-023	31-Jul-07	fluoranthene	1.2		239.9	1.2	7.109	0.1688	0.168800113
PB023-IPW011-N-after PW	PB-023	31-Jul-07	fluorene	0.37		1900	0.37	39.3	0.00941	0.009414758
PB023-IPW011-N-after PW	PB-023	31-Jul-07	indeno(1,2,3-cd)pyrene	0.016	J		0.016	0.275	0.05818	0.058181818
PB023-IPW011-N-after PW	PB-023	31-Jul-07	naphthalene	0.64		30995	0.64	193.5	0.00331	0.003307494
PB023-IPW011-N-after PW	PB-023	31-Jul-07	perylene	0.043		0.4012	0.043	0.9008	0.04774	0.047735346
PB023-IPW011-N-after PW	PB-023	31-Jul-07	phenanthrene	0.69		1100	0.69	19.13	0.03607	0.036069002
PB023-IPW011-N-after PW	PB-023	31-Jul-07	pyrene	2.3		131.9	2.3	10.11	0.2275	0.227497527
Step 2									Sum IWTU	9.84276942
									Number of PAH	34
Step 3									Correction Factor	1
									Final Sum IWTU	9.84276942

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Notes
Solubility - from ESB guidance (EPA 2003)
Solubility adjustment - If Result Value is greater than solubility; result is replaced with solubililty.
FCV - Final Chronic Value, from Table 3-4 of ESB guidance (EPA 2003)
Correction Factor - For those samples with 15 PAHs, a correction factor of 1.849 is multiplied by the Sum ESBTU. No adjustment is required for 34 standard PAH.

Table B-5 Addendum
Calculation of PAH ESB Results in Porewater
2a

sys sample code	sys loc code	sample date	chemical	result Cporewater (ug/L)	qual	solubility (ug/L)	result Cporewater (ug/L) solubility adjusted	FCV (ug/L)	PAH IWTU	PAH IWTU solubility adjusted
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	acenaphthene	0.062		3800	0.062	55.85	0.00111	0.00111012
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	acenaphthylene	0.13		16314	0.13	306.9	0.00042	0.00042359
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	anthracene	0.079		45	0.079	20.73	0.00381	0.0038109
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	benzo(a)anthracene	0.051		11	0.051	2.227	0.0229	0.02290076
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	benzo(a)pyrene	0.068		3.81	0.068	0.9573	0.07103	0.07103311
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	benzo(b)fluoranthene	0.09		1.501	0.09	0.6774	0.13286	0.13286094
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	benzo(e)pyrene	0.069		4.012	0.069	0.9008	0.0766	0.07659858
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	benzo(g,h,i)perylene	0.073		0.26	0.073	0.4391	0.16625	0.16624915
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	benzo(k)fluoranthene	0.032		0.7999	0.032	0.6415	0.04988	0.04988309
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C1-chrysenes	0.13			0.13	0.8557	0.15192	0.1519224
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C1-fluoranthene/Pyrene	0.27			0.27	4.887	0.05525	0.05524862
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C1-fluorenes	0.17			0.17	13.99	0.01215	0.01215154
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C1-naphthalenes	0.26			0.26	81.69	0.00318	0.00318276
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C1-phenanthrenes/Anthracenes	0.11			0.11	7.436	0.01479	0.0147929
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C2-chrysenes	0.17			0.17	0.4827	0.35219	0.35218562
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C2-fluorenes	0.15			0.15	5.305	0.02828	0.02827521
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C2-naphthalenes	0.33			0.33	30.24	0.01091	0.0109127
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C2-phenanthrenes/Anthracenes	0.2			0.2	3.199	0.06252	0.06251954
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C3-chrysenes	0.13			0.13	0.1675	0.77612	0.7761194
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C3-fluorenes	0.36			0.36	1.916	0.18789	0.18789144
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C3-naphthalenes	0.81			0.81	11.1	0.07297	0.07297297
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C3-phenanthrenes/Anthracenes	0.2			0.2	1.256	0.15924	0.15923567
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C4-chrysenes	0.047			0.047	0.07062	0.66553	0.66553384
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C4-naphthalenes	0.16			0.16	4.048	0.03953	0.03952569
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	C4-phenanthrenes/Anthracenes	0.23			0.23	0.5594	0.41115	0.41115481
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	chrysene	0.069		2	0.069	2.042	0.03379	0.0337904
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	dibenzo(a,h)anthracene	0.012	J	0.6012	0.012	0.2825	0.04248	0.04247788
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	fluoranthene	0.26		239.9	0.26	7.109	0.03657	0.03657336
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	fluorene	0.075		1900	0.075	39.3	0.00191	0.0019084
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	indeno(1,2,3-cd)pyrene	0.066			0.066	0.275	0.24	0.24
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	naphthalene	0.3		30995	0.3	193.5	0.00155	0.00155039
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	perylene	0.015	J	0.4012	0.015	0.9008	0.01665	0.01665187
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	phenanthrene	0.15		1100	0.15	19.13	0.00784	0.00784109
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	pyrene	0.35		131.9	0.35	10.11	0.03462	0.03461919
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	acenaphthene	0.053		3800	0.053	55.85	0.00095	0.00094897
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	acenaphthylene	0.24		16314	0.24	306.9	0.00078	0.00078201
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	anthracene	0.077		45	0.077	20.73	0.00371	0.00371442
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	benzo(a)anthracene	0.16		11	0.16	2.227	0.07185	0.07184553
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	benzo(a)pyrene	0.27		3.81	0.27	0.9573	0.28204	0.28204325
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	benzo(b)fluoranthene	0.41		1.501	0.41	0.6774	0.60526	0.60525539
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	benzo(e)pyrene	0.23		4.012	0.23	0.9008	0.25533	0.2553286
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	benzo(g,h,i)perylene	0.28		0.26	0.26	0.4391	0.63767	0.59212025
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	benzo(k)fluoranthene	0.16		0.7999	0.16	0.6415	0.24942	0.24941543
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C1-chrysenes	0.28			0.28	0.8557	0.32722	0.32721748
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C1-fluoranthene/Pyrene	0.68			0.68	4.887	0.13914	0.13914467
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C1-fluorenes	0.25			0.25	13.99	0.01787	0.01786991
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C1-naphthalenes	0.219			0.219	81.69	0.00268	0.00268087
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C1-phenanthrenes/Anthracenes	0.12			0.12	7.436	0.01614	0.01613771
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C2-chrysenes	0.24			0.24	0.4827	0.4972	0.49720323
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C2-fluorenes	0.19			0.19	5.305	0.03582	0.03581527
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C2-naphthalenes	0.33			0.33	30.24	0.01091	0.0109127
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C2-phenanthrenes/Anthracenes	0.18			0.18	3.199	0.05627	0.05626758
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C3-chrysenes	0.25			0.25	0.1675	1.49254	1.49253731
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C3-fluorenes	0.65			0.65	1.916	0.33925	0.33924843
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C3-naphthalenes	1.4			1.4	11.1	0.12613	0.12612613
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C3-phenanthrenes/Anthracenes	0.35			0.35	1.256	0.27866	0.27866242
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C4-chrysenes	0.078			0.078	0.07062	1.1045	1.10450297
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C4-naphthalenes	0.24			0.24	4.048	0.05929	0.05928854
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	C4-phenanthrenes/Anthracenes	0.43			0.43	0.5594	0.76868	0.76868073
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	chrysene	0.18		2	0.18	2.042	0.08815	0.08814887
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	dibenzo(a,h)anthracene	0.049		0.6012	0.049	0.2825	0.17345	0.17345133
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	fluoranthene	0.81		239.9	0.81	7.109	0.11394	0.11394008
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	fluorene	0.062		1900	0.062	39.3	0.00158	0.00157761
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	indeno(1,2,3-cd)pyrene	0.3			0.3	0.275	1.09091	1.09090909
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	naphthalene	0.25		30995	0.25	193.5	0.00129	0.00129199
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	perylene	0.072		0.4012	0.072	0.9008	0.07993	0.07992895
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	phenanthrene	0.098		1100	0.098	19.13	0.00512	0.00512284
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	pyrene	1.2		131.9	1.2	10.11	0.11869	0.11869436
PB023-IPW011-N-after PW	PB-023	31-Jul-07	acenaphthene	0.29		3800	0.29	55.85	0.00519	0.00519248
PB023-IPW011-N-after PW	PB-023	31-Jul-07	acenaphthylene	1.3		16314	1.3	306.9	0.00424	0.00423591
PB023-IPW011-N-after PW	PB-023	31-Jul-07	anthracene	0.41		45	0.41	20.73	0.01978	0.0197781
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(a)anthracene	0.29		11	0.29	2.227	0.13022	0.13022003

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Table B-5 Addendum
Calculation of PAH ESB Results in Porewater
2a

sys sample code	sys loc code	sample date	chemical	result Cporewater (ug/L)	qual	solubility (ug/L)	result Cporewater (ug/L) solubility adjusted	FCV (ug/L)	PAH IWTU	PAH IWTU solubility adjusted
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(a)pyrene	0.25		3.81	0.25	0.9573	0.26115	0.26115115
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(b)fluoranthene	0.35		1.501	0.35	0.6774	0.51668	0.51668143
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(e)pyrene	0.22		4.012	0.22	0.9008	0.24423	0.24422735
PB023-IPW011-N-after PW	PB-023	31-Jul-07	benzo(g,h,i)perylene	0.29		0.26	0.26	0.4391	0.66044	0.59212025
PB023-IPW011-N PW	PB-023	3-Aug-07	benzo(k)fluoranthene	0	U	0.7999	2	0.6415	0	0
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-chrysenes	0.4			0.4	0.8557	0.46745	0.46745355
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-fluoranthene/Pyrene	1.4			1.4	4.887	0.28647	0.28647432
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-fluorenes	0.88			0.88	13.99	0.0629	0.06290207
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-naphthalenes	0.6			0.6	81.69	0.00734	0.00734484
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C1-phenanthrenes/Anthracenes	0.97			0.97	7.436	0.13045	0.13044648
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-chrysenes	0.2			0.2	0.4827	0.41434	0.41433603
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-fluorenes	1.4			1.4	5.305	0.2639	0.26390198
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-naphthalenes	2.1			2.1	30.24	0.06944	0.06944444
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C2-phenanthrenes/Anthracenes	0.81			0.81	3.199	0.2532	0.25320413
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C3-chrysenes	0.22			0.22	0.1675	1.31343	1.31343284
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C3-fluorenes	2.6			2.6	1.916	1.35699	1.35699374
PB023-IPW011-N PW	PB-023	3-Aug-07	C3-naphthalenes	0	U		3	11.1	0	0
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C3-phenanthrenes/Anthracenes	0.76			0.76	1.256	0.6051	0.60509554
PB023-IPW011-N PW	PB-023	3-Aug-07	C4-chrysenes	0	U		4	0.07062	0	0
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C4-naphthalenes	1.7			1.7	4.048	0.41996	0.41996047
PB023-IPW011-N-after PW	PB-023	31-Jul-07	C4-phenanthrenes/Anthracenes	0.9			0.9	0.5594	1.60887	1.60886664
PB023-IPW011-N-after PW	PB-023	31-Jul-07	chrysene	0.26		2	0.26	2.042	0.12733	0.12732615
PB023-IPW011-N-after PW	PB-023	31-Jul-07	dibenzo(a,h)anthracene	0.037		0.6012	0.037	0.2825	0.13097	0.13097345
PB023-IPW011-N-after PW	PB-023	31-Jul-07	fluoranthene	1.2		239.9	1.2	7.109	0.1688	0.16880011
PB023-IPW011-N-after PW	PB-023	31-Jul-07	fluorene	0.37		1900	0.37	39.3	0.00941	0.00941476
PB023-IPW011-N-after PW	PB-023	31-Jul-07	indeno(1,2,3-cd)pyrene	0.016	J		0.016	0.275	0.05818	0.05818182
PB023-IPW011-N-after PW	PB-023	31-Jul-07	naphthalene	0.64		30995	0.64	193.5	0.00331	0.00330749
PB023-IPW011-N-after PW	PB-023	31-Jul-07	perylene	0.043		0.4012	0.043	0.9008	0.04774	0.04773535
PB023-IPW011-N-after PW	PB-023	31-Jul-07	phenanthrene	0.69		1100	0.69	19.13	0.03607	0.036069
PB023-IPW011-N-after PW	PB-023	31-Jul-07	pyrene	2.3		131.9	2.3	10.11	0.2275	0.22749753
PB024-IPW011-N-after PW	PB-024	31-Jul-07	acenaphthene	710		3800	710	55.85	12.7126	12.7126231
PB024-IPW011-N-after PW	PB-024	31-Jul-07	acenaphthylene	490		16314	490	306.9	1.59661	1.59661127
PB024-IPW011-N-after PW	PB-024	31-Jul-07	anthracene	630		45	45	20.73	30.3907	2.170767
PB024-IPW011-N-after PW	PB-024	31-Jul-07	benzo(a)anthracene	240		11	11	2.227	107.768	4.93938033
PB024-IPW011-N-after PW	PB-024	31-Jul-07	benzo(a)pyrene	130		3.81	3.81	0.9573	135.799	3.97994359
PB024-IPW011-N-after PW	PB-024	31-Jul-07	benzo(b)fluoranthene	100	X	1.501	1.501	0.6774	147.623	2.21582521
PB024-IPW011-N-after PW	PB-024	31-Jul-07	benzo(e)pyrene	68		4.012	4.012	0.9008	75.4885	4.45381883
PB024-IPW011-N-after PW	PB-024	31-Jul-07	benzo(g,h,i)perylene	70		0.26	0.26	0.4391	159.417	0.59212025
PB024-IPW011-N PW	PB-024	4-Aug-07	benzo(k)fluoranthene	0	U	0.7999	14	0.6415	0	0
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C1-chrysenes	180			180	0.8557	210.354	210.354096
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C1-fluoranthene/Pyrene	950			950	4.887	194.393	194.393288
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C1-fluorenes	800			800	13.99	57.1837	57.1837026
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C1-naphthalenes	2670			2670	81.69	32.6845	32.6845391
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C1-phenanthrenes/Anthracenes	1400			1400	7.436	188.273	188.273265
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C2-chrysenes	62			62	0.4827	128.444	128.444168
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C2-fluorenes	320			320	5.305	60.3205	60.3204524
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C2-naphthalenes	1400			1400	30.24	46.2963	46.2962963
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C2-phenanthrenes/Anthracenes	390			390	3.199	121.913	121.913098
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C3-chrysenes	13			13	0.1675	77.6119	77.6119403
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C3-fluorenes	300			300	1.916	156.576	156.5762
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C3-naphthalenes	2200			2200	11.1	198.198	198.198198
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C3-phenanthrenes/Anthracenes	170			170	1.256	135.35	135.350318
PB024-IPW011-N PW	PB-024	4-Aug-07	C4-chrysenes	0	U		15	0.07062	0	0
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C4-naphthalenes	280			280	4.048	69.17	69.1699605
PB024-IPW011-N-after PW	PB-024	31-Jul-07	C4-phenanthrenes/Anthracenes	90			90	0.5594	160.887	160.886664
PB024-IPW011-N-after PW	PB-024	31-Jul-07	chrysene	180		2	2	2.042	88.1489	0.97943193
PB024-IPW011-N-after PW	PB-024	31-Jul-07	dibenzo(a,h)anthracene	12		0.6012	0.6012	0.2825	42.4779	2.12814159
PB024-IPW011-N-after PW	PB-024	31-Jul-07	fluoranthene	610		239.9	239.9	7.109	85.8067	33.7459558
PB024-IPW011-N-after PW	PB-024	31-Jul-07	fluorene	660		1900	660	39.3	16.7939	16.7938931
PB024-IPW011-N-after PW	PB-024	31-Jul-07	indeno(1,2,3-cd)pyrene	58			58	0.275	210.909	210.909091
PB024-IPW011-N-after PW	PB-024	31-Jul-07	naphthalene	900		30995	900	193.5	4.65116	4.65116279
PB024-IPW011-N-after PW	PB-024	31-Jul-07	perylene	7.9		0.4012	0.4012	0.9008	8.76998	0.44538188
PB024-IPW011-N-after PW	PB-024	31-Jul-07	phenanthrene	2500		1100	1100	19.13	130.685	57.5013068
PB024-IPW011-N-after PW	PB-024	31-Jul-07	pyrene	1200		131.9	131.9	10.11	118.694	13.0464886
PB036-IPW011-N-after PW	PB-036	1-Aug-07	acenaphthene	1500		3800	1500	55.85	26.8577	26.8576544
PB036-IPW011-N-after PW	PB-036	1-Aug-07	acenaphthylene	1000		16314	1000	306.9	3.25839	3.25839036
PB036-IPW011-N-after PW	PB-036	1-Aug-07	anthracene	1400		45	45	20.73	67.535	2.170767
PB036-IPW011-N-after PW	PB-036	1-Aug-07	benzo(a)anthracene	500		11	11	2.227	224.517	4.93938033
PB036-IPW011-N-after PW	PB-036	1-Aug-07	benzo(a)pyrene	310		3.81	3.81	0.9573	323.827	3.97994359
PB036-IPW011-N-after PW	PB-036	1-Aug-07	benzo(b)fluoranthene	220	X	1.501	1.501	0.6774	324.771	2.21582521
PB036-IPW011-N-after PW	PB-036	1-Aug-07	benzo(e)pyrene	140		4.012	4.012	0.9008	155.417	4.45381883
PB036-IPW011-N-after PW	PB-036	1-Aug-07	benzo(g,h,i)perylene	140		0.26	0.26	0.4391	318.834	0.59212025

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Table B-5 Addendum
Calculation of PAH ESB Results in Porewater
2a

sys sample code	sys loc code	sample date	chemical	result Cporewater (ug/L)	qual	solubility (ug/L)	result Cporewater (ug/L) solubility adjusted	FCV (ug/L)	PAH IWTU	PAH IWTU solubility adjusted
PB036-IPW011-N PW	PB-036	6-Aug-07	benzo(k)fluoranthene	0	U	0.7999	0	0.6415	0	0
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C1-chrysenes	400			400	0.8557	467.454	467.453547
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C1-fluoranthene/Pyrene	2100			2100	4.887	429.711	429.711479
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C1-fluorenes	1600			1600	13.99	114.367	114.367405
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C1-naphthalenes	5600			5600	81.69	68.5518	68.5518423
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C1-phenanthrenes/Anthracenes	2900			2900	7.436	389.995	389.994621
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C2-chrysenes	130			130	0.4827	269.318	269.318417
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C2-fluorenes	660			660	5.305	124.411	124.410933
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C2-naphthalenes	2900			2900	30.24	95.8995	95.8994709
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C2-phenanthrenes/Anthracenes	910			910	3.199	284.464	284.463895
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C3-chrysenes	28			28	0.1675	167.164	167.164179
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C3-fluorenes	480			480	1.916	250.522	250.521921
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C3-naphthalenes	4300			4300	11.1	387.387	387.387387
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C3-phenanthrenes/Anthracenes	410			410	1.256	326.433	326.433121
PB036-IPW011-N PW	PB-036	6-Aug-07	C4-chrysenes	0	U		1	0.07062	0	0
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C4-naphthalenes	560			560	4.048	138.34	138.339921
PB036-IPW011-N-after PW	PB-036	1-Aug-07	C4-phenanthrenes/Anthracenes	200			200	0.5594	357.526	357.525921
PB036-IPW011-N-after PW	PB-036	1-Aug-07	chrysene	410		2	2	2.042	200.784	0.97943193
PB036-IPW011-N-after PW	PB-036	1-Aug-07	dibenzo(a,h)anthracene	19		0.6012	0.6012	0.2825	67.2566	2.12814159
PB036-IPW011-N-after PW	PB-036	1-Aug-07	fluoranthene	1300		239.9	239.9	7.109	182.867	33.7459558
PB036-IPW011-N-after PW	PB-036	1-Aug-07	fluorene	1400		1900	1400	39.3	35.6234	35.6234097
PB036-IPW011-N-after PW	PB-036	1-Aug-07	indeno(1,2,3-cd)pyrene	120			120	0.275	436.364	436.363636
PB036-IPW011-N-after PW	PB-036	1-Aug-07	naphthalene	1700		30995	1700	193.5	8.78553	8.78552972
PB036-IPW011-N-after PW	PB-036	1-Aug-07	perylene	17		0.4012	0.4012	0.9008	18.8721	0.44538188
PB036-IPW011-N-after PW	PB-036	1-Aug-07	phenanthrene	5600		1100	1100	19.13	292.734	57.5013068
PB036-IPW011-N-after PW	PB-036	1-Aug-07	pyrene	2700		131.9	131.9	10.11	267.062	13.0464886
PB044-IPW011-N-after PW	PB-044	1-Aug-07	acenaphthene	0.11		3800	0.11	55.85	0.00197	0.00196956
PB044-IPW011-N-after PW	PB-044	1-Aug-07	acenaphthylene	0.25		16314	0.25	306.9	0.00081	0.0008146
PB044-IPW011-N-after PW	PB-044	1-Aug-07	anthracene	0.1		45	0.1	20.73	0.00482	0.00482393
PB044-IPW011-N-after PW	PB-044	1-Aug-07	benzo(a)anthracene	0.15		11	0.15	2.227	0.06736	0.06735519
PB044-IPW011-N-after PW	PB-044	1-Aug-07	benzo(a)pyrene	0.11		3.81	0.11	0.9573	0.11491	0.11490651
PB044-IPW011-N-after PW	PB-044	1-Aug-07	benzo(b)fluoranthene	0.18		1.501	0.18	0.6774	0.26572	0.26572188
PB044-IPW011-N-after PW	PB-044	1-Aug-07	benzo(e)pyrene	0.12		4.012	0.12	0.9008	0.13321	0.13321492
PB044-IPW011-N-after PW	PB-044	1-Aug-07	benzo(g,h,i)perylene	0.097		0.26	0.097	0.4391	0.22091	0.2209064
PB044-IPW011-N-after PW	PB-044	1-Aug-07	benzo(k)fluoranthene	0.065		0.7999	0.065	0.6415	0.10133	0.10132502
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C1-chrysenes	0.13			0.13	0.8557	0.15192	0.1519224
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C1-fluoranthene/Pyrene	0.4			0.4	4.887	0.08185	0.08184981
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C1-fluorenes	0.21			0.21	13.99	0.01501	0.01501072
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C1-naphthalenes	0.281			0.281	81.69	0.00344	0.00343983
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C1-phenanthrenes/Anthracenes	0.16			0.16	7.436	0.02152	0.02151694
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C2-chrysenes	0.079			0.079	0.4827	0.16366	0.16366273
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C2-fluorenes	0.3			0.3	5.305	0.05655	0.05655042
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C2-naphthalenes	0.3			0.3	30.24	0.00992	0.00992063
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C2-phenanthrenes/Anthracenes	0.26			0.26	3.199	0.08128	0.0812754
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C3-chrysenes	0.067			0.067	0.1675	0.4	0.4
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C3-fluorenes	0.7			0.7	1.916	0.36534	0.36534447
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C3-naphthalenes	1.9			1.9	11.1	0.17117	0.17117117
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C3-phenanthrenes/Anthracenes	0.29			0.29	1.256	0.23089	0.23089172
PB044-IPW011-N PW	PB-044	6-Aug-07	C4-chrysenes	0	U		5	0.07062	0	0
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C4-naphthalenes	0.42			0.42	4.048	0.10375	0.10375494
PB044-IPW011-N-after PW	PB-044	1-Aug-07	C4-phenanthrenes/Anthracenes	0.25			0.25	0.5594	0.44691	0.4469074
PB044-IPW011-N-after PW	PB-044	1-Aug-07	chrysene	0.17		2	0.17	2.042	0.08325	0.08325171
PB044-IPW011-N-after PW	PB-044	1-Aug-07	dibenzo(a,h)anthracene	0.02		0.6012	0.02	0.2825	0.0708	0.07079646
PB044-IPW011-N-after PW	PB-044	1-Aug-07	fluoranthene	0.63		239.9	0.63	7.109	0.08862	0.08862006
PB044-IPW011-N-after PW	PB-044	1-Aug-07	fluorene	0.16		1900	0.16	39.3	0.00407	0.00407125
PB044-IPW011-N-after PW	PB-044	1-Aug-07	indeno(1,2,3-cd)pyrene	0.097			0.097	0.275	0.35273	0.35272727
PB044-IPW011-N-after PW	PB-044	1-Aug-07	naphthalene	0.22		30995	0.22	193.5	0.00114	0.00113695
PB044-IPW011-N-after PW	PB-044	1-Aug-07	perylene	0.017		0.4012	0.017	0.9008	0.01887	0.01887211
PB044-IPW011-N-after PW	PB-044	1-Aug-07	phenanthrene	0.21		1100	0.21	19.13	0.01098	0.01097752
PB044-IPW011-N-after PW	PB-044	1-Aug-07	pyrene	0.72		131.9	0.72	10.11	0.07122	0.07121662
PB046-IPW011-N-after PW	PB-046	1-Aug-07	acenaphthene	2.3		3800	2.3	55.85	0.04118	0.04118174
PB046-IPW011-N-after PW	PB-046	1-Aug-07	acenaphthylene	2.9		16314	2.9	306.9	0.00945	0.00944933
PB046-IPW011-N-after PW	PB-046	1-Aug-07	anthracene	5.4		45	5.4	20.73	0.26049	0.26049204
PB046-IPW011-N-after PW	PB-046	1-Aug-07	benzo(a)anthracene	2.7		11	2.7	2.227	1.21239	1.21239335
PB046-IPW011-N-after PW	PB-046	1-Aug-07	benzo(a)pyrene	1.2		3.81	1.2	0.9573	1.25353	1.25352554
PB046-IPW011-N-after PW	PB-046	1-Aug-07	benzo(b)fluoranthene	2.7	X	1.501	1.501	0.6774	3.98583	2.21582521
PB046-IPW011-N-after PW	PB-046	1-Aug-07	benzo(e)pyrene	2.1		4.012	2.1	0.9008	2.33126	2.3312611
PB046-IPW011-N-after PW	PB-046	1-Aug-07	benzo(g,h,i)perylene	1.2		0.26	0.26	0.4391	2.73286	0.59212025
PB046-IPW011-N PW	PB-046	7-Aug-07	benzo(k)fluoranthene	0	U	0.7999	8	0.6415	0	0
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C1-chrysenes	4.4			4.4	0.8557	5.14199	5.14198901
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C1-fluoranthene/Pyrene	15			15	4.887	3.06937	3.06936771
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C1-fluorenes	11			11	13.99	0.78628	0.78627591

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Table B-5 Addendum
Calculation of PAH ESB Results in Porewater
2a

sys sample code	sys loc code	sample date	chemical	result Cporewater (ug/L)	qual	solubility (ug/L)	result Cporewater (ug/L) solubility adjusted	FCV (ug/L)	PAH IWTU	PAH IWTU solubility adjusted
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C1-naphthalenes	1.85			1.85	81.69	0.02265	0.02264659
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C1-phenanthrenes/Anthracenes	11			11	7.436	1.47929	1.47928994
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C2-chrysenes	2.5			2.5	0.4827	5.1792	5.17920033
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C2-fluorenes	17			17	5.305	3.20452	3.20452403
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C2-naphthalenes	19			19	30.24	0.62831	0.62830688
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C2-phenanthrenes/Anthracenes	20			20	3.199	6.25195	6.25195374
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C3-chrysenes	1.8			1.8	0.1675	10.7463	10.7462687
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C3-fluorenes	24			24	1.916	12.5261	12.526096
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C3-naphthalenes	61			61	11.1	5.4955	5.4954955
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C3-phenanthrenes/Anthracenes	27			27	1.256	21.4968	21.4968153
PB046-IPW011-N PW	PB-046	7-Aug-07	C4-chrysenes	0	U		9	0.07062	0	0
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C4-naphthalenes	29			29	4.048	7.16403	7.16403162
PB046-IPW011-N-after PW	PB-046	1-Aug-07	C4-phenanthrenes/Anthracenes	17			17	0.5594	30.3897	30.3897033
PB046-IPW011-N-after PW	PB-046	1-Aug-07	chrysene	3.3		2	2	2.042	1.61606	0.97943193
PB046-IPW011-N PW	PB-046	7-Aug-07	dibenzo(a,h)anthracene	0	U	0.6012	10	0.2825	0	0
PB046-IPW011-N-after PW	PB-046	1-Aug-07	fluoranthene	7.5		239.9	7.5	7.109	1.055	1.0550007
PB046-IPW011-N PW	PB-046	7-Aug-07	fluorene	0	U	1900	6	39.3	0	0
PB046-IPW011-N-after PW	PB-046	1-Aug-07	indeno(1,2,3-cd)pyrene	0.72			0.72	0.275	2.61818	2.61818182
PB046-IPW011-N-after PW	PB-046	1-Aug-07	naphthalene	0.67		30995	0.67	193.5	0.00346	0.00346253
PB046-IPW011-N PW	PB-046	7-Aug-07	perylene	0	U	0.4012	7	0.9008	0	0
PB046-IPW011-N-after PW	PB-046	1-Aug-07	phenanthrene	1.1		1100	1.1	19.13	0.0575	0.05750131
PB046-IPW011-N-after PW	PB-046	1-Aug-07	pyrene	13		131.9	13	10.11	1.28586	1.28585559
PB052-IPW011-N-after PW	PB-052	2-Aug-07	acenaphthene	0.066		3800	0.066	55.85	0.00118	0.00118174
PB052-IPW011-N-after PW	PB-052	2-Aug-07	acenaphthylene	0.23		16314	0.23	306.9	0.00075	0.00074943
PB052-IPW011-N-after PW	PB-052	2-Aug-07	anthracene	0.12		45	0.12	20.73	0.00579	0.00578871
PB052-IPW011-N-after PW	PB-052	2-Aug-07	benzo(a)anthracene	0.18		11	0.18	2.227	0.08083	0.08082622
PB052-IPW011-N-after PW	PB-052	2-Aug-07	benzo(a)pyrene	0.17		3.81	0.17	0.9573	0.17758	0.17758278
PB052-IPW011-N-after PW	PB-052	2-Aug-07	benzo(b)fluoranthene	0.3	X	1.501	0.3	0.6774	0.44287	0.4428698
PB052-IPW011-N-after PW	PB-052	2-Aug-07	benzo(e)pyrene	0.16		4.012	0.16	0.9008	0.17762	0.17761989
PB052-IPW011-N-after PW	PB-052	2-Aug-07	benzo(g,h,i)perylene	0.13		0.26	0.13	0.4391	0.29606	0.29606012
PB052-IPW011-N-PW	PB-052	7-Aug-07	benzo(k)fluoranthene	0	U	0.7999	16	0.6415	0	0
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C1-chrysenes	0.17			0.17	0.8557	0.19867	0.19866776
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C1-fluoranthene/Pyrene	0.51			0.51	4.887	0.10436	0.1043585
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C1-fluorenes	0.34			0.34	13.99	0.0243	0.02430307
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C1-naphthalenes	0.35			0.35	81.69	0.00428	0.00428449
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C1-phenanthrenes/Anthracenes	0.19			0.19	7.436	0.02555	0.02555137
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C2-chrysenes	0.11			0.11	0.4827	0.22788	0.22788481
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C2-fluorenes	0.47			0.47	5.305	0.0886	0.08859566
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C2-naphthalenes	0.42			0.42	30.24	0.01389	0.01388889
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C2-phenanthrenes/Anthracenes	0.3			0.3	3.199	0.09378	0.09377931
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C3-chrysenes	0.097			0.097	0.1675	0.5791	0.57910448
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C3-fluorenes	0.79			0.79	1.916	0.41232	0.41231733
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C3-naphthalenes	1.2			1.2	11.1	0.10811	0.10810811
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C3-phenanthrenes/Anthracenes	0.4			0.4	1.256	0.31847	0.31847134
PB052-IPW011-N-PW	PB-052	7-Aug-07	C4-chrysenes	0	U		17	0.07062	0	0
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C4-naphthalenes	0.49			0.49	4.048	0.12105	0.12104743
PB052-IPW011-N-after PW	PB-052	2-Aug-07	C4-phenanthrenes/Anthracenes	0.36			0.36	0.5594	0.64355	0.64354666
PB052-IPW011-N-after PW	PB-052	2-Aug-07	chrysene	0.23		2	0.23	2.042	0.11263	0.11263467
PB052-IPW011-N-after PW	PB-052	2-Aug-07	dibenzo(a,h)anthracene	0.028		0.6012	0.028	0.2825	0.09912	0.09911504
PB052-IPW011-N-after PW	PB-052	2-Aug-07	fluoranthene	0.67		239.9	0.67	7.109	0.09425	0.09424673
PB052-IPW011-N-after PW	PB-052	2-Aug-07	fluorene	0.1		1900	0.1	39.3	0.00254	0.00254453
PB052-IPW011-N-after PW	PB-052	2-Aug-07	indeno(1,2,3-cd)pyrene	0.14			0.14	0.275	0.50909	0.50909091
PB052-IPW011-N-after PW	PB-052	2-Aug-07	naphthalene	0.4		30995	0.4	193.5	0.00207	0.00206718
PB052-IPW011-N-after PW	PB-052	2-Aug-07	perylene	0.018		0.4012	0.018	0.9008	0.01998	0.01998224
PB052-IPW011-N-after PW	PB-052	2-Aug-07	phenanthrene	0.32		1100	0.32	19.13	0.01673	0.01672765
PB052-IPW011-N-after PW	PB-052	2-Aug-07	pyrene	0.7		131.9	0.7	10.11	0.06924	0.06923838
PB053-IPW011-N-after PW	PB-053	2-Aug-07	acenaphthene	1.3		3800	1.3	55.85	0.02328	0.02327663
PB053-IPW011-N-after PW	PB-053	2-Aug-07	acenaphthylene	0.78		16314	0.78	306.9	0.00254	0.00254154
PB053-IPW011-N-after PW	PB-053	2-Aug-07	anthracene	1.6		45	1.6	20.73	0.07718	0.07718283
PB053-IPW011-N-after PW	PB-053	2-Aug-07	benzo(a)anthracene	0.8		11	0.8	2.227	0.35923	0.35922766
PB053-IPW011-N-after PW	PB-053	2-Aug-07	benzo(a)pyrene	0.41		3.81	0.41	0.9573	0.42829	0.42828789
PB053-IPW011-N-after PW	PB-053	2-Aug-07	benzo(b)fluoranthene	0.48	X	1.501	0.48	0.6774	0.70859	0.70859167
PB053-IPW011-N-after PW	PB-053	2-Aug-07	benzo(e)pyrene	0.29		4.012	0.29	0.9008	0.32194	0.32193606
PB053-IPW011-N-after PW	PB-053	2-Aug-07	benzo(g,h,i)perylene	0.22		0.26	0.22	0.4391	0.50102	0.50102482
PB053-IPW011-N-PW	PB-053	8-Aug-07	benzo(k)fluoranthene	0	U	0.7999	19	0.6415	0	0
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C1-chrysenes	0.99			0.99	0.8557	1.15695	1.15694753
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C1-fluoranthene/Pyrene	3.3			3.3	4.887	0.67526	0.6752609
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C1-fluorenes	7.1			7.1	13.99	0.50751	0.50750536
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C1-naphthalenes	1.768			1.768	81.69	0.02164	0.0216428
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C1-phenanthrenes/Anthracenes	5.7			5.7	7.436	0.76654	0.76654115
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C2-chrysenes	0.57			0.57	0.4827	1.18086	1.18085768
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C2-fluorenes	11			11	5.305	2.07352	2.07351555

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Table B-5 Addendum
Calculation of PAH ESB Results in Porewater
2a

sys sample code	sys loc code	sample date	chemical	result Cporewater (ug/L)	qual	solubility (ug/L)	result Cporewater (ug/L) solubility adjusted	FCV (ug/L)	PAH IWTU	PAH IWTU solubility adjusted
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C2-naphthalenes	13			13	30.24	0.42989	0.42989418
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C2-phenanthrenes/Anthracenes	11			11	3.199	3.43857	3.43857455
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C3-chrysenes	0.57			0.57	0.1675	3.40299	3.40298507
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C3-fluorenes	8.4			8.4	1.916	4.38413	4.38413361
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C3-naphthalenes	21			21	11.1	1.89189	1.89189189
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C3-phenanthrenes/Anthracenes	7.4			7.4	1.256	5.89172	5.89171975
PB053-IPW011-N-PW	PB-053	8-Aug-07	C4-chrysenes	0	U		20	0.07062	0	0
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C4-naphthalenes	17			17	4.048	4.1996	4.19960474
PB053-IPW011-N-after PW	PB-053	2-Aug-07	C4-phenanthrenes/Anthracenes	4			4	0.5594	7.15052	7.15051841
PB053-IPW011-N-after PW	PB-053	2-Aug-07	chrysene	0.8		2	0.8	2.042	0.39177	0.39177277
PB053-IPW011-N-PW	PB-053	8-Aug-07	dibenzo(a,h)anthracene	0	U	0.6012	21	0.2825	0	0
PB053-IPW011-N-after PW	PB-053	2-Aug-07	fluoranthene	1.8		239.9	1.8	7.109	0.2532	0.25320017
PB053-IPW011-N-after PW	PB-053	2-Aug-07	fluorene	0.08		1900	0.08	39.3	0.00204	0.00203562
PB053-IPW011-N-after PW	PB-053	2-Aug-07	indeno(1,2,3-cd)pyrene	0.18			0.18	0.275	0.65455	0.65454545
PB053-IPW011-N-after PW	PB-053	2-Aug-07	naphthalene	0.19		30995	0.19	193.5	0.00098	0.00098191
PB053-IPW011-N-PW	PB-053	8-Aug-07	perylene	0	U	0.4012	18	0.9008	0	0
PB053-IPW011-N-after PW	PB-053	2-Aug-07	phenanthrene	0.25		1100	0.25	19.13	0.01307	0.01306848
PB053-IPW011-N-after PW	PB-053	2-Aug-07	pyrene	3.1		131.9	3.1	10.11	0.30663	0.3066271
PB059-IPW011-N-after PW	PB-059	2-Aug-07	acenaphthene	0.8		3800	0.8	55.85	0.01432	0.01432408
PB059-IPW011-N-after PW	PB-059	2-Aug-07	acenaphthylene	0.88		16314	0.88	306.9	0.00287	0.00286738
PB059-IPW011-N-after PW	PB-059	2-Aug-07	anthracene	0.57		45	0.57	20.73	0.0275	0.02749638
PB059-IPW011-N-after PW	PB-059	2-Aug-07	benzo(a)anthracene	0.29		11	0.29	2.227	0.13022	0.13022003
PB059-IPW011-N-after PW	PB-059	2-Aug-07	benzo(a)pyrene	0.14		3.81	0.14	0.9573	0.14624	0.14624465
PB059-IPW011-N-after PW	PB-059	2-Aug-07	benzo(b)fluoranthene	0.17		1.501	0.17	0.6774	0.25096	0.25095955
PB059-IPW011-N-after PW	PB-059	2-Aug-07	benzo(e)pyrene	0.22		4.012	0.22	0.9008	0.24423	0.24422735
PB059-IPW011-N-after PW	PB-059	2-Aug-07	benzo(g,h,i)perylene	0.14		0.26	0.14	0.4391	0.31883	0.31883398
PB059-IPW011-N-after PW	PB-059	2-Aug-07	benzo(k)fluoranthene	0.044		0.7999	0.044	0.6415	0.06859	0.06858924
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C1-chrysenes	0.27			0.27	0.8557	0.31553	0.31553114
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C1-fluoranthene/Pyrene	1			1	4.887	0.20462	0.20462451
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C1-fluorenes	1.2			1.2	13.99	0.08578	0.08577555
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C1-naphthalenes	0.57			0.57	81.69	0.00698	0.0069776
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C1-phenanthrenes/Anthracenes	1.1			1.1	7.436	0.14793	0.14792899
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C2-chrysenes	0.16			0.16	0.4827	0.33147	0.33146882
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C2-fluorenes	1.5			1.5	5.305	0.28275	0.28275212
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C2-naphthalenes	2.5			2.5	30.24	0.08267	0.08267196
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C2-phenanthrenes/Anthracenes	1.1			1.1	3.199	0.34386	0.34385746
PB059-IPW011-N-PW	PB-059	8-Aug-07	C3-chrysenes	0	U		12	0.1675	0	0
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C3-fluorenes	3.2			3.2	1.916	1.67015	1.67014614
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C3-naphthalenes	4.5			4.5	11.1	0.40541	0.40540541
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C3-phenanthrenes/Anthracenes	1.7			1.7	1.256	1.3535	1.35350318
PB059-IPW011-N-PW	PB-059	8-Aug-07	C4-chrysenes	0	U		13	0.07062	0	0
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C4-naphthalenes	2.1			2.1	4.048	0.51877	0.5187747
PB059-IPW011-N-after PW	PB-059	2-Aug-07	C4-phenanthrenes/Anthracenes	0.95			0.95	0.5594	1.69825	1.69824812
PB059-IPW011-N-after PW	PB-059	2-Aug-07	chrysene	0.32		2	0.32	2.042	0.15671	0.15670911
PB059-IPW011-N-after PW	PB-059	2-Aug-07	dibenzo(a,h)anthracene	0.02	J	0.6012	0.02	0.2825	0.0708	0.07079646
PB059-IPW011-N-after PW	PB-059	2-Aug-07	fluoranthene	0.76		239.9	0.76	7.109	0.10691	0.10690674
PB059-IPW011-N-after PW	PB-059	2-Aug-07	fluorene	0.24		1900	0.24	39.3	0.00611	0.00610687
PB059-IPW011-N-after PW	PB-059	2-Aug-07	indeno(1,2,3-cd)pyrene	0.15			0.15	0.275	0.54545	0.54545455
PB059-IPW011-N-after PW	PB-059	2-Aug-07	naphthalene	0.17		30995	0.17	193.5	0.00088	0.00087855
PB059-IPW011-N-after PW	PB-059	2-Aug-07	naphthalene	1.6		30995	1.6	193.5	0.00827	0.00826873
PB059-IPW011-N-PW	PB-059	8-Aug-07	perylene	0	U	0.4012	11	0.9008	0	0
PB059-IPW011-N-after PW	PB-059	2-Aug-07	phenanthrene	0.37		1100	0.37	19.13	0.01934	0.01934135
PB059-IPW011-N-after PW	PB-059	2-Aug-07	pyrene	1.2		131.9	1.2	10.11	0.11869	0.11869436

Notes
U - Non Detect. Value is 0 for ESB calculation.
All samples collected from 0-11cm sediments.

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Table B-5 Addendum
Calculation of PAH ESB Results in Porewater
2b

sys sample code	sys loc code	sample date	sum of result Cporewater (ug/L)	sum of result Cporewater (ug/l) Solubility Adjusted	sum of PAH IWTU	sum of PAH IWTU solubility adjusted
PB06A-IPW011-N-after PW	PB-006A	4-Aug-07	5.678	5.678	3.9439079	3.943907919
PB06B-IPW011-N-after PW	PB-006B	4-Aug-07	10.788	10.768	9.0523626	9.006814925
PB023-IPW011-N-after PW	PB-023	31-Jul-07	23.896	23.866	9.911091	9.84276942
PB024-IPW011-N-after PW	PB-024	31-Jul-07	19790.9	15583.3854	3215.3885	2210.518131
PB036-IPW011-N-after PW	PB-036	1-Aug-07	41654	30438.3854	6826.9103	4508.631243
PB044-IPW011-N-after PW	PB-044	1-Aug-07	9.173	9.173	3.9159265	3.91592655
PB046-IPW011-N-after PW	PB-046	1-Aug-07	308.34	304.901	132.04502	127.4976469
PB052-IPW011-N-after PW	PB-052	2-Aug-07	10.159	10.159	5.0722352	5.072235244
PB053-IPW011-N-after PW	PB-053	2-Aug-07	125.078	125.078	41.215894	41.2158938
PB059-IPW011-N-after PW	PB-059	2-Aug-07	29.934	29.934	9.6845851	9.684585082

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Table B-5 Addendum
Calculation of Metal Mixtures ESB Results in Surface Sediment
Example

Example 1 - Molar Conversion Not Needed

Step 1							1				2
sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	qual	result unit	grams mole	result value molar (result / grams mole)
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Acid volatile sulfides	5.13		umol/g	32.06	5.13
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Copper-SEM	0.00262		umol/g	63.54	0.00262
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Lead-SEM	0.068		umol/g	207	0.068
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Mercury-SEM	3.4E-05		umol/g	200.59	0.0000336
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Nickel-SEM	0.0436		umol/g	58.71	0.0436
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Zinc-SEM	1.18		umol/g	65.37	1.18
Step 2										Sum SEM	1.2942536
Step 3										Sum SEM - AVS	-3.8357464
										FOC	0.016
Step 4										**ESB (Sum SEM - AVS) / FOC**	**-239.73415**

Example 2 - Needing a Molar Conversion

Step 1							1				2
sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	qual	result unit	grams mole	result value molar (result / grams mole)
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Acid volatile sulfides	703	J	mg/kg	32.06	21.9276357
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Cadmium-SEM	0.9		mg/kg	112.3	0.00801425
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Copper-SEM	54.5		mg/kg	63.54	0.85772742
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Lead-SEM	63.6		mg/kg	207	0.30724638
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Nickel-SEM	21		mg/kg	58.71	0.35769034
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Zinc-SEM	451		mg/kg	65.37	6.89918923
Step 2										Sum SEM	8.42986761
Step 3										Sum SEM - AVS	-13.4977681
										FOC	0.029
Step 4										**ESB (Sum SEM - AVS) / FOC**	**-465.440278**

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Table B-5 Addendum
Calculation of Metal Mixtures ESB Results in Surface Sediment
3a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	qual	result unit	grams mole	result value molar
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Acid volatile sulfides	5.13		umol/g	32.06	5.13
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Copper-SEM	0.00262		umol/g	63.54	0.00262
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Lead-SEM	0.068		umol/g	207	0.068
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Mercury-SEM	3.4E-05		umol/g	200.59	0.0000336
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Nickel-SEM	0.0436		umol/g	58.71	0.0436
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	Zinc-SEM	1.18		umol/g	65.37	1.18
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	Acid volatile sulfides	1.66		umol/g	32.06	1.66
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	Copper-SEM	0.0036		umol/g	63.54	0.0036
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	Lead-SEM	0.0745		umol/g	207	0.0745
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	Mercury-SEM	3.9E-05		umol/g	200.59	0.0000388
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	Nickel-SEM	0.0377		umol/g	58.71	0.0377
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	Zinc-SEM	1.11		umol/g	65.37	1.11
3-9/6/2000	0	10	cm	3	06-Sep-00	Acid volatile sulfides	46.7		umol/g	32.06	46.7
3-9/6/2000	0	10	cm	3	06-Sep-00	Copper-SEM	0.024		umol/g	63.54	0.024
3-9/6/2000	0	10	cm	3	06-Sep-00	Lead-SEM	0.135		umol/g	207	0.135
3-9/6/2000	0	10	cm	3	06-Sep-00	Mercury-SEM	0.00027		umol/g	200.59	0.000269
3-9/6/2000	0	10	cm	3	06-Sep-00	Nickel-SEM	0.114		umol/g	58.71	0.114
3-9/6/2000	0	10	cm	3	06-Sep-00	Zinc-SEM	2.41		umol/g	65.37	2.41
3-4/24/2001	0	10	cm	3	24-Apr-01	Acid volatile sulfides	54.6		umol/g	32.06	54.6
3-4/24/2001	0	10	cm	3	24-Apr-01	Copper-SEM	0.013		umol/g	63.54	0.013
3-4/24/2001	0	10	cm	3	24-Apr-01	Lead-SEM	0	U	umol/g	207	0
3-4/24/2001	0	10	cm	3	24-Apr-01	Mercury-SEM	1.3E-05		umol/g	200.59	0.0000128
3-4/24/2001	0	10	cm	3	24-Apr-01	Nickel-SEM	0.402		umol/g	58.71	0.402
3-4/24/2001	0	10	cm	3	24-Apr-01	Zinc-SEM	1.51		umol/g	65.37	1.51
3-8/12/2003	0	10	cm	3	12-Aug-03	Acid volatile sulfides	10.19		umol/g	32.06	10.19
3-8/12/2003	0	10	cm	3	12-Aug-03	Copper-SEM	0.245		umol/g	63.54	0.245
3-8/12/2003	0	10	cm	3	12-Aug-03	Lead-SEM	0.118		umol/g	207	0.118
3-8/12/2003	0	10	cm	3	12-Aug-03	Mercury-SEM	1.4E-06		umol/g	200.59	0.00000135
3-8/12/2003	0	10	cm	3	12-Aug-03	Nickel-SEM	0.102		umol/g	58.71	0.102
3-8/12/2003	0	10	cm	3	12-Aug-03	Zinc-SEM	1.32	J	umol/g	65.37	1.32
5-9/5/2000	0	10	cm	5	05-Sep-00	Acid volatile sulfides	19.4		umol/g	32.06	19.4
5-9/5/2000	0	10	cm	5	05-Sep-00	Copper-SEM	0.011		umol/g	63.54	0.011
5-9/5/2000	0	10	cm	5	05-Sep-00	Lead-SEM	0.103		umol/g	207	0.103
5-9/5/2000	0	10	cm	5	05-Sep-00	Mercury-SEM	7.9E-05		umol/g	200.59	0.0000787
5-9/5/2000	0	10	cm	5	05-Sep-00	Nickel-SEM	0.0865		umol/g	58.71	0.0865
5-9/5/2000	0	10	cm	5	05-Sep-00	Zinc-SEM	2.68		umol/g	65.37	2.68
5-4/24/2001	0	10	cm	5	24-Apr-01	Acid volatile sulfides	114		umol/g	32.06	114
5-4/24/2001	0	10	cm	5	24-Apr-01	Copper-SEM	0.0054		umol/g	63.54	0.0054
5-4/24/2001	0	10	cm	5	24-Apr-01	Lead-SEM	0.233		umol/g	207	0.233
5-4/24/2001	0	10	cm	5	24-Apr-01	Mercury-SEM	4.1E-05		umol/g	200.59	0.0000414
5-4/24/2001	0	10	cm	5	24-Apr-01	Nickel-SEM	0.205		umol/g	58.71	0.205
5-4/24/2001	0	10	cm	5	24-Apr-01	Zinc-SEM	5.68		umol/g	65.37	5.68
7-9/6/2000	0	10	cm	7	06-Sep-00	Acid volatile sulfides	33		umol/g	32.06	33
7-9/6/2000	0	10	cm	7	06-Sep-00	Copper-SEM	0.0165		umol/g	63.54	0.0165
7-9/6/2000	0	10	cm	7	06-Sep-00	Lead-SEM	0.0586		umol/g	207	0.0586
7-9/6/2000	0	10	cm	7	06-Sep-00	Mercury-SEM	5.3E-06		umol/g	200.59	0.0000053
7-9/6/2000	0	10	cm	7	06-Sep-00	Nickel-SEM	0.107		umol/g	58.71	0.107
7-9/6/2000	0	10	cm	7	06-Sep-00	Zinc-SEM	2.35		umol/g	65.37	2.35
7-4/26/2001	0	10	cm	7	26-Apr-01	Acid volatile sulfides	0	U	umol/g	32.06	0
7-4/26/2001	0	10	cm	7	26-Apr-01	Copper-SEM	0.232		umol/g	63.54	0.232
7-4/26/2001	0	10	cm	7	26-Apr-01	Lead-SEM	0.0909		umol/g	207	0.0909
7-4/26/2001	0	10	cm	7	26-Apr-01	Mercury-SEM	9.9E-05		umol/g	200.59	0.0000989
7-4/26/2001	0	10	cm	7	26-Apr-01	Nickel-SEM	0.0579		umol/g	58.71	0.0579
7-4/26/2001	0	10	cm	7	26-Apr-01	Zinc-SEM	3.58		umol/g	65.37	3.58
7-8/12/2003	0	10	cm	7	12-Aug-03	Acid volatile sulfides	14.02		umol/g	32.06	14.02
7-8/12/2003	0	10	cm	7	12-Aug-03	Copper-SEM	0.357		umol/g	63.54	0.357
7-8/12/2003	0	10	cm	7	12-Aug-03	Lead-SEM	0.221		umol/g	207	0.221
7-8/12/2003	0	10	cm	7	12-Aug-03	Mercury-SEM	0	U	umol/g	200.59	0
7-8/12/2003	0	10	cm	7	12-Aug-03	Nickel-SEM	0.0806		umol/g	58.71	0.0806
7-8/12/2003	0	10	cm	7	12-Aug-03	Zinc-SEM	3.64	J	umol/g	65.37	3.64
9-8/12/2003	0	10	cm	9	12-Aug-03	Acid volatile sulfides	16.97		umol/g	32.06	16.97
9-8/12/2003	0	10	cm	9	12-Aug-03	Copper-SEM	0.129		umol/g	63.54	0.129
9-8/12/2003	0	10	cm	9	12-Aug-03	Lead-SEM	0.041		umol/g	207	0.041
9-8/12/2003	0	10	cm	9	12-Aug-03	Mercury-SEM	0	U	umol/g	200.59	0
9-8/12/2003	0	10	cm	9	12-Aug-03	Nickel-SEM	0.078		umol/g	58.71	0.078

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Table B-5 Addendum
Calculation of Metal Mixtures ESB Results in Surface Sediment
3a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	qual	result unit	grams mole	result value molar
9-8/12/2003	0	10	cm	9	12-Aug-03	Zinc-SEM	0.581	J	umol/g	65.37	0.581
4a-9/5/2000	0	10	cm	4A	05-Sep-00	Acid volatile sulfides	33		umol/g	32.06	33
4a-9/5/2000	0	10	cm	4A	05-Sep-00	Copper-SEM	0.00807		umol/g	63.54	0.00807
4a-9/5/2000	0	10	cm	4A	05-Sep-00	Lead-SEM	0.0789		umol/g	207	0.0789
4a-9/5/2000	0	10	cm	4A	05-Sep-00	Mercury-SEM	0.00013		umol/g	200.59	0.000132
4a-9/5/2000	0	10	cm	4A	05-Sep-00	Nickel-SEM	0.0601		umol/g	58.71	0.0601
4a-9/5/2000	0	10	cm	4A	05-Sep-00	Zinc-SEM	1.99		umol/g	65.37	1.99
4A-4/24/2001	0	10	cm	4A	24-Apr-01	Acid volatile sulfides	9.51		umol/g	32.06	9.51
4A-4/24/2001	0	10	cm	4A	24-Apr-01	Copper-SEM	0.00218		umol/g	63.54	0.00218
4A-4/24/2001	0	10	cm	4A	24-Apr-01	Lead-SEM	0.0589		umol/g	207	0.0589
4A-4/24/2001	0	10	cm	4A	24-Apr-01	Mercury-SEM	7E-05		umol/g	200.59	0.0000698
4A-4/24/2001	0	10	cm	4A	24-Apr-01	Nickel-SEM	0.0596		umol/g	58.71	0.0596
4A-4/24/2001	0	10	cm	4A	24-Apr-01	Zinc-SEM	1.61		umol/g	65.37	1.61
4A-8/12/2003	0	10	cm	4A	12-Aug-03	Acid volatile sulfides	31.75		umol/g	32.06	31.75
4A-8/12/2003	0	10	cm	4A	12-Aug-03	Copper-SEM	0.343		umol/g	63.54	0.343
4A-8/12/2003	0	10	cm	4A	12-Aug-03	Lead-SEM	0.101		umol/g	207	0.101
4A-8/12/2003	0	10	cm	4A	12-Aug-03	Mercury-SEM	1.4E-06		umol/g	200.59	0.00000139
4A-8/12/2003	0	10	cm	4A	12-Aug-03	Nickel-SEM	0.136		umol/g	58.71	0.136
4A-8/12/2003	0	10	cm	4A	12-Aug-03	Zinc-SEM	2.22	J	umol/g	65.37	2.22
6a-9/5/2000	0	10	cm	6a	05-Sep-00	Acid volatile sulfides	35.9		umol/g	32.06	35.9
6a-9/5/2000	0	10	cm	6a	05-Sep-00	Copper-SEM	0.00518		umol/g	63.54	0.00518
6a-9/5/2000	0	10	cm	6a	05-Sep-00	Lead-SEM	0.0406		umol/g	207	0.0406
6a-9/5/2000	0	10	cm	6a	05-Sep-00	Mercury-SEM	9E-06		umol/g	200.59	0.00000901
6a-9/5/2000	0	10	cm	6a	05-Sep-00	Nickel-SEM	0.0528		umol/g	58.71	0.0528
6a-9/5/2000	0	10	cm	6a	05-Sep-00	Zinc-SEM	2.17		umol/g	65.37	2.17
6A-4/25/2001	0	10	cm	6A	25-Apr-01	Acid volatile sulfides	56.4		umol/g	32.06	56.4
6A-4/25/2001	0	10	cm	6A	25-Apr-01	Copper-SEM	0.0325		umol/g	63.54	0.0325
6A-4/25/2001	0	10	cm	6A	25-Apr-01	Lead-SEM	0.062		umol/g	207	0.062
6A-4/25/2001	0	10	cm	6A	25-Apr-01	Mercury-SEM	8.2E-05		umol/g	200.59	0.0000815
6A-4/25/2001	0	10	cm	6A	25-Apr-01	Nickel-SEM	0.056		umol/g	58.71	0.056
6A-4/25/2001	0	10	cm	6A	25-Apr-01	Zinc-SEM	1.74		umol/g	65.37	1.74
6A-8/12/2003	0	10	cm	6A	12-Aug-03	Acid volatile sulfides	36.03		umol/g	32.06	36.03
6A-8/12/2003	0	10	cm	6A	12-Aug-03	Copper-SEM	0.551		umol/g	63.54	0.551
6A-8/12/2003	0	10	cm	6A	12-Aug-03	Lead-SEM	0.179		umol/g	207	0.179
6A-8/12/2003	0	10	cm	6A	12-Aug-03	Mercury-SEM	0	U	umol/g	200.59	0
6A-8/12/2003	0	10	cm	6A	12-Aug-03	Nickel-SEM	0.13		umol/g	58.71	0.13
6A-8/12/2003	0	10	cm	6A	12-Aug-03	Zinc-SEM	3.69	J	umol/g	65.37	3.69
E-9/6/2000	0	10	cm	E	06-Sep-00	Acid volatile sulfides	1.44		umol/g	32.06	1.44
E-9/6/2000	0	10	cm	E	06-Sep-00	Copper-SEM	0.139		umol/g	63.54	0.139
E-9/6/2000	0	10	cm	E	06-Sep-00	Lead-SEM	0.0844		umol/g	207	0.0844
E-9/6/2000	0	10	cm	E	06-Sep-00	Mercury-SEM	0.0002		umol/g	200.59	0.000199
E-9/6/2000	0	10	cm	E	06-Sep-00	Nickel-SEM	0.0536		umol/g	58.71	0.0536
E-9/6/2000	0	10	cm	E	06-Sep-00	Zinc-SEM	1.16		umol/g	65.37	1.16
E-4/23/2001	0	10	cm	E	23-Apr-01	Acid volatile sulfides	10.7		umol/g	32.06	10.7
E-4/23/2001	0	10	cm	E	23-Apr-01	Copper-SEM	0.00191		umol/g	63.54	0.00191
E-4/23/2001	0	10	cm	E	23-Apr-01	Lead-SEM	0.0972		umol/g	207	0.0972
E-4/23/2001	0	10	cm	E	23-Apr-01	Mercury-SEM	7.1E-05		umol/g	200.59	0.0000709
E-4/23/2001	0	10	cm	E	23-Apr-01	Nickel-SEM	0.0558		umol/g	58.71	0.0558
E-4/23/2001	0	10	cm	E	23-Apr-01	Zinc-SEM	2.01		umol/g	65.37	2.01
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	Acid volatile sulfides	226		mg/kg	32.06	7.0492826
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	Cadmium-SEM	0.2		mg/kg	112.3	0.00178094
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	Copper-SEM	26.2		mg/kg	63.54	0.41233868
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	Lead-SEM	13.3		mg/kg	207	0.06425121
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	Nickel-SEM	8.1		mg/kg	58.71	0.13796627
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	Zinc-SEM	152		mg/kg	65.37	2.32522564
G-9/6/2000	0	10	cm	G	06-Sep-00	Acid volatile sulfides	19.5		umol/g	32.06	19.5
G-9/6/2000	0	10	cm	G	06-Sep-00	Copper-SEM	0.101		umol/g	63.54	0.101
G-9/6/2000	0	10	cm	G	06-Sep-00	Lead-SEM	0.122		umol/g	207	0.122
G-9/6/2000	0	10	cm	G	06-Sep-00	Mercury-SEM	0.00011		umol/g	200.59	0.000113
G-9/6/2000	0	10	cm	G	06-Sep-00	Nickel-SEM	0.241		umol/g	58.71	0.241
G-9/6/2000	0	10	cm	G	06-Sep-00	Zinc-SEM	2.21		umol/g	65.37	2.21
G-4/24/2001	0	10	cm	G	24-Apr-01	Acid volatile sulfides	2.24		umol/g	32.06	2.24
G-4/24/2001	0	10	cm	G	24-Apr-01	Copper-SEM	0.231		umol/g	63.54	0.231
G-4/24/2001	0	10	cm	G	24-Apr-01	Lead-SEM	0.116		umol/g	207	0.116

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Table B-5 Addendum
Calculation of Metal Mixtures ESB Results in Surface Sediment
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	qual	result unit	grams mole	result value molar
G-4/24/2001	0	10	cm	G	24-Apr-01	Mercury-SEM	0.00027		umol/g	200.59	0.000268
G-4/24/2001	0	10	cm	G	24-Apr-01	Nickel-SEM	0.262		umol/g	58.71	0.262
G-4/24/2001	0	10	cm	G	24-Apr-01	Zinc-SEM	1.6		umol/g	65.37	1.6
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Acid volatile sulfides	703	J	mg/kg	32.06	21.9276357
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Cadmium-SEM	0.9		mg/kg	112.3	0.00801425
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Copper-SEM	54.5		mg/kg	63.54	0.85772742
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Lead-SEM	63.6		mg/kg	207	0.30724638
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Nickel-SEM	21		mg/kg	58.71	0.35769034
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	Zinc-SEM	451		mg/kg	65.37	6.89918923
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	Acid volatile sulfides	90	J	mg/kg	32.06	2.80723643
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	Cadmium-SEM	0.6		mg/kg	112.3	0.00534283
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	Copper-SEM	41.3		mg/kg	63.54	0.64998426
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	Lead-SEM	36.5		mg/kg	207	0.1763285
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	Mercury-SEM	0.12		mg/kg	200.59	0.00059824
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	Nickel-SEM	13.7		mg/kg	58.71	0.23335037
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	Zinc-SEM	247		mg/kg	65.37	3.77849166
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	Acid volatile sulfides	36.9	J	mg/kg	32.06	1.15096694
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	Cadmium-SEM	0.2		mg/kg	112.3	0.00178094
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	Copper-SEM	19.1		mg/kg	63.54	0.30059805
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	Lead-SEM	20.7		mg/kg	207	0.1
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	Mercury-SEM	0.05		mg/kg	200.59	0.00024926
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	Nickel-SEM	5.6		mg/kg	58.71	0.09538409
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	Zinc-SEM	113		mg/kg	65.37	1.72862169
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	Acid volatile sulfides	737	J	mg/kg	32.06	22.9881472
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	Cadmium-SEM	0.5		mg/kg	112.3	0.00445236
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	Copper-SEM	53.7		mg/kg	63.54	0.84513692
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	Lead-SEM	114		mg/kg	207	0.55072464
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	Mercury-SEM	0.17		mg/kg	200.59	0.0008475
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	Nickel-SEM	15.8		mg/kg	58.71	0.2691194
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	Zinc-SEM	219		mg/kg	65.37	3.35016062
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	Acid volatile sulfides	914	J	mg/kg	32.06	28.5090455
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	Cadmium-SEM	0.8		mg/kg	112.3	0.00712378
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	Copper-SEM	51		mg/kg	63.54	0.802644
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	Lead-SEM	60.9		mg/kg	207	0.2942029
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	Mercury-SEM	0.12		mg/kg	200.59	0.00059824
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	Nickel-SEM	16.8		mg/kg	58.71	0.28615227
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	Zinc-SEM	337		mg/kg	65.37	5.15527
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	Acid volatile sulfides	150		mg/kg	32.06	4.67872739
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	Cadmium-SEM	0	U	mg/kg	112.3	0
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	Copper-SEM	10.1		mg/kg	63.54	0.15895499
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	Lead-SEM	33.4		mg/kg	207	0.16135266
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	Nickel-SEM	8.9		mg/kg	58.71	0.15159257
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	Zinc-SEM	52.2		mg/kg	65.37	0.79853144
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	Acid volatile sulfides	3080		mg/kg	32.06	96.069869
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	Cadmium-SEM	1.2		mg/kg	112.3	0.01068566
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	Copper-SEM	101		mg/kg	63.54	1.58954989
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	Lead-SEM	245		mg/kg	207	1.18357488
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	Mercury-SEM	0.55		mg/kg	200.59	0.00274191
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	Nickel-SEM	62.2		mg/kg	58.71	1.05944473
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	Zinc-SEM	459		mg/kg	65.37	7.02156953
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	Acid volatile sulfides	1290		mg/kg	32.06	40.2370555
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	Cadmium-SEM	0.5		mg/kg	112.3	0.00445236
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	Copper-SEM	53.3		mg/kg	63.54	0.83884167
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	Lead-SEM	80.2		mg/kg	207	0.38743961
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	Mercury-SEM	0.04		mg/kg	200.59	0.00019941
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	Nickel-SEM	22.3		mg/kg	58.71	0.37983308
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	Zinc-SEM	309		mg/kg	65.37	4.72693896
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	Acid volatile sulfides	1990		mg/kg	32.06	62.0711167
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	Cadmium-SEM	1.3		mg/kg	112.3	0.01157614
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	Copper-SEM	60.8		mg/kg	63.54	0.95687756
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	Lead-SEM	86.8		mg/kg	207	0.41932367
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	Nickel-SEM	19.2		mg/kg	58.71	0.32703117

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Table B-5 Addendum
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sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	qual	result unit	grams mole	result value molar
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	Zinc-SEM	570		mg/kg	65.37	8.71959615
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	Acid volatile sulfides	1820		mg/kg	32.06	56.768559
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	Cadmium-SEM	0.4		mg/kg	112.3	0.00356189
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	Copper-SEM	17.5		mg/kg	63.54	0.27541706
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	Lead-SEM	29.8		mg/kg	207	0.14396135
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	Nickel-SEM	11.3		mg/kg	58.71	0.19247147
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	Zinc-SEM	297		mg/kg	65.37	4.54336852
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	Acid volatile sulfides	441		mg/kg	32.06	13.7554585
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	Cadmium-SEM	0.2		mg/kg	112.3	0.00178094
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	Copper-SEM	17.6		mg/kg	63.54	0.27699087
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	Lead-SEM	10.6		mg/kg	207	0.05120773
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	Nickel-SEM	6.2		mg/kg	58.71	0.10560382
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	Zinc-SEM	101		mg/kg	65.37	1.54505125
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	Acid volatile sulfides	663		mg/kg	32.06	20.679975
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	Cadmium-SEM	0.3		mg/kg	112.3	0.00267142
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	Copper-SEM	10.2		mg/kg	63.54	0.1605288
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	Lead-SEM	22.1		mg/kg	207	0.10676329
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	Nickel-SEM	7.7		mg/kg	58.71	0.13115313
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	Zinc-SEM	232		mg/kg	65.37	3.54902861
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	Acid volatile sulfides	8.2		mg/kg	32.06	0.25577043
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	Cadmium-SEM	0	U	mg/kg	112.3	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	Copper-SEM	2.9		mg/kg	63.54	0.04564054
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	Lead-SEM	8.4		mg/kg	207	0.04057971
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	Mercury-SEM	0	U	mg/kg	200.59	0
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	Nickel-SEM	3.9		mg/kg	58.71	0.06642821
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	Zinc-SEM	6		mg/kg	65.37	0.09178522
Q-9/5/2000	0	10	cm	Q	05-Sep-00	Acid volatile sulfides	62.9		umol/g	32.06	62.9
Q-9/5/2000	0	10	cm	Q	05-Sep-00	Copper-SEM	0.00245		umol/g	63.54	0.00245
Q-9/5/2000	0	10	cm	Q	05-Sep-00	Lead-SEM	0.0636		umol/g	207	0.0636
Q-9/5/2000	0	10	cm	Q	05-Sep-00	Mercury-SEM	2.1E-06		umol/g	200.59	0.0000021
Q-9/5/2000	0	10	cm	Q	05-Sep-00	Nickel-SEM	0.0959		umol/g	58.71	0.0959
Q-9/5/2000	0	10	cm	Q	05-Sep-00	Zinc-SEM	2.4		umol/g	65.37	2.4
Q-4/25/2001	0	10	cm	Q	25-Apr-01	Acid volatile sulfides	97.9		umol/g	32.06	97.9
Q-4/25/2001	0	10	cm	Q	25-Apr-01	Copper-SEM	0.0962		umol/g	63.54	0.0962
Q-4/25/2001	0	10	cm	Q	25-Apr-01	Lead-SEM	0.268		umol/g	207	0.268
Q-4/25/2001	0	10	cm	Q	25-Apr-01	Mercury-SEM	0.00014		umol/g	200.59	0.000142
Q-4/25/2001	0	10	cm	Q	25-Apr-01	Nickel-SEM	0.164		umol/g	58.71	0.164
Q-4/25/2001	0	10	cm	Q	25-Apr-01	Zinc-SEM	4.2		umol/g	65.37	4.2
R-9/5/2000	0	10	cm	R	05-Sep-00	Acid volatile sulfides	16.9		umol/g	32.06	16.9
R-9/5/2000	0	10	cm	R	05-Sep-00	Copper-SEM	0.0122		umol/g	63.54	0.0122
R-9/5/2000	0	10	cm	R	05-Sep-00	Lead-SEM	0.0282		umol/g	207	0.0282
R-9/5/2000	0	10	cm	R	05-Sep-00	Mercury-SEM	1.3E-06		umol/g	200.59	0.0000013
R-9/5/2000	0	10	cm	R	05-Sep-00	Nickel-SEM	0.0592		umol/g	58.71	0.0592
R-9/5/2000	0	10	cm	R	05-Sep-00	Zinc-SEM	1.31		umol/g	65.37	1.31
R-4/26/2001	0	10	cm	R	26-Apr-01	Acid volatile sulfides	11.9		umol/g	32.06	11.9
R-4/26/2001	0	10	cm	R	26-Apr-01	Copper-SEM	0.0157		umol/g	63.54	0.0157
R-4/26/2001	0	10	cm	R	26-Apr-01	Lead-SEM	0.0853		umol/g	207	0.0853
R-4/26/2001	0	10	cm	R	26-Apr-01	Mercury-SEM	5.6E-06		umol/g	200.59	0.0000056
R-4/26/2001	0	10	cm	R	26-Apr-01	Nickel-SEM	0.0408		umol/g	58.71	0.0408
R-4/26/2001	0	10	cm	R	26-Apr-01	Zinc-SEM	1.46		umol/g	65.37	1.46
R-8/12/2003	0	10	cm	R	12-Aug-03	Acid volatile sulfides	15.69		umol/g	32.06	15.69
R-8/12/2003	0	10	cm	R	12-Aug-03	Copper-SEM	0.26		umol/g	63.54	0.26
R-8/12/2003	0	10	cm	R	12-Aug-03	Lead-SEM	0.106		umol/g	207	0.106
R-8/12/2003	0	10	cm	R	12-Aug-03	Mercury-SEM	0	U	umol/g	200.59	0
R-8/12/2003	0	10	cm	R	12-Aug-03	Nickel-SEM	0.0629		umol/g	58.71	0.0629
R-8/12/2003	0	10	cm	R	12-Aug-03	Zinc-SEM	8.21	J	umol/g	65.37	8.21
S-9/5/2000	0	10	cm	S	05-Sep-00	Acid volatile sulfides	7.41		umol/g	32.06	7.41
S-9/5/2000	0	10	cm	S	05-Sep-00	Copper-SEM	0.0198		umol/g	63.54	0.0198
S-9/5/2000	0	10	cm	S	05-Sep-00	Lead-SEM	0.154		umol/g	207	0.154
S-9/5/2000	0	10	cm	S	05-Sep-00	Mercury-SEM	0.00026		umol/g	200.59	0.000258
S-9/5/2000	0	10	cm	S	05-Sep-00	Nickel-SEM	0.0859		umol/g	58.71	0.0859
S-9/5/2000	0	10	cm	S	05-Sep-00	Zinc-SEM	1.65		umol/g	65.37	1.65

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Table B-5 Addendum
Calculation of Metal Mixtures ESB Results in Surface Sediment
3a

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	chemical	result value	qual	result unit	grams mole	result value molar
S-4/24/2001	0	10	cm	S	24-Apr-01	Acid volatile sulfides	61.5		umol/g	32.06	61.5
S-4/24/2001	0	10	cm	S	24-Apr-01	Copper-SEM	0.0891		umol/g	63.54	0.0891
S-4/24/2001	0	10	cm	S	24-Apr-01	Lead-SEM	0.355		umol/g	207	0.355
S-4/24/2001	0	10	cm	S	24-Apr-01	Mercury-SEM	0.00214		umol/g	200.59	0.00214
S-4/24/2001	0	10	cm	S	24-Apr-01	Nickel-SEM	0.132		umol/g	58.71	0.132
S-4/24/2001	0	10	cm	S	24-Apr-01	Zinc-SEM	2.27		umol/g	65.37	2.27
T-9/5/2000	0	10	cm	T	05-Sep-00	Acid volatile sulfides	52.5		umol/g	32.06	52.5
T-9/5/2000	0	10	cm	T	05-Sep-00	Copper-SEM	0.00115		umol/g	63.54	0.00115
T-9/5/2000	0	10	cm	T	05-Sep-00	Lead-SEM	0.0689		umol/g	207	0.0689
T-9/5/2000	0	10	cm	T	05-Sep-00	Mercury-SEM	2.3E-05		umol/g	200.59	0.0000229
T-9/5/2000	0	10	cm	T	05-Sep-00	Nickel-SEM	0.0728		umol/g	58.71	0.0728
T-9/5/2000	0	10	cm	T	05-Sep-00	Zinc-SEM	2.66		umol/g	65.37	2.66
T-4/25/2001	0	10	cm	T	25-Apr-01	Acid volatile sulfides	35.7		umol/g	32.06	35.7
T-4/25/2001	0	10	cm	T	25-Apr-01	Copper-SEM	0.036		umol/g	63.54	0.036
T-4/25/2001	0	10	cm	T	25-Apr-01	Lead-SEM	0.0607		umol/g	207	0.0607
T-4/25/2001	0	10	cm	T	25-Apr-01	Mercury-SEM	0.00028		umol/g	200.59	0.000283
T-4/25/2001	0	10	cm	T	25-Apr-01	Nickel-SEM	0.061		umol/g	58.71	0.061
T-4/25/2001	0	10	cm	T	25-Apr-01	Zinc-SEM	2.14		umol/g	65.37	2.14
U-9/6/2000	0	10	cm	U	06-Sep-00	Acid volatile sulfides	0.371		umol/g	32.06	0.371
U-9/6/2000	0	10	cm	U	06-Sep-00	Copper-SEM	0.0272		umol/g	63.54	0.0272
U-9/6/2000	0	10	cm	U	06-Sep-00	Lead-SEM	0.0359		umol/g	207	0.0359
U-9/6/2000	0	10	cm	U	06-Sep-00	Mercury-SEM	8E-05		umol/g	200.59	0.0000803
U-9/6/2000	0	10	cm	U	06-Sep-00	Nickel-SEM	0.0296		umol/g	58.71	0.0296
U-9/6/2000	0	10	cm	U	06-Sep-00	Zinc-SEM	0.402		umol/g	65.37	0.402
U-4/24/2001	0	10	cm	U	24-Apr-01	Acid volatile sulfides	0.0227		umol/g	32.06	0.0227
U-4/24/2001	0	10	cm	U	24-Apr-01	Copper-SEM	0.0854		umol/g	63.54	0.0854
U-4/24/2001	0	10	cm	U	24-Apr-01	Lead-SEM	0.0457		umol/g	207	0.0457
U-4/24/2001	0	10	cm	U	24-Apr-01	Mercury-SEM	0.00011		umol/g	200.59	0.000107
U-4/24/2001	0	10	cm	U	24-Apr-01	Nickel-SEM	0.0543		umol/g	58.71	0.0543
U-4/24/2001	0	10	cm	U	24-Apr-01	Zinc-SEM	0.192		umol/g	65.37	0.192
V-9/5/2000	0	10	cm	V	05-Sep-00	Acid volatile sulfides	102		umol/g	32.06	102
V-9/5/2000	0	10	cm	V	05-Sep-00	Copper-SEM	0.00985		umol/g	63.54	0.00985
V-9/5/2000	0	10	cm	V	05-Sep-00	Lead-SEM	0.151		umol/g	207	0.151
V-9/5/2000	0	10	cm	V	05-Sep-00	Mercury-SEM	0.00026		umol/g	200.59	0.000257
V-9/5/2000	0	10	cm	V	05-Sep-00	Nickel-SEM	0.0816		umol/g	58.71	0.0816
V-9/5/2000	0	10	cm	V	05-Sep-00	Zinc-SEM	2.94		umol/g	65.37	2.94
V-4/23/2001	0	10	cm	V	23-Apr-01	Acid volatile sulfides	8.73		umol/g	32.06	8.73
V-4/23/2001	0	10	cm	V	23-Apr-01	Copper-SEM	0.00173		umol/g	63.54	0.00173
V-4/23/2001	0	10	cm	V	23-Apr-01	Lead-SEM	0.0918		umol/g	207	0.0918
V-4/23/2001	0	10	cm	V	23-Apr-01	Mercury-SEM	4.3E-05		umol/g	200.59	0.000043
V-4/23/2001	0	10	cm	V	23-Apr-01	Nickel-SEM	0.0375		umol/g	58.71	0.0375
V-4/23/2001	0	10	cm	V	23-Apr-01	Zinc-SEM	1.79		umol/g	65.37	1.79
Y-9/6/2000	0	10	cm	Y	06-Sep-00	Acid volatile sulfides	74.7		umol/g	32.06	74.7
Y-9/6/2000	0	10	cm	Y	06-Sep-00	Copper-SEM	0.0092		umol/g	63.54	0.0092
Y-9/6/2000	0	10	cm	Y	06-Sep-00	Lead-SEM	0.0413		umol/g	207	0.0413
Y-9/6/2000	0	10	cm	Y	06-Sep-00	Mercury-SEM	1.8E-06		umol/g	200.59	0.0000018
Y-9/6/2000	0	10	cm	Y	06-Sep-00	Nickel-SEM	0.0922		umol/g	58.71	0.0922
Y-9/6/2000	0	10	cm	Y	06-Sep-00	Zinc-SEM	8.77		umol/g	65.37	8.77
Y-4/26/2001	0	10	cm	Y	26-Apr-01	Acid volatile sulfides	0.0416		umol/g	32.06	0.0416
Y-4/26/2001	0	10	cm	Y	26-Apr-01	Copper-SEM	0.0402		umol/g	63.54	0.0402
Y-4/26/2001	0	10	cm	Y	26-Apr-01	Lead-SEM	0.0473		umol/g	207	0.0473
Y-4/26/2001	0	10	cm	Y	26-Apr-01	Mercury-SEM	4.3E-05		umol/g	200.59	0.0000432
Y-4/26/2001	0	10	cm	Y	26-Apr-01	Nickel-SEM	0.0503		umol/g	58.71	0.0503
Y-4/26/2001	0	10	cm	Y	26-Apr-01	Zinc-SEM	0.133		umol/g	65.37	0.133

Notes

U - Non Detect. Value is 0 for ESB calculation.

Cadmium was not analyzed for in the SEM metals TMDL dataset.

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Table B-5 Addendum
Calculation of Metals Mixture ESB Results in Surface Sediment
3b

sys sample code	start depth	end depth	depth unit	sys loc code	sample date	result value SEM mole sum	result unit	AVS	FOC	metals ESB SEMAVS (umol/goc)
2.5-9/5/2000	0	10	cm	2.5	05-Sep-00	1.2942536	umol/g	5.13	0.016	-239.734
2.5-4/23/2001	0	10	cm	2.5	23-Apr-01	1.2258388	umol/g	1.66	0.0233	-18.634
3-9/6/2000	0	10	cm	3	06-Sep-00	2.683269	umol/g	46.7	0.026	-1692.951
3-4/24/2001	0	10	cm	3	24-Apr-01	1.9250128	umol/g	54.6	0.0417	-1263.189
3-8/12/2003	0	10	cm	3	12-Aug-03	1.78500135	umol/g	10.19	0.051	-164.804
5-9/5/2000	0	10	cm	5	05-Sep-00	2.8805787	umol/g	19.4	0.037	-446.471
5-4/24/2001	0	10	cm	5	24-Apr-01	6.1234414	umol/g	114	0.0388	-2780.324
7-9/6/2000	0	10	cm	7	06-Sep-00	2.5321053	umol/g	33	0.048	-634.748
7-4/26/2001	0	10	cm	7	26-Apr-01	3.9608989	umol/g	0	0.0469	84.454
7-8/12/2003	0	10	cm	7	12-Aug-03	4.2986	umol/g	14.02	0.027	-360.052
4a-9/5/2000	0	10	cm	4A	05-Sep-00	2.137202	umol/g	33	0.031	-995.574
4A-4/24/2001	0	10	cm	4A	24-Apr-01	1.7307498	umol/g	9.51	0.0275	-282.882
4A-8/12/2003	0	10	cm	4A	12-Aug-03	2.80000139	umol/g	31.75	0.081	-357.407
6a-9/5/2000	0	10	cm	6a	05-Sep-00	2.26858901	umol/g	35.9	0.015	-2242.094
6A-4/25/2001	0	10	cm	6A	25-Apr-01	1.8905815	umol/g	56.4	0.0131	-4161.024
6A-8/12/2003	0	10	cm	6A	12-Aug-03	4.55	umol/g	36.03	0.056	-562.143
E-9/6/2000	0	10	cm	E	06-Sep-00	1.437199	umol/g	1.44	0.014	-0.200
E-4/23/2001	0	10	cm	E	23-Apr-01	2.1649809	umol/g	10.7	0.0241	-354.150
EF001-1SC011-N	0	11	cm	EF-001	05-Oct-06	2.94156275	umol/g	7.0493	0.0234	-175.544
G-9/6/2000	0	10	cm	G	06-Sep-00	2.674113	umol/g	19.5	0.028	-600.925
G-4/24/2001	0	10	cm	G	24-Apr-01	2.209268	umol/g	2.24	0.0223	-1.378
PB003-1SC011-N	0	11	cm	PB-003	02-Oct-06	8.429867613	umol/g	21.928	0.0285	-473.606
PB009-1SC011-N	0	11	cm	PB-009	02-Oct-06	4.84409586	umol/g	2.8072	0.0234	87.045
PB016-1SC011-N	0	11	cm	PB-016	03-Oct-06	2.22663404	umol/g	1.151	0.0081	132.798
PB018-1SC011-N	0	11	cm	PB-018	03-Oct-06	5.020441444	umol/g	22.988	0.0184	-976.506
PB022-1SC011-N	0	11	cm	PB-022	03-Oct-06	6.545991189	umol/g	28.509	0.0231	-950.782
PB030-1SC011-N	0	11	cm	PB-030	04-Oct-06	1.270431656	umol/g	4.6787	0.0164	-207.823
PB036-1SC011-N	0	11	cm	PB-036	04-Oct-06	10.8675666	umol/g	96.07	0.0903	-943.547
PB042-1SC011-N	0	11	cm	PB-042	04-Oct-06	6.3377051	umol/g	40.237	0.0429	-790.195
PB048-1SC011-N	0	11	cm	PB-048	04-Oct-06	10.43440468	umol/g	62.071	0.0366	-1410.839
PB057-1SC011-N	0	11	cm	PB-057	05-Oct-06	5.158780288	umol/g	56.769	0.0209	-2469.367
PB063-1SC011-N	0	11	cm	PB-063	05-Oct-06	1.980634607	umol/g	13.755	0.0076	-1549.319
PB073-1SC011-N	0	11	cm	PB-073	05-Oct-06	3.950145234	umol/g	20.68	0.0044	-3802.234
PB077-1SS007-N	0	7	cm	PB-077	05-Oct-06	0.244433681	umol/g	0.2558	0.0068	-1.667
Q-9/5/2000	0	10	cm	Q	05-Sep-00	2.5619521	umol/g	62.9	0.023	-2623.393
Q-4/25/2001	0	10	cm	Q	25-Apr-01	4.728342	umol/g	97.9	0.0402	-2317.703
R-9/5/2000	0	10	cm	R	05-Sep-00	1.4096013	umol/g	16.9	0.013	-1191.569
R-4/26/2001	0	10	cm	R	26-Apr-01	1.6018056	umol/g	11.9	0.0253	-407.043
R-8/12/2003	0	10	cm	R	12-Aug-03	8.6389	umol/g	15.69	0.03	-235.037
S-9/5/2000	0	10	cm	S	05-Sep-00	1.909958	umol/g	7.41	0.017	-323.532
S-4/24/2001	0	10	cm	S	24-Apr-01	2.84824	umol/g	61.5	0.0348	-1685.395
T-9/5/2000	0	10	cm	T	05-Sep-00	2.8028729	umol/g	52.5	0.021	-2366.530
T-4/25/2001	0	10	cm	T	25-Apr-01	2.297983	umol/g	35.7	0.0219	-1525.206
U-9/6/2000	0	10	cm	U	06-Sep-00	0.4947803	umol/g	0.371	0.018	6.877
U-4/24/2001	0	10	cm	U	24-Apr-01	0.377507	umol/g	0.0227	0.0149	23.813
V-9/5/2000	0	10	cm	V	05-Sep-00	3.182707	umol/g	102	0.027	-3659.900
V-4/23/2001	0	10	cm	V	23-Apr-01	1.921073	umol/g	8.73	0.026	-261.882
Y-9/6/2000	0	10	cm	Y	06-Sep-00	8.9127018	umol/g	74.7	0.186	-353.695
Y-4/26/2001	0	10	cm	Y	26-Apr-01	0.2708432	umol/g	0.0416	0.0126	18.194

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Table B-5 Addendum
Calculation of Metals Mixture ESB Results in Porewater
Example

Step 1				1			2
sys sample code	sys loc code	sample date	chemical	result value Cporewater (ug/L)	qual	FCV (ug/L)	metals IWBU (Cporewater / FCV)
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	cadmium	0	U	9.3	0
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	copper	0.83		3.1	0.268
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	lead	0	U	8.1	0
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	nickel	3.36		8.2	0.410
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	zinc	8.39		81	0.104
Step 2					**Sum Metals IWBU**		**0.781**

Notes
U - Non Detect. Value is 0 for ESB calculation.

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Table B-5 Addendum
Calculation of Metals Mixture ESB Results in Porewater
4a

sys sample code	sys loc code	sample date	chemical	result value Cporewater (ug/L)	qual	FCV (ug/L)	metals IWBU
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	cadmium	0	U	9.3	0
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	copper	0.83		3.1	0.26774194
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	lead	0	U	8.1	0
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	nickel	3.36		8.2	0.4097561
PB06A-IPW011-N-PW	PB-006A	09-Aug-07	zinc	8.39		81	0.10358025
PB06B-IPW011-N-PW	PB-006B	09-Aug-07	cadmium	0	U	9.3	0
PB06B-IPW011-N-PW	PB-006B	09-Aug-07	copper	1.22		3.1	0.39354839
PB06B-IPW011-N-PW	PB-006B	09-Aug-07	lead	0	U	8.1	0
PB06B-IPW011-N-PW	PB-006B	09-Aug-07	nickel	3.36		8.2	0.4097561
PB06B-IPW011-N-PW	PB-006B	09-Aug-07	zinc	8.76		81	0.10814815
PB023-IPW011-N PW	PB-023	03-Aug-07	cadmium	0	U	9.3	0
PB023-IPW011-N PW	PB-023	03-Aug-07	copper	0.46		3.1	0.1483871
PB023-IPW011-N PW	PB-023	03-Aug-07	lead	0	U	8.1	0
PB023-IPW011-N PW	PB-023	03-Aug-07	nickel	3.62		8.2	0.44146341
PB023-IPW011-N PW	PB-023	03-Aug-07	zinc	3.7		81	0.04567901
PB024-IPW011-N PW	PB-024	04-Aug-07	cadmium	0	U	9.3	0
PB024-IPW011-N PW	PB-024	04-Aug-07	copper	0.93		3.1	0.3
PB024-IPW011-N PW	PB-024	04-Aug-07	lead	0	U	8.1	0
PB024-IPW011-N PW	PB-024	04-Aug-07	nickel	3.52		8.2	0.42926829
PB024-IPW011-N PW	PB-024	04-Aug-07	zinc	6.75		81	0.08333333
PB036-IPW011-N PW	PB-036	06-Aug-07	cadmium	0	U	9.3	0
PB036-IPW011-N PW	PB-036	06-Aug-07	copper	1.33		3.1	0.42903226
PB036-IPW011-N PW	PB-036	06-Aug-07	lead	0	U	8.1	0
PB036-IPW011-N PW	PB-036	06-Aug-07	nickel	52.6		8.2	6.41463415
PB036-IPW011-N PW	PB-036	06-Aug-07	zinc	7.52		81	0.09283951
PB044-IPW011-N PW	PB-044	06-Aug-07	cadmium	0	U	9.3	0
PB044-IPW011-N PW	PB-044	06-Aug-07	copper	0.46		3.1	0.1483871
PB044-IPW011-N PW	PB-044	06-Aug-07	lead	0	U	8.1	0
PB044-IPW011-N PW	PB-044	06-Aug-07	nickel	3.56		8.2	0.43414634
PB044-IPW011-N PW	PB-044	06-Aug-07	zinc	3.58		81	0.04419753
PB046-IPW011-N PW	PB-046	07-Aug-07	cadmium	0	U	9.3	0
PB046-IPW011-N PW	PB-046	07-Aug-07	copper	0.78		3.1	0.2516129
PB046-IPW011-N PW	PB-046	07-Aug-07	lead	0	U	8.1	0
PB046-IPW011-N PW	PB-046	07-Aug-07	nickel	11.8		8.2	1.43902439
PB046-IPW011-N PW	PB-046	07-Aug-07	zinc	5.87		81	0.07246914
PB052-IPW011-N-PW	PB-052	07-Aug-07	cadmium	0	U	9.3	0
PB052-IPW011-N-PW	PB-052	07-Aug-07	copper	1.05		3.1	0.33870968
PB052-IPW011-N-PW	PB-052	07-Aug-07	lead	0	U	8.1	0
PB052-IPW011-N-PW	PB-052	07-Aug-07	nickel	6.11		8.2	0.74512195
PB052-IPW011-N-PW	PB-052	07-Aug-07	zinc	7.72		81	0.09530864
PB053-IPW011-N-PW	PB-053	08-Aug-07	cadmium	0	U	9.3	0
PB053-IPW011-N-PW	PB-053	08-Aug-07	copper	0.75		3.1	0.24193548
PB053-IPW011-N-PW	PB-053	08-Aug-07	lead	0	U	8.1	0
PB053-IPW011-N-PW	PB-053	08-Aug-07	nickel	13.5		8.2	1.64634146
PB053-IPW011-N-PW	PB-053	08-Aug-07	zinc	8.18		81	0.10098765
PB059-IPW011-N-PW	PB-059	08-Aug-07	cadmium	0	U	9.3	0
PB059-IPW011-N-PW	PB-059	08-Aug-07	copper	0.97		3.1	0.31290323
PB059-IPW011-N-PW	PB-059	08-Aug-07	lead	0	U	8.1	0
PB059-IPW011-N-PW	PB-059	08-Aug-07	nickel	9.71		8.2	1.18414634
PB059-IPW011-N-PW	PB-059	08-Aug-07	zinc	6.19		81	0.07641975

Notes

U - Non Detect. Value is 0 for ESB calculation.

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Table B-5 Addendum
Calculation of Metals Mixture ESB Results in Porewater
4b

sys loc code	sys sample code	sample date	sum of result Cporewater (ug/L)	Sum of Metals IWBU
PB-006A	PB06A-IPW011-N-PW	9-Aug-07	12.58	0.781
PB-006B	PB06B-IPW011-N-PW	9-Aug-07	13.34	0.911
PB-023	PB023-IPW011-N PW	3-Aug-07	7.78	0.636
PB-024	PB024-IPW011-N PW	4-Aug-07	11.2	0.813
PB-036	PB036-IPW011-N PW	6-Aug-07	61.45	6.937
PB-044	PB044-IPW011-N PW	6-Aug-07	7.6	0.627
PB-046	PB046-IPW011-N PW	7-Aug-07	18.45	1.763
PB-052	PB052-IPW011-N-PW	7-Aug-07	14.88	1.179
PB-053	PB053-IPW011-N-PW	8-Aug-07	22.43	1.989
PB-059	PB059-IPW011-N-PW	8-Aug-07	16.87	1.573

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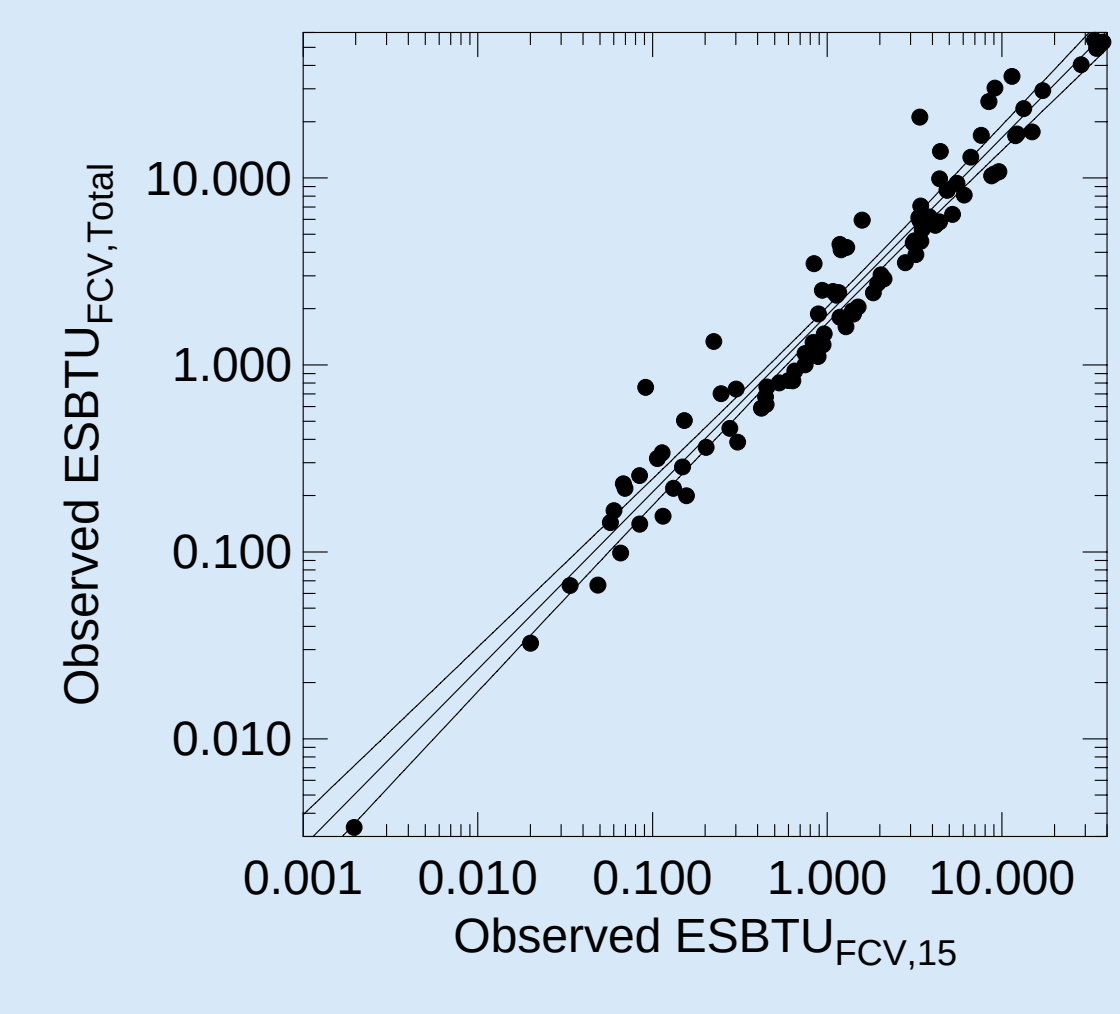

TCEQ Comment Response #13 Exhibit 1.
Regression analysis of ESBTU values calculated using all 34 PAH and a subset of PAH (n=15) using surface sediment results from RI/FS sampling events. The 15 PAH included in the analysis reflect those PAH included in the TMDL studies.

		NOED					LOED					Final Values	
CASRN	Chemical Name	N	Minimum	Maximum	Mean	Geometric Mean	N	Minimum	Maximum	Mean	Geometric Mean	NOED	LOED
634-90-2	1,2,3,5-tetrachlorobenzene	1	13.9	13.9	13.9	13.9						13.9	69.5
95-94-3	1,2,4,5-tetrachlorobenzene						1	220	220	220	220	22.0	220
120-82-1	1,2,4-Trichlorobenzene	8	0.0500	180	87.8	8.41	6	220	465	342	326	8.41	326
95-50-1	1,2-dichlorobenzene	1	0.700	0.700	0.700	0.700						0.700	3.50
528-29-0	1,2-dinitrobenzene	3	0.200	2.09	0.831	0.438						0.438	2.19
611-06-3	1,3-dichloro-4-nitrobenzene	4	111	1330	721	385						385	1930
541-73-1	1,3-dichlorobenzene	11	7.10	170	95.4	68.8	2	170	170	170	170	68.8	170
99-65-0	1,3-dinitrobenzene	3	4.60	57.1	22.1	10.6						10.6	53.2
106-46-7	1,4-dichlorobenzene	6	0.610	103	63.6	33.7	2	103	103	103	103	33.7	103
121-73-3	1-chloro-3-nitrobenzene	3	64.8	815	315	151						151	754
100-00-5	1-chloro-4-nitrobenzene	3	27.7	346	134	64.5						64.5	323
634-83-3	2,3,4,5-Tetrachlorocebenamine						1	0.700	0.700	0.700	0.700	0.0700	0.700
58-90-2	2,3,4,6-Tetrachlorophenol	7	15.0	52.0	35.7	32.3						32.3	161
933-78-8	2,3,5-trichlorophenol	1	2.32	2.32	2.32	2.32						2.32	11.6
1746-01-6	2,3,7,8-TCDD	27	0.0000230	0.900	0.0716	0.000882	15	0.0000400	1.38	0.185	0.000878	0.000882	0.000878
51207-31-9	2,3,7,8-TCDF	3	0.0000900	0.00250	0.000930	0.000356						0.000356	0.00178
576-24-9	2,3-DCP	8	100.0	250	184	173						173	867
3209-22-1	2,3-dichloronitrobenzene	3	68.8	860	332	160						160	799
83-41-0	2,3-dimethylnitrobenzene	3	69.6	869	337	163						163	813
3424-82-6	2,4`-DDE						1	19.6	19.6	19.6	19.6	1.96	19.6
105-67-9	2,4-dimethylphenol	1	1.53	1.53	1.53	1.53	1	59.9	59.9	59.9	59.9	1.53	59.9
51-28-5	2,4-dinitrophenol						1	29.5	29.5	29.5	29.5	2.95	29.5
583-78-8	2,5-DCP	8	32.0	120	72.6	66.5						66.5	332
89-61-2	2,5-dichloronitrobenzene	3	64.5	807	312	151						151	755
87-65-0	2,6-DCP	7	45.0	300	197	155						155	773
579-66-8	2,6-diethylaniline	1	8.50	8.50	8.50	8.50						8.50	42.5
38964-22-6	2,8-Dichlorodibenzo-p-dioxin	2	0.110	3.00	1.56	0.574	2	1.50	6.00	3.75	3.00	0.574	3.00
95-51-2	2-chloroaniline						1	29.0	29.0	29.0	29.0	2.90	29.0
95-57-8	2-chlorophenol	7	1.96	250	138	76.7						76.7	384
2539-17-5	2-methoxytetrachlorophenol	1	24.0	24.0	24.0	24.0						24.0	120
606-20-2	2-methyl-1,3-dinitrobenzene	3	74.9	936	363	176						176	881
618-62-2	3,5-dichloronitrobenzene	3	92.7	1160	448	215						215	1080
500-28-7	3-chloro-dimethyl parathion						1	122	122	122	122	12.2	122
108-43-0	3-chlorophenol	6	25.0	210	93.8	67.8						67.8	339
99-08-1	3-nitrotoluene	3	98.0	1230	474	227						227	1140
72-54-8	4,4`-DDD	1	39.1	39.1	39.1	39.1	1	0.600	0.600	0.600	0.600	39.1	0.600
72-55-9	4,4`-DDE	8	2.68	150	49.1	33.7	3	0.290	2.48	1.17	0.810	33.7	0.810
50-29-3	4,4`-DDT	17	0.0256	58.2	19.7	6.14	13	2.93	68.9	17.6	11.1	6.14	11.1
89-59-8	4-chloro-1-methyl-nitrobenzene	1	104	104	104	104						104	520
106-47-8	4-chloroaniline						1	119	119	119	119	11.9	119
106-48-9	4-chlorophenol	6	30.0	205	165	140						140	701
99-99-0	4-nitrotoluene	2	138	1730	936	489						489	2450
83-32-9	Acenaphthene	1	3.50	3.50	3.50	3.50						3.50	17.5
107-02-8	Acrolein	1	4.50	4.50	4.50	4.50	1	5.30	5.30	5.30	5.30	4.50	5.30
107-13-1	Acrylonitrile	1	0.480	0.480	0.480	0.480						0.480	2.40
309-00-2	Aldrin	1	0.157	0.157	0.157	0.157						0.157	0.785
7429-90-5	Aluminum	2	8.53	12.5	10.5	10.3	1	8.00	8.00	8.00	8.00	10.3	8.00
52315-07-8	Ammo						1	0.0100	0.0100	0.0100	0.0100	0.00100	0.0100
62-53-3	Aniline	1	2.40	2.40	2.40	2.40	1	89.0	89.0	89.0	89.0	2.40	89.0
53469-21-9	Aroclor 1242 or PCB 1242	2	2.17	2.29	2.23	2.23						2.23	11.1
11097-69-1	Aroclor 1254	23	0.160	4240	245	17.3	3	1.53	202	110	33.8	17.3	33.8

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		NOED					LOED					Final Values	
CASRN	Chemical Name	N	Minimum	Maximum	Mean	Geometric Mean	N	Minimum	Maximum	Mean	Geometric Mean	NOED	LOED
11100-14-4	Aroclor 1268	3	14.0	15.0	14.7	14.7						14.7	73.3
98-50-0	Arsanilic acid	1	1.22	1.22	1.22	1.22						1.22	6.10
7440-38-2	Arsenic	13	0.500	116	28.0	4.26	7	1.50	11.6	4.85	3.41	4.26	3.41
1327-52-2	Arsenic acid	2	1.22	1.22	1.22	1.22						1.22	6.10
1912-24-9	Atrazine	1	0.320	0.320	0.320	0.320	2	0.400	0.420	0.410	0.410	0.320	0.410
100-52-7	Benzaldehyde						1	1400	1400	1400	1400	140	1400
50-32-8	Benzo[a]pyrene	1	12.3	12.3	12.3	12.3						12.3	61.7
65-85-0	Benzoic Acid	1	3.40	3.40	3.40	3.40						3.40	17.0
7440-41-7	Beryllium	1	5.13	5.13	5.13	5.13						5.13	25.7
111-44-4	Bis(2-chloroethyl)ether	1	0.110	0.110	0.110	0.110						0.110	0.550
2104-96-3	Bromophos						1	1830	1830	1830	1830	183	1830
85-68-7	Butylbenzylphthalate	1	6.45	6.45	6.45	6.45						6.45	32.3
7440-43-9	Cadmium	111	0.00000200	751	15.2	0.00549	18	0.0320	144	19.0	2.29	0.00549	2.29
7440-70-2	Calcium	16	0.300	6.30	2.05	1.04						1.04	5.22
67-72-1	Carbon Hexachloride	1	0.860	0.860	0.860	0.860						0.860	4.30
56-23-5	Carbon tetrachloride	1	1.57	1.57	1.57	1.57						1.57	7.85
57-74-9	Chlordane	10	0.0100	87.0	10.8	0.381	5	3.18	281	63.1	14.1	0.381	14.1
83-42-1	chloro-2-methyl-3-nitrobenzene	3	98.4	1230	477	231						231	1160
108-90-7	Chlorobenzene	2	1.40	34.3	17.9	6.93						6.93	34.6
2921-88-2	Chlorpyrifos	12	0.00590	175	15.0	0.262	11	0.0380	2020	326	7.80	0.262	7.80
7440-47-3	Chromium	8	0.263	1.76	1.25	1.07						1.07	5.33
18540-29-9	Chromium VI	2	2.30	5.50	3.90	3.56						3.56	17.8
88-73-3	CNB	3	93.6	1170	452	217						217	1090
7440-50-8	Copper	25	0.450	19.8	5.47	3.41	12	1.96	24.1	12.3	9.65	3.41	9.65
41198-08-7	Curacron	1	10.4	10.4	10.4	10.4	3	5.30	97.0	40.4	21.4	10.4	21.4
120-83-2	DCP	7	75.0	225	133	125						125	624
78-48-8	DEF (Tribuphos)	8	0.390	30.5	6.21	1.82	11	0.710	45.8	6.47	2.75	1.82	2.75
117-81-7	DEHP	1	0.660	0.660	0.660	0.660						0.660	3.30
60-57-1	Dieldrin	6	0.110	28.0	7.21	1.50	1	34.0	34.0	34.0	34.0	1.50	34.0
84-66-2	DIETHYLPHTHALATE	1	1.10	1.10	1.10	1.10						1.10	5.50
131-11-3	Dimethyl phthalate	1	0.500	0.500	0.500	0.500						0.500	2.50
75-60-5	Dimethylarsenic acid	3	2.28	2.28	2.28	2.28						2.28	11.4
10048-95-0	Disodium Arsenate heptahydrate						1	0.620	0.620	0.620	0.620	0.0620	0.620
121-14-2	DNT	3	40.8	510	197	94.9						94.9	474
95-95-4	Dowicide 2	8	36.0	50.0	44.6	44.3						44.3	221
88-06-2	Dowicide 2S	8	9.90	153	81.0	60.8						60.8	304
115-29-7	Endosulfan	1	0.195	0.195	0.195	0.195						0.195	0.975
72-20-8	Endrin	18	0.0800	1.80	0.405	0.306	7	0.0115	3.40	0.959	0.417	0.306	0.417
76-01-7	Ethane pentachloride	2	0.530	3000	1500	39.9						39.9	199
107-06-2	Ethylene dichloride	1	0.190	0.190	0.190	0.190						0.190	0.950
55-38-9	Fenthion						1	2840	2840	2840	2840	284	2840
51630-58-1	Fenvalerate	8	0.200	1.40	0.769	0.651	8	0.160	3.20	1.14	0.846	0.651	0.846
70124-77-5	Flucythrinate	3	0.160	0.500	0.277	0.239	2	0.170	0.500	0.335	0.292	0.239	0.292
76-44-8	Heptachlor	5	0.0100	10.4	4.18	0.491	1	10.4	10.4	10.4	10.4	0.491	10.4
1024-57-3	Heptachlor epoxide	5	0.0100	8.00	3.09	0.444	1	8.00	8.00	8.00	8.00	0.444	8.00
2440-02-0	Heptachlorononorbornene	2	300	420	360	355						355	1770
87-68-3	Hexachlorobutadiene						3	17.8	34.8	26.7	25.8	2.58	25.8
28680-44-6	Hexachlorononorbornadiene	1	260	260	260	260						260	1300
7439-89-6	Iron	2	9.00	54.0	31.5	22.0						22.0	110
78-59-1	Isophorone	1	0.650	0.650	0.650	0.650						0.650	3.25
0	Jet fuel -8	3	88.0	180	149	142						142	709

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		NOED					LOED					Final Values	
CASRN	Chemical Name	N	Minimum	Maximum	Mean	Geometric Mean	N	Minimum	Maximum	Mean	Geometric Mean	NOED	LOED
143-50-0	Kepone	16	0.110	5.90	1.36	0.785	12	0.0500	500	43.4	1.48	0.785	1.48
115-32-2	Kethane	2	81.0	230	156	136	1	230	230	230	230	136	230
7439-92-1	Lead	4	0.150	4.02	2.69	1.58	1	4.00	4.00	4.00	4.00	1.58	4.00
58-89-9	Lindane	6	1.20	9.53	6.32	4.83	1	9.53	9.53	9.53	9.53	4.83	9.53
121-75-5	Malathion						1	49.0	49.0	49.0	49.0	4.90	49.0
22967-92-6	MeHg	12	0.630	11.0	5.83	4.10	3	0.700	10.00	6.23	3.83	4.10	3.83
7439-97-6	Mercury	23	0.135	12.0	3.58	1.56	9	1.31	18.8	4.98	3.37	1.56	3.37
950-37-8	Methidathion						1	0.756	0.756	0.756	0.756	0.0756	0.756
100-66-3	Methoxybenzene	1	0.440	0.440	0.440	0.440						0.440	2.20
72-43-5	Methoxychlor	4	0.0600	0.520	0.238	0.180						0.180	0.902
71-55-6	Methyl Chloroform	1	0.660	0.660	0.660	0.660						0.660	3.30
22967-92-6	Methyl Mercury	12	0.630	11.0	5.83	4.10	3	0.700	10.00	6.23	3.83	4.10	3.83
67-66-3	Methyl Trichloride	1	0.660	0.660	0.660	0.660						0.660	3.30
88-72-2	methylnitrobenzene	3	100.0	1250	484	232						232	1160
2385-85-5	Mirex	24	0.0200	469	95.4	11.2	5	8.00	31.0	17.3	15.2	11.2	15.2
91-20-3	Naphthalene						1	17.0	17.0	17.0	17.0	1.70	17.0
98-95-3	nitrobenzene	4	5.00	363	106	35.1						35.1	176
86-30-6	N-nitrosodiphenylamine	1	2.00	2.00	2.00	2.00						2.00	10.00
789-02-6	o,p`-DDT	2	43.0	43.0	43.0	43.0	2	77.3	77.3	77.3	77.3	43.0	77.3
39001-02-0	OCDF						1	0.700	0.700	0.700	0.700	0.0700	0.700
29063-28-3	Octanol						1	213	213	213	213	21.3	213
130498-29-2	PAH	4	0.300	1.56	0.825	0.659						0.659	3.29
0	PBDE	24	0.00000010	0.000110	0.0000368	0.00000693						0.00000693	0.0000347
40088-47-9	PBDE-47	4	51.0	61.0	56.0	55.8						55.8	279
37680-73-2	PCB 101	18	1120	4690	2900	2290						2290	11400
35065-28-2	PCB 138	6	946	3980	2460	1940						1940	9700
35065-27-1	PCB 153	8	0.0000400	10900	4520	36.2						36.2	181
35065-29-3	PCB 180	8	0.0000600	7920	3420	36.5						36.5	183
35693-99-3	PCB 52	10	0.0000300	3260	1310	15.6						15.6	77.8
32598-13-3	PCB 77	1	1.68	1.68	1.68	1.68						1.68	8.40
1336-36-3	PCBs	26	0.140	230	44.2	10.6	23	0.140	1100	92.2	7.69	10.6	7.69
608-93-5	PCBz	8	17.5	380	307	237						237	1190
87-86-5	PCP	43	0.0400	81.0	36.7	19.8	9	10.8	69.0	34.6	29.8	19.8	29.8
131-52-2	PCP sodium salt	2	14.5	29.8	22.2	20.8	1	72.7	72.7	72.7	72.7	20.8	72.7
608-93-5	Pentachlorobenzene	8	17.5	380	307	237						237	1190
118-74-1	Perchlorobenzene	23	4.00	120	44.5	27.8						27.8	139
52645-53-1	Permethrin	6	0.480	5.70	3.84	2.97	3	0.500	4.51	1.92	1.19	2.97	1.19
85-01-8	Phenanthrene	6	17.0	115	49.0	36.6						36.6	183
108-95-2	Phenol	6	66.0	130	105	102	1	73.4	73.4	73.4	73.4	102	73.4
6515-38-4	Pyridinol	1	0.890	0.890	0.890	0.890						0.890	4.45
121-82-4	RDX	6	0.500	4.50	2.42	1.77						1.77	8.83
83-79-4	Rotenone						1	0.350	0.350	0.350	0.350	0.0350	0.350
13410-01-0	Selenate	1	12.2	12.2	12.2	12.2	1	10.3	10.3	10.3	10.3	12.2	10.3
7782-49-2	Selenium	43	0.120	12.2	2.19	1.34	22	0.180	17.8	3.34	1.90	1.34	1.90
1464-42-2	Selenomethionine	2	1.41	1.41	1.41	1.41	1	1.20	1.20	1.20	1.20	1.41	1.20
63-25-2	Sevin	2	0.00900	0.0110	0.0100	0.00995	1	36.0	36.0	36.0	36.0	0.00995	36.0
7440-22-4	Silver	18	0.00300	2.02	0.598	0.250						0.250	1.25
333-41-5	Spectracide or Diazinon	7	0.0500	800	116	2.50	4	0.0500	1000	268	4.13	2.50	4.13
76252-60-6	TCBT	1	727	727	727	727						727	3640
1746-01-6	TCDD	27	0.0000230	0.900	0.0716	0.000882	15	0.0000400	1.38	0.185	0.000878	0.000882	0.000878
79-01-6	TCE	1	0.140	0.140	0.140	0.140						0.140	0.700

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		NOED					LOED					Final Values	
CASRN	Chemical Name	N	Minimum	Maximum	Mean	Geometric Mean	N	Minimum	Maximum	Mean	Geometric Mean	NOED	LOED
25167-83-3	TeCP	2	1.49	1.49	1.49	1.49						1.49	7.45
3383-96-8	Temephos	2	8.86	300	154	51.6	2	0.160	0.160	0.160	0.160	51.6	0.160
634-66-2	Tetrachlorobenzenes	11	46.0	1100	395	238	2	1100	1100	1100	1100	238	1100
79-34-5	Tetrachloroethane	1	0.0770	0.0770	0.0770	0.0770						0.0770	0.385
127-18-4	Tetrachloroethylene	1	0.170	0.170	0.170	0.170						0.170	0.850
7440-28-0	Thallium	1	2.72	2.72	2.72	2.72						2.72	13.6
118-96-7	TNT	6	0.00300	0.0135	0.00833	0.00756						0.00756	0.0378
8001-35-2	Toxaphene	41	0.200	38.0	5.82	2.72	17	0.400	36.0	6.79	2.41	2.72	2.41
56-35-9	Tributyltin oxide	3	2.60	4.19	3.13	3.05	1	0.270	0.270	0.270	0.270	3.05	0.270
1582-09-8	Trifluralin	4	0.680	120	32.6	6.65						6.65	33.3
639-58-7	Triphenyltin chloride						2	6.50	9.60	8.05	7.90	0.790	7.90
7440-62-2	Vanadium	2	0.680	5.30	2.99	1.90	2	0.410	2.70	1.56	1.05	1.90	1.05
7440-66-6	Zinc	13	0.284	300	97.4	39.4	5	4.50	300	159	80.0	39.4	80.0

NOED - No observed effects dose
LOED - Lowest observed effects dose

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ERED Chemical Class	ERED Chemical Name	CASRN	Species	Common name	Phylum	HABITAT	Salinity Regime
DIOX	2,3,7,8-TCDF	51207-31-9	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
DIOX	2,8-Dichlorodibenzo-p-dioxin	38964-22-6	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
DIOX	Dioxin/furan congeners	1746-01-6	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
DIOX	Dioxin/furan congeners	1746-01-6	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
DIOX	Dioxin/furan congeners	1746-01-6	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
DIOX	Dioxin/furan congeners	1746-01-6	*Oncorhynchus kisutch*	Salmon-coho	Chordata	NW America and Asian Coast. Streams in Spring, Fall	SW, FW
DIOX	Dioxin/furan congeners	1746-01-6	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
DIOX	Dioxin/furan congeners	1746-01-6	*Perca flavescens*	Yellow perch	Chordata	East US to NS streams, lakes	FW
DIOX	Dioxin/furan congeners	1746-01-6	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
DIOX	Dioxin/furan congeners	1746-01-6	*Salvelinus namaycush*	Trout -Lake	Chordata	Deep waters of cold northern lakes	FW
DIOX	OCDF	39001-02-0	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
DIOX	TCDD	1746-01-6	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
DIOX	TCDD	1746-01-6	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
DIOX	TCDD	1746-01-6	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
DIOX	TCDD	1746-01-6	*Oncorhynchus kisutch*	Salmon-coho	Chordata	NW America and Asian Coast. Streams in Spring, Fall	SW, FW
DIOX	TCDD	1746-01-6	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
DIOX	TCDD	1746-01-6	*Perca flavescens*	Yellow perch	Chordata	East US to NS streams, lakes	FW
DIOX	TCDD	1746-01-6	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
DIOX	TCDD	1746-01-6	*Salvelinus namaycush*	Trout -Lake	Chordata	Deep waters of cold northern lakes	FW
HERB	DEF (Tribuphos)	78-48-8	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
HERB	DEF (Tribuphos)	78-48-8	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
HERB	Trifluralin	1582-09-8	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
HERB	Trifluralin	1582-09-8	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
MET	Aluminum	7429-90-5	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Aluminum	7429-90-5	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
MET	Aluminum	7429-90-5	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
MET	Arsanilic acid	98-50-0	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Arsenic	7440-38-2	*Lepomis cyanellus*	Green sunfish	Chordata	Vegetation in lakes, ponds, streams	FW
MET	Arsenic	7440-38-2	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
MET	Arsenic	7440-38-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Arsenic acid	1327-52-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Beryllium	7440-41-7	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
MET	Cadmium	7440-43-9	*Chelon labrosus*	thicklipped mullet	Chordata	Not Specified	
MET	Cadmium	7440-43-9	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
MET	Cadmium	7440-43-9	*Gasterosteus aculeatus*	Three-spined Stickleback	Chordata	Shore zone northern hemisphere	E
MET	Cadmium	7440-43-9	*Jordanella floridae*	American flagfish	Chordata	Peninsular Florida north to St. Johns and Ochlockonee River drainages; in vegetated sloughs, lakes, sluggish streams	FW
MET	Cadmium	7440-43-9	*Lates calcarifer*	Seabass; Barramundi; Giant Perch	Chordata	Not Specified	
MET	Cadmium	7440-43-9	*Leiostomus xanthurus*	Spot	Chordata	Inshore waters Texas to southern New England	E, SW
MET	Cadmium	7440-43-9	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
MET	Cadmium	7440-43-9	*Nomacheilus barbatulus*	Stone Loach	Chordata	Not Specified	
MET	Cadmium	7440-43-9	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Cadmium	7440-43-9	*Platichthys flesus*	European Flounder	Chordata	Not Specified	
MET	Cadmium	7440-43-9	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
MET	Cadmium	7440-43-9	*Salvelinus confluentus*	Bull Trout	Chordata	Not Specified	
MET	Cadmium	7440-43-9	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
MET	Cadmium	7440-43-9	*Triborodon hakonensis*	Dace	Chordata	Not Specified	
MET	Calcium	7440-70-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Chromium	7440-47-3	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
MET	Chromium	7440-47-3	*Oncorhynchus tshawytscha*	Salmon - Chinook	Chordata	Both coasts of Pacific; Monterey Bay and China north to Bering Straits, ascending all large streams, e.g., Columbia River	SW, FW
MET	Chromium VI	18540-29-9	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Copper	7440-50-8	*Cyprinus carpio*	Common carp	Chordata	Warm lakes, ponds, streams	FW
MET	Copper	7440-50-8	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Copper	7440-50-8	*Salvelinus confluentus*	Bull Trout	Chordata	Not Specified	
MET	Copper	7440-50-8	*Terapon jarbua*	Grunt	Chordata	Not Specified	SW
MET	Dimethylarsenic acid	75-60-5	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Disodium Arsenate heptahydrate	10048-95-0	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Iron	7439-89-6	*Salmo trutta*	Trout - Brown	Chordata	Endemic in Europe; introduced into various cool streams and lakes in U.S.	FW
MET	Lead	7439-92-1	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Lead	7439-92-1	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
MET	MeHg	22967-92-6	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
MET	MeHg	22967-92-6	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	MeHg	22967-92-6	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
MET	MeHg	22967-92-6	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
MET	MeHg	22967-92-6	*Thymallus thymallus*	Grayling	Chordata	NS	
MET	Mercury	7439-97-6	*Anguilla anguilla*	European eel	Chordata	Not Specified	FW, SW

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ERED Chemical Class	ERED Chemical Name	CASRN	Species	Common name	Phylum	HABITAT	Salinity Regime
MET	Mercury	7439-97-6	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
MET	Mercury	7439-97-6	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Mercury	7439-97-6	*Perca flavescens*	Yellow perch	Chordata	East US to NS streams, lakes	FW
MET	Mercury	7439-97-6	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
MET	Mercury	7439-97-6	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
MET	Mercury	7439-97-6	*Stizostedion vitreum*	Walleye	Chordata	Great Lakes region, upper Mississippi north to Assiniboia, east toVT, PA, GA, AB; in clear water with rocks, gravel, sand bottom	FW
MET	Mercury	7439-97-6	*Thymallus thymallus*	Grayling	Chordata	NS	
MET	Methyl Mercury	22967-92-6	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
MET	Methyl Mercury	22967-92-6	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Methyl Mercury	22967-92-6	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
MET	Methyl Mercury	22967-92-6	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
MET	Methyl Mercury	22967-92-6	*Thymallus thymallus*	Grayling	Chordata	NS	
MET	Selenate	13410-01-0	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
MET	Selenium	7782-49-2	*Acipenser transmontanus*	White sturgeon	Chordata	Not Specified	
MET	Selenium	7782-49-2	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
MET	Selenium	7782-49-2	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
MET	Selenium	7782-49-2	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
MET	Selenium	7782-49-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Selenium	7782-49-2	*Oncorhynchus tshawytscha*	Salmon - Chinook	Chordata	Both coasts of Pacific; Monterey Bay and China north to Bering Straits, ascending all large streams, e.g., Columbia River	SW, FW
MET	Selenium	7782-49-2	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
MET	Selenomethionine	1464-42-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Silver	7440-22-4	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
MET	Silver	7440-22-4	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
MET	Silver	7440-22-4	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Silver	7440-22-4	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
MET	Silver	7440-22-4	*Terapon jarbua*	Grunt	Chordata	Not Specified	SW
MET	Thallium	7440-28-0	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
MET	Vanadium	7440-62-2	*Jordanella floridae*	American flagfish	Chordata	Peninsular Florida north to St. Johns and Ochlockonee River drainages; in vegetated sloughs, lakes, sluggish streams	FW
MET	Vanadium	7440-62-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MET	Zinc	7440-66-6	*Jordanella floridae*	American flagfish	Chordata	Peninsular Florida north to St. Johns and Ochlockonee River drainages; in vegetated sloughs, lakes, sluggish streams	FW
MET	Zinc	7440-66-6	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
MET	Zinc	7440-66-6	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
MET	Zinc	7440-66-6	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
MUC	Jet fuel -8	0000	*Jordanella floridae*	American flagfish	Chordata	Peninsular Florida north to St. Johns and Ochlockonee River drainages; in vegetated sloughs, lakes, sluggish streams	FW
MUC	Jet fuel -8	0000	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
MUC	RDX	121-82-4	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
MUC	TNT	118-96-7	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
OTIN	Triphenyltin chloride	639-58-7	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
PBDEs	PBDE-47	40088-47-9	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PBDEs	PBDE-47	40088-47-9	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PCB	Aroclor 1242 or PCB 1242	53469-21-9	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
PCB	Aroclor 1254	11097-69-1	*Brachydanio rerio*	Zebra Fish	Chordata	Native to tributaries and branches of Ganges River, India; common aquarium fish elsewhere	FW
PCB	Aroclor 1254	11097-69-1	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
PCB	Aroclor 1254	11097-69-1	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PCB	Aroclor 1254	11097-69-1	*Oncorhynchus tshawytscha*	Salmon - Chinook	Chordata	Both coasts of Pacific; Monterey Bay and China north to Bering Straits, ascending all large streams, e.g., Columbia River	SW, FW
PCB	Aroclor 1254	11097-69-1	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
PCB	Aroclor 1254	11097-69-1	*Salvelinus namaycush*	Trout -Lake	Chordata	Deep waters of cold northern lakes	FW
PCB	Aroclor 1268	11100-14-4	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
PCB	PCB 101	37680-73-2	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PCB	PCB 138	35065-28-2	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PCB	PCB 153	35065-27-1	*Cyprinus carpio*	Common carp	Chordata	Warm lakes, ponds, streams	FW
PCB	PCB 153	35065-27-1	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PCB	PCB 180	35065-29-3	*Cyprinus carpio*	Common carp	Chordata	Warm lakes, ponds, streams	FW
PCB	PCB 180	35065-29-3	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PCB	PCB 52	35693-99-3	*Cyprinus carpio*	Common carp	Chordata	Warm lakes, ponds, streams	FW
PCB	PCB 52	35693-99-3	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PCB	PCB 52	35693-99-3	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PCB	PCB 77	32598-13-3	*Thymallus arcticus*	Arctic Grayling	Chordata	Not Specified	
PCB	PCB congeners	1336-36-3	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PCB	PCB congeners	1336-36-3	*Danio rerio*	Zebra Danio	Chordata	Not Specified	
PCB	PCB congeners	1336-36-3	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW

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ERED Chemical Class	ERED Chemical Name	CASRN	Species	Common name	Phylum	HABITAT	Salinity Regime
PCB	PCB congeners	1336-36-3	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
PCB	PCB congeners	1336-36-3	*Leiostomus xanthurus*	Spot	Chordata	Inshore waters Texas to southern New England	E, SW
PCB	PCB congeners	1336-36-3	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
PCB	PCB congeners	1336-36-3	*Morone saxatilis*	Striped Bass	Chordata	Inshore fish in various habitats in estuaries and rivers	E, SW
PCB	PCB congeners	1336-36-3	*Oncorhynchus kisutch*	Salmon-coho	Chordata	NW America and Asian Coast. Streams in Spring, Fall	SW, FW
PCB	PCB congeners	1336-36-3	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PCB	PCB congeners	1336-36-3	*Phoxinus phoxinus*	Minnow	Chordata	Not Specified	
PCB	PCB congeners	1336-36-3	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
PCB	PCB congeners	1336-36-3	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
PCB	PCB congeners	1336-36-3	*Salvelinus namaycush*	Trout -Lake	Chordata	Deep waters of cold northern lakes	FW
PEST	2,4`-DDE	3424-82-6	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	3-chloro-dimethyl parathion	500-28-7	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
PEST	4,4'-DDD	72-54-8	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	4,4'-DDD	72-54-8	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	4,4'-DDE	72-55-9	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	4,4'-DDE	72-55-9	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
PEST	4,4'-DDE	72-55-9	*Salvelinus namaycush*	Trout -Lake	Chordata	Deep waters of cold northern lakes	FW
PEST	4,4'-DDT	50-29-3	*Brevoortia tyrannus*	Atlantic menhaden	Chordata	Nearshore; Nova Scotia to Florida to Brazil	
PEST	4,4'-DDT	50-29-3	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
PEST	4,4'-DDT	50-29-3	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	4,4'-DDT	50-29-3	*Lepomis cyanellus*	Green sunfish	Chordata	Vegetation in lakes, ponds, streams	FW
PEST	4,4'-DDT	50-29-3	*Lepomis gibbosus*	Pumpkinseed	Chordata	Vegetation in lakes, ponds, streams	FW
PEST	4,4'-DDT	50-29-3	*Oncorhynchus kisutch*	Salmon-coho	Chordata	NW America and Asian Coast. Streams in Spring, Fall	SW, FW
PEST	4,4'-DDT	50-29-3	*Oncorhynchus tshawytscha*	Salmon - Chinook	Chordata	Both coasts of Pacific; Monterey Bay and China north to Bering Straits, ascending all large streams, e.g., Columbia River	SW, FW
PEST	4,4'-DDT	50-29-3	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	4,4'-DDT	50-29-3	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
PEST	4,4'-DDT	50-29-3	*Salvelinus namaycush*	Trout -Lake	Chordata	Deep waters of cold northern lakes	FW
PEST	Aldrin	309-00-2	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	alpha-Chlordane	57-74-9	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	alpha-Chlordane	57-74-9	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
PEST	alpha-Chlordane	57-74-9	*Leiostomus xanthurus*	Spot	Chordata	Inshore waters Texas to southern New England	E, SW
PEST	Ammo	52315-07-8	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
PEST	Atrazine	1912-24-9	*Coregonus fera*	Whitefish	Chordata	Not Specified	
PEST	Bromophos	2104-96-3	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
PEST	Chlorpyrifos	2921-88-2	*Aphanius iberus*	Spanish toothcarp	Chordata	Not Specified	
PEST	Chlorpyrifos	2921-88-2	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	Chlorpyrifos	2921-88-2	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
PEST	Chlorpyrifos	2921-88-2	*Leuresthes tenuis*	California grunion	Chordata	Coast of California from San Francisco to San Diego; sandy and gravely shores	SW
PEST	Chlorpyrifos	2921-88-2	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
PEST	Chlorpyrifos	2921-88-2	*Opsanus beta*	Gulf Toadfish	Chordata	Inshore waters around Gulf of Mexico, sandy or muddy bottoms under stones or debris in hollowed-out den	SW, E
PEST	Chlorpyrifos	2921-88-2	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Curacron	41198-08-7	*Melanotaenia duboulayi*	Eastern Rainbowfish	Chordata	Not Specified	
PEST	Dieldrin	60-57-1	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Dieldrin	60-57-1	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	Dieldrin	60-57-1	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
PEST	Dieldrin	60-57-1	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PEST	Dowicide 2	95-95-4	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
PEST	Dowicide 2S	88-06-2	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
PEST	Dowicide 2S	88-06-2	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
PEST	Endosulfan I	115-29-7	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
PEST	Endrin	72-20-8	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Endrin	72-20-8	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	Endrin	72-20-8	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
PEST	Endrin	72-20-8	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
PEST	Endrin	72-20-8	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
PEST	Endrin	72-20-8	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PEST	Endrin	72-20-8	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Endrin	72-20-8	*Poecilia latipinna*	Sailfin molly	Chordata	Atlantic, Gulf Coast drainages from Cape Fear, NC to Vera Crux, Mexico; introduced into Colorado River	FW
PEST	Fenthion	55-38-9	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
PEST	Fenvalerate	51630-58-1	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E

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ERED Chemical Class	ERED Chemical Name	CASRN	Species	Common name	Phylum	HABITAT	Salinity Regime
PEST	Fenvalerate	51630-58-1	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Fenvalerate	51630-58-1	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
PEST	Flucythrinate	70124-77-5	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Flucythrinate	70124-77-5	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	gamma-BHC (Lindane)	58-89-9	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	gamma-BHC (Lindane)	58-89-9	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
PEST	gamma-BHC (Lindane)	58-89-9	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
PEST	Heptachlor	76-44-8	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Heptachlor	76-44-8	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
PEST	Heptachlor	76-44-8	*Leiostomus xanthurus*	Spot	Chordata	Inshore waters Texas to southern New England	E, SW
PEST	Heptachlor Epoxide	1024-57-3	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Heptachlor Epoxide	1024-57-3	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
PEST	Heptachlor Epoxide	1024-57-3	*Leiostomus xanthurus*	Spot	Chordata	Inshore waters Texas to southern New England	E, SW
PEST	Heptachloronorbornene	2440-02-0	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Hexachloronorbornadiene	28680-44-6	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Kepone	143-50-0	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Kepone	143-50-0	*Leiostomus xanthurus*	Spot	Chordata	Inshore waters Texas to southern New England	E, SW
PEST	Kepone	143-50-0	*Petromyzon marinus*	Sea Lamprey	Chordata	Norway to Mediterranean; west coast of Greenland to Florida; introduced on west coast; landlocked in some lakes	SW, FW
PEST	Kepone	143-50-0	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Kethane	115-32-2	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Malathion	121-75-5	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PEST	Methoxychlor	72-43-5	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	Methoxychlor	72-43-5	*Mugil cephalus*	Striped mullet	Chordata	Both sides of temperate Atlantic, Cape Cod to Brazil; Monterey to Chile on west coast; in large schools in bays, lagoons	SW, E
PEST	Mirex	2385-85-5	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
PEST	Mirex	2385-85-5	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Mirex	2385-85-5	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
PEST	Mirex	2385-85-5	*Mugil cephalus*	Striped mullet	Chordata	Both sides of temperate Atlantic, Cape Cod to Brazil; Monterey to Chile on west coast; in large schools in bays, lagoons	SW, E
PEST	Mirex	2385-85-5	*Oncorhynchus kisutch*	Salmon-coho	Chordata	NW America and Asian Coast. Streams in Spring, Fall	SW, FW
PEST	Mirex	2385-85-5	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Mirex	2385-85-5	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
PEST	o,p`-DDT	789-02-6	*Poecilia latipinna*	Sailfin molly	Chordata	Atlantic, Gulf Coast drainages from Cape Fear, NC to Vera Crux, Mexico; introduced into Colorado River	FW
PEST	Permethrin	52645-53-1	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Permethrin	52645-53-1	*Oreochromis aureus*	Blue tilipia	Chordata	Not Specified	
PEST	Permethrin	52645-53-1	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Permethrin	52645-53-1	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
PEST	Rotenone	83-79-4	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PEST	Sevin	63-25-2	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
PEST	Sevin	63-25-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
PEST	Spectracide or Diazinon	333-41-5	*Brachydanio rerio*	Zebra Fish	Chordata	Native to tributaries and branches of Ganges River, India; common aquarium fish elsewhere	FW
PEST	Spectracide or Diazinon	333-41-5	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Spectracide or Diazinon	333-41-5	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
PEST	TCBT	76252-60-6	*Brachydanio rerio*	Zebra Fish	Chordata	Native to tributaries and branches of Ganges River, India; common aquarium fish elsewhere	FW
PEST	Temephos	3383-96-8	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
PEST	Temephos	3383-96-8	*Oreochromis mossambicus*	Mozambique tilapia	Chordata	Not Specified	FW
PEST	Toxaphene	8001-35-2	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST	Toxaphene	8001-35-2	*Fundulus similis*	Longnose killifish	Chordata	Florida to Texas. Brackish waters and shallow bays	
PEST	Toxaphene	8001-35-2	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
PEST	Toxaphene	8001-35-2	*Ictalurus punctatus*	Catfish-Channel	Chordata	Rapid water streams	FW
PEST	Toxaphene	8001-35-2	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
PEST	Toxaphene	8001-35-2	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
PEST	Toxaphene	8001-35-2	*Salvelinus fontinalis*	Trout - Brook	Chordata	Cool streams, gravel bottoms	FW
PEST/OTIN	Tributyltin oxide	56-35-9	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
PEST/OTIN	Tributyltin oxide	56-35-9	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	1,2,3,5-tetrachlorobenzene	634-90-2	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	1,2,4,5-tetrachlorobenzene	95-94-3	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	1,2,4-Trichlorobenzene	120-82-1	*Leiostomus xanthurus*	Spot	Chordata	Inshore waters Texas to southern New England	E, SW
SVOC	1,2,4-Trichlorobenzene	120-82-1	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	1,2,4-Trichlorobenzene	120-82-1	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
SVOC	1,2-dinitrobenzene	528-29-0	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	1,3-dichloro-4-nitrobenzene	611-06-3	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	1,3-dinitrobenzene	99-65-0	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	1-chloro-3-nitrobenzene	121-73-3	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	1-chloro-4-nitrobenzene	100-00-5	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW

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ERED Chemical Class	ERED Chemical Name	CASRN	Species	Common name	Phylum	HABITAT	Salinity Regime
SVOC	2,3,4,5-Tetrachlorocebenamine	634-83-3	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	2,3,4,6-Tetrachlorophenol	58-90-2	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	2,3,5-trichlorophenol	933-78-8	*Oncorhynchus gorbuscha*	Pink Salmon	Chordata	Not Specified	
SVOC	2,3-DCP	576-24-9	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	2,3-dichloronitrobenzene	3209-22-1	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	2,3-dimethylnitrobenzene	83-41-0	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	2,4-dimethylphenol	105-67-9	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	2,4-dimethylphenol	105-67-9	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	2,4-dinitrophenol	51-28-5	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	2,5-DCP	583-78-8	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	2,5-dichloronitrobenzene	89-61-2	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	2,6-DCP	87-65-0	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	2,6-diethylaniline	579-66-8	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	2-chloroaniline	95-51-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	2-chlorophenol	95-57-8	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	2-chlorophenol	95-57-8	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	2-methoxytetrachlorophenol	2539-17-5	*Salmo salar*	Salmon - Atlantic	Chordata	Both coasts of N.Atlantic, freshwater for juv and when spawning	FW
SVOC	2-methyl-1,3-dinitrobenzene	606-20-2	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	2-Methylnaphthalene	130498-29-2	*Oncorhynchus gorbuscha*	Pink Salmon	Chordata	Not Specified	
SVOC	2-Methylnaphthalene	130498-29-2	*Oncorhynchus tshawytscha*	Salmon - Chinook	Chordata	Both coasts of Pacific; Monterey Bay and China north to Bering Straits, ascending all large streams, e.g., Columbia River	SW, FW
SVOC	3,5-dichloronitrobenzene	618-62-2	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	3-chlorophenol	108-43-0	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	3-nitrotoluene	99-08-1	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	4-chloro-1-methyl-nitrobenzene	89-59-8	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	4-chloroaniline	106-47-8	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	4-chlorophenol	106-48-9	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	Acenaphthene	83-32-9	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	Aniline	62-53-3	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	Aniline	62-53-3	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	Benzaldehyde	100-52-7	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	Benzo(a)pyrene	50-32-8	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	Benzoic Acid	65-85-0	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	Bis(2-chloroethyl)ether	111-44-4	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	Butylbenzylphthalate	85-68-7	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	Carbon Hexachloride	67-72-1	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	chloro-2-methyl-3-nitrobenzene	83-42-1	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	CNB	88-73-3	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	DCP	120-83-2	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	DEHP	117-81-7	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	DIETHYLPHTHALATE	84-66-2	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	Dimethyl phthalate	131-11-3	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	DNT	121-14-2	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	Isophorone	78-59-1	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	Methoxybenzene	100-66-3	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	methylnitrobenzene	88-72-2	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	nitrobenzene	98-95-3	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	nitrobenzene	98-95-3	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
SVOC	N-nitrosodiphenylamine	86-30-6	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	PCP	87-86-5	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	PCP	87-86-5	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	PCP	87-86-5	*Micropterus salmoides*	Largemouth Bass	Chordata	Canada south to Florida, Texas, into Mexico; lakes, bayous, sluggish waters, moderate to shallow depths; mud-sand-gravel bottoms	FW
SVOC	PCP	87-86-5	*Oncorhynchus gorbuscha*	Pink Salmon	Chordata	Not Specified	
SVOC	PCP	87-86-5	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	PCP	87-86-5	*Oncorhynchus tshawytscha*	Salmon - Chinook	Chordata	Both coasts of Pacific; Monterey Bay and China north to Bering Straits, ascending all large streams, e.g., Columbia River	SW, FW
SVOC	PCP	87-86-5	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
SVOC	Pentachlorobenzene	608-93-5	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
SVOC	Pentachlorobenzene	608-93-5	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
SVOC	Perchlorobenzene	118-74-1	*Cyprinodon variegatus*	Sheepshead minnow	Chordata	Shallow brackish waters, Cape Cod to Mexico	E
SVOC	Perchlorobenzene	118-74-1	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	Perchlorobenzene	118-74-1	*Lagodon rhomboides*	Pinfish	Chordata	Lower portions of estuaries, Mass. to Texas, most common Virginia south	E, SW
SVOC	Perchlorobenzene	118-74-1	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
SVOC	Phenanthrene	85-01-8	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
SVOC	Phenol	108-95-2	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW

Draft

ERED Chemical Class	ERED Chemical Name	CASRN	Species	Common name	Phylum	HABITAT	Salinity Regime
SVOC	Phenol	108-95-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
SVOC	Pyridinol	6515-38-4	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
SVOC	TeCP	25167-83-3	*Oncorhynchus tshawytscha*	Salmon - Chinook	Chordata	Both coasts of Pacific; Monterey Bay and China north to Bering Straits, ascending all large streams, e.g., Columbia River	SW, FW
SVOC	Tetrachlorobenzenes	634-66-2	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
TBD	4-nitrotoluene	99-99-0	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
TBD	Hexachlorobutadiene	87-68-3	*Carassius auratus*	Goldfish	Chordata	Widespread in US (introduced), warm lakes, ponds, quiet streams, particularly in weedy situations	FW
TBD	Methidathion	950-37-8	*Poecilia reticulata*	Guppy	Chordata	Native to West Indies, n. South America; est. in AB, AZ, ID, NV, TX, WY, possibly CA; generally uncommon	FW
TBD	Octanol	29063-28-3	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
TBD	PBDE	0000000	*Cyprinus carpio*	Common carp	Chordata	Warm lakes, ponds, streams	FW
TBD	PCBz	608-93-5	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
TBD	PCBz	608-93-5	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
VOC	1,2-Dichlorobenzene	95-50-1	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	1,3-Dichlorobenzene	541-73-1	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	1,3-Dichlorobenzene	541-73-1	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
VOC	1,4-Dichlorobenzene	106-46-7	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	1,4-Dichlorobenzene	106-46-7	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
VOC	Acrolein	107-02-8	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Acrolein	107-02-8	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
VOC	Acrylonitrile	107-13-1	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Carbon tetrachloride	56-23-5	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Chlorobenzene	108-90-7	*Gambusia affinis*	Mosquito fish	Chordata	Brackish and freshwater marshes and lagoons of south Atlantic and Gulf coasts, north to southern Illinois;	E, FW
VOC	Chlorobenzene	108-90-7	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
VOC	Ethane pentachloride	76-01-7	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Ethane pentachloride	76-01-7	*Pimephales promelas*	Fathead minnow	Chordata	Lakes, ponds, streams	FW
VOC	Ethylene dichloride	107-06-2	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Methyl Chloroform	71-55-6	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Methyl Trichloride	67-66-3	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Naphthalene	91-20-3	*Fundulus heteroclitus*	Mummichog	Chordata	Sheltered shores, tidal creeks, brackish water at mouths of streams and estuaries	E
VOC	PCP sodium salt	131-52-2	*Oncorhynchus mykiss*	Trout - Rainbow	Chordata	Cool streams	FW
VOC	TCE	79-01-6	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Tetrachloroethane	79-34-5	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW
VOC	Tetrachloroethylene	127-18-4	*Lepomis macrochirus*	Bluegill	Chordata	Vegetation in lakes, ponds, streams	FW

Draft

FW - freshwater
E- estuarine
SW - saltwater/marine

Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary								BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
1,2,3,4,6,7,8-HpCDD	1	3	17	11.2	214	603	397	ng/kg	18	3	15	1.49	1.13	1.33	0.555	0.184	0.486	0.000391	0.00247	0.00125
1,2,3,4,6,7,8-HpCDD	2A	7	40	31.8	334	388	374	ng/kg	4	4		5.29	4.71	5.04			5.04	0.0130	0.0141	0.0135
1,2,3,4,6,7,8-HpCDD	2B	1	1	1.00	318	1400	859	ng/kg	2	2		0.759	0.535	0.647			0.647	0.000382	0.00239	0.00138
1,2,3,4,6,7,8-HpCDD	3A	40	40	40.0	388	388	388	ng/kg	3		3				0.855	0.337	0.589	0.000870	0.00221	0.00152
1,2,3,4,6,7,8-HpCDD	3B	7	42	28.6	237	388	334	ng/kg	7		7				2.19	0.171	0.566	0.000455	0.00565	0.00160
1,2,3,4,6,7,8-HpCDD	4A	72	72	72.0	337	337	337	ng/kg	3	3		12.7	2.93	6.80			6.80	0.00870	0.0377	0.0202
1,2,3,4,6,7,8-HpCDD	4B	72	72	72.0	337	337	337	ng/kg	10		10				0.987	0.138	0.435	0.000408	0.00293	0.00129
1,2,3,4,6,7,8-HpCDD	I 1A	1	1	1.00	180	680	355	ng/kg	3	3		13.0	1.78	5.59			5.59	0.00976	0.0191	0.0129
1,2,3,4,6,7,8-HpCDD	I 1B	1	5	2.33	260	1290	603	ng/kg	3	3		8.55	2.69	5.74			5.74	0.00464	0.0329	0.0160
1,2,3,4,6,7,8-HpCDD	I 2A	12	12	12.0	357	357	357	ng/kg	2	2		1.31	1.20	1.26			1.26	0.00336	0.00367	0.00352
1,2,3,4,6,7,8-HpCDD	I 2B	22	26	23.3	240	253	244	ng/kg	3	2	1	1.01	0.763	0.887	0.413	0.413	0.729	0.00163	0.00422	0.00301
1,2,3,4,6,7,8-HpCDF	1	3	17	11.2	148	8360	4760	ng/kg	18	16	2	9.51	0.0793	3.19	0.615	0.411	2.89	0.000148	0.0272	0.00288
1,2,3,4,6,7,8-HpCDF	2A	7	40	31.8	263	4640	3550	ng/kg	4	4		92.2	49.9	62.4			62.4	0.0107	0.350	0.0960
1,2,3,4,6,7,8-HpCDF	2B	1	1	1.00	279	7600	3940	ng/kg	2	2		17.2	4.93	11.1			11.1	0.00226	0.0177	0.00997
1,2,3,4,6,7,8-HpCDF	3A	40	40	40.0	4640	4640	4640	ng/kg	3	3		237	108	168			168	0.0233	0.0510	0.0361
1,2,3,4,6,7,8-HpCDF	3B	7	42	28.6	263	4640	3110	ng/kg	7	6	1	38.6	3.71	15.5	0.310	0.310	13.3	0.0000688	0.0390	0.0106
1,2,3,4,6,7,8-HpCDF	4A	72	72	72.0	2830	2830	2830	ng/kg	3	3		88.3	0.378	31.6			31.6	0.000134	0.0312	0.0112
1,2,3,4,6,7,8-HpCDF	4B	72	72	72.0	2830	2830	2830	ng/kg	10	4	6	40.8	6.81	24.9	0.773	0.258	10.3	0.0000911	0.0144	0.00364
1,2,3,4,6,7,8-HpCDF	I 1A	1	1	1.00	450	12000	4730	ng/kg	3	3		35.0	2.27	13.7			13.7	0.00223	0.00504	0.00340
1,2,3,4,6,7,8-HpCDF	I 1B	1	5	2.33	720	31300	12000	ng/kg	3	3		439	10.6	158			158	0.000741	0.110	0.0419
1,2,3,4,6,7,8-HpCDF	I 2A	12	12	12.0	345	345	345	ng/kg	2	2		2.61	2.52	2.57			2.57	0.00730	0.00756	0.00743
1,2,3,4,6,7,8-HpCDF	I 2B	22	26	23.3	2720	3040	2820	ng/kg	3	3		5.48	2.54	3.93			3.93	0.000934	0.00202	0.00140
1,2,3,4,7,8,9-HpCDF	1	3	17	11.2	17.5	2080	1130	ng/kg	18	4	14	1.06	0.646	0.845	0.273	0.0195	0.271	0.0000382	0.00678	0.00104
1,2,3,4,7,8,9-HpCDF	2A	7	40	31.8	20.0	1080	814	ng/kg	4	4		6.10	1.36	4.50			4.50	0.00484	0.0681	0.0209
1,2,3,4,7,8,9-HpCDF	2B	1	1	1.00	9.81	1400	705	ng/kg	2	1	1	1.00	1.00	1.00	0.133	0.133	0.566	0.000714	0.0135	0.00711
1,2,3,4,7,8,9-HpCDF	3A	40	40	40.0	1080	1080	1080	ng/kg	3	1	2	1.70	1.70	1.70	0.555	0.347	0.867	0.000321	0.00158	0.000804
1,2,3,4,7,8,9-HpCDF	3B	7	42	28.6	15.7	1080	699	ng/kg	7		7				1.69	0.0376	0.357	0.0000737	0.00240	0.000994
1,2,3,4,7,8,9-HpCDF	4A	72	72	72.0	641	641	641	ng/kg	3	1	2	1.68	1.68	1.68	0.600	0.0700	0.783	0.000109	0.00262	0.00122
1,2,3,4,7,8,9-HpCDF	4B	72	72	72.0	641	641	641	ng/kg	10		10				1.39	0.0715	0.579	0.000112	0.00217	0.000904
1,2,3,4,7,8,9-HpCDF	I 1A	1	1	1.00	90.0	2400	972	ng/kg	3	2	1	8.80	0.790	4.80	0.170	0.170	3.25	0.00185	0.00367	0.00247
1,2,3,4,7,8,9-HpCDF	I 1B	1	5	2.33	120	6470	2470	ng/kg	3	3		207	1.50	70.8			70.8	0.000597	0.250	0.0878
1,2,3,4,7,8,9-HpCDF	I 2A	12	12	12.0	40.5	40.5	40.5	ng/kg	2		2				0.170	0.170	0.170	0.00419	0.00419	0.00419
1,2,3,4,7,8,9-HpCDF	I 2B	22	26	23.3	578	652	602	ng/kg	3		3				0.263	0.184	0.210	0.000319	0.000403	0.000347
1,2,3,4,7,8-HxCDD	1	3	17	11.2	1.27	38.6	20.9	ng/kg	18	1	17	0.152	0.152	0.152	0.171	0.0373	0.0871	0.00182	0.120	0.0148
1,2,3,4,7,8-HxCDD	2A	7	40	31.8	2.48	22.0	17.2	ng/kg	4		4				0.258	0.122	0.191	0.00850	0.0489	0.0195
1,2,3,4,7,8-HxCDD	2B	1	1	1.00	5.84	110	57.9	ng/kg	2		2				0.0925	0.0795	0.0860	0.000723	0.0158	0.00828
1,2,3,4,7,8-HxCDD	3A	40	40	40.0	22.0	22.0	22.0	ng/kg	3		3				0.310	0.260	0.281	0.0118	0.0141	0.0127
1,2,3,4,7,8-HxCDD	3B	7	42	28.6	2.48	22.0	15.1	ng/kg	7		7				1.02	0.0448	0.277	0.00203	0.0463	0.0188
1,2,3,4,7,8-HxCDD	4A	72	72	72.0	14.9	14.9	14.9	ng/kg	3	1	2	0.458	0.458	0.458	0.845	0.790	0.698	0.0307	0.0566	0.0467
1,2,3,4,7,8-HxCDD	4B	72	72	72.0	14.9	14.9	14.9	ng/kg	10		10				0.495	0.0665	0.261	0.00445	0.0331	0.0175
1,2,3,4,7,8-HxCDD	I 1A	1	1	1.00	3.35	57.0	23.2	ng/kg	3	2	1	0.255	0.110	0.183	0.550	0.550	0.305	0.00965	0.0761	0.0326
1,2,3,4,7,8-HxCDD	I 1B	1	5	2.33	4.10	104	42.1	ng/kg	3	3		0.410	0.260	0.353			0.353	0.00394	0.0634	0.0296
1,2,3,4,7,8-HxCDD	I 2A	12	12	12.0	5.15	5.15	5.15	ng/kg	2		2				0.102	0.0600	0.0808	0.0117	0.0197	0.0157
1,2,3,4,7,8-HxCDD	I 2B	22	26	23.3	12.3	13.0	12.5	ng/kg	3		3				0.397	0.226	0.330	0.0174	0.0323	0.0265
1,2,3,4,7,8-HxCDF	1	3	17	11.2	27.7	3210	1740	ng/kg	18	12	6	7.23	0.798	3.12	0.170	0.0478	2.11	0.000386	0.00525	0.00177
1,2,3,4,7,8-HxCDF	2A	7	40	31.8	35.3	1700	1280	ng/kg	4	4		17.3	4.87	13.2			13.2	0.00865	0.138	0.0415
1,2,3,4,7,8-HxCDF	2B	1	1	1.00	31.3	3000	1520	ng/kg	2	2		4.68	3.58	4.13			4.13	0.00156	0.114	0.0580
1,2,3,4,7,8-HxCDF	3A	40	40	40.0	1700	1700	1700	ng/kg	3	3		13.5	3.73	10.1			10.1	0.00220	0.00795	0.00595
1,2,3,4,7,8-HxCDF	3B	7	42	28.6	27.2	1700	1100	ng/kg	7	6	1	6.40	0.682	2.32	0.301	0.301	2.04	0.000177	0.0613	0.0126
1,2,3,4,7,8-HxCDF	4A	72	72	72.0	1020	1020	1020	ng/kg	3	3		26.5	1.24	16.0			16.0	0.00122	0.0260	0.0157
1,2,3,4,7,8-HxCDF	4B	72	72	72.0	1020	1020	1020	ng/kg	10	4	6	1.23	0.605	0.918	0.417	0.0205	0.509	0.0000201	0.00120	0.000499
1,2,3,4,7,8-HxCDF	I 1A	1	1	1.00	190	3000	1310	ng/kg	3	3		36.0	1.52	13.2			13.2	0.00297	0.0120	0.00766
1,2,3,4,7,8-HxCDF	I 1B	1	5	2.33	250	8990	3450	ng/kg	3	3		590	14.4	207			207	0.00187	0.528	0.196
1,2,3,4,7,8-HxCDF	I 2A	12	12	12.0	88.7	88.7	88.7	ng/kg	2	2		1.88	1.58	1.73			1.73	0.0178	0.0212	0.0195
1,2,3,4,7,8-HxCDF	I 2B	22	26	23.3	879	1000	919	ng/kg	3	3		14.0	10.9	12.5			12.5	0.0109	0.0159	0.0138
1,2,3,6,7,8-HxCDD	1	3	17	11.2	11.0	48.7	30.1	ng/kg	18	4	14	0.342	0.165	0.220	0.206	0.0655	0.136	0.00160	0.0310	0.00711
1,2,3,6,7,8-HxCDD	2A	7	40	31.8	21.8	27.6	26.2	ng/kg	4	4		0.869	0.708	0.798			0.798	0.0285	0.0325	0.0306
1,2,3,6,7,8-HxCDD	2B	1	1	1.00	24.0	83.0	53.5	ng/kg	2	2		0.590	0.278	0.434			0.434	0.00335	0.0246	0.0140
1,2,3,6,7,8-HxCDD	3A	40	40	40.0	27.6	27.6	27.6	ng/kg	3	2	1	0.935	0.759	0.847	0.313	0.313	0.669	0.0113	0.0338	0.0242
1,2,3,6,7,8-HxCDD	3B	7	42	28.6	14.7	27.6	23.1	ng/kg	7	4	3	0.406	0.161	0.274	1.19	0.223	0.465	0.00583	0.0429	0.0200
1,2,3,6,7,8-HxCDD	4A	72	72	72.0	25.1	25.1	25.1	ng/kg	3	3		6.93	2.38	4.10			4.10	0.0947	0.276	0.163
1,2,3,6,7,8-HxCDD	4B	72	72	72.0	25.1	25.1	25.1	ng/kg	10	1	9	0.424	0.424	0.424	0.498	0.0825	0.307	0.00328	0.0198	0.0122
1,2,3,6,7,8-HxCDD	I 1A	1	1	1.00	0.520	44.0	16.5	ng/kg	3	2	1	0.619	0.210	0.415	0.850	0.850	0.560	0.0193	0.404	0.183
1,2,3,6,7,8-HxCDD	I 1B	1	5	2.33	17.1	117	50.7	ng/kg	3	3		1.20	0.940	1.10			1.10	0.00983	0.0700	0.0440
1,2,3,6,7,8-HxCDD	I 2A	12	12	12.0	33.3	33.3	33.3	ng/kg	2	1	1	0.222	0.222	0.222	0.122	0.122	0.172	0.00367	0.00668	0.00517
1,2,3,6,7,8-HxCDD	I 2B	22	26	23.3	14.6	16.3	15.2	ng/kg	3		3				0.412	0.261	0.358	0.0160	0.0281	0.0239
1,2,3,6,7,8-HxCDF	1	3	17	11.2	10.8	942	519	ng/kg	18	15	3	27.6	0.114	9.42	0.210	0.0735	7.87	0.00385	0.0808	0.0180
1,2,3,6,7,8-HxCDF	2A	7	40	31.8	17.7	505	384	ng/kg	4	4		11.9	8.02	10.1			10.1	0.0159	0.673	0.182
1,2,3,6,7,8-HxCDF	2B	1	1	1.00	12.3	510	261	ng/kg	2	2		4.20	2.46	3.33			3.33	0.00824	0.200	0.104
1,2,3,6,7,8-HxCDF	3A	40	40	40.0	505	505	505	ng/kg	3	3		57.2	21.6	38.4			38.4	0.0427	0.113	0.0760
1,2,3,6,7,8-HxCDF	3B	7	42	28.6	13.0	505	332	ng/kg	7	6	1	11.4	0.864	5.14	1.15	1.15	4.57	0.00228	0.288	0.0584
1,2,3,6,7,8-HxCDF	4A	72	72	72.0	305	305	305	ng/kg	3	3		18.7	1.54	11.4			11.4	0.00505	0.0613	0.0375
1,2,3,6,7,8-HxCDF	4B	72	72	72.0	305	305	305	ng/kg	10	8	2	5.34	0.705	2.45	0.378	0.184	2.02	0.000603	0.0175	0.00661
1,2,3,6,7,8-HxCDF	I 1A	1	1	1.00	43.0	980	423	ng/kg	3	3		8.70	0.710	3.55			3.55	0.00287	0.0288	0.0135
1,2,3,6,7,8-HxCDF	I 1B	1	5	2.33	66.0	2990	1140	ng/kg	3	3		136	5.60	49.2			49.2	0.00198	0.366	0.151
1,2,3,6,7,8-HxCDF	I 2A	12	12	12.0	31.6	31.6	31.6	ng/kg	2	2		0.770	0.610	0.690			0.690	0.0193	0.0244	0.0219
1,2,3,6,7,8-HxCDF	I 2B	22	26	23.3	287	323	299	ng/kg	3	3		3.92	3.53	3.67			3.67	0.0109	0.0137	0.0123
1,2,3,7,8,9-HxCDD	1	3	17	11.2	7.34	25.5	16.2	ng/kg	18	1	17	0.162	0.162	0.162	0.173	0.0384	0.0890	0.00294	0.0221	0.00630
1,2,3,7,8,9-HxCDD	2A	7	40	31.8	10.9	16.6	15.2	ng/kg	4		4				0.270	0.121	0.199	0.0111	0.0162	0.0129
1,2,3,7,8,9-HxCDD	2B	1	1	1.00	11.3	82.0	46.7	ng/kg	2		2				0.0925	0.0770	0.0848	0.000939	0.00819	0.00456
1,2,3,7,8,9-HxCDD	3A	40	40	40.0	16.6	16.6	16.6	ng/kg	3		3				0.309	0.264	0.282	0.0158	0.0185	0.0170
1,2,3,7,8,9-HxCDD	3B	7	42	28.6	9.67	16.6	13.8	ng/kg	7	1	6	0.0878	0.0878	0.0878	1.01	0.0445	0.269	0.00267	0.0607	0.0181
1,2,3,7,8,9-HxCDD	4A	72	72	72.0	14.6	14.6	14.6	ng/kg	3	1	2	1.27	1.27	1.27	0.820	0.485	0.858	0.0332	0.0870	0.0588
1,2,3,7,8,9-HxCDD	4B	72	72	72.0	14.6	14.6	14.6	ng/kg	10		10				0.467	0.0685	0.255	0.00469	0.0320	0.0174

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
1,2,3,7,8,9-HxCDD	I 1A	1	1	1.00	0.446	38.0	14.6	ng/kg	3	2	1	0.266	0.180	0.223	0.390	0.390	0.279	0.0103	0.404	0.154
1,2,3,7,8,9-HxCDD	I 1B	1	5	2.33	5.50	63.6	27.7	ng/kg	3	3		0.840	0.390	0.593			0.593	0.00865	0.0709	0.0464
1,2,3,7,8,9-HxCDD	I 2A	12	12	12.0	15.2	15.2	15.2	ng/kg	2		2				0.103	0.0625	0.0825	0.00410	0.00672	0.00541
1,2,3,7,8,9-HxCDD	I 2B	22	26	23.3	10.5	11.3	10.7	ng/kg	3		3				0.385	0.233	0.328	0.0206	0.0368	0.0308
1,2,3,7,8,9-HxCDF	1	3	17	11.2	0.682	347	183	ng/kg	18	7	11	0.505	0.101	0.303	2.36	0.0128	0.275	0.000183	0.0932	0.0141
1,2,3,7,8,9-HxCDF	2A	7	40	31.8	1.28	169	127	ng/kg	4	3	1	2.56	2.45	2.52	0.231	0.231	1.95	0.0145	0.181	0.0564
1,2,3,7,8,9-HxCDF	2B	1	1	1.00	3.65	73.0	38.3	ng/kg	2		2				0.158	0.118	0.138	0.00216	0.0322	0.0172
1,2,3,7,8,9-HxCDF	3A	40	40	40.0	169	169	169	ng/kg	3	1	2	1.15	1.15	1.15	0.411	0.238	0.600	0.00140	0.00679	0.00354
1,2,3,7,8,9-HxCDF	3B	7	42	28.6	1.28	169	109	ng/kg	7	1	6	0.291	0.291	0.291	1.07	0.0371	0.286	0.000389	0.0352	0.0109
1,2,3,7,8,9-HxCDF	4A	72	72	72.0	99.8	99.8	99.8	ng/kg	3	2	1	2.15	1.51	1.83	0.0565	0.0565	1.24	0.000566	0.0215	0.0124
1,2,3,7,8,9-HxCDF	4B	72	72	72.0	99.8	99.8	99.8	ng/kg	10		10				0.764	0.0426	0.356	0.000426	0.00765	0.00356
1,2,3,7,8,9-HxCDF	I 1A	1	1	1.00	3.25	120	73.9	ng/kg	3		3				0.600	0.0500	0.277	0.000508	0.0558	0.0205
1,2,3,7,8,9-HxCDF	I 1B	1	5	2.33	3.40	1090	393	ng/kg	3	3		3.54	0.230	1.42			1.42	0.000459	0.0676	0.0364
1,2,3,7,8,9-HxCDF	I 2A	12	12	12.0	4.73	4.73	4.73	ng/kg	2		2				0.153	0.144	0.148	0.0303	0.0322	0.0313
1,2,3,7,8,9-HxCDF	I 2B	22	26	23.3	88.4	100	92.4	ng/kg	3		3				0.219	0.157	0.191	0.00156	0.00247	0.00209
1,2,3,7,8-PeCDD	1	3	17	11.2	1.18	32.0	18.3	ng/kg	18	17	1	0.448	0.0792	0.275	0.0865	0.0865	0.265	0.00516	0.209	0.0362
1,2,3,7,8-PeCDD	2A	7	40	31.8	1.88	17.3	13.5	ng/kg	4	4		1.45	0.623	1.04			1.04	0.0478	0.332	0.134
1,2,3,7,8-PeCDD	2B	1	1	1.00	2.82	43.0	22.9	ng/kg	2	2		0.724	0.568	0.646			0.646	0.0132	0.257	0.135
1,2,3,7,8-PeCDD	3A	40	40	40.0	17.3	17.3	17.3	ng/kg	3	3		2.43	0.693	1.62			1.62	0.0400	0.140	0.0933
1,2,3,7,8-PeCDD	3B	7	42	28.6	1.88	17.3	11.8	ng/kg	7		7				0.725	0.0302	0.200	0.00174	0.0418	0.0168
1,2,3,7,8-PeCDD	4A	72	72	72.0	12.0	12.0	12.0	ng/kg	3	2	1	3.02	1.07	2.05	1.20	1.20	1.76	0.0888	0.251	0.146
1,2,3,7,8-PeCDD	4B	72	72	72.0	12.0	12.0	12.0	ng/kg	10		10				0.718	0.0351	0.302	0.00291	0.0596	0.0251
1,2,3,7,8-PeCDD	I 1A	1	1	1.00	0.510	28.0	10.2	ng/kg	3	1	2	0.454	0.454	0.454	0.305	0.0500	0.270	0.0109	0.206	0.105
1,2,3,7,8-PeCDD	I 1B	1	5	2.33	3.05	78.5	30.8	ng/kg	3	3		0.610	0.450	0.527			0.527	0.00777	0.148	0.0678
1,2,3,7,8-PeCDD	I 2A	12	12	12.0	5.12	5.12	5.12	ng/kg	2	2		0.214	0.125	0.170			0.170	0.0244	0.0418	0.0331
1,2,3,7,8-PeCDD	I 2B	22	26	23.3	8.64	9.65	8.98	ng/kg	3		3				0.985	0.575	0.783	0.0596	0.114	0.0883
1,2,3,7,8-PeCDF	1	3	17	11.2	9.34	698	376	ng/kg	18	14	4	6.38	0.134	3.18	0.207	0.0945	2.50	0.00317	0.0221	0.00853
1,2,3,7,8-PeCDF	2A	7	40	31.8	10.4	374	283	ng/kg	4	4		24.9	5.49	16.2			16.2	0.0414	0.529	0.172
1,2,3,7,8-PeCDF	2B	1	1	1.00	5.74	700	353	ng/kg	2	2		8.44	7.55	8.00			8.00	0.0108	1.47	0.741
1,2,3,7,8-PeCDF	3A	40	40	40.0	374	374	374	ng/kg	3	3		27.4	6.33	19.4			19.4	0.0169	0.0733	0.0519
1,2,3,7,8-PeCDF	3B	7	42	28.6	9.83	374	241	ng/kg	7	7		9.20	1.34	4.55			4.55	0.00718	0.549	0.114
1,2,3,7,8-PeCDF	4A	72	72	72.0	228	228	228	ng/kg	3	3		104	3.87	55.2			55.2	0.0169	0.455	0.241
1,2,3,7,8-PeCDF	4B	72	72	72.0	228	228	228	ng/kg	10	10		5.21	0.877	2.53			2.53	0.00384	0.0228	0.0111
1,2,3,7,8-PeCDF	I 1A	1	1	1.00	58.0	760	332	ng/kg	3	3		28.0	1.50	14.5			14.5	0.00847	0.241	0.0956
1,2,3,7,8-PeCDF	I 1B	1	5	2.33	94.0	1550	633	ng/kg	3	3		28.0	6.55	14.4			14.4	0.00552	0.110	0.0618
1,2,3,7,8-PeCDF	I 2A	12	12	12.0	25.6	25.6	25.6	ng/kg	2	2		2.73	2.30	2.52			2.52	0.0898	0.107	0.0981
1,2,3,7,8-PeCDF	I 2B	22	26	23.3	186	213	195	ng/kg	3	3		23.8	20.1	21.7			21.7	0.0944	0.128	0.112
1,2-Dichlorobenzene	2A	64	64	64.0	16.8	16.8	16.8	ug/kg	1		1				1000	1000	1000	59.7	59.7	59.7
1,2-Dichlorobenzene	3B	53	65	60.4	17.2	58.3	44.2	ug/kg	8		8				2300	500	1530	9.80	134	50.7
1,2-Dichlorobenzene	4B	177	177	177	32.9	32.9	32.9	ug/kg	5		5				2300	500	1250	15.2	69.8	37.9
1,2-Dichlorobenzene	I 1A	1	1	1.00	5.50	13.0	9.42	ug/kg	6		6				1000	335	446	25.8	182	60.7
1,2-Dichlorobenzene	I 1B	1	2	1.60	8.25	16.0	13.5	ug/kg	5		5				1000	335	468	20.9	71.4	35.9
1,2-Dichlorobenzene	I 2B	59	59	59.0	17.2	17.2	17.2	ug/kg	1		1				1000	1000	1000	58.0	58.0	58.0
1,3-Dichlorobenzene	2A	64	64	64.0	16.0	16.0	16.0	ug/kg	1		1				1000	1000	1000	62.7	62.7	62.7
1,3-Dichlorobenzene	3B	53	65	60.4	16.4	56.2	42.5	ug/kg	8		8				2300	500	1530	10.2	140	52.9
1,3-Dichlorobenzene	4B	177	177	177	31.7	31.7	31.7	ug/kg	5		5				2300	500	1250	15.8	72.6	39.5
1,3-Dichlorobenzene	I 1A	1	1	1.00	5.00	9.00	6.92	ug/kg	6		6				1000	335	446	37.2	182	71.1
1,3-Dichlorobenzene	I 1B	1	2	1.60	7.00	21.0	13.7	ug/kg	5		5				1000	335	468	19.7	47.9	34.6
1,3-Dichlorobenzene	I 2B	59	59	59.0	16.5	16.5	16.5	ug/kg	1		1				1000	1000	1000	60.7	60.7	60.7
1,4-Dichlorobenzene	2A	64	64	64.0	16.3	16.3	16.3	ug/kg	1		1				1000	1000	1000	61.2	61.2	61.2
1,4-Dichlorobenzene	3B	53	65	60.4	16.4	56.2	42.4	ug/kg	8		8				2300	500	1530	10.2	140	52.8
1,4-Dichlorobenzene	4B	177	177	177	31.9	31.9	31.9	ug/kg	5		5				2300	500	1250	15.7	72.2	39.2
1,4-Dichlorobenzene	I 1A	1	1	1.00	4.00	6.50	5.08	ug/kg	6		6				1000	335	446	51.5	182	89.4
1,4-Dichlorobenzene	I 1B	1	2	1.60	6.75	17.3	13.0	ug/kg	5		5				1000	335	468	19.4	87.0	40.3
1,4-Dichlorobenzene	I 2B	59	59	59.0	16.6	16.6	16.6	ug/kg	1		1				1000	1000	1000	60.1	60.1	60.1
2,3,4,6,7,8-HxCDF	1	3	17	11.2	3.28	429	239	ng/kg	18	13	5	0.736	0.0479	0.341	0.0790	0.0179	0.256	0.000447	0.0241	0.00438
2,3,4,6,7,8-HxCDF	2A	7	40	31.8	6.79	231	175	ng/kg	4	4		2.47	0.787	1.98			1.98	0.00955	0.116	0.0367
2,3,4,6,7,8-HxCDF	2B	1	1	1.00	12.4	180	96.2	ng/kg	2	1	1	0.734	0.734	0.734	0.279	0.279	0.507	0.00408	0.0225	0.0133
2,3,4,6,7,8-HxCDF	3A	40	40	40.0	231	231	231	ng/kg	3	3		2.06	0.590	1.54			1.54	0.00255	0.00890	0.00664
2,3,4,6,7,8-HxCDF	3B	7	42	28.6	5.08	231	152	ng/kg	7	1	6	0.397	0.397	0.397	0.575	0.0665	0.252	0.000497	0.0285	0.00845
2,3,4,6,7,8-HxCDF	4A	72	72	72.0	139	139	139	ng/kg	3	3		4.88	0.633	3.00			3.00	0.00456	0.0351	0.0216
2,3,4,6,7,8-HxCDF	4B	72	72	72.0	139	139	139	ng/kg	10	2	8	0.243	0.179	0.211	0.446	0.0240	0.244	0.000173	0.00321	0.00176
2,3,4,6,7,8-HxCDF	I 1A	1	1	1.00	15.0	220	125	ng/kg	3	3		2.70	0.300	1.41			1.41	0.00213	0.0827	0.0324
2,3,4,6,7,8-HxCDF	I 1B	1	5	2.33	26.0	1670	612	ng/kg	3	3		4.96	0.920	2.45			2.45	0.000874	0.0356	0.0240
2,3,4,6,7,8-HxCDF	I 2A	12	12	12.0	12.8	12.8	12.8	ng/kg	2		2				0.168	0.140	0.154	0.0109	0.0132	0.0121
2,3,4,6,7,8-HxCDF	I 2B	22	26	23.3	134	155	141	ng/kg	3	3		4.03	2.96	3.38			3.38	0.0191	0.0300	0.0242
2,3,4,7,8-PeCDF	1	3	17	11.2	6.41	565	301	ng/kg	18	15	3	11.4	0.337	5.81	0.277	0.231	4.88	0.00607	0.117	0.0289
2,3,4,7,8-PeCDF	2A	7	40	31.8	8.88	292	221	ng/kg	4	4		30.0	6.22	18.8			18.8	0.0569	0.701	0.234
2,3,4,7,8-PeCDF	2B	1	1	1.00	8.79	410	209	ng/kg	2	2		15.0	14.7	14.9			14.9	0.0366	1.67	0.854
2,3,4,7,8-PeCDF	3A	40	40	40.0	292	292	292	ng/kg	3	3		54.1	13.1	36.4			36.4	0.0449	0.185	0.125
2,3,4,7,8-PeCDF	3B	7	42	28.6	8.15	292	189	ng/kg	7	6	1	3.40	0.281	1.13	0.725	0.725	1.08	0.00249	0.0752	0.0189
2,3,4,7,8-PeCDF	4A	72	72	72.0	177	177	177	ng/kg	3	3		52.1	2.43	27.8			27.8	0.0137	0.295	0.158
2,3,4,7,8-PeCDF	4B	72	72	72.0	177	177	177	ng/kg	10	1	9	0.517	0.517	0.517	0.481	0.0530	0.316	0.000300	0.00293	0.00179
2,3,4,7,8-PeCDF	I 1A	1	1	1.00	36.0	520	232	ng/kg	3	3		21.8	0.910	12.9			12.9	0.00650	0.606	0.214
2,3,4,7,8-PeCDF	I 1B	1	5	2.33	57.0	1380	541	ng/kg	3	3		5.75	3.29	4.59			4.59	0.00342	0.0577	0.0307
2,3,4,7,8-PeCDF	I 2A	12	12	12.0	20.3	20.3	20.3	ng/kg	2	2		2.65	2.29	2.47			2.47	0.113	0.131	0.122
2,3,4,7,8-PeCDF	I 2B	22	26	23.3	148	166	154	ng/kg	3	3		25.3	20.5	22.2			22.2	0.126	0.171	0.145
2,3,7,8-TCDD	1	3	17	11.2	0.391	11.5	6.85	ng/kg	18	14	4	0.343	0.0902	0.213	0.0715	0.0224	0.174	0.00767	0.231	0.0440
2,3,7,8-TCDD	2A	7	40	31.8	0.552	6.43	4.96	ng/kg	4	4		0.922	0.302	0.609			0.609	0.0732	0.548	0.220
2,3,7,8-TCDD	2B	1	1	1.00	0.189	10.00	5.09	ng/kg	2	2		0.487	0.430	0.459			0.459	0.0430	2.58	1.31
2,3,7,8-TCDD	3A	40	40	40.0	6.43	6.43	6.43	ng/kg	3	3		1.99	0.626	1.29			1.29	0.0973	0.309	0.200
2,3,7,8-TCDD	3B	7	42	28.6	0.552	6.43	4.40	ng/kg	7	1	6	0.0946	0.0946	0.0946	0.441	0.0130	0.122	0.00412	0.0686	0.0302
2,3,7,8-TCDD	4A	72	72	72.0	4.29	4.29	4.29	ng/kg	3	3		1.44	0.780	1.17			1.17	0.182	0.336	0.272
2,3,7,8-TCDD	4B	72	72	72.0	4.29	4.29	4.29	ng/kg	10		10				0.174	0.0241	0.0804	0.00562	0.0405	0.0188

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
2,3,7,8-TCDD	I 1A	1	1	1.00	0.850	13.0	5.29	ng/kg	3	2	1	0.670	0.307	0.489	0.0500	0.0500	0.342	0.0248	0.361	0.146
2,3,7,8-TCDD	I 1B	1	5	2.33	0.900	33.2	12.9	ng/kg	3	3		0.170	0.150	0.160			0.160	0.00452	0.178	0.0731
2,3,7,8-TCDD	I 2A	12	12	12.0	1.09	1.09	1.09	ng/kg	2		2				0.0454	0.0427	0.0440	0.0391	0.0415	0.0403
2,3,7,8-TCDD	I 2B	22	26	23.3	3.32	3.90	3.51	ng/kg	3	2	1	0.491	0.478	0.485	0.308	0.308	0.426	0.0791	0.148	0.124
2,3,7,8-TCDF	1	3	17	11.2	10.0	407	213	ng/kg	18	18		17.6	0.735	6.96			6.96	0.0126	0.155	0.0551
2,3,7,8-TCDF	2A	7	40	31.8	16.0	222	170	ng/kg	4	4		21.0	6.00	13.9			13.9	0.0605	0.375	0.150
2,3,7,8-TCDF	2B	1	1	1.00	8.14	880	444	ng/kg	2	2		4.00	3.90	3.95			3.95	0.00443	0.491	0.248
2,3,7,8-TCDF	3A	40	40	40.0	222	222	222	ng/kg	3	3		118	31.1	83.4			83.4	0.140	0.533	0.376
2,3,7,8-TCDF	3B	7	42	28.6	10.6	222	142	ng/kg	7	6	1	4.28	0.424	2.39	1.18	1.18	2.22	0.00449	0.165	0.0401
2,3,7,8-TCDF	4A	72	72	72.0	143	143	143	ng/kg	3	3		158	14.7	88.5			88.5	0.103	1.10	0.619
2,3,7,8-TCDF	4B	72	72	72.0	143	143	143	ng/kg	10	10		3.67	0.271	1.67			1.67	0.00189	0.0256	0.0117
2,3,7,8-TCDF	I 1A	1	1	1.00	53.0	210	123	ng/kg	3	3		46.2	3.28	30.8			30.8	0.0307	0.872	0.369
2,3,7,8-TCDF	I 1B	1	5	2.33	78.0	793	320	ng/kg	3	3		6.21	4.75	5.58			5.58	0.00783	0.0641	0.0443
2,3,7,8-TCDF	I 2A	12	12	12.0	40.3	40.3	40.3	ng/kg	2	2		5.53	5.15	5.34			5.34	0.128	0.137	0.133
2,3,7,8-TCDF	I 2B	22	26	23.3	93.8	107	98.2	ng/kg	3	3		69.7	57.9	62.4			62.4	0.541	0.743	0.640
2-Methylnaphthalene	1	11	49	23.1	377	6990	1280	ug/kg	77		77				500	20.0	106	0.00573	0.531	0.154
2-Methylnaphthalene	2A	31	121	69.6	550	1620	1060	ug/kg	17		17				1000	20.0	124	0.0123	1.82	0.178
2-Methylnaphthalene	2B	2	3	2.80	210	4120	1030	ug/kg	5		5				80.0	40.0	60.0	0.00972	0.289	0.204
2-Methylnaphthalene	3A	31	121	105	640	1550	1380	ug/kg	15	6	9	100.0	26.0	72.3	25.0	25.0	43.9	0.0161	0.134	0.0361
2-Methylnaphthalene	3B	31	121	68.8	574	1720	1010	ug/kg	25	2	23	26.0	25.0	25.5	2300	25.0	505	0.0161	4.01	0.521
2-Methylnaphthalene	4A	249	249	249	1050	1050	1050	ug/kg	12		12				25.0	25.0	25.0	0.0237	0.0237	0.0237
2-Methylnaphthalene	4B	249	249	249	1050	1050	1050	ug/kg	45		45				2300	20.0	170	0.0190	2.18	0.162
2-Methylnaphthalene	I 1A	1	1	1.00	90.0	485	253	ug/kg	9	5	4	1.20	0.720	0.958	1000	100.0	145	0.00171	11.1	1.58
2-Methylnaphthalene	I 1B	1	3	2.00	86.3	550	395	ug/kg	5	4	1	4.00	0.570	2.62	1000	1000	202	0.00114	2.09	0.429
2-Methylnaphthalene	I 2A	46	46	46.0	555	555	555	ug/kg	12		12				200	20.0	66.7	0.0360	0.360	0.120
2-Methylnaphthalene	I 2B	64	105	77.6	574	1760	885	ug/kg	8		8				1000	20.0	143	0.0113	1.74	0.241
4,4'-DDD	1	11	35	20.8	3.68	32.0	14.9	ug/kg	78		78				5.00	5.00	5.00	0.156	1.36	0.670
4,4'-DDD	2A	31	88	55.3	4.31	20.6	11.3	ug/kg	18		18				5.00	3.00	4.89	0.206	1.16	0.733
4,4'-DDD	2B	2	3	2.83	5.50	35.5	13.7	ug/kg	6		6				5.00	5.00	5.00	0.141	0.909	0.589
4,4'-DDD	3A	31	88	78.0	4.31	20.6	18.2	ug/kg	16		16				21.0	5.00	8.22	0.242	1.16	0.519
4,4'-DDD	3B	31	88	54.5	4.31	21.5	12.4	ug/kg	26		26				16.1	3.00	5.34	0.147	1.16	0.667
4,4'-DDD	4A	208	208	208	11.8	11.8	11.8	ug/kg	12	1	11	12.0	12.0	12.0	8.50	5.00	5.88	0.426	1.02	0.500
4,4'-DDD	4B	208	208	208	11.8	11.8	11.8	ug/kg	45	1	44	1.66	1.66	1.66	11.5	3.00	7.90	0.141	0.979	0.672
4,4'-DDD	I 1A	1	1	1.00	1.30	15.0	7.91	ug/kg	9		9				5.00	2.50	3.39	0.313	1.92	0.725
4,4'-DDD	I 1B	1	3	2.00	5.50	26.0	13.1	ug/kg	5	1	4	2.00	2.00	2.00	2.50	2.50	2.40	0.0960	0.455	0.236
4,4'-DDD	I 2A	45	45	45.0	6.30	6.30	6.30	ug/kg	13		13				50.0	5.00	15.4	0.794	7.94	2.44
4,4'-DDD	I 2B	43	87	57.3	14.5	19.9	15.8	ug/kg	8	3	5	29.0	16.0	23.7	5.00	3.00	11.8	0.176	1.93	0.750
4,4'-DDE	1	11	35	20.8	2.94	30.9	13.8	ug/kg	78		78				5.00	5.00	5.00	0.162	1.70	0.813
4,4'-DDE	2A	31	88	55.3	3.49	19.9	10.6	ug/kg	18	1	17	2.40	2.40	2.40	5.00	5.00	4.86	0.170	1.43	0.846
4,4'-DDE	2B	2	3	2.83	4.71	19.5	10.4	ug/kg	6	3	3	13.0	11.0	12.0	5.00	5.00	8.50	0.347	2.76	1.24
4,4'-DDE	3A	31	88	78.0	3.49	19.9	17.4	ug/kg	16	11	5	57.0	13.0	27.3	5.00	5.00	20.3	0.251	8.88	1.67
4,4'-DDE	3B	31	88	54.5	3.49	20.5	11.6	ug/kg	26	3	23	4.60	3.22	4.06	16.1	3.00	5.01	0.153	1.43	0.754
4,4'-DDE	4A	209	209	209	11.1	11.1	11.1	ug/kg	12	9	3	30.0	12.0	22.7	5.00	5.00	18.3	0.450	2.70	1.64
4,4'-DDE	4B	209	209	209	11.1	11.1	11.1	ug/kg	45	3	42	20.0	11.0	16.0	11.5	3.00	8.70	0.270	1.80	0.784
4,4'-DDE	I 1A	1	1	1.00	1.10	15.0	8.97	ug/kg	9	5	4	3.70	1.00	2.08	5.00	3.00	3.16	0.100	2.73	0.809
4,4'-DDE	I 1B	1	3	2.00	3.60	20.9	10.7	ug/kg	5	1	4	3.80	3.80	3.80	2.50	2.50	2.76	0.120	0.694	0.389
4,4'-DDE	I 2A	46	46	46.0	5.87	5.87	5.87	ug/kg	13		13				50.0	5.00	15.4	0.851	8.51	2.62
4,4'-DDE	I 2B	43	87	57.4	13.2	18.7	14.7	ug/kg	8	1	7	2.10	2.10	2.10	5.00	5.00	4.64	0.128	0.378	0.323
4,4'-DDT	1	11	35	20.7	3.68	30.5	9.30	ug/kg	78	1	77	81.0	81.0	81.0	5.00	5.00	5.97	0.164	21.5	1.02
4,4'-DDT	2A	31	88	55.1	4.31	12.7	7.87	ug/kg	18		18				5.00	3.00	4.89	0.367	1.16	0.797
4,4'-DDT	2B	2	3	2.83	5.50	23.3	11.4	ug/kg	6		6				5.00	5.00	5.00	0.215	0.909	0.606
4,4'-DDT	3A	31	88	78.0	4.31	12.7	11.5	ug/kg	16		16				21.0	5.00	8.22	0.393	1.65	0.746
4,4'-DDT	3B	31	88	54.2	4.31	13.4	8.50	ug/kg	26	1	25	3.91	3.91	3.91	16.1	3.00	5.22	0.239	1.74	0.769
4,4'-DDT	4A	207	207	207	8.75	8.75	8.75	ug/kg	12	2	10	180	83.0	132	8.50	5.00	26.4	0.571	20.6	3.01
4,4'-DDT	4B	207	207	207	8.75	8.75	8.75	ug/kg	45	4	41	66.0	1.40	20.4	11.5	5.00	9.34	0.160	7.54	1.07
4,4'-DDT	I 1A	1	1	1.00	1.85	15.0	7.18	ug/kg	9		9				5.00	2.50	3.39	0.333	1.62	0.736
4,4'-DDT	I 1B	1	3	2.00	5.00	13.8	7.54	ug/kg	5		5				3.00	2.50	2.60	0.217	0.500	0.391
4,4'-DDT	I 2A	45	45	45.0	6.59	6.59	6.59	ug/kg	13		13				50.0	5.00	15.4	0.759	7.59	2.33
4,4'-DDT	I 2B	43	86	57.0	8.83	13.7	11.2	ug/kg	8	3	5	43.0	36.0	39.3	5.00	3.00	17.6	0.340	3.58	1.55
Acenaphthene	1	11	49	22.3	361	7070	1300	ug/kg	77		77				500	20.0	106	0.00566	0.555	0.151
Acenaphthene	2A	31	118	68.2	566	1680	1080	ug/kg	17		17				1000	20.0	124	0.0119	1.77	0.175
Acenaphthene	2B	1	4	2.80	275	3140	865	ug/kg	5		5				80.0	40.0	60.0	0.0127	0.291	0.181
Acenaphthene	3A	31	118	103	639	1600	1410	ug/kg	15		15				25.0	25.0	25.0	0.0156	0.0391	0.0199
Acenaphthene	3B	31	118	67.6	594	1770	1030	ug/kg	25		25				2300	25.0	505	0.0156	3.87	0.505
Acenaphthene	4A	245	245	245	1080	1080	1080	ug/kg	12	1	11	26.0	26.0	26.0	25.0	25.0	25.1	0.0232	0.0241	0.0233
Acenaphthene	4B	245	245	245	1080	1080	1080	ug/kg	45		45				2300	20.0	170	0.0186	2.13	0.158
Acenaphthene	I 1A	1	1	1.00	90.0	1460	707	ug/kg	9	2	7	0.460	0.320	0.390	1000	100.0	256	0.000948	11.1	1.57
Acenaphthene	I 1B	1	3	2.00	178	550	414	ug/kg	5	1	4	0.710	0.710	0.710	1000	335	401	0.00398	2.09	0.860
Acenaphthene	I 2A	45	45	45.0	577	577	577	ug/kg	12		12				200	20.0	66.7	0.0346	0.346	0.115
Acenaphthene	I 2B	64	102	76.8	594	1780	905	ug/kg	8		8				1000	20.0	143	0.0112	1.68	0.233
Acenaphthylene	1	12	54	25.5	361	6660	1170	ug/kg	77		77				500	20.0	106	0.00601	0.554	0.163
Acenaphthylene	2A	32	129	73.7	534	1540	1010	ug/kg	17		17				1000	20.0	124	0.0130	1.87	0.184
Acenaphthylene	2B	2	4	3.00	200	3120	885	ug/kg	5		5				80.0	40.0	60.0	0.0128	0.300	0.171
Acenaphthylene	3A	32	129	112	625	1470	1310	ug/kg	15		15				25.0	25.0	25.0	0.0170	0.0400	0.0213
Acenaphthylene	3B	32	129	73.0	547	1620	962	ug/kg	25		25				2300	25.0	505	0.0170	4.20	0.548
Acenaphthylene	4A	259	259	259	1020	1020	1020	ug/kg	12		12				25.0	25.0	25.0	0.0245	0.0245	0.0245
Acenaphthylene	4B	259	259	259	1020	1020	1020	ug/kg	45		45				2300	20.0	170	0.0196	2.25	0.167
Acenaphthylene	I 1A	1	1	1.00	90.0	549	404	ug/kg	9	5	4	2.10	0.610	1.11	1000	100.0	145	0.00145	11.1	1.30
Acenaphthylene	I 1B	1	3	2.00	178	550	414	ug/kg	5	3	2	0.840	0.510	0.627	1000	335	267	0.000927	2.09	0.554
Acenaphthylene	I 2A	46	46	46.0	550	550	550	ug/kg	12		12				200	20.0	66.7	0.0364	0.364	0.121
Acenaphthylene	I 2B	67	113	82.1	547	1700	853	ug/kg	8		8				1000	20.0	143	0.0118	1.83	0.252
Aldrin	1	11	35	20.8	2.18	33.7	13.0	ug/kg	78		78				5.00	5.00	5.00	0.148	2.29	1.04
Aldrin	2A	31	88	55.3	2.51	21.2	10.2	ug/kg	18	1	17	3.60	3.60	3.60	5.00	5.00	4.92	0.236	1.99	1.21
Aldrin	2B	2	3	2.83	4.30	14.5	8.42	ug/kg	6		6				5.00	5.00	5.00	0.345	1.16	0.783

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Aldrin	3A	31	88	78.0	2.51	22.8	18.9	ug/kg	16	7	9	24.0	11.0	14.7	5.00	5.00	9.25	0.220	1.99	0.652
Aldrin	3B	31	88	54.5	2.51	22.8	12.8	ug/kg	26	2	24	11.0	2.30	6.65	16.1	3.00	5.54	0.111	1.99	1.01
Aldrin	4A	208	208	208	10.8	10.8	10.8	ug/kg	12	9	3	59.0	14.0	34.7	5.00	5.00	27.3	0.464	5.48	2.53
Aldrin	4B	208	208	208	10.8	10.8	10.8	ug/kg	45	2	43	8.97	8.97	8.97	11.5	3.00	8.11	0.279	1.07	0.753
Aldrin	l 1A	1	1	1.00	0.950	15.0	8.86	ug/kg	9		9				5.00	1.25	2.69	0.0833	3.16	0.820
Aldrin	l 1B	1	3	2.00	2.70	130	33.3	ug/kg	5		5				3.00	1.25	1.60	0.00963	0.463	0.194
Aldrin	l 2A	45	45	45.0	4.05	4.05	4.05	ug/kg	13		13				50.0	5.00	15.4	1.24	12.4	3.80
Aldrin	l 2B	43	87	57.3	13.5	23.3	20.6	ug/kg	8	3	5	10.00	10.00	10.00	5.00	3.00	6.63	0.214	0.502	0.317
alpha-Chlordane	1	11	35	20.7	1.86	28.1	11.1	ug/kg	78		78				5.00	5.00	5.00	0.178	2.69	1.17
alpha-Chlordane	2A	31	88	55.2	2.40	15.1	7.84	ug/kg	18	1	17	2.30	2.30	2.30	5.00	5.00	4.85	0.198	2.08	1.29
alpha-Chlordane	2B	2	3	2.83	4.30	23.2	9.71	ug/kg	6	1	5	14.0	14.0	14.0	5.00	5.00	6.50	0.215	3.26	1.12
alpha-Chlordane	3A	31	88	78.0	2.40	15.1	13.0	ug/kg	16	2	14	18.0	12.0	15.0	10.5	5.00	7.28	0.332	2.08	0.719
alpha-Chlordane	3B	31	88	54.3	2.40	15.8	8.51	ug/kg	26	6	20	4.70	1.75	3.37	5.00	3.00	4.47	0.130	2.08	1.08
alpha-Chlordane	4A	208	208	208	8.19	8.19	8.19	ug/kg	12	7	5	46.0	14.0	32.3	5.00	5.00	20.9	0.610	5.61	2.55
alpha-Chlordane	4B	208	208	208	8.19	8.19	8.19	ug/kg	44	3	41	18.4	3.80	11.9	11.5	5.00	8.47	0.464	2.25	1.03
alpha-Chlordane	l 1A	1	1	1.00	0.170	15.0	6.60	ug/kg	9	2	7	1.60	1.30	1.45	5.00	1.25	2.74	0.255	17.6	2.48
alpha-Chlordane	l 1B	1	3	2.00	1.60	7.76	4.51	ug/kg	5		5				3.00	1.25	1.60	0.161	0.781	0.440
alpha-Chlordane	l 2A	46	46	46.0	4.10	4.10	4.10	ug/kg	13		13				50.0	5.00	15.4	1.22	12.2	3.75
alpha-Chlordane	l 2B	43	86	57.1	8.91	14.5	10.5	ug/kg	8	1	7	1.90	1.90	1.90	5.00	5.00	4.61	0.141	0.561	0.465
Anthracene	1	12	52	24.0	347	6710	1220	ug/kg	77		77				500	20.0	106	0.00596	0.577	0.160
Anthracene	2A	32	124	71.5	541	1590	1030	ug/kg	17		17				1000	20.0	124	0.0126	1.85	0.182
Anthracene	2B	2	4	3.00	195	3210	867	ug/kg	5		5				80.0	40.0	60.0	0.0125	0.307	0.193
Anthracene	3A	32	124	108	620	1520	1340	ug/kg	15		15				25.0	25.0	25.0	0.0165	0.0403	0.0209
Anthracene	3B	32	124	70.7	561	1680	981	ug/kg	25		25				2300	25.0	505	0.0165	4.10	0.533
Anthracene	4A	254	254	254	1040	1040	1040	ug/kg	12		12				25.0	25.0	25.0	0.0240	0.0240	0.0240
Anthracene	4B	254	254	254	1040	1040	1040	ug/kg	45		45				2300	20.0	170	0.0192	2.21	0.164
Anthracene	l 1A	1	1	1.00	90.0	1320	661	ug/kg	9	5	4	1.70	0.470	0.968	1000	100.0	145	0.00112	11.1	1.26
Anthracene	l 1B	1	3	2.00	178	550	414	ug/kg	5	3	2	1.00	0.550	0.763	1000	335	267	0.00100	2.09	0.555
Anthracene	l 2A	46	46	46.0	577	577	577	ug/kg	12		12				200	20.0	66.7	0.0347	0.347	0.116
Anthracene	l 2B	66	108	79.6	561	1730	866	ug/kg	8		8				1000	20.0	143	0.0116	1.78	0.247
Aroclor-1016	1	11	35	20.4	29.9	215	61.0	ug/kg	72		72				25.0	5.00	6.88	0.0233	0.737	0.161
Aroclor-1016	2A	32	88	55.7	36.6	87.0	59.0	ug/kg	18		18				50.0	5.00	7.50	0.0575	0.822	0.138
Aroclor-1016	2B	2	3	2.83	28.0	179	69.3	ug/kg	6		6				5.00	5.00	5.00	0.0280	0.179	0.116
Aroclor-1016	3A	32	88	78.2	36.6	86.0	78.9	ug/kg	16		16				85.0	5.00	19.0	0.0582	0.989	0.231
Aroclor-1016	3B	32	88	55.4	36.6	88.2	61.6	ug/kg	25		25				115	5.00	29.8	0.0582	1.79	0.412
Aroclor-1016	4A	209	209	209	62.0	62.0	62.0	ug/kg	11		11				85.0	5.00	12.3	0.0806	1.37	0.198
Aroclor-1016	4B	209	209	209	62.0	62.0	62.0	ug/kg	45		45				115	5.00	18.7	0.0806	1.85	0.301
Aroclor-1016	l 1A	1	1	1.00	15.0	45.5	26.8	ug/kg	9		9				50.0	5.00	21.1	0.333	2.70	0.856
Aroclor-1016	l 1B	1	3	2.00	26.0	138	60.1	ug/kg	5		5				50.0	25.0	30.0	0.362	0.962	0.614
Aroclor-1016	l 2A	45	45	45.0	48.9	48.9	48.9	ug/kg	13		13				50.0	5.00	15.4	0.102	1.02	0.315
Aroclor-1016	l 2B	43	86	57.0	64.6	94.2	74.4	ug/kg	8		8				50.0	5.00	10.6	0.0531	0.774	0.155
Aroclor-1221	1	11	35	20.4	59.8	421	119	ug/kg	72		72				25.0	5.00	6.88	0.0119	0.364	0.0808
Aroclor-1221	2A	32	88	55.7	74.1	170	117	ug/kg	18		18				50.0	5.00	7.50	0.0294	0.416	0.0691
Aroclor-1221	2B	2	3	2.83	54.7	356	136	ug/kg	6		6				5.00	5.00	5.00	0.0140	0.0915	0.0594
Aroclor-1221	3A	32	88	78.2	74.1	168	155	ug/kg	16		16				85.0	5.00	19.0	0.0297	0.505	0.118
Aroclor-1221	3B	32	88	55.4	74.1	172	122	ug/kg	25		25				115	5.00	29.8	0.0297	0.915	0.209
Aroclor-1221	4A	209	209	209	123	123	123	ug/kg	11		11				85.0	5.00	12.3	0.0407	0.692	0.0999
Aroclor-1221	4B	209	209	209	123	123	123	ug/kg	45		45				115	5.00	18.7	0.0407	0.936	0.152
Aroclor-1221	l 1A	1	1	1.00	15.0	95.0	49.9	ug/kg	9		9				50.0	5.00	21.1	0.263	1.35	0.478
Aroclor-1221	l 1B	1	3	2.00	46.8	278	119	ug/kg	5		5				50.0	25.0	30.0	0.180	0.534	0.318
Aroclor-1221	l 2A	45	45	45.0	98.0	98.0	98.0	ug/kg	13		13				50.0	5.00	15.4	0.0510	0.510	0.157
Aroclor-1221	l 2B	43	86	57.0	127	186	147	ug/kg	8		8				50.0	5.00	10.6	0.0269	0.393	0.0788
Aroclor-1232	1	11	35	20.4	29.9	215	61.0	ug/kg	72		72				25.0	5.00	6.88	0.0233	0.737	0.161
Aroclor-1232	2A	32	88	55.7	36.6	87.0	59.0	ug/kg	18		18				50.0	5.00	7.50	0.0575	0.822	0.138
Aroclor-1232	2B	2	3	2.83	28.0	179	69.3	ug/kg	6		6				5.00	5.00	5.00	0.0280	0.179	0.116
Aroclor-1232	3A	32	88	78.2	36.6	86.0	78.9	ug/kg	16		16				85.0	5.00	19.0	0.0582	0.989	0.231
Aroclor-1232	3B	32	88	55.4	36.6	88.2	61.6	ug/kg	25		25				115	5.00	29.8	0.0582	1.79	0.412
Aroclor-1232	4A	209	209	209	62.0	62.0	62.0	ug/kg	11		11				85.0	5.00	12.3	0.0806	1.37	0.198
Aroclor-1232	4B	209	209	209	62.0	62.0	62.0	ug/kg	45		45				115	5.00	18.7	0.0806	1.85	0.301
Aroclor-1232	l 1A	1	1	1.00	15.0	45.5	26.8	ug/kg	9		9				50.0	5.00	21.1	0.333	2.70	0.856
Aroclor-1232	l 1B	1	3	2.00	26.0	138	60.1	ug/kg	5		5				50.0	25.0	30.0	0.362	0.962	0.614
Aroclor-1232	l 2A	45	45	45.0	48.9	48.9	48.9	ug/kg	13		13				50.0	5.00	15.4	0.102	1.02	0.315
Aroclor-1232	l 2B	43	86	57.0	64.6	94.2	74.4	ug/kg	8		8				50.0	5.00	10.6	0.0531	0.774	0.155
Aroclor-1242	1	11	35	20.4	29.9	215	61.0	ug/kg	72		72				25.0	5.00	6.88	0.0233	0.737	0.161
Aroclor-1242	2A	32	88	55.7	36.6	87.0	59.0	ug/kg	18		18				50.0	5.00	7.50	0.0575	0.822	0.138
Aroclor-1242	2B	2	3	2.83	28.0	179	69.3	ug/kg	6		6				5.00	5.00	5.00	0.0280	0.179	0.116
Aroclor-1242	3A	32	88	78.2	36.6	86.0	78.9	ug/kg	16		16				85.0	5.00	19.0	0.0582	0.989	0.231
Aroclor-1242	3B	32	88	55.4	36.6	88.2	61.6	ug/kg	25		25				115	5.00	29.8	0.0582	1.79	0.412
Aroclor-1242	4A	209	209	209	62.0	62.0	62.0	ug/kg	11		11				85.0	5.00	12.3	0.0806	1.37	0.198
Aroclor-1242	4B	209	209	209	62.0	62.0	62.0	ug/kg	45		45				115	5.00	18.7	0.0806	1.85	0.301
Aroclor-1242	l 1A	1	1	1.00	15.0	45.5	26.8	ug/kg	9	1	8	13.0	13.0	13.0	50.0	5.00	19.8	0.286	2.70	0.826
Aroclor-1242	l 1B	1	3	2.00	26.0	138	60.1	ug/kg	5		5				50.0	25.0	30.0	0.362	0.962	0.614
Aroclor-1242	l 2A	45	45	45.0	48.9	48.9	48.9	ug/kg	13		13				50.0	5.00	15.4	0.102	1.02	0.315
Aroclor-1242	l 2B	43	86	57.0	64.6	94.2	74.4	ug/kg	8		8				50.0	5.00	10.6	0.0531	0.774	0.155
Aroclor-1248	1	11	35	20.4	29.9	215	61.0	ug/kg	72		72				25.0	5.00	6.88	0.0233	0.737	0.161
Aroclor-1248	2A	32	88	55.7	36.6	87.0	59.0	ug/kg	18		18				50.0	5.00	7.50	0.0575	0.822	0.138
Aroclor-1248	2B	2	3	2.83	28.0	179	69.3	ug/kg	6		6				5.00	5.00	5.00	0.0280	0.179	0.116
Aroclor-1248	3A	32	88	78.2	36.6	86.0	78.9	ug/kg	16		16				85.0	5.00	19.0	0.0582	0.989	0.231
Aroclor-1248	3B	32	88	55.4	36.6	88.2	61.6	ug/kg	25		25				115	5.00	29.8	0.0582	1.79	0.412
Aroclor-1248	4A	209	209	209	62.0	62.0	62.0	ug/kg	11		11				85.0	5.00	12.3	0.0806	1.37	0.198
Aroclor-1248	4B	209	209	209	62.0	62.0	62.0	ug/kg	45		45				115	5.00	18.7	0.0806	1.85	0.301
Aroclor-1248	l 1A	1	1	1.00	15.0	45.5	26.8	ug/kg	9		9				50.0	5.00	21.1	0.333	2.70	0.856
Aroclor-1248	l 1B	1	3	2.00	26.0	138	60.1	ug/kg	5		5				50.0	25.0	30.0	0.362	0.962	0.614
Aroclor-1248	l 2A	45	45	45.0	48.9	48.9	48.9	ug/kg	13		13				50.0	5.00	15.4	0.102	1.02	0.315

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Aroclor-1248	I 2B	43	86	57.0	64.6	94.2	74.4	ug/kg	8		8				50.0	5.00	10.6	0.0531	0.774	0.155
Aroclor-1254	1	11	35	21.2	73.5	2780	805	ug/kg	78	68	10	820	12.0	146	5.00	5.00	128	0.0186	2.04	0.443
Aroclor-1254	2A	33	88	56.5	99.3	1330	785	ug/kg	18	10	8	80.0	44.0	62.0	50.0	5.00	39.2	0.00375	0.655	0.152
Aroclor-1254	2B	2	3	2.83	76.7	183	147	ug/kg	6	6		180	42.0	112			112	0.431	1.17	0.781
Aroclor-1254	3A	33	88	78.3	85.3	1330	250	ug/kg	16	16		2800	95.0	622			622	0.155	28.2	5.97
Aroclor-1254	3B	33	88	56.8	85.3	1330	593	ug/kg	27	17	10	310	20.0	107	115	5.00	92.3	0.00388	3.63	0.747
Aroclor-1254	4A	212	212	212	302	302	302	ug/kg	11	10	1	2300	440	1210	5.00	5.00	1100	0.0165	7.60	3.64
Aroclor-1254	4B	212	212	212	302	302	302	ug/kg	45	18	27	530	12.0	100	115	5.00	56.5	0.0165	1.75	0.187
Aroclor-1254	I 1A	1	1	1.00	13.0	200	58.1	ug/kg	9	6	3	74.0	17.0	38.8	50.0	5.00	32.6	0.0850	5.69	1.92
Aroclor-1254	I 1B	1	3	2.00	47.0	209	110	ug/kg	5	4	1	34.0	19.0	29.0	50.0	50.0	33.2	0.148	0.680	0.380
Aroclor-1254	I 2A	47	47	47.0	213	213	213	ug/kg	13	10	3	82.0	20.0	32.7	50.0	5.00	33.2	0.0234	0.384	0.156
Aroclor-1254	I 2B	43	87	57.4	85.8	111	96.5	ug/kg	8	7	1	330	13.0	158	50.0	50.0	145	0.120	3.85	1.60
Aroclor-1260	1	11	35	20.8	32.5	215	65.8	ug/kg	77	29	48	90.0	12.0	32.8	25.0	5.00	17.2	0.0233	1.40	0.289
Aroclor-1260	2A	32	88	55.7	39.7	88.6	61.7	ug/kg	18		18				50.0	5.00	7.50	0.0564	0.822	0.132
Aroclor-1260	2B	2	3	2.83	28.0	179	69.3	ug/kg	6	6		110	23.0	63.7			63.7	0.300	3.00	1.40
Aroclor-1260	3A	32	88	78.2	39.7	87.5	80.9	ug/kg	16	16		1100	73.0	279			279	0.937	12.6	3.39
Aroclor-1260	3B	32	88	56.1	39.7	90.0	65.3	ug/kg	27	18	9	190	22.0	68.7	115	5.00	68.8	0.0571	3.53	1.13
Aroclor-1260	4A	209	209	209	63.6	63.6	63.6	ug/kg	11	11		2000	240	820			820	3.77	31.4	12.9
Aroclor-1260	4B	209	209	209	63.6	63.6	63.6	ug/kg	45	13	32	380	11.0	64.6	115	5.00	35.9	0.0786	5.98	0.564
Aroclor-1260	I 1A	1	1	1.00	15.0	67.0	32.2	ug/kg	9	3	6	31.0	14.0	23.3	50.0	5.00	20.6	0.308	1.44	0.643
Aroclor-1260	I 1B	1	3	2.00	31.5	138	63.3	ug/kg	5	4	1	35.0	18.0	27.3	50.0	50.0	31.8	0.327	0.806	0.579
Aroclor-1260	I 2A	45	45	45.0	51.0	51.0	51.0	ug/kg	13		13				50.0	5.00	15.4	0.0981	0.981	0.302
Aroclor-1260	I 2B	43	86	57.0	64.6	96.3	76.6	ug/kg	8		8				50.0	5.00	10.6	0.0519	0.774	0.153
Arsenic	1	10	43	20.8	2.63	4.72	3.44	mg/kg	78	77	1	0.910	0.0800	0.211	0.0300	0.0300	0.209	0.00885	0.269	0.0612
Arsenic	2A	30	111	65.2	3.27	3.63	3.49	mg/kg	18	17	1	0.640	0.280	0.436	0.375	0.375	0.433	0.0856	0.176	0.124
Arsenic	2B	1	3	2.17	2.50	5.37	3.81	mg/kg	6	6		0.480	0.200	0.310			0.310	0.0578	0.0969	0.0832
Arsenic	3A	30	111	97.8	3.16	3.63	3.56	mg/kg	16	16		0.830	0.280	0.551			0.551	0.0856	0.229	0.154
Arsenic	3B	30	111	65.4	3.16	3.67	3.44	mg/kg	27	24	3	1.47	0.130	0.376	3.91	0.325	0.510	0.0383	1.11	0.146
Arsenic	4A	235	235	235	3.56	3.56	3.56	mg/kg	12	12		0.460	0.180	0.328			0.328	0.0506	0.129	0.0920
Arsenic	4B	235	235	235	3.56	3.56	3.56	mg/kg	45	43	2	1.93	0.110	0.450	0.874	0.0115	0.450	0.00323	0.543	0.126
Arsenic	I 1A	1	1	1.00	2.20	5.00	3.61	mg/kg	9	3	6	0.610	0.270	0.437	0.490	0.415	0.452	0.0540	0.216	0.143
Arsenic	I 1B	1	3	2.00	2.83	5.30	4.00	mg/kg	5	4	1	1.00	0.800	0.875	0.400	0.400	0.780	0.110	0.286	0.201
Arsenic	I 2A	44	44	44.0	3.37	3.37	3.37	mg/kg	13	11	2	0.420	0.260	0.379	0.185	0.185	0.349	0.0550	0.125	0.104
Arsenic	I 2B	61	95	72.9	3.20	3.76	3.36	mg/kg	8	7	1	0.480	0.250	0.347	0.310	0.310	0.343	0.0665	0.150	0.103
Benzo(a)anthracene	1	12	53	25.5	317	6960	1200	ug/kg	74		74				500	20.0	108	0.00575	0.592	0.174
Benzo(a)anthracene	2A	32	129	72.7	541	1580	996	ug/kg	15		15				1000	20.0	129	0.0126	1.85	0.199
Benzo(a)anthracene	2B	2	4	3.00	102	2450	689	ug/kg	5		5				80.0	40.0	60.0	0.0163	0.591	0.256
Benzo(a)anthracene	3A	32	129	112	599	1510	1340	ug/kg	15		15				25.0	25.0	25.0	0.0165	0.0417	0.0212
Benzo(a)anthracene	3B	32	129	73.1	545	1670	960	ug/kg	25		25				2300	25.0	505	0.0165	4.22	0.545
Benzo(a)anthracene	4A	260	260	260	1040	1040	1040	ug/kg	12		12				25.0	25.0	25.0	0.0240	0.0240	0.0240
Benzo(a)anthracene	4B	260	260	260	1040	1040	1040	ug/kg	43		43				2300	20.0	177	0.0192	2.21	0.170
Benzo(a)anthracene	I 1A	1	1	1.00	90.0	4850	1840	ug/kg	9	5	4	3.30	1.50	2.24	1000	100.0	146	0.00357	11.1	1.25
Benzo(a)anthracene	I 1B	1	3	2.00	145	550	407	ug/kg	5	4	1	4.40	0.680	2.75	1000	1000	202	0.00136	2.09	0.426
Benzo(a)anthracene	I 2A	47	47	47.0	589	589	589	ug/kg	12		12				200	20.0	66.7	0.0339	0.339	0.113
Benzo(a)anthracene	I 2B	68	112	82.1	545	1760	869	ug/kg	8		8				1000	20.0	143	0.0114	1.84	0.253
Benzo(a)pyrene	1	12	53	28.8	293	7030	1280	ug/kg	54		54				400	20.0	105	0.00569	0.683	0.166
Benzo(a)pyrene	2A	32	130	73.2	538	1590	992	ug/kg	15		15				1000	20.0	129	0.0126	1.86	0.200
Benzo(a)pyrene	2B	2	4	3.00	268	3320	894	ug/kg	5		5				80.0	40.0	60.0	0.0120	0.272	0.183
Benzo(a)pyrene	3A	32	130	112	590	1510	1320	ug/kg	14		14				25.0	25.0	25.0	0.0165	0.0423	0.0216
Benzo(a)pyrene	3B	32	130	73.5	540	1670	955	ug/kg	25		25				2300	25.0	505	0.0165	4.26	0.548
Benzo(a)pyrene	4A	261	261	261	1040	1040	1040	ug/kg	10		10				25.0	25.0	25.0	0.0240	0.0240	0.0240
Benzo(a)pyrene	4B	261	261	261	1040	1040	1040	ug/kg	43		43				2300	20.0	177	0.0192	2.21	0.170
Benzo(a)pyrene	I 1A	1	1	1.00	90.0	485	331	ug/kg	6	5	1	2.20	1.60	1.92	1000	1000	168	0.00429	11.1	1.86
Benzo(a)pyrene	I 1B	1	3	2.00	135	550	405	ug/kg	5	4	1	6.50	0.810	3.58	1000	1000	203	0.00162	2.09	0.429
Benzo(a)pyrene	I 2A	47	47	47.0	578	578	578	ug/kg	5		5				2000	20.0	524	0.0346	3.46	0.907
Benzo(a)pyrene	I 2B	68	113	82.4	540	1770	867	ug/kg	8		8				1000	20.0	143	0.0113	1.85	0.255
Benzo(b)fluoranthene	1	12	54	29.4	350	7310	1340	ug/kg	54		54				400	20.0	105	0.00547	0.572	0.155
Benzo(b)fluoranthene	2A	32	131	73.7	549	1630	1040	ug/kg	15		15				1000	20.0	129	0.0123	1.82	0.193
Benzo(b)fluoranthene	2B	2	4	3.00	182	3400	907	ug/kg	5		5				80.0	40.0	60.0	0.0118	0.330	0.195
Benzo(b)fluoranthene	3A	32	131	113	622	1550	1360	ug/kg	14		14				25.0	25.0	25.0	0.0161	0.0402	0.0209
Benzo(b)fluoranthene	3B	32	131	74.0	555	1710	994	ug/kg	25		25				2300	25.0	505	0.0161	4.15	0.533
Benzo(b)fluoranthene	4A	262	262	262	1070	1070	1070	ug/kg	10		10				25.0	25.0	25.0	0.0233	0.0233	0.0233
Benzo(b)fluoranthene	4B	262	262	262	1070	1070	1070	ug/kg	43		43				2300	20.0	177	0.0186	2.14	0.165
Benzo(b)fluoranthene	I 1A	1	1	1.00	90.0	485	331	ug/kg	6	5	1	2.60	1.70	2.04	1000	1000	168	0.00405	11.1	1.86
Benzo(b)fluoranthene	I 1B	1	3	2.00	208	550	420	ug/kg	5	4	1	5.30	0.620	3.06	1000	1000	202	0.00124	2.09	0.426
Benzo(b)fluoranthene	I 2A	47	47	47.0	595	595	595	ug/kg	5		5				2000	20.0	524	0.0336	3.36	0.880
Benzo(b)fluoranthene	I 2B	68	114	83.1	555	1800	881	ug/kg	8		8				1000	20.0	143	0.0111	1.80	0.249
Benzo(g,h,i)perylene	1	12	52	28.2	328	6900	1320	ug/kg	54		54				400	20.0	105	0.00580	0.609	0.156
Benzo(g,h,i)perylene	2A	32	127	71.9	563	1600	1020	ug/kg	15		15				1000	20.0	129	0.0125	1.78	0.191
Benzo(g,h,i)perylene	2B	2	4	3.00	245	3190	865	ug/kg	5		5				80.0	40.0	60.0	0.0126	0.269	0.186
Benzo(g,h,i)perylene	3A	32	127	109	629	1530	1340	ug/kg	14		14				25.0	25.0	25.0	0.0163	0.0397	0.0211
Benzo(g,h,i)perylene	3B	32	127	72.0	576	1690	984	ug/kg	25		25				2300	25.0	505	0.0163	3.99	0.524
Benzo(g,h,i)perylene	4A	258	258	258	1050	1050	1050	ug/kg	10		10				25.0	25.0	25.0	0.0238	0.0238	0.0238
Benzo(g,h,i)perylene	4B	258	258	258	1050	1050	1050	ug/kg	43		43				2300	20.0	177	0.0190	2.19	0.168
Benzo(g,h,i)perylene	I 1A	1	1	1.00	90.0	485	331	ug/kg	6	5	1	3.30	2.00	2.40	1000	1000	169	0.00412	11.1	1.86
Benzo(g,h,i)perylene	I 1B	1	3	2.00	102	550	399	ug/kg	5	4	1	7.80	0.740	4.44	1000	1000	204	0.00148	2.09	0.433
Benzo(g,h,i)perylene	I 2A	47	47	47.0	585	585	585	ug/kg	5		5				2000	20.0	524	0.0342	3.42	0.896
Benzo(g,h,i)perylene	I 2B	66	111	80.4	576	1770	883	ug/kg	8		8				1000	20.0	143	0.0113	1.74	0.240
Benzo(k)fluoranthene	1	12	51	27.6	334	7380	1350	ug/kg	54		54				400	20.0	105	0.00542	0.598	0.160
Benzo(k)fluoranthene	2A	32	125	71.1	537	1630	1030	ug/kg	15		15				1000	20.0	129	0.0123	1.86	0.196
Benzo(k)fluoranthene	2B	2	4	3.00	79.8	3200	825	ug/kg	5		5				80.0	40.0	60.0	0.0125	0.752	0.295
Benzo(k)fluoranthene	3A	32	125	108	625	1560	1360	ug/kg	14		14				25.0	25.0	25.0	0.0161	0.0400	0.0209
Benzo(k)fluoranthene	3B	32	125	71.2	547	1720	991	ug/kg	25		25				2300	25.0	505	0.0161	4.21	0.537
Benzo(k)fluoranthene	4A	256	256	256	1050	1050	1050	ug/kg	10		10				25.0	25.0	25.0	0.0237	0.0237	0.0237

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Benzo(k)fluoranthene	4B	256	256	256	1050	1050	1050	ug/kg	43		43				2300	20.0	177	0.0190	2.18	0.168
Benzo(k)fluoranthene	I 1A	1	1	1.00	90.0	485	331	ug/kg	6	5	1	1.60	0.840	1.20	1000	1000	168	0.00200	11.1	1.85
Benzo(k)fluoranthene	I 1B	1	3	2.00	193	550	417	ug/kg	5	4	1	2.70	0.390	1.47	1000	1000	201	0.000780	2.09	0.423
Benzo(k)fluoranthene	I 2A	47	47	47.0	562	562	562	ug/kg	5		5				2000	20.0	524	0.0356	3.56	0.933
Benzo(k)fluoranthene	I 2B	66	109	79.9	547	1800	881	ug/kg	8		8				1000	20.0	143	0.0111	1.83	0.252
beta-BHC	1	11	35	20.7	2.18	92.1	36.0	ug/kg	78	6	72	20.0	11.0	15.0	5.00	5.00	5.77	0.0543	2.29	0.934
beta-BHC	2A	31	88	55.1	2.94	54.6	24.8	ug/kg	18	3	15	33.0	11.0	18.7	5.00	3.00	7.17	0.0760	1.70	0.878
beta-BHC	2B	2	3	2.83	5.32	220	43.0	ug/kg	6	6		130	17.0	64.0			64.0	0.591	12.6	6.68
beta-BHC	3A	31	88	78.0	2.94	52.5	45.5	ug/kg	16	15	1	440	31.0	166	5.00	5.00	156	0.0953	15.7	4.53
beta-BHC	3B	31	88	46.0	2.94	52.5	22.8	ug/kg	20	7	13	60.0	13.0	32.0	16.1	0.909	14.8	0.0175	8.50	1.57
beta-BHC	4A	207	207	207	26.2	26.2	26.2	ug/kg	12	12		300	63.0	155			155	2.41	11.5	5.90
beta-BHC	4B	207	207	207	26.2	26.2	26.2	ug/kg	43	7	36	73.0	10.00	34.4	11.5	5.00	12.9	0.191	2.79	0.493
beta-BHC	I 1A	1	1	1.00	1.50	110	31.8	ug/kg	9	1	8	13.0	13.0	13.0	5.00	1.25	3.58	0.0114	0.867	0.424
beta-BHC	I 1B	1	3	2.00	36.0	150	105	ug/kg	5		5				3.00	1.25	1.60	0.00833	0.0347	0.0180
beta-BHC	I 2A	45	45	45.0	6.80	6.80	6.80	ug/kg	13		13				50.0	5.00	15.4	0.736	7.36	2.26
beta-BHC	I 2B	43	86	57.0	43.6	53.6	46.4	ug/kg	8	6	2	56.0	25.0	34.7	5.00	3.00	27.0	0.0586	1.24	0.591
Cadmium	1	12	50	25.4	0.226	0.467	0.334	mg/kg	78	5	73	0.0300	0.0100	0.0140	0.0200	0.00500	0.00654	0.0107	0.114	0.0207
Cadmium	2A	32	129	74.2	0.264	0.612	0.336	mg/kg	18	17	1	0.0300	0.0100	0.0159	0.250	0.250	0.0289	0.0265	0.408	0.0709
Cadmium	2B	2	4	3.17	0.225	0.440	0.303	mg/kg	6		6				0.00150	0.00150	0.00150	0.00341	0.00667	0.00543
Cadmium	3A	32	129	113	0.264	0.378	0.363	mg/kg	16		16				0.00500	0.00150	0.00222	0.00397	0.0132	0.00621
Cadmium	3B	32	129	74.4	0.264	0.555	0.339	mg/kg	27		27				0.575	0.00150	0.123	0.00397	1.72	0.310
Cadmium	4A	259	259	259	0.413	0.413	0.413	mg/kg	12	1	11	0.00400	0.00400	0.00400	0.00500	0.00150	0.00371	0.00363	0.0121	0.00899
Cadmium	4B	259	259	259	0.413	0.413	0.413	mg/kg	45	1	44	0.00400	0.00400	0.00400	0.575	0.00150	0.0627	0.00363	1.39	0.152
Cadmium	I 1A	1	1	1.00	0.0550	1.34	0.545	mg/kg	9	3	6	0.0700	0.0600	0.0667	0.250	0.0330	0.116	0.0448	4.55	1.04
Cadmium	I 1B	1	2	1.60	0.153	0.360	0.293	mg/kg	5	4	1	0.0700	0.0530	0.0625	0.250	0.250	0.100	0.174	0.775	0.356
Cadmium	I 2A	47	47	47.0	0.404	0.404	0.404	mg/kg	11		11				0.00500	0.00500	0.00500	0.0124	0.0124	0.0124
Cadmium	I 2B	67	110	81.5	0.322	0.555	0.378	mg/kg	8	6	2	0.0500	0.0100	0.0267	0.250	0.00500	0.0519	0.0105	0.451	0.118
Chromium	1	10	43	20.8	48.1	183	76.9	mg/kg	78	78		2.10	0.190	0.379			0.379	0.00191	0.0153	0.00551
Chromium	2A	30	111	65.2	53.4	136	88.2	mg/kg	18	18	0	1.40	0.400	0.948			0.948	0.00554	0.0206	0.0113
Chromium	2B	1	3	2.17	25.4	57.1	49.1	mg/kg	6	6		0.620	0.220	0.402			0.402	0.00525	0.0119	0.00829
Chromium	3A	30	111	97.8	39.8	112	58.9	mg/kg	16	15	1	0.780	0.240	0.453	0.0950	0.0950	0.430	0.00178	0.0146	0.00767
Chromium	3B	30	111	65.4	39.8	115	77.1	mg/kg	27	21	6	0.780	0.180	0.297	1.15	0.500	0.438	0.00188	0.0221	0.00664
Chromium	4A	235	235	235	80.5	80.5	80.5	mg/kg	12	12		1.40	0.110	0.393			0.393	0.00137	0.0174	0.00488
Chromium	4B	235	235	235	80.5	80.5	80.5	mg/kg	45	31	14	1.17	0.0800	0.289	1.15	0.0115	0.300	0.000143	0.0146	0.00373
Chromium	I 1A	1	1	1.00	12.4	59.8	36.5	mg/kg	9	5	4	0.230	0.100	0.176	0.500	0.0600	0.187	0.00100	0.0259	0.00887
Chromium	I 1B	1	3	2.00	27.8	153	70.8	mg/kg	5	2	3	1.30	1.20	1.25	0.500	0.210	0.739	0.00317	0.0467	0.0164
Chromium	I 2A	44	44	44.0	177	177	177	mg/kg	13	13		1.40	0.410	0.848			0.848	0.00232	0.00793	0.00481
Chromium	I 2B	61	95	72.9	44.2	115	59.2	mg/kg	8	2	6	0.810	0.130	0.470	0.0850	0.0400	0.167	0.000702	0.00707	0.00223
Chrysene	1	12	55	26.7	354	7230	1240	ug/kg	74		74				500	20.0	108	0.00553	0.565	0.159
Chrysene	2A	32	133	74.5	569	1620	1020	ug/kg	15		15				1000	20.0	129	0.0124	1.76	0.191
Chrysene	2B	2	4	3.00	173	3360	886	ug/kg	5		5				80.0	40.0	60.0	0.0119	0.347	0.206
Chrysene	3A	32	133	115	615	1540	1360	ug/kg	15		15				25.0	25.0	25.0	0.0162	0.0407	0.0208
Chrysene	3B	32	133	74.9	568	1700	983	ug/kg	25		25				2300	25.0	505	0.0162	4.05	0.527
Chrysene	4A	264	264	264	1070	1070	1070	ug/kg	12		12				25.0	25.0	25.0	0.0234	0.0234	0.0234
Chrysene	4B	264	264	264	1070	1070	1070	ug/kg	43		43				2300	20.0	177	0.0187	2.16	0.166
Chrysene	I 1A	1	1	1.00	90.0	10400	3650	ug/kg	9	5	4	7.80	3.20	4.82	1000	100.0	147	0.00907	11.1	1.25
Chrysene	I 1B	1	3	2.00	253	550	417	ug/kg	5	4	1	9.20	0.970	5.69	1000	1000	205	0.00194	2.09	0.432
Chrysene	I 2A	47	47	47.0	594	594	594	ug/kg	12		12				200	20.0	66.7	0.0337	0.337	0.112
Chrysene	I 2B	69	116	84.3	568	1790	887	ug/kg	8		8				1000	20.0	143	0.0112	1.76	0.243
Copper	1	12	51	25.9	34.2	242	101	mg/kg	78	78		17.4	0.910	3.92			3.92	0.00826	0.224	0.0524
Copper	2A	32	132	75.5	40.8	135	87.6	mg/kg	18	18	0	4.40	1.30	2.27			2.27	0.0114	0.0448	0.0301
Copper	2B	2	4	3.17	42.9	183	94.7	mg/kg	6	6		9.00	0.550	2.08			2.08	0.00470	0.0492	0.0181
Copper	3A	32	132	116	40.8	131	117	mg/kg	16	16		14.2	0.860	6.61			6.61	0.00727	0.155	0.0586
Copper	3B	32	132	75.8	40.8	139	88.3	mg/kg	27	24	3	3.22	0.440	1.07	0.445	0.255	0.997	0.00187	0.0265	0.0123
Copper	4A	262	262	262	99.9	99.9	99.9	mg/kg	12	12		25.5	0.500	7.16			7.16	0.00500	0.255	0.0717
Copper	4B	262	262	262	99.9	99.9	99.9	mg/kg	45	44	1	2.76	0.310	0.795	0.0115	0.0115	0.778	0.000115	0.0276	0.00778
Copper	I 1A	1	1	1.00	9.80	169	90.1	mg/kg	9	5	4	6.10	1.80	3.78	2.10	0.550	2.57	0.00545	0.622	0.111
Copper	I 1B	1	3	2.00	71.2	853	312	mg/kg	5	5		33.0	0.640	24.5			24.5	0.00462	0.463	0.155
Copper	I 2A	47	47	47.0	71.6	71.6	71.6	mg/kg	13	13		24.2	11.2	16.8			16.8	0.156	0.338	0.234
Copper	I 2B	69	113	83.5	78.4	147	102	mg/kg	8	8		15.6	7.80	10.8			10.8	0.0593	0.159	0.111
delta-BHC	1	11	35	20.7	2.18	16.6	7.30	ug/kg	78		78				5.00	5.00	5.00	0.302	2.29	1.14
delta-BHC	2A	31	88	55.1	2.52	10.8	5.89	ug/kg	18		18				5.00	3.00	4.89	0.462	1.98	1.31
delta-BHC	2B	2	3	2.83	4.30	31.1	11.0	ug/kg	6		6				5.00	5.00	5.00	0.161	1.16	0.759
delta-BHC	3A	31	88	78.0	2.52	10.8	9.73	ug/kg	16		16				10.5	5.00	6.03	0.462	1.98	0.747
delta-BHC	3B	31	88	44.4	2.52	10.8	5.69	ug/kg	19		19				16.1	5.00	5.58	0.462	2.05	1.42
delta-BHC	4A	207	207	207	6.43	6.43	6.43	ug/kg	12		12				5.00	5.00	5.00	0.777	0.777	0.777
delta-BHC	4B	207	207	207	6.43	6.43	6.43	ug/kg	43		43				11.5	5.00	8.16	0.777	1.79	1.27
delta-BHC	I 1A	1	1	1.00	0.390	15.0	8.44	ug/kg	9		9				5.00	1.25	2.69	0.0893	3.21	1.31
delta-BHC	I 1B	1	3	2.00	2.65	19.8	7.81	ug/kg	5		5				3.00	1.25	1.60	0.0631	0.472	0.321
delta-BHC	I 2A	45	45	45.0	4.09	4.09	4.09	ug/kg	13		13				50.0	5.00	15.4	1.22	12.2	3.76
delta-BHC	I 2B	43	86	57.0	7.44	11.3	10.4	ug/kg	8		8				5.00	3.00	4.75	0.403	0.508	0.458
Dibenzo(a,h)anthracene	1	11	51	27.0	377	6870	1370	ug/kg	54		54				400	20.0	105	0.00582	0.530	0.150
Dibenzo(a,h)anthracene	2A	31	124	70.1	545	1630	1050	ug/kg	15		15				1000	20.0	129	0.0123	1.83	0.192
Dibenzo(a,h)anthracene	2B	2	4	3.00	203	3130	833	ug/kg	5		5				80.0	40.0	60.0	0.0128	0.295	0.205
Dibenzo(a,h)anthracene	3A	31	124	107	636	1560	1370	ug/kg	14		14				25.0	25.0	25.0	0.0161	0.0393	0.0206
Dibenzo(a,h)anthracene	3B	31	124	70.2	565	1720	1010	ug/kg	25		25				2300	25.0	505	0.0161	4.07	0.526
Dibenzo(a,h)anthracene	4A	254	254	254	1060	1060	1060	ug/kg	10		10				25.0	25.0	25.0	0.0236	0.0236	0.0236
Dibenzo(a,h)anthracene	4B	254	254	254	1060	1060	1060	ug/kg	43		43				2300	20.0	177	0.0189	2.18	0.168
Dibenzo(a,h)anthracene	I 1A	1	1	1.00	90.0	485	331	ug/kg	6	5	1	0.930	0.520	0.708	1000	1000	167	0.00107	11.1	1.85
Dibenzo(a,h)anthracene	I 1B	1	3	2.00	193	550	417	ug/kg	5	3	2	2.70	1.20	1.87	1000	335	268	0.00309	2.09	0.556
Dibenzo(a,h)anthracene	I 2A	47	47	47.0	556	556	556	ug/kg	5		5				2000	20.0	524	0.0360	3.60	0.942
Dibenzo(a,h)anthracene	I 2B	65	108	79.0	565	1780	887	ug/kg	8		8				1000	20.0	143	0.0112	1.77	0.245
Endosulfan I	1	11	35	20.7	2.18	28.6	10.9	ug/kg	78		78				5.00	5.00	5.00	0.175	2.29	1.07
Endosulfan I	2A	31	88	55.1	2.54	14.6	7.67	ug/kg	18		18				5.00	3.00	4.89	0.270	1.97	1.24

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Endosulfan I	2B	2	3	2.83	4.30	14.8	8.11	ug/kg	6		6				5.00	5.00	5.00	0.339	1.16	0.796
Endosulfan I	3A	31	88	78.0	2.54	14.5	12.6	ug/kg	16		16				10.5	5.00	6.03	0.345	1.97	0.631
Endosulfan I	3B	31	88	54.2	2.54	16.0	8.53	ug/kg	26		26				16.1	3.00	5.34	0.208	1.97	1.09
Endosulfan I	4A	207	207	207	8.03	8.03	8.03	ug/kg	12	2	10	18.0	12.0	15.0	5.00	5.00	6.67	0.623	2.24	0.831
Endosulfan I	4B	207	207	207	8.03	8.03	8.03	ug/kg	45	1	44	2.14	2.14	2.14	11.5	3.00	7.91	0.267	1.43	0.985
Endosulfan I	I 1A	1	1	1.00	0.230	15.0	6.04	ug/kg	9		9				5.00	1.25	2.69	0.333	13.0	1.99
Endosulfan I	I 1B	1	3	2.00	2.65	6.94	4.48	ug/kg	5		5				3.00	1.25	1.60	0.180	0.480	0.384
Endosulfan I	I 2A	45	45	45.0	4.16	4.16	4.16	ug/kg	13		13				50.0	5.00	15.4	1.20	12.0	3.69
Endosulfan I	I 2B	43	86	57.0	9.48	13.9	10.6	ug/kg	8		8				5.00	3.00	4.75	0.233	0.528	0.463
Endosulfan II	1	11	35	20.7	3.68	28.4	10.6	ug/kg	78		78				5.00	5.00	5.00	0.176	1.36	0.734
Endosulfan II	2A	31	88	55.1	4.31	15.9	9.07	ug/kg	18		18				5.00	3.00	4.89	0.314	1.16	0.779
Endosulfan II	2B	2	3	2.83	5.50	23.3	11.4	ug/kg	6		6				5.00	5.00	5.00	0.215	0.909	0.606
Endosulfan II	3A	31	88	78.0	4.31	15.9	14.5	ug/kg	16	1	15	14.0	14.0	14.0	21.0	5.00	8.78	0.314	1.32	0.656
Endosulfan II	3B	31	88	54.2	4.31	17.2	10.6	ug/kg	26	2	24	9.89	4.60	7.25	6.90	3.00	5.01	0.191	1.16	0.692
Endosulfan II	4A	207	207	207	9.78	9.78	9.78	ug/kg	12	7	5	30.0	15.0	21.4	5.00	5.00	14.6	0.511	3.07	1.49
Endosulfan II	4B	207	207	207	9.78	9.78	9.78	ug/kg	45	1	44	18.9	18.9	18.9	11.5	3.00	8.28	0.307	1.93	0.847
Endosulfan II	I 1A	1	1	1.00	1.85	33.0	13.5	ug/kg	9		9				5.00	2.50	3.39	0.0758	1.62	0.630
Endosulfan II	I 1B	1	3	2.00	5.00	63.5	23.2	ug/kg	5	1	4	8.50	8.50	8.50	2.50	2.50	3.70	0.0394	0.616	0.340
Endosulfan II	I 2A	45	45	45.0	6.28	6.28	6.28	ug/kg	13		13				50.0	5.00	15.4	0.796	7.96	2.45
Endosulfan II	I 2B	43	86	57.0	9.98	16.9	15.3	ug/kg	8		8				5.00	3.00	4.75	0.296	0.338	0.311
Endrin	1	11	35	20.7	3.68	31.5	13.5	ug/kg	78		78				5.00	5.00	5.00	0.159	1.36	0.690
Endrin	2A	31	88	55.1	4.31	18.3	10.3	ug/kg	18		18				5.00	3.00	4.89	0.219	1.16	0.736
Endrin	2B	2	3	2.83	5.50	15.2	9.15	ug/kg	6		6				5.00	5.00	5.00	0.329	0.909	0.668
Endrin	3A	31	88	78.0	4.31	18.2	16.0	ug/kg	16		16				21.0	5.00	8.22	0.275	1.16	0.570
Endrin	3B	31	88	54.2	4.31	20.0	11.2	ug/kg	26	1	25	5.52	5.52	5.52	6.90	3.00	4.93	0.166	1.16	0.661
Endrin	4A	207	207	207	10.7	10.7	10.7	ug/kg	12	3	9	24.0	10.00	14.7	8.50	5.00	7.71	0.467	2.24	0.720
Endrin	4B	207	207	207	10.7	10.7	10.7	ug/kg	45	1	44	4.14	4.14	4.14	11.5	3.00	7.95	0.280	1.07	0.743
Endrin	I 1A	1	1	1.00	1.85	28.0	12.4	ug/kg	9		9				5.00	2.50	3.39	0.0893	1.62	0.633
Endrin	I 1B	1	3	2.00	3.40	26.8	12.0	ug/kg	5		5				3.00	2.50	2.60	0.0933	0.882	0.412
Endrin	I 2A	45	45	45.0	6.29	6.29	6.29	ug/kg	13		13				50.0	5.00	15.4	0.795	7.95	2.45
Endrin	I 2B	43	86	57.0	12.2	17.2	13.4	ug/kg	8	3	5	25.0	13.0	19.3	5.00	3.00	10.1	0.203	2.03	0.775
Fluoranthene	1	12	54	26.0	408	7750	1290	ug/kg	77		77				500	20.0	106	0.00516	0.511	0.149
Fluoranthene	2A	32	132	75.0	533	1700	1080	ug/kg	17		17				1000	20.0	124	0.0118	1.88	0.181
Fluoranthene	2B	2	4	3.00	123	3710	954	ug/kg	5		5				80.0	40.0	60.0	0.0108	0.490	0.228
Fluoranthene	3A	32	132	115	653	1620	1430	ug/kg	15		15				25.0	25.0	25.0	0.0154	0.0383	0.0197
Fluoranthene	3B	32	132	74.4	536	1790	1030	ug/kg	25		25				2300	25.0	505	0.0154	4.29	0.536
Fluoranthene	4A	263	263	263	1120	1120	1120	ug/kg	12		12				25.0	25.0	25.0	0.0223	0.0223	0.0223
Fluoranthene	4B	263	263	263	1120	1120	1120	ug/kg	45		45				2300	20.0	170	0.0179	2.05	0.152
Fluoranthene	I 1A	1	1	1.00	90.0	19100	6590	ug/kg	9	5	4	12.0	2.80	6.54	1000	100.0	148	0.00524	11.1	1.25
Fluoranthene	I 1B	1	3	2.00	183	550	415	ug/kg	5	4	1	2.60	0.720	1.91	1000	1000	202	0.00144	2.09	0.424
Fluoranthene	I 2A	47	47	47.0	641	641	641	ug/kg	12		12				200	20.0	66.7	0.0312	0.312	0.104
Fluoranthene	I 2B	68	115	83.4	536	1910	922	ug/kg	8		8				1000	20.0	143	0.0105	1.87	0.255
Fluorene	1	11	49	22.6	361	7740	1340	ug/kg	77		77				500	20.0	106	0.00517	0.553	0.152
Fluorene	2A	31	119	68.8	559	1780	1110	ug/kg	17		17				1000	20.0	124	0.0113	1.79	0.176
Fluorene	2B	2	4	3.00	190	3160	836	ug/kg	5		5				80.0	40.0	60.0	0.0127	0.316	0.209
Fluorene	3A	31	119	104	647	1690	1480	ug/kg	15		15				25.0	25.0	25.0	0.0148	0.0386	0.0193
Fluorene	3B	31	119	68.2	579	1870	1060	ug/kg	25		25				2300	25.0	505	0.0148	3.97	0.504
Fluorene	4A	247	247	247	1120	1120	1120	ug/kg	12		12				25.0	25.0	25.0	0.0223	0.0223	0.0223
Fluorene	4B	247	247	247	1120	1120	1120	ug/kg	45		45				2300	20.0	170	0.0179	2.06	0.152
Fluorene	I 1A	1	1	1.00	90.0	485	274	ug/kg	9	5	4	0.680	0.290	0.444	1000	100.0	145	0.000690	11.1	1.44
Fluorene	I 1B	1	3	2.00	178	550	414	ug/kg	5	3	2	0.850	0.390	0.583	1000	335	267	0.000709	2.09	0.554
Fluorene	I 2A	45	45	45.0	579	579	579	ug/kg	12		12				200	20.0	66.7	0.0345	0.345	0.115
Fluorene	I 2B	64	103	77.1	579	1910	930	ug/kg	8		8				1000	20.0	143	0.0105	1.73	0.239
gamma-BHC (Lindane)	1	11	35	20.7	2.18	16.8	6.24	ug/kg	78		78				5.00	5.00	5.00	0.298	2.29	1.19
gamma-BHC (Lindane)	2A	31	88	55.1	2.54	8.88	5.13	ug/kg	18		18				5.00	3.00	4.89	0.563	1.97	1.35
gamma-BHC (Lindane)	2B	2	3	2.83	4.30	12.5	7.92	ug/kg	6		6				5.00	5.00	5.00	0.400	1.16	0.799
gamma-BHC (Lindane)	3A	31	88	78.0	2.54	8.88	8.02	ug/kg	16		16				10.5	5.00	6.03	0.563	1.97	0.858
gamma-BHC (Lindane)	3B	31	88	54.2	2.54	9.26	5.75	ug/kg	26	3	23	5.29	2.30	3.37	6.90	3.00	4.58	0.248	1.97	1.14
gamma-BHC (Lindane)	4A	207	207	207	5.68	5.68	5.68	ug/kg	12		12				5.00	5.00	5.00	0.881	0.881	0.881
gamma-BHC (Lindane)	4B	207	207	207	5.68	5.68	5.68	ug/kg	45	2	43	2.53	1.93	2.23	11.5	3.00	7.81	0.340	2.03	1.37
gamma-BHC (Lindane)	I 1A	1	1	1.00	0.950	15.0	7.82	ug/kg	9		9				5.00	1.25	2.69	0.125	3.16	0.804
gamma-BHC (Lindane)	I 1B	1	3	2.00	2.13	14.2	5.40	ug/kg	5	1	4	1.20	1.20	1.20	1.25	1.25	1.24	0.0883	0.565	0.364
gamma-BHC (Lindane)	I 2A	45	45	45.0	4.16	4.16	4.16	ug/kg	13		13				50.0	5.00	15.4	1.20	12.0	3.69
gamma-BHC (Lindane)	I 2B	43	86	57.0	5.45	9.19	8.12	ug/kg	8		8				5.00	3.00	4.75	0.544	0.616	0.584
gamma-Chlordane	1	11	35	20.7	1.94	28.1	11.1	ug/kg	78		78				5.00	5.00	5.00	0.178	2.58	1.12
gamma-Chlordane	2A	31	88	55.1	2.47	16.2	8.19	ug/kg	18		18				5.00	3.00	4.89	0.308	2.02	1.25
gamma-Chlordane	2B	2	3	2.83	4.30	13.9	8.12	ug/kg	6		6				5.00	5.00	5.00	0.360	1.16	0.793
gamma-Chlordane	3A	31	88	78.0	2.47	16.1	14.3	ug/kg	16	7	9	47.0	12.0	28.7	10.5	5.00	16.4	0.311	2.93	1.24
gamma-Chlordane	3B	31	88	54.2	2.47	17.9	9.92	ug/kg	26	2	24	2.10	2.10	2.10	16.1	3.00	5.27	0.131	2.02	1.07
gamma-Chlordane	4A	207	207	207	8.85	8.85	8.85	ug/kg	12	10	2	56.0	10.00	29.2	5.00	5.00	25.2	0.565	6.33	2.84
gamma-Chlordane	4B	207	207	207	8.85	8.85	8.85	ug/kg	45	3	42	11.0	5.98	8.96	11.5	5.00	8.24	0.565	1.30	0.931
gamma-Chlordane	I 1A	1	1	1.00	0.950	19.0	9.82	ug/kg	9		9				5.00	1.25	2.69	0.0658	3.16	0.791
gamma-Chlordane	I 1B	1	3	2.00	2.20	73.2	17.2	ug/kg	5		5				3.00	1.25	1.60	0.0171	0.702	0.417
gamma-Chlordane	I 2A	45	45	45.0	4.40	4.40	4.40	ug/kg	13		13				50.0	5.00	15.4	1.14	11.4	3.50
gamma-Chlordane	I 2B	43	86	57.0	11.9	15.9	14.8	ug/kg	8	1	7	15.0	15.0	15.0	5.00	3.00	6.00	0.252	0.954	0.399
Heptachlor	1	11	35	20.7	2.18	21.5	9.02	ug/kg	78		78				5.00	5.00	5.00	0.232	2.29	1.10
Heptachlor	2A	31	88	55.1	2.54	15.0	7.59	ug/kg	18	1	17	4.80	4.80	4.80	5.00	5.00	4.99	0.334	1.97	1.26
Heptachlor	2B	2	3	2.83	4.30	33.8	11.5	ug/kg	6		6				5.00	5.00	5.00	0.148	1.16	0.757
Heptachlor	3A	31	88	78.0	2.54	15.7	13.4	ug/kg	16		16				10.5	5.00	6.03	0.319	1.97	0.606
Heptachlor	3B	31	88	54.2	2.54	16.2	9.39	ug/kg	26	5	21	7.82	1.59	3.64	6.90	3.00	4.66	0.0982	1.97	1.01
Heptachlor	4A	207	207	207	8.20	8.20	8.20	ug/kg	12		12				5.00	5.00	5.00	0.610	0.610	0.610
Heptachlor	4B	207	207	207	8.20	8.20	8.20	ug/kg	45	3	42	22.8	12.2	18.0	11.5	5.00	8.84	0.610	2.78	1.08
Heptachlor	I 1A	1	1	1.00	0.950	56.0	18.0	ug/kg	9	1	8	0.900	0.900	0.900	5.00	1.25	2.46	0.0223	1.14	0.536
Heptachlor	I 1B	1	3	2.00	2.65	86.5	29.1	ug/kg	5		5				3.00	1.25	1.60	0.0145	0.472	0.279

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Heptachlor	I 2A	45	45	45.0	4.16	4.16	4.16	ug/kg	13		13				50.0	5.00	15.4	1.20	12.0	3.69
Heptachlor	I 2B	43	86	57.0	8.76	17.3	15.0	ug/kg	8	1	7	0.680	0.680	0.680	5.00	5.00	4.46	0.0777	0.368	0.286
Heptachlor Epoxide	1	11	35	20.7	2.18	28.8	10.7	ug/kg	78		78				5.00	5.00	5.00	0.174	2.29	1.08
Heptachlor Epoxide	2A	31	88	55.1	2.56	14.3	7.61	ug/kg	18		18				11.0	5.00	5.33	0.348	1.95	1.27
Heptachlor Epoxide	2B	2	3	2.83	4.30	14.8	8.30	ug/kg	6	1	5	19.0	19.0	19.0	5.00	5.00	7.33	0.339	4.42	1.33
Heptachlor Epoxide	3A	31	88	78.0	2.56	14.3	12.4	ug/kg	16		16				10.5	5.00	6.03	0.350	1.95	0.639
Heptachlor Epoxide	3B	31	88	54.2	2.56	15.8	8.26	ug/kg	26	4	22	3.91	1.30	2.69	25.3	5.00	6.67	0.0936	1.95	1.17
Heptachlor Epoxide	4A	207	207	207	7.93	7.93	7.93	ug/kg	12	1	11	30.0	30.0	30.0	5.00	5.00	7.08	0.631	3.78	0.894
Heptachlor Epoxide	4B	207	207	207	7.93	7.93	7.93	ug/kg	45	1	44	10.6	10.6	10.6	25.3	5.00	9.50	0.631	3.19	1.20
Heptachlor Epoxide	I 1A	1	1	1.00	1.10	19.0	9.86	ug/kg	9		9				11.0	1.25	3.58	0.0658	8.46	1.38
Heptachlor Epoxide	I 1B	1	3	2.00	2.65	9.05	5.78	ug/kg	5		5				11.0	1.25	3.20	0.138	1.53	0.555
Heptachlor Epoxide	I 2A	45	45	45.0	4.18	4.18	4.18	ug/kg	13		13				50.0	5.00	15.4	1.20	12.0	3.68
Heptachlor Epoxide	I 2B	43	86	57.0	8.66	13.4	9.82	ug/kg	8		8				11.0	5.00	5.75	0.374	0.913	0.585
Hexachloro-1,3-butadiene	1	12	58	27.0	355	6700	1130	ug/kg	77	1	76	19.0	19.0	19.0	500	20.0	106	0.00597	0.564	0.171
Hexachloro-1,3-butadiene	2A	32	139	77.8	520	1450	976	ug/kg	17		17				1000	20.0	124	0.0138	1.92	0.188
Hexachloro-1,3-butadiene	2B	2	4	3.00	180	3010	809	ug/kg	5		5				80.0	40.0	60.0	0.0133	0.333	0.210
Hexachloro-1,3-butadiene	3A	32	139	122	600	1390	1250	ug/kg	16	16		1800	110	506			506	0.0794	1.30	0.444
Hexachloro-1,3-butadiene	3B	32	139	79.6	528	1510	932	ug/kg	27	18	9	380	27.0	103	2300	25.0	522	0.0310	4.36	0.612
Hexachloro-1,3-butadiene	4A	270	270	270	994	994	994	ug/kg	12	8	4	380	36.0	127	25.0	25.0	93.2	0.0252	0.382	0.0938
Hexachloro-1,3-butadiene	4B	270	270	270	994	994	994	ug/kg	45		45				2300	20.0	170	0.0201	2.31	0.171
Hexachloro-1,3-butadiene	I 1A	1	4	1.33	109	485	324	ug/kg	9		9				1000	100.0	331	0.328	9.22	1.65
Hexachloro-1,3-butadiene	I 1B	1	6	2.60	366	550	463	ug/kg	5		5				1000	335	468	0.609	2.09	1.02
Hexachloro-1,3-butadiene	I 2A	47	47	47.0	552	552	552	ug/kg	12		12				200	20.0	66.7	0.0362	0.362	0.121
Hexachloro-1,3-butadiene	I 2B	74	120	88.6	528	1620	819	ug/kg	8		8				1000	20.0	143	0.0123	1.89	0.262
Hexachlorobenzene	1	12	55	26.5	355	6590	1280	ug/kg	77		77				500	20.0	106	0.00595	0.564	0.141
Hexachlorobenzene	2A	32	136	76.6	615	1800	1120	ug/kg	17		17				1000	20.0	124	0.0111	1.63	0.167
Hexachlorobenzene	2B	2	4	3.00	283	3110	1040	ug/kg	5	1	4	94.0	94.0	94.0	80.0	40.0	66.8	0.0129	0.332	0.178
Hexachlorobenzene	3A	32	136	118	640	1710	1530	ug/kg	15		15				25.0	25.0	25.0	0.0146	0.0390	0.0182
Hexachlorobenzene	3B	32	136	76.0	640	1880	1120	ug/kg	25	1	24	58.0	58.0	58.0	2300	25.0	506	0.0146	3.53	0.468
Hexachlorobenzene	4A	267	267	267	1150	1150	1150	ug/kg	12	2	10	280	230	255	25.0	25.0	63.3	0.0217	0.243	0.0549
Hexachlorobenzene	4B	267	267	267	1150	1150	1150	ug/kg	45		45				2300	20.0	170	0.0173	1.99	0.148
Hexachlorobenzene	I 1A	1	1	1.00	285	2220	954	ug/kg	9		9				1000	100.0	331	0.152	1.18	0.531
Hexachlorobenzene	I 1B	1	3	2.00	500	9940	2850	ug/kg	5		5				1000	335	468	0.0337	1.18	0.526
Hexachlorobenzene	I 2A	47	47	47.0	552	552	552	ug/kg	12		12				200	20.0	66.7	0.0362	0.362	0.121
Hexachlorobenzene	I 2B	71	117	86.0	652	1970	1230	ug/kg	8	3	5	28.0	20.0	24.7	1000	20.0	144	0.0101	1.53	0.208
Hexachloroethane	1	12	55	26.5	355	6670	1130	ug/kg	77		77				500	20.0	106	0.00600	0.564	0.173
Hexachloroethane	2A	32	136	76.6	515	1460	978	ug/kg	17		17				1000	20.0	124	0.0137	1.94	0.189
Hexachloroethane	2B	2	4	3.00	204	3110	833	ug/kg	5		5				80.0	40.0	60.0	0.0129	0.294	0.203
Hexachloroethane	3A	32	136	118	590	1390	1240	ug/kg	15		15				25.0	25.0	25.0	0.0180	0.0424	0.0222
Hexachloroethane	3B	32	136	76.0	516	1520	928	ug/kg	25		25				2300	25.0	505	0.0180	4.45	0.579
Hexachloroethane	4A	267	267	267	993	993	993	ug/kg	12		12				25.0	25.0	25.0	0.0252	0.0252	0.0252
Hexachloroethane	4B	267	267	267	993	993	993	ug/kg	45		45				2300	20.0	170	0.0201	2.32	0.172
Hexachloroethane	I 1A	1	1	1.00	90.0	485	322	ug/kg	9		9				1000	100.0	331	0.328	11.1	1.86
Hexachloroethane	I 1B	1	3	2.00	178	550	414	ug/kg	5		5				1000	335	468	0.609	2.09	1.23
Hexachloroethane	I 2A	47	47	47.0	552	552	552	ug/kg	12		12				200	20.0	66.7	0.0362	0.362	0.121
Hexachloroethane	I 2B	71	117	86.0	516	1640	814	ug/kg	8		8				1000	20.0	143	0.0122	1.94	0.267
Indeno(1,2,3-cd)pyrene	1	11	53	27.4	349	6940	1350	ug/kg	54		54				400	20.0	105	0.00576	0.573	0.155
Indeno(1,2,3-cd)pyrene	2A	31	127	71.3	543	1600	1030	ug/kg	15		15				1000	20.0	129	0.0125	1.84	0.194
Indeno(1,2,3-cd)pyrene	2B	2	4	3.00	227	3200	860	ug/kg	5		5				80.0	40.0	60.0	0.0125	0.274	0.192
Indeno(1,2,3-cd)pyrene	3A	31	127	109	603	1530	1340	ug/kg	14		14				25.0	25.0	25.0	0.0164	0.0415	0.0211
Indeno(1,2,3-cd)pyrene	3B	31	127	71.7	563	1680	986	ug/kg	25		25				2300	25.0	505	0.0164	4.08	0.532
Indeno(1,2,3-cd)pyrene	4A	257	257	257	1050	1050	1050	ug/kg	10		10				25.0	25.0	25.0	0.0239	0.0239	0.0239
Indeno(1,2,3-cd)pyrene	4B	257	257	257	1050	1050	1050	ug/kg	43		43				2300	20.0	177	0.0191	2.20	0.169
Indeno(1,2,3-cd)pyrene	I 1A	1	1	1.00	90.0	485	331	ug/kg	6	5	1	1.10	0.710	0.882	1000	1000	167	0.00169	11.1	1.85
Indeno(1,2,3-cd)pyrene	I 1B	1	3	2.00	80.0	550	394	ug/kg	5	4	1	3.10	0.360	1.64	1000	1000	201	0.000720	2.09	0.425
Indeno(1,2,3-cd)pyrene	I 2A	47	47	47.0	559	559	559	ug/kg	5		5				2000	20.0	524	0.0358	3.58	0.938
Indeno(1,2,3-cd)pyrene	I 2B	68	110	81.5	563	1740	861	ug/kg	8		8				1000	20.0	143	0.0115	1.78	0.246
Lead	1	12	51	25.9	23.3	163	64.7	mg/kg	78	64	14	4.30	0.0200	0.436	0.105	0.0100	0.368	0.000184	0.0666	0.00543
Lead	2A	32	132	75.5	30.7	100	60.9	mg/kg	18	18	0	1.70	0.440	0.848			0.848	0.00585	0.0241	0.0166
Lead	2B	2	4	3.17	29.8	88.2	50.8	mg/kg	6	6		0.780	0.110	0.258			0.258	0.00238	0.00885	0.00471
Lead	3A	32	132	116	30.7	100	89.8	mg/kg	16	16		1.50	0.0400	0.717			0.717	0.00130	0.0150	0.00764
Lead	3B	32	132	75.8	30.7	100	63.1	mg/kg	27	10	17	0.270	0.0500	0.134	0.920	0.0200	0.210	0.000277	0.0140	0.00283
Lead	4A	262	262	262	68.9	68.9	68.9	mg/kg	12	12		2.90	0.0600	0.718			0.718	0.000871	0.0421	0.0104
Lead	4B	262	262	262	68.9	68.9	68.9	mg/kg	45	24	21	0.943	0.0400	0.263	0.920	0.0100	0.217	0.000145	0.0137	0.00315
Lead	I 1A	1	1	1.00	12.9	744	265	mg/kg	9	3	6	0.330	0.160	0.233	0.245	0.0700	0.216	0.0000941	0.0186	0.00873
Lead	I 1B	1	3	2.00	49.2	264	109	mg/kg	5	4	1	2.20	0.470	1.52	0.400	0.400	1.29	0.00686	0.0284	0.0138
Lead	I 2A	47	47	47.0	40.0	40.0	40.0	mg/kg	13	13		0.270	0.120	0.162			0.162	0.00300	0.00675	0.00406
Lead	I 2B	69	113	83.5	53.1	84.1	62.7	mg/kg	8	5	3	0.670	0.0500	0.210	0.0100	0.0100	0.135	0.000119	0.0100	0.00215
Mercury	1	12	51	25.9	0.199	6.30	2.23	mg/kg	78	78		0.650	0.0130	0.206			0.206	0.0402	0.637	0.179
Mercury	2A	32	132	75.5	0.251	3.22	1.65	mg/kg	18	18	0	0.275	0.0520	0.119			0.119	0.0192	0.367	0.147
Mercury	2B	2	4	3.17	0.309	3.14	1.50	mg/kg	6	6		0.163	0.0620	0.109			0.109	0.0370	0.327	0.163
Mercury	3A	32	132	116	0.251	3.08	2.62	mg/kg	16	16		0.244	0.0590	0.131			0.131	0.0263	0.750	0.0978
Mercury	3B	32	132	75.8	0.251	3.36	1.71	mg/kg	27	24	3	0.251	0.0340	0.136	0.0650	0.0219	0.126	0.00738	0.706	0.215
Mercury	4A	262	262	262	1.97	1.97	1.97	mg/kg	12	12		0.185	0.0490	0.0865			0.0865	0.0248	0.0938	0.0439
Mercury	4B	262	262	262	1.97	1.97	1.97	mg/kg	45	45		1.29	0.0430	0.346			0.346	0.0218	0.653	0.175
Mercury	I 1A	1	1	1.00	0.0350	3.11	1.25	mg/kg	24	24		88.0	0.0310	27.2			27.2	0.0278	2510	384
Mercury	I 1B	1	3	1.82	0.810	7.20	3.19	mg/kg	11	11		103	0.0620	39.0			39.0	0.0135	68.6	17.5
Mercury	I 2A	47	47	47.0	0.849	0.849	0.849	mg/kg	13	13		0.0490	0.0290	0.0353			0.0353	0.0342	0.0577	0.0416
Mercury	I 2B	69	113	83.5	1.38	3.38	2.01	mg/kg	8	8		0.302	0.0640	0.162			0.162	0.0190	0.200	0.102
Methoxychlor	1	11	35	20.7	16.1	105	32.8	ug/kg	78		78				5.00	5.00	5.00	0.0474	0.311	0.196
Methoxychlor	2A	31	88	55.1	19.1	44.7	30.4	ug/kg	18		18				5.50	5.00	5.03	0.112	0.262	0.190
Methoxychlor	2B	2	3	2.83	16.0	93.5	36.0	ug/kg	6		6				21.0	10.5	19.3	0.225	1.31	0.834
Methoxychlor	3A	31	88	78.0	19.1	44.4	40.9	ug/kg	16		16				105	5.00	27.0	0.113	2.37	0.628
Methoxychlor	3B	31	88	54.2	19.1	45.5	32.1	ug/kg	26	1	25	34.5	34.5	34.5	21.0	5.00	7.71	0.113	1.04	0.252

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Methoxychlor	4A	207	207	207	32.4	32.4	32.4	ug/kg	12	1	11	13.0	13.0	13.0	41.5	5.00	11.4	0.154	1.28	0.351
Methoxychlor	4B	207	207	207	32.4	32.4	32.4	ug/kg	45	4	41	22.0	10.00	13.3	12.7	5.00	9.31	0.154	0.679	0.287
Methoxychlor	I 1A	1	1	1.00	0.395	23.5	15.2	ug/kg	9		9				12.5	5.00	9.22	0.333	13.9	2.09
Methoxychlor	I 1B	1	3	2.00	13.3	71.8	31.2	ug/kg	5		5				12.5	5.50	11.1	0.0767	0.940	0.532
Methoxychlor	I 2A	45	45	45.0	26.0	26.0	26.0	ug/kg	13		13				165	5.00	41.9	0.193	6.35	1.61
Methoxychlor	I 2B	43	86	57.0	33.2	48.2	39.4	ug/kg	8		8				5.50	5.00	5.06	0.104	0.165	0.130
Nickel	1	12	51	25.9	12.1	41.5	22.0	mg/kg	78	75	3	0.630	0.0300	0.0985	0.0650	0.0150	0.0966	0.000934	0.0458	0.00523
Nickel	2A	32	132	75.5	13.4	24.9	19.2	mg/kg	18	17	1	0.500	0.170	0.304	2.00	2.00	0.398	0.00682	0.0867	0.0209
Nickel	2B	2	4	3.17	13.1	37.2	22.7	mg/kg	6	6		0.310	0.0700	0.162			0.162	0.00296	0.0237	0.00884
Nickel	3A	32	132	116	13.4	24.9	23.0	mg/kg	16	3	13	0.520	0.380	0.433	0.160	0.0350	0.154	0.00221	0.0209	0.00653
Nickel	3B	32	132	75.8	13.4	25.9	19.2	mg/kg	27	19	8	0.980	0.0600	0.136	4.60	2.00	1.07	0.00281	0.194	0.0453
Nickel	4A	262	262	262	20.3	20.3	20.3	mg/kg	12	12		0.670	0.0600	0.199			0.199	0.00295	0.0329	0.00979
Nickel	4B	262	262	262	20.3	20.3	20.3	mg/kg	45	30	15	0.460	0.0300	0.136	4.60	0.0345	0.557	0.00147	0.226	0.0274
Nickel	I 1A	1	1	1.00	5.10	46.7	25.5	mg/kg	9	9		2.60	0.490	1.49			1.49	0.0105	0.294	0.108
Nickel	I 1B	1	3	2.00	20.5	72.9	43.1	mg/kg	5	4	1	0.620	0.540	0.583	2.00	2.00	0.866	0.00741	0.0499	0.0230
Nickel	I 2A	47	47	47.0	17.0	17.0	17.0	mg/kg	13	9	4	0.470	0.320	0.376	0.155	0.130	0.305	0.00763	0.0276	0.0179
Nickel	I 2B	69	113	83.5	17.2	25.9	20.2	mg/kg	8	7	1	0.210	0.0700	0.110	2.00	2.00	0.346	0.00383	0.0832	0.0154
OCDD	1	3	17	11.2	4030	6460	5110	ng/kg	18	8	10	23.6	5.04	10.5	2.64	1.13	5.64	0.000224	0.00366	0.00105
OCDD	2A	7	40	31.8	4160	4700	4570	ng/kg	4	4		84.1	67.7	76.2			76.2	0.0144	0.0202	0.0168
OCDD	2B	1	1	1.00	3800	12000	7900	ng/kg	2	2		6.21	5.76	5.99			5.99	0.000480	0.00163	0.00106
OCDD	3A	40	40	40.0	4700	4700	4700	ng/kg	3	2	1	17.0	6.42	11.7	1.11	1.11	8.18	0.000236	0.00361	0.00174
OCDD	3B	7	42	28.6	3580	4700	4300	ng/kg	7		7				6.30	0.875	1.92	0.000191	0.00134	0.000434
OCDD	4A	72	72	72.0	4430	4430	4430	ng/kg	3	3		171	22.4	72.8			72.8	0.00506	0.0386	0.0164
OCDD	4B	72	72	72.0	4430	4430	4430	ng/kg	10	3	7	6.21	3.96	4.88	1.26	0.685	2.15	0.000155	0.00140	0.000485
OCDD	I 1A	1	1	1.00	3170	7300	4560	ng/kg	3	3		110	22.3	57.8			57.8	0.00697	0.0151	0.0117
OCDD	I 1B	1	5	2.33	3200	14300	6960	ng/kg	3	3		105	25.4	67.1			67.1	0.00496	0.0310	0.0146
OCDD	I 2A	12	12	12.0	4560	4560	4560	ng/kg	2	2		21.3	20.0	20.7			20.7	0.00439	0.00467	0.00453
OCDD	I 2B	22	26	23.3	3750	3780	3760	ng/kg	3	3		3.03	1.74	2.22			2.22	0.000460	0.000808	0.000591
OCDF	1	3	17	11.2	380	51100	26400	ng/kg	18	11	7	51.4	1.63	14.5	0.605	0.180	8.97	0.0000249	0.00101	0.000405
OCDF	2A	7	40	31.8	550	29100	22000	ng/kg	4	4		205	51.6	152			152	0.00543	0.0938	0.0282
OCDF	2B	1	1	1.00	350	38000	19200	ng/kg	2	2		27.8	5.56	16.7			16.7	0.000732	0.0159	0.00831
OCDF	3A	40	40	40.0	29100	29100	29100	ng/kg	3	3		57.7	2.82	26.2			26.2	0.0000968	0.00198	0.000900
OCDF	3B	7	42	28.6	391	29100	20000	ng/kg	7	2	5	3.03	2.96	3.00	6.95	0.351	2.13	0.0000211	0.00102	0.000308
OCDF	4A	72	72	72.0	17600	17600	17600	ng/kg	3	3		16.8	0.539	8.64			8.64	0.0000306	0.000954	0.000490
OCDF	4B	72	72	72.0	17600	17600	17600	ng/kg	10		10				1.53	0.162	0.805	0.00000920	0.0000868	0.0000457
OCDF	I 1A	1	1	1.00	2700	120000	47800	ng/kg	3	3		160	11.4	64.0			64.0	0.00100	0.00422	0.00219
OCDF	I 1B	1	5	2.33	3900	35700	15400	ng/kg	3	3		420	17.8	181			181	0.00456	0.0162	0.0108
OCDF	I 2A	12	12	12.0	1160	1160	1160	ng/kg	2	2		8.46	6.95	7.71			7.71	0.00600	0.00731	0.00666
OCDF	I 2B	22	26	23.3	20400	23500	22500	ng/kg	3		3				0.955	0.725	0.827	0.0000340	0.0000406	0.0000367
PCB-105	1	8	14	10.5	5260	270000	95600	ng/kg	18	18		8530	1680	3980			3980	0.0140	0.808	0.267
PCB-105	2A	9	28	23.3	6190	241000	65000	ng/kg	4	4		7960	5040	6380			6380	0.0330	1.02	0.717
PCB-105	2B	1	1	1.00	4450	11700	8080	ng/kg	2	2		11500	4370	7940			7940	0.982	0.983	0.982
PCB-105	3A	28	28	28.0	6190	6190	6190	ng/kg	3	3		29900	6230	21700			21700	1.01	4.83	3.51
PCB-105	3B	9	28	19.7	4030	241000	80200	ng/kg	6	6		11800	2740	6510			6510	0.0410	0.918	0.548
PCB-105	4A	44	44	44.0	54900	54900	54900	ng/kg	3	3		22400	4730	16400			16400	0.0862	0.408	0.299
PCB-105	4B	44	44	44.0	54900	54900	54900	ng/kg	10	10		11700	718	5170			5170	0.0131	0.213	0.0943
PCB-105	I 1A	1	1	1.00	3290	11000	7150	ng/kg	2	2		3290	1000	2150			2150	0.299	0.304	0.302
PCB-105	I 1B	1	4	2.00	2710	22800	14500	ng/kg	3	3		2260	1020	1580			1580	0.0447	0.833	0.319
PCB-105	I 2A	3	3	3.00	15000	15000	15000	ng/kg	2	2		2190	1870	2030			2030	0.125	0.146	0.136
PCB-105	I 2B	16	19	17.0	3980	4670	4210	ng/kg	3	3		12100	8640	10200			10200	1.85	3.04	2.46
PCB-114	1	8	14	10.5	1340	16600	7150	ng/kg	18	18		360	132	256			256	0.00854	0.269	0.0894
PCB-114	2A	9	28	23.3	1660	14800	4950	ng/kg	4	4		601	381	456			456	0.0296	0.363	0.217
PCB-114	2B	1	1	1.00	351	361	356	ng/kg	2	2		621	414	518			518	1.18	1.72	1.45
PCB-114	3A	28	28	28.0	1660	1660	1660	ng/kg	3	3		2450	624	1650			1650	0.377	1.48	0.997
PCB-114	3B	9	28	19.7	981	14800	5680	ng/kg	6	6		563	174	331			331	0.0308	0.197	0.125
PCB-114	4A	44	44	44.0	4190	4190	4190	ng/kg	3	3		1560	334	1120			1120	0.0797	0.372	0.268
PCB-114	4B	44	44	44.0	4190	4190	4190	ng/kg	10	10		591	38.3	285			285	0.00914	0.141	0.0681
PCB-114	I 1A	1	1	1.00	711	1080	896	ng/kg	2	2		180	66.8	123			123	0.0940	0.167	0.130
PCB-114	I 1B	1	4	2.00	778	7080	4630	ng/kg	3	3		93.9	50.2	74.2			74.2	0.00831	0.121	0.0467
PCB-114	I 2A	3	3	3.00	719	719	719	ng/kg	2	2		107	89.4	98.2			98.2	0.124	0.149	0.137
PCB-114	I 2B	16	19	17.0	930	1170	1010	ng/kg	3	3		922	765	825			825	0.652	0.992	0.830
PCB-118	1	1	5	3.00	4650	53600	28800	ng/kg	18	18		35400	6960	16800			16800	0.130	7.61	1.74
PCB-118	2A	2	10	8.00	22900	27300	26200	ng/kg	4	4		32200	19700	25100			25100	0.721	1.40	0.974
PCB-118	2B	1	1	1.00	11900	41200	26600	ng/kg	2	2		44400	17200	30800			30800	1.08	1.45	1.26
PCB-118	3A	10	10	10.00	27300	27300	27300	ng/kg	3	3		112000	23500	80800			80800	0.860	4.10	2.96
PCB-118	3B	2	10	6.33	18400	27300	24200	ng/kg	6	6		45200	11400	26000			26000	0.525	1.97	1.13
PCB-118	4A	17	17	17.0	31000	31000	31000	ng/kg	3	3		96900	20500	68600			68600	0.660	3.12	2.21
PCB-118	4B	17	17	17.0	31000	31000	31000	ng/kg	10	10		47300	2770	20700			20700	0.0892	1.52	0.667
PCB-118	I 1A	1	1	1.00	16900	32900	24900	ng/kg	2	2		12600	3670	8140			8140	0.217	0.383	0.300
PCB-118	I 1B	1	1	1.00	3910	87700	35600	ng/kg	3	3		7630	3370	5180			5180	0.0384	1.16	0.565
PCB-118	I 2A	3	3	3.00	46400	46400	46400	ng/kg	2	2		9710	7970	8840			8840	0.172	0.209	0.191
PCB-118	I 2B	4	5	4.33	18800	19600	19000	ng/kg	3	3		49100	39100	43500			43500	2.00	2.62	2.29
PCB-123	I 1A	1	1	1.00	2570	2570	2570	ng/kg	1	1		77.7	77.7	77.7			77.7	0.0302	0.0302	0.0302
PCB-123	I 1B	1	3	1.67	5.26	3880	1410	ng/kg	3	3		180	75.4	113			113	0.0217	14.3	4.96
PCB-126	1	8	14	10.5	257	5410	2800	ng/kg	18	18		206	43.8	113			113	0.0190	0.448	0.0992
PCB-126	2A	9	28	23.3	862	4860	1860	ng/kg	4	4		251	149	201			201	0.0517	0.237	0.173
PCB-126	2B	1	1	1.00	310	436	373	ng/kg	2	2		319	113	216			216	0.365	0.732	0.548
PCB-126	3A	28	28	28.0	862	862	862	ng/kg	3	3		704	164	521			521	0.190	0.817	0.605
PCB-126	3B	9	28	19.7	212	4860	2010	ng/kg	6	5	1	254	35.3	131	11.9	11.9	111	0.0296	0.145	0.0740
PCB-126	4A	44	44	44.0	1600	1600	1600	ng/kg	3	3		842	80.9	570			570	0.0506	0.527	0.357
PCB-126	4B	44	44	44.0	1600	1600	1600	ng/kg	10	10		291	16.4	105			105	0.0103	0.182	0.0658
PCB-126	I 1A	1	1	1.00	187	485	336	ng/kg	2	2		103	17.1	60.1			60.1	0.0914	0.212	0.152
PCB-126	I 1B	1	4	2.00	163	1570	971	ng/kg	3	3		93.8	30.0	62.4			62.4	0.0254	0.576	0.214
PCB-126	I 2A	3	3	3.00	450	450	450	ng/kg	2	2		64.7	51.9	58.3			58.3	0.115	0.144	0.129

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
PCB-126	I 2B	16	19	17.0	204	223	210	ng/kg	3	3		304	223	271			271	1.000	1.49	1.30
PCB-136	I 1A	1	1	1.00	2540	2540	2540	ng/kg	1	1		487	487	487			487	0.192	0.192	0.192
PCB-136	I 1B	1	3	1.67	13.9	7310	2700	ng/kg	3	3		253	37.9	155			155	0.0239	2.73	1.02
PCB-141	I 1A	1	1	1.00	5240	5240	5240	ng/kg	1	1		709	709	709			709	0.135	0.135	0.135
PCB-141	I 1B	1	3	1.67	18.6	12300	4560	ng/kg	3	3		2060	671	1260			1260	0.0846	36.1	12.6
PCB-156	1	8	14	10.5	3870	84600	33000	ng/kg	18	18		4330	949	2170			2170	0.0253	0.563	0.192
PCB-156	2A	9	28	23.3	5080	75900	22800	ng/kg	4	4		3670	2720	3260			3260	0.0484	0.664	0.472
PCB-156	2B	1	1	1.00	1680	6800	4240	ng/kg	2	2		5090	2330	3710			3710	0.749	1.39	1.07
PCB-156	3A	28	28	28.0	5080	5080	5080	ng/kg	3	3		14100	3030	9540			9540	0.597	2.78	1.88
PCB-156	3B	9	28	19.7	3100	75900	27100	ng/kg	6	6		5950	1170	3090			3090	0.0623	0.522	0.321
PCB-156	4A	44	44	44.0	19400	19400	19400	ng/kg	3	3		13600	2160	8720			8720	0.112	0.703	0.451
PCB-156	4B	44	44	44.0	19400	19400	19400	ng/kg	10	10		5920	310	2570			2570	0.0160	0.306	0.133
PCB-156	I 1A	1	1	1.00	4440	4440	4440	ng/kg	1	1		584	584	584			584	0.132	0.132	0.132
PCB-156	I 2A	3	3	3.00	5080	5080	5080	ng/kg	2	2		895	702	799			799	0.138	0.176	0.157
PCB-156	I 2B	16	19	17.0	2990	3450	3140	ng/kg	3	3		5530	4580	4960			4960	1.38	1.85	1.59
PCB-157	1	8	14	10.5	986	21200	8210	ng/kg	18	18		1460	252	662			662	0.0379	0.623	0.220
PCB-157	2A	9	28	23.3	1230	19200	5720	ng/kg	4	4		1040	745	917			917	0.0542	0.776	0.548
PCB-157	2B	1	1	1.00	431	2840	1640	ng/kg	2	2		1330	613	972			972	0.468	1.42	0.945
PCB-157	3A	28	28	28.0	1230	1230	1230	ng/kg	3	3		3910	763	2600			2600	0.621	3.18	2.11
PCB-157	3B	9	28	19.7	813	19200	6830	ng/kg	6	6		1730	315	868			868	0.0705	0.588	0.355
PCB-157	4A	44	44	44.0	4870	4870	4870	ng/kg	3	3		3290	630	2220			2220	0.129	0.675	0.455
PCB-157	4B	44	44	44.0	4870	4870	4870	ng/kg	10	10		1720	84.4	728			728	0.0173	0.353	0.149
PCB-157	I 1A	1	1	1.00	1240	1240	1240	ng/kg	1	1		324	324	324			324	0.261	0.261	0.261
PCB-157	I 2A	3	3	3.00	1340	1340	1340	ng/kg	2	2		246	186	216			216	0.138	0.183	0.161
PCB-157	I 2B	16	19	17.0	782	881	815	ng/kg	3	3		1570	1250	1360			1360	1.44	2.01	1.68
PCB-167	1	8	14	10.5	3160	34900	15600	ng/kg	18	18		3010	689	1610			1610	0.0501	0.512	0.188
PCB-167	2A	9	28	23.3	4150	31600	11000	ng/kg	4	4		2270	1970	2150			2150	0.0713	0.547	0.400
PCB-167	2B	1	1	1.00	1210	5010	3110	ng/kg	2	2		3180	1610	2400			2400	0.635	1.33	0.983
PCB-167	3A	28	28	28.0	4150	4150	4150	ng/kg	3	3		9530	2180	6560			6560	0.525	2.30	1.58
PCB-167	3B	9	28	19.7	2560	31600	12500	ng/kg	6	6		2660	841	1740			1740	0.0843	0.395	0.260
PCB-167	4A	44	44	44.0	9470	9470	9470	ng/kg	3	3		8410	1520	5720			5720	0.161	0.888	0.605
PCB-167	4B	44	44	44.0	9470	9470	9470	ng/kg	10	10		3240	181	1430			1430	0.0191	0.343	0.151
PCB-167	I 1A	1	1	1.00	1770	2970	2370	ng/kg	2	2		856	289	573			573	0.163	0.288	0.226
PCB-167	I 1B	1	4	2.00	1890	19900	13700	ng/kg	3	3		835	414	586			586	0.0208	0.443	0.163
PCB-167	I 2A	3	3	3.00	2610	2610	2610	ng/kg	2	2		503	426	465			465	0.163	0.192	0.178
PCB-167	I 2B	16	19	17.0	2450	2820	2570	ng/kg	3	3		3930	3160	3490			3490	1.20	1.61	1.37
PCB-169	1	8	14	10.5	91.4	301	181	ng/kg	18		18				16.7	9.60	11.7	0.0324	0.171	0.0830
PCB-169	2A	9	28	23.3	88.6	151	135	ng/kg	4	3	1	25.0	11.7	20.0	10.00	10.00	17.5	0.0775	0.166	0.128
PCB-169	2B	1	1	1.00	16.5	135	75.8	ng/kg	2		2				12.9	12.3	12.6	0.0911	0.779	0.435
PCB-169	3A	28	28	28.0	151	151	151	ng/kg	3		3				12.9	12.1	12.6	0.0802	0.0852	0.0833
PCB-169	3B	9	28	19.7	78.0	151	117	ng/kg	6	4	2	15.2	7.28	10.7	11.9	10.1	10.8	0.0482	0.172	0.107
PCB-169	4A	44	44	44.0	119	119	119	ng/kg	3		3				11.0	9.95	10.4	0.0833	0.0921	0.0868
PCB-169	4B	44	44	44.0	119	119	119	ng/kg	10	1	9	7.59	7.59	7.59	23.0	3.76	14.2	0.0315	0.193	0.119
PCB-169	I 1A	1	1	1.00	141	173	157	ng/kg	2	1	1	8.25	8.25	8.25	1.07	1.07	4.66	0.00759	0.0477	0.0276
PCB-169	I 1B	1	4	2.00	87.9	984	497	ng/kg	3	1	2	6.82	6.82	6.82	1.92	1.04	3.26	0.00105	0.0218	0.0130
PCB-169	I 2A	3	3	3.00	23.2	23.2	23.2	ng/kg	2		2				15.3	15.3	15.3	0.657	0.659	0.658
PCB-169	I 2B	16	19	17.0	73.3	74.6	73.7	ng/kg	3	2	1	25.4	23.1	24.3	9.95	9.95	19.5	0.136	0.347	0.264
PCB-174	I 1A	1	1	1.00	5880	5880	5880	ng/kg	1	1		589	589	589			589	0.100	0.100	0.100
PCB-174	I 1B	1	3	1.67	24.7	15900	5750	ng/kg	3	3		1200	371	828			828	0.0575	15.0	5.33
PCB-179	I 1A	1	1	1.00	2150	2150	2150	ng/kg	1	1		251	251	251			251	0.117	0.117	0.117
PCB-179	I 1B	1	3	1.67	11.1	8090	2880	ng/kg	3	3		385	104	276			276	0.0418	9.37	3.38
PCB-189	1	8	14	10.5	1830	5090	3780	ng/kg	18	18		481	132	276			276	0.0318	0.182	0.0806
PCB-189	2A	9	28	23.3	2710	3030	2790	ng/kg	4	4		918	436	627			627	0.144	0.339	0.227
PCB-189	2B	1	1	1.00	739	929	834	ng/kg	2	2		579	509	544			544	0.548	0.783	0.666
PCB-189	3A	28	28	28.0	2710	2710	2710	ng/kg	3	3		3040	762	1850			1850	0.281	1.12	0.683
PCB-189	3B	9	28	19.7	1510	3030	2570	ng/kg	6	6		502	141	284			284	0.0650	0.166	0.108
PCB-189	4A	44	44	44.0	2450	2450	2450	ng/kg	3	3		2860	398	1780			1780	0.162	1.17	0.725
PCB-189	4B	44	44	44.0	2450	2450	2450	ng/kg	10	10		568	32.7	207			207	0.0133	0.232	0.0843
PCB-189	I 1A	1	1	1.00	1090	1100	1100	ng/kg	2	2		51.2	39.1	45.2			45.2	0.0355	0.0470	0.0413
PCB-189	I 1B	1	4	2.00	1250	13500	8980	ng/kg	3	3		93.6	52.7	76.5			76.5	0.00432	0.0664	0.0259
PCB-189	I 2A	3	3	3.00	457	457	457	ng/kg	2	2		63.6	59.1	61.4			61.4	0.129	0.139	0.134
PCB-189	I 2B	16	19	17.0	1430	1640	1500	ng/kg	3	3		551	418	469			469	0.254	0.385	0.315
PCB-194	I 1A	1	1	1.00	23300	23300	23300	ng/kg	1	1		177	177	177			177	0.00760	0.00760	0.00760
PCB-194	I 1B	1	3	1.67	56.3	90000	31500	ng/kg	3	3		534	265	410			410	0.00593	4.71	1.60
PCB-202	I 1A	1	1	1.00	2390	2390	2390	ng/kg	1	1		101	101	101			101	0.0423	0.0423	0.0423
PCB-202	I 1B	1	3	1.67	7.73	11400	3960	ng/kg	3	3		249	73.3	161			161	0.0218	9.48	3.28
PCB-206	I 1A	1	1	1.00	152000	152000	152000	ng/kg	1	1		1410	1410	1410			1410	0.00928	0.00928	0.00928
PCB-206	I 1B	1	3	1.67	295	523000	184000	ng/kg	3	3		1160	318	622			622	0.00222	1.08	0.365
PCB-207	I 1A	1	1	1.00	30300	30300	30300	ng/kg	1	1		372	372	372			372	0.0123	0.0123	0.0123
PCB-207	I 1B	1	3	1.67	45.8	85900	30200	ng/kg	3	3		384	118	215			215	0.00447	2.58	0.870
PCB-208	I 1A	1	1	1.00	20200	20200	20200	ng/kg	1	1		370	370	370			370	0.0183	0.0183	0.0183
PCB-208	I 1B	1	3	1.67	39.1	69900	24400	ng/kg	3	3		499	119	258			258	0.00714	3.04	1.03
PCB-209	I 1A	1	1	1.00	366000	366000	366000	ng/kg	1	1		3010	3010	3010			3010	0.00822	0.00822	0.00822
PCB-209	I 1B	1	3	1.67	718	1080000	384000	ng/kg	3	3		2720	642	1420			1420	0.00252	0.894	0.303
Pentachlorophenol	1	11	42	31.2	1180	10300	3000	ug/kg	20		20				1000	50.0	375	0.0243	0.446	0.201
Pentachlorophenol	2A	31	112	67.9	1440	4470	2860	ug/kg	16		16				5000	50.0	481	0.0112	3.47	0.290
Pentachlorophenol	2B	2	3	2.80	510	10200	2580	ug/kg	5		5				200	100.0	150	0.00977	0.294	0.201
Pentachlorophenol	3B	31	112	65.2	1490	4730	2670	ug/kg	25		25				11500	60.0	2480	0.0141	7.70	0.959
Pentachlorophenol	4A	242	242	242	2740	2740	2740	ug/kg	12		12				60.0	60.0	60.0	0.0219	0.0219	0.0219
Pentachlorophenol	4B	242	242	242	2740	2740	2740	ug/kg	9		9				11500	115	3520	0.0420	4.20	1.29
Pentachlorophenol	I 1A	1	1	1.00	230	1200	822	ug/kg	6		6				5000	850	1540	0.708	21.7	4.42
Pentachlorophenol	I 1B	1	2	1.60	590	1350	1120	ug/kg	5		5				5000	850	1680	0.630	4.17	1.52
Pentachlorophenol	I 2A	47	47	47.0	1390	1390	1390	ug/kg	12		12				500	50.0	133	0.0361	0.361	0.0961
Pentachlorophenol	I 2B	71	71	71.0	1490	1490	1490	ug/kg	1		1				5000	5000	5000	3.35	3.35	3.35

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Phenanthrene	1	12	55	26.0	334	6260	1070	ug/kg	77		77				500	20.0	106	0.00639	0.574	0.166
Phenanthrene	2A	32	131	74.6	539	1470	966	ug/kg	17		17				1000	20.0	124	0.0136	1.85	0.187
Phenanthrene	2B	2	4	3.00	240	3540	927	ug/kg	5		5				80.0	40.0	60.0	0.0113	0.280	0.192
Phenanthrene	3A	32	131	114	604	1410	1260	ug/kg	15		15				25.0	25.0	25.0	0.0177	0.0414	0.0220
Phenanthrene	3B	32	131	74.0	546	1550	926	ug/kg	25		25				2300	25.0	505	0.0177	4.21	0.558
Phenanthrene	4A	262	262	262	998	998	998	ug/kg	12		12				25.0	25.0	25.0	0.0251	0.0251	0.0251
Phenanthrene	4B	262	262	262	998	998	998	ug/kg	45		45				2300	20.0	170	0.0200	2.30	0.171
Phenanthrene	I 1A	1	1	1.00	90.0	734	465	ug/kg	9	6	3	72.0	1.70	14.2	1000	100.0	143	0.00405	11.1	1.28
Phenanthrene	I 1B	1	3	2.00	150	550	408	ug/kg	5	4	1	5.50	0.790	3.70	1000	1000	203	0.00158	2.09	0.429
Phenanthrene	I 2A	47	47	47.0	604	604	604	ug/kg	12		12				200	20.0	66.7	0.0331	0.331	0.110
Phenanthrene	I 2B	68	115	83.3	546	1630	848	ug/kg	8		8				1000	20.0	143	0.0123	1.83	0.252
Pyrene	1	12	55	26.7	336	7650	1300	ug/kg	74		74				500	20.0	108	0.00523	0.595	0.153
Pyrene	2A	32	133	74.5	549	1690	1050	ug/kg	15		15				1000	20.0	129	0.0118	1.82	0.194
Pyrene	2B	2	4	3.00	221	3540	888	ug/kg	5		5				80.0	40.0	60.0	0.0113	0.362	0.233
Pyrene	3A	32	133	115	637	1620	1430	ug/kg	15		15				25.0	25.0	25.0	0.0154	0.0393	0.0200
Pyrene	3B	32	133	74.9	558	1780	1020	ug/kg	25		25				2300	25.0	505	0.0154	4.12	0.524
Pyrene	4A	264	264	264	1100	1100	1100	ug/kg	12		12				25.0	25.0	25.0	0.0228	0.0228	0.0228
Pyrene	4B	264	264	264	1100	1100	1100	ug/kg	43		43				2300	20.0	177	0.0182	2.09	0.161
Pyrene	I 1A	1	1	1.00	90.0	17300	5990	ug/kg	9	5	4	19.0	5.50	10.6	1000	100.0	150	0.00578	11.1	1.25
Pyrene	I 1B	1	3	2.00	110	550	373	ug/kg	5	4	1	7.50	1.20	5.10	1000	1000	204	0.0109	2.09	0.430
Pyrene	I 2A	47	47	47.0	571	571	571	ug/kg	12		12				200	20.0	66.7	0.0350	0.350	0.117
Pyrene	I 2B	69	116	84.3	558	1870	909	ug/kg	8		8				1000	20.0	143	0.0107	1.79	0.247
Selenium	1	10	43	20.8	0.572	1.22	0.861	mg/kg	78	78		2.90	0.230	0.563			0.563	0.367	3.21	0.661
Selenium	2A	30	111	65.2	0.660	1.13	0.891	mg/kg	18	18	0	1.10	0.550	0.682			0.682	0.505	1.07	0.802
Selenium	2B	1	3	2.17	0.550	1.15	0.788	mg/kg	6	6		0.560	0.380	0.442			0.442	0.417	0.691	0.594
Selenium	3A	30	111	97.8	0.660	1.13	1.04	mg/kg	16	16		0.780	0.300	0.560			0.560	0.275	1.18	0.558
Selenium	3B	30	111	65.4	0.660	1.16	0.928	mg/kg	27	24	3	3.22	0.290	0.838	1.73	0.415	0.845	0.301	2.80	0.862
Selenium	4A	235	235	235	0.991	0.991	0.991	mg/kg	12	12		0.770	0.290	0.442			0.442	0.293	0.777	0.446
Selenium	4B	235	235	235	0.991	0.991	0.991	mg/kg	45	44	1	3.45	0.240	1.15	0.0345	0.0345	1.12	0.0348	3.48	1.13
Selenium	I 1A	1	1	1.00	0.400	2.00	1.03	mg/kg	9	3	6	0.820	0.360	0.593	0.490	0.0950	0.468	0.0475	1.19	0.712
Selenium	I 1B	1	3	2.00	0.583	0.850	0.710	mg/kg	5	1	4	1.30	1.30	1.30	0.490	0.420	0.629	0.559	1.68	0.877
Selenium	I 2A	44	44	44.0	0.908	0.908	0.908	mg/kg	13	13		0.550	0.350	0.457			0.457	0.385	0.606	0.503
Selenium	I 2B	61	95	72.9	1.07	1.15	1.10	mg/kg	8	8		0.890	0.360	0.666			0.666	0.336	0.788	0.603
Total Chlordane (U=1/2; max ND)	1	11	35	20.7	3.80	53.0	22.2	ug/kg	78		78				10.00	10.00	10.00	0.189	2.63	1.14
Total Chlordane (U=1/2; max ND)	2A	31	88	55.2	4.97	31.4	16.1	ug/kg	18	1	17	5.30	5.30	5.30	10.00	10.00	9.74	0.251	2.01	1.25
Total Chlordane (U=1/2; max ND)	2B	2	3	2.83	8.60	37.1	17.8	ug/kg	6	1	5	19.0	19.0	19.0	10.00	10.00	11.5	0.269	2.21	0.952
Total Chlordane (U=1/2; max ND)	3A	31	88	78.0	4.97	31.1	27.3	ug/kg	16	7	9	65.0	17.0	36.6	21.0	10.00	23.7	0.321	2.09	0.980
Total Chlordane (U=1/2; max ND)	3B	31	88	54.3	4.97	33.7	18.5	ug/kg	26	7	19	20.7	5.10	9.60	10.00	6.00	9.74	0.164	2.01	1.05
Total Chlordane (U=1/2; max ND)	4A	208	208	208	17.0	17.0	17.0	ug/kg	12	11	1	92.0	15.0	49.4	10.00	10.00	46.1	0.587	5.40	2.71
Total Chlordane (U=1/2; max ND)	4B	208	208	208	17.0	17.0	17.0	ug/kg	45	4	41	24.4	14.8	21.6	23.0	10.00	16.9	0.587	1.43	0.992
Total Chlordane (U=1/2; max ND)	I 1A	1	1	1.00	1.12	30.0	16.4	ug/kg	9	2	7	2.85	2.55	2.70	10.00	2.50	5.43	0.105	5.36	1.06
Total Chlordane (U=1/2; max ND)	I 1B	1	3	2.00	3.80	80.9	21.7	ug/kg	5		5				6.00	2.50	3.20	0.0309	0.658	0.406
Total Chlordane (U=1/2; max ND)	I 2A	46	46	46.0	8.52	8.52	8.52	ug/kg	13		13				100.0	10.00	30.8	1.17	11.7	3.61
Total Chlordane (U=1/2; max ND)	I 2B	43	86	57.1	23.8	30.2	25.2	ug/kg	8	2	6	20.0	4.90	12.5	10.00	10.00	10.6	0.194	0.662	0.415
Total DDT (U=1/2; max ND)	1	11	35	20.8	7.46	67.6	32.2	ug/kg	78	1	77	91.0	91.0	91.0	10.00	10.00	11.0	0.148	11.6	0.772
Total DDT (U=1/2; max ND)	2A	31	88	55.3	8.95	45.0	24.7	ug/kg	18	1	17	8.40	8.40	8.40	10.00	10.00	9.91	0.222	1.12	0.677
Total DDT (U=1/2; max ND)	2B	2	3	2.83	11.3	78.2	29.0	ug/kg	6	3	3	23.0	21.0	22.0	10.00	10.00	16.0	0.281	2.03	0.949
Total DDT (U=1/2; max ND)	3A	31	88	78.0	8.95	44.9	39.5	ug/kg	16	11	5	86.0	23.0	46.6	10.00	10.00	35.2	0.223	4.58	1.14
Total DDT (U=1/2; max ND)	3B	31	88	54.5	8.95	46.4	27.0	ug/kg	26	3	23	18.4	15.2	16.9	32.2	6.00	11.0	0.135	1.12	0.627
Total DDT (U=1/2; max ND)	4A	209	209	209	25.8	25.8	25.8	ug/kg	12	10	2	210	22.0	57.6	10.00	10.00	49.7	0.387	8.13	1.92
Total DDT (U=1/2; max ND)	4B	209	209	209	25.8	25.8	25.8	ug/kg	45	6	39	76.0	7.40	30.2	23.0	10.00	18.6	0.286	2.94	0.721
Total DDT (U=1/2; max ND)	I 1A	1	1	1.00	4.30	30.0	18.6	ug/kg	9	5	4	8.70	6.00	7.08	10.00	6.00	7.93	0.247	2.02	0.753
Total DDT (U=1/2; max ND)	I 1B	1	3	2.00	11.0	48.9	28.1	ug/kg	5	1	4	8.80	8.80	8.80	5.00	5.00	5.76	0.102	0.455	0.251
Total DDT (U=1/2; max ND)	I 2A	46	46	46.0	13.9	13.9	13.9	ug/kg	13		13				100.0	10.00	30.8	0.718	7.18	2.21
Total DDT (U=1/2; max ND)	I 2B	43	87	57.4	31.6	44.2	34.6	ug/kg	8	4	4	73.0	8.10	53.0	10.00	10.00	31.5	0.212	2.25	0.900
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	3	8	6.00	17.0	936	456	ng/kg	18	18		9.86	0.335	3.80			3.80	0.00260	0.0523	0.0148
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2A	7	22	18.3	24.2	409	313	ng/kg	4	4		18.3	6.45	12.8			12.8	0.0288	0.266	0.0939
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2B	1	1	1.00	24.0	808	416	ng/kg	2	2		7.33	7.06	7.19			7.19	0.00908	0.294	0.151
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3A	22	22	22.0	409	409	409	ng/kg	3	3		41.3	12.3	29.6			29.6	0.0302	0.101	0.0724
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	7	22	16.3	23.6	409	262	ng/kg	7	7		3.69	0.537	1.96			1.96	0.00319	0.0600	0.0170
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4A	52	52	52.0	202	202	202	ng/kg	3	3		44.9	4.98	25.9			25.9	0.0246	0.222	0.128
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	52.0	202	202	202	ng/kg	10	10		1.96	0.351	1.23			1.23	0.00174	0.00969	0.00607
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1A	1	1	1.00	56.4	876	382	ng/kg	3	3		16.5	1.21	10.2			10.2	0.00562	0.229	0.0846
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1B	1	2	1.33	4.95	440	176	ng/kg	3	3		84.2	4.70	31.7			31.7	0.0573	1.24	0.495
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 2A	12	12	12.0	45.4	45.4	45.4	ng/kg	2	2		2.06	1.77	1.92			1.92	0.0391	0.0455	0.0423
Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 2B	10	12	10.7	158	162	160	ng/kg	3	3		19.1	15.4	16.9			16.9	0.0978	0.118	0.105
Total HPAH (U=1/2; max ND)	1	12	55	26.2	1500	22900	4270	ug/kg	77		77				1000	40.0	215	0.00349	0.267	0.0764
Total HPAH (U=1/2; max ND)	2A	32	133	75.4	2120	5380	3400	ug/kg	17		17				2000	40.0	247	0.00744	0.942	0.102
Total HPAH (U=1/2; max ND)	2B	2	4	3.00	1820	17000	4860	ug/kg	5		5				160	80.0	120	0.00471	0.0877	0.0578
Total HPAH (U=1/2; max ND)	3A	32	133	115	2140	5120	4530	ug/kg	15		15				50.0	50.0	50.0	0.00976	0.0234	0.0125
Total HPAH (U=1/2; max ND)	3B	32	133	74.9	2110	5610	3290	ug/kg	25		25				4600	50.0	1010	0.00976	2.18	0.299
Total HPAH (U=1/2; max ND)	4A	264	264	264	3590	3590	3590	ug/kg	12		12				50.0	50.0	50.0	0.0139	0.0139	0.0139
Total HPAH (U=1/2; max ND)	4B	264	264	264	3590	3590	3590	ug/kg	45		45				4600	40.0	341	0.0111	1.28	0.0949
Total HPAH (U=1/2; max ND)	I 1A	1	1	1.00	180	66900	23400	ug/kg	9	5	4	3400	3370	3380	2000	200	2170	0.00299	11.1	3.13
Total HPAH (U=1/2; max ND)	I 1B	1	3	2.00	955	4610	2000	ug/kg	5	4	1	3400	3360	3380	2000	2000	3100	0.728	3.08	1.99
Total HPAH (U=1/2; max ND)	I 2A	47	47	47.0	2120	2120	2120	ug/kg	12		12				4000	40.0	493	0.0189	1.89	0.233
Total HPAH (U=1/2; max ND)	I 2B	69	116	84.3	2110	5730	3010	ug/kg	8		8				2000	40.0	285	0.00698	0.947	0.132
Total LPAH (U=1/2; max ND)	1	12	55	26.5	912	48200	5730	ug/kg	77	11	66	650	165	295	1000	40.0	244	0.00166	0.472	0.139
Total LPAH (U=1/2; max ND)	2A	32	136	76.6	1250	8400	4330	ug/kg	17	6	11	670	165	439	2000	40.0	364	0.0152	1.60	0.176
Total LPAH (U=1/2; max ND)	2B	2	4	3.00	728	6920	2120	ug/kg	5	2	3	494	491	493	160	80.0	269	0.0116	0.674	0.281
Total LPAH (U=1/2; max ND)	3A	32	136	118	1450	7910	6660	ug/kg	15	7	8	276	201	256	50.0	50.0	146	0.00632	0.156	0.0299
Total LPAH (U=1/2; max ND)	3B	32	136	76.0	1210	8930	4040	ug/kg	25	3	22	215	200	205	4600	50.0	1030	0.00632	3.79	0.398
Total LPAH (U=1/2; max ND)	4A	267	267	267	4700	4700	4700	ug/kg	12	1	11	201	201	201	50.0	50.0	62.6	0.0106	0.0428	0.0133
Total LPAH (U=1/2; max ND)	4B	267	267	267	4700	4700	4700	ug/kg	45		45				4600	40.0	341	0.00852	0.980	0.0726

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Summary of Calcasieu Estuary database sediment and tissue results used in BSAF calculations

		Sediment Sample Summary							Tissue Sample Summary									BSAF Summary		
Chemical	Prey Group	Minimum Number Samples	Maximum Number Samples	Average Number of Samples	Minimum Sediment Result	Maximum Sediment Result	Average Sediment Result	Units	Number of Samples	Number of Detects	Number of Non-detects	Maximum Detect	Minimum Detect	Average Detect	Minimum Non-detect	Maximum Non-detect	Average*	Minimum	Maximum	Average
Total LPAH (U=1/2; max ND)	I 1A	1	1	1.00	180	4630	2480	ug/kg	9	6	3	2350	772	2090	2000	200	1660	0.0432	11.1	2.62
Total LPAH (U=1/2; max ND)	I 1B	1	3	2.00	955	1590	1170	ug/kg	5	4	1	2360	2350	2360	2000	2000	2280	1.48	2.35	2.01
Total LPAH (U=1/2; max ND)	I 2A	47	47	47.0	1290	1290	1290	ug/kg	12		12				400	40.0	133	0.0311	0.311	0.104
Total LPAH (U=1/2; max ND)	I 2B	71	117	86.0	1210	9570	3350	ug/kg	8		8				2000	40.0	285	0.00418	1.65	0.224
Total PAH (U=1/2; max ND)	1	12	55	26.5	2330	113000	13300	ug/kg	77	11	66	1450	365	626	1000	40.0	294	0.000709	0.335	0.0691
Total PAH (U=1/2; max ND)	2A	32	136	76.6	3000	19500	9460	ug/kg	17	6	11	1470	365	853	2000	40.0	510	0.00655	0.667	0.108
Total PAH (U=1/2; max ND)	2B	2	4	3.00	3120	26900	7920	ug/kg	5	2	3	1090	1090	1090	160	80.0	509	0.00297	0.350	0.154
Total PAH (U=1/2; max ND)	3A	32	136	118	2870	18300	15300	ug/kg	15	7	8	526	375	485	50.0	50.0	253	0.00273	0.158	0.0243
Total PAH (U=1/2; max ND)	3B	32	136	76.0	2870	20600	8920	ug/kg	25	3	22	465	450	455	4600	50.0	1060	0.00273	1.55	0.179
Total PAH (U=1/2; max ND)	4A	267	267	267	10700	10700	10700	ug/kg	12	1	11	451	451	451	50.0	50.0	83.4	0.00465	0.0420	0.00776
Total PAH (U=1/2; max ND)	4B	267	267	267	10700	10700	10700	ug/kg	45		45				4600	40.0	341	0.00372	0.428	0.0317
Total PAH (U=1/2; max ND)	I 1A	1	1	1.00	180	71500	25700	ug/kg	9	6	3	5760	1170	4980	2000	200	3580	0.00280	11.1	4.31
Total PAH (U=1/2; max ND)	I 1B	1	3	2.00	955	8610	3250	ug/kg	5	4	1	5760	5710	5740	2000	2000	4990	0.663	5.22	2.42
Total PAH (U=1/2; max ND)	I 2A	47	47	47.0	2850	2850	2850	ug/kg	12		12				4000	40.0	493	0.0140	1.40	0.173
Total PAH (U=1/2; max ND)	I 2B	71	117	86.0	2920	21900	7530	ug/kg	8		8				2000	40.0	285	0.00183	0.670	0.0928
Total PCB Cong-209 (U=0, max RL)	1	1	14	6.83	13200	3510000	1740000	ng/kg	18	27		76.5	15.9	34.2			38.0	0.00000452	0.00581	0.00118
Total PCB Cong-209 (U=0, max RL)	1	2	3	2.67	538	801	626	ug/kg	9	27		76.5	15.9	34.2			26.5	0.0199	0.0619	0.0451
Total PCB Cong-209 (U=0, max RL)	2A	2	25	19.3	62000	1370000	1050000	ng/kg	4	7		79.3	63.4	70.6			71.7	0.0000461	0.00128	0.000358
Total PCB Cong-209 (U=0, max RL)	2A	3	3	3.00	538	538	538	ug/kg	3	7		79.3	63.4	70.6			69.2	0.118	0.147	0.129
Total PCB Cong-209 (U=0, max RL)	2B	1	1	1.00	79700	111000	95200	ng/kg	2	2		97.7	42.4	70.1			70.1	0.000532	0.000882	0.000707
Total PCB Cong-209 (U=0, max RL)	3A	25	25	25.0	1370000	1370000	1370000	ng/kg	3	6		299	68.3	221			221	0.0000497	0.000218	0.000161
Total PCB Cong-209 (U=0, max RL)	3A	3	3	3.00	538	538	538	ug/kg	3	6		299	68.3	221			221	0.127	0.555	0.411
Total PCB Cong-209 (U=0, max RL)	3B	2	25	15.8	49900	1370000	788000	ng/kg	6	9		103	28.0	55.7			59.6	0.0000319	0.00167	0.000582
Total PCB Cong-209 (U=0, max RL)	3B	3	3	3.00	538	538	538	ug/kg	3	9		103	28.0	55.7			47.8	0.0816	0.0938	0.0889
Total PCB Cong-209 (U=0, max RL)	4A	34	34	34.0	1060000	1060000	1060000	ng/kg	3	6		246	64.6	185			185	0.0000608	0.000231	0.000174
Total PCB Cong-209 (U=0, max RL)	4A	3	3	3.00	538	538	538	ug/kg	3	6		246	64.6	185			185	0.120	0.457	0.343
Total PCB Cong-209 (U=0, max RL)	4B	34	34	34.0	1060000	1060000	1060000	ng/kg	10	20		100	6.31	45.8			45.8	0.00000594	0.0000944	0.0000431
Total PCB Cong-209 (U=0, max RL)	4B	3	3	3.00	538	538	538	ug/kg	10	20		100	6.31	45.8			45.8	0.0117	0.186	0.0851
Total PCB Cong-209 (U=0, max RL)	I 1A	1	1	1.00	114000	155000	135000	ng/kg	2	2		69.6	35.2	52.4			52.4	0.000227	0.000609	0.000418
Total PCB Cong-209 (U=0, max RL)	I 1B	1	4	2.50	278000	5230000	2750000	ng/kg	2	3		128	53.0	91.7			111	0.0000180	0.000460	0.000239
Total PCB Cong-209 (U=0, max RL)	I 1B	1	1	1.00	642	642	642	ug/kg	1	3		128	53.0	91.7			53.0	0.0826	0.0826	0.0826
Total PCB Cong-209 (U=0, max RL)	I 2A	3	3	3.00	132000	132000	132000	ng/kg	2	2		22.0	18.5	20.3			20.3	0.000140	0.000167	0.000153
Total PCB Cong-209 (U=0, max RL)	I 2B	16	19	17.0	463000	561000	496000	ng/kg	3	3		105	82.4	91.5			91.5	0.000147	0.000227	0.000187
Total PCB Congs (U=1/2; max ND)	1	1	5	3.00	13200	545000	242000	ng/kg	18	18		76500	16000	38100			38100	0.0293	5.80	1.25
Total PCB Congs (U=1/2; max ND)	2A	2	10	8.00	62000	219000	180000	ng/kg	4	4		79300	63400	71700			71700	0.289	1.28	0.557
Total PCB Congs (U=1/2; max ND)	2B	1	1	1.00	79700	111000	95300	ng/kg	2	2		97800	42500	70100			70100	0.532	0.883	0.708
Total PCB Congs (U=1/2; max ND)	3A	10	10	10.00	219000	219000	219000	ng/kg	3	3		299000	68400	221000			221000	0.312	1.36	1.01
Total PCB Congs (U=1/2; max ND)	3B	2	10	6.33	49900	219000	148000	ng/kg	6	6		103000	28100	59600			59600	0.200	1.67	0.703
Total PCB Congs (U=1/2; max ND)	4A	17	17	17.0	176000	176000	176000	ng/kg	3	3		246000	64600	185000			185000	0.367	1.40	1.05
Total PCB Congs (U=1/2; max ND)	4B	17	17	17.0	176000	176000	176000	ng/kg	10	10		100000	6350	45800			45800	0.0361	0.570	0.261
Total PCB Congs (U=1/2; max ND)	I 1A	1	1	1.00	114000	155000	135000	ng/kg	2	2		69600	35200	52400			52400	0.227	0.609	0.418
Total PCB Congs (U=1/2; max ND)	I 1B	1	1	1.00	33400	642000	256000	ng/kg	3	3		94100	9220	52100			52100	0.0826	2.82	0.999
Total PCB Congs (U=1/2; max ND)	I 2A	3	3	3.00	132000	132000	132000	ng/kg	2	2		22100	18500	20300			20300	0.140	0.167	0.154
Total PCB Congs (U=1/2; max ND)	I 2B	4	5	4.33	92900	100000	97600	ng/kg	3	3		105000	82400	91600			91600	0.871	1.05	0.937
Total PCBs (U=0, max RL)	1	11	35	21.2	107	2790	846	ug/kg	78	68	10	820	12.0	160	5.00	5.00	140	0.0120	1.73	0.399
Total PCBs (U=0, max RL)	2A	33	88	56.5	170	1340	820	ug/kg	18	10	8	80.0	44.0	62.0	50.0	5.00	39.2	0.00372	0.380	0.101
Total PCBs (U=0, max RL)	2B	2	3	2.83	148	356	200	ug/kg	6	6		290	65.0	176			176	0.441	1.33	0.877
Total PCBs (U=0, max RL)	3A	33	88	78.3	147	1340	313	ug/kg	16	16		3900	173	901			901	0.227	22.8	5.03
Total PCBs (U=0, max RL)	3B	33	88	56.8	142	1340	635	ug/kg	27	18	9	500	43.0	170	115	5.00	136	0.00386	3.40	0.616
Total PCBs (U=0, max RL)	4A	212	212	212	342	342	342	ug/kg	11	11		4300	610	1920			1920	1.78	12.6	5.61
Total PCBs (U=0, max RL)	4B	212	212	212	342	342	342	ug/kg	45	18	27	910	12.0	147	115	5.00	75.2	0.0146	2.66	0.220
Total PCBs (U=0, max RL)	I 1A	1	1	1.00	13.0	200	63.4	ug/kg	9	6	3	105	18.0	52.7	50.0	5.00	41.8	0.150	8.08	2.20
Total PCBs (U=0, max RL)	I 1B	1	3	2.00	47.0	278	156	ug/kg	5	4	1	69.0	37.0	56.3	50.0	50.0	55.0	0.180	0.787	0.470
Total PCBs (U=0, max RL)	I 2A	47	47	47.0	227	227	227	ug/kg	13	10	3	82.0	20.0	32.7	50.0	5.00	33.2	0.0221	0.362	0.147
Total PCBs (U=0, max RL)	I 2B	43	87	57.4	143	191	155	ug/kg	8	7	1	330	13.0	158	50.0	50.0	145	0.0681	2.31	0.975
Total PCBs (U=1/2; max ND)	1	11	35	21.2	297	3000	1080	ug/kg	78	68	10	919	12.0	198	10.00	10.00	174	0.0115	0.807	0.226
Total PCBs (U=1/2; max ND)	2A	33	88	56.5	397	1600	1060	ug/kg	18	10	8	110	74.0	92.0	100.0	10.00	60.6	0.00626	0.239	0.0800
Total PCBs (U=1/2; max ND)	2B	2	3	2.83	295	712	406	ug/kg	6	6		315	90.0	201			201	0.305	0.712	0.498
Total PCBs (U=1/2; max ND)	3A	33	88	78.3	331	1600	538	ug/kg	16	16		3930	198	996			996	0.209	9.89	2.42
Total PCBs (U=1/2; max ND)	3B	33	88	56.8	331	1600	865	ug/kg	27	18	9	500	68.0	207	230	10.00	184	0.00654	1.51	0.383
Total PCBs (U=1/2; max ND)	4A	212	212	212	572	572	572	ug/kg	11	11		4330	640	1980			1980	1.12	7.56	3.47
Total PCBs (U=1/2; max ND)	4B	212	212	212	572	572	572	ug/kg	45	18	27	935	42.0	178	230	10.00	104	0.0175	1.63	0.182
Total PCBs (U=1/2; max ND)	I 1A	1	1	1.00	30.0	523	222	ug/kg	9	6	3	230	84.0	166	100.0	10.00	124	0.297	2.80	0.855
Total PCBs (U=1/2; max ND)	I 1B	1	3	2.00	210	555	362	ug/kg	5	4	1	194	162	181	100.0	100.0	165	0.180	0.924	0.543
Total PCBs (U=1/2; max ND)	I 2A	47	47	47.0	501	501	501	ug/kg	13	10	3	382	50.0	89.7	100.0	10.00	85.2	0.0200	0.763	0.170
Total PCBs (U=1/2; max ND)	I 2B	43	87	57.4	333	433	376	ug/kg	8	7	1	360	43.0	188	100.0	100.0	177	0.0995	1.08	0.494
Zinc	1	12	51	25.9	96.5	276	158	mg/kg	78	78		188	19.0	35.6			35.6	0.111	0.680	0.236
Zinc	2A	32	132	75.5	125	180	140	mg/kg	18	18	0	37.8	18.9	24.0			24.0	0.132	0.210	0.171
Zinc	2B	2	4	3.17	78.5	197	125	mg/kg	6	6		24.1	15.5	18.7			18.7	0.0880	0.273	0.174
Zinc	3A	32	132	116	91.2	144	129	mg/kg	16	16		22.2	9.10	18.0			18.0	0.0691	0.169	0.140
Zinc	3B	32	132	75.8	91.2	165	130	mg/kg	27	26	1	20.1	8.90	14.9	7.02	7.02	14.6	0.0562	0.204	0.115
Zinc	4A	262	262	262	150	150	150	mg/kg	12	12		23.5	7.30	16.3			16.3	0.0485	0.156	0.108
Zinc	4B	262	262	262	150	150	150	mg/kg	45	43	2	46.0	3.10	9.12	8.86	0.0115	8.91	0.0000764	0.306	0.0592
Zinc	I 1A	1	1	1.00	20.3	329	152	mg/kg	9	4	5	8.50	4.40	6.05	4.85	3.25	4.92	0.0134	0.239	0.0822
Zinc	I 1B	1	3	2.00	61.3	335	187	mg/kg	5	1	4	6.80	6.80	6.80	10.00	9.00	8.86	0.0269	0.163	0.0668
Zinc	I 2A	47	47	47.0	222	222	222	mg/kg	13	13		14.8	10.00	12.0			12.0	0.0451	0.0667	0.0540
Zinc	I 2B	69	113	83.5	91.2	165	115	mg/kg	8	8		36.2	22.2	30.7			30.7	0.135	0.397	0.286

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* Average includes non-detects at 1/2 detection limit

Calcasieu Estuary database records used in BSAF calculations

						Sediment Samples						Tissue Sample				
Location	**Sample ID**	**Species**	**Specimen Type**	**Chemical**	**Prey Group**	**N**	**Detects**	**Non-detects**	**Average**	**Units**	**Result**	**Units**	**Detect**	**Whole Body**	**BSAF**
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	4	3	1	214	ng/kg	0.231	ng/kg	N	Y	0.001079439
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	4	3	1	214	ng/kg	0.2875	ng/kg	N	Y	0.001343458
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	4	3	1	214	ng/kg	0.1945	ng/kg	N	Y	0.000908879
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	3	3	0	227.0666667	ng/kg	0.319	ng/kg	N	Y	0.001404874
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	3	3	0	227.0666667	ng/kg	0.4165	ng/kg	N	Y	0.001834263
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	3	3	0	227.0666667	ng/kg	0.555	ng/kg	N	Y	0.002444216
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	12	12	0	583.175	ng/kg	0.2455	ng/kg	N	Y	0.000420971
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	12	12	0	583.175	ng/kg	0.264	ng/kg	N	Y	0.000452694
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	12	12	0	583.175	ng/kg	0.228	ng/kg	N	Y	0.000390963
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	17	17	0	271.6647059	ng/kg	0.184	ng/kg	N	Y	0.000677306
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	17	17	0	271.6647059	ng/kg	0.227	ng/kg	N	Y	0.000835589
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	17	17	0	271.6647059	ng/kg	0.283	ng/kg	N	Y	0.001041725
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	16	16	0	482.55	ng/kg	0.485	ng/kg	N	Y	0.001005077
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	16	16	0	482.55	ng/kg	1.13	ng/kg	Y	Y	0.002341726
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	16	16	0	482.55	ng/kg	0.347	ng/kg	N	Y	0.000719096
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	15	15	0	602.8466667	ng/kg	0.4805	ng/kg	N	Y	0.000797052
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	15	15	0	602.8466667	ng/kg	1.38	ng/kg	Y	Y	0.002289139
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDD	1	15	15	0	602.8466667	ng/kg	1.49	ng/kg	Y	Y	0.002471607
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	4	4	0	484.5	ng/kg	0.0793	ng/kg	Y	Y	0.000163674
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	4	4	0	484.5	ng/kg	0.615	ng/kg	N	Y	0.00126935
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	4	4	0	484.5	ng/kg	0.0998	ng/kg	Y	Y	0.000205986
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	3	3	0	147.9333333	ng/kg	4.02	ng/kg	Y	Y	0.027174403
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	3	3	0	147.9333333	ng/kg	0.411	ng/kg	N	Y	0.002778279
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	3	3	0	147.9333333	ng/kg	2.08	ng/kg	Y	Y	0.014060388
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	12	12	0	8358.446667	ng/kg	1.24	ng/kg	Y	Y	0.000148353
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	12	12	0	8358.446667	ng/kg	3.35	ng/kg	Y	Y	0.000400792
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	12	12	0	8358.446667	ng/kg	1.38	ng/kg	Y	Y	0.000165102
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	17	17	0	3841.54	ng/kg	0.723	ng/kg	Y	Y	0.000188206
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	17	17	0	3841.54	ng/kg	1.67	ng/kg	Y	Y	0.000434721
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	17	17	0	3841.54	ng/kg	1.29	ng/kg	Y	Y	0.000335803
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	16	16	0	7385.0225	ng/kg	3.02	ng/kg	Y	Y	0.000408936
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	16	16	0	7385.0225	ng/kg	5.83	ng/kg	Y	Y	0.000789436
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	16	16	0	7385.0225	ng/kg	5.31	ng/kg	Y	Y	0.000719023
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	15	15	0	8343.533333	ng/kg	9.04	ng/kg	Y	Y	0.001083474
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	15	15	0	8343.533333	ng/kg	9.51	ng/kg	Y	Y	0.001139805
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,4,6,7,8-HpCDF	1	15	15	0	8343.533333	ng/kg	2.43	ng/kg	Y	Y	0.000291244
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	4	3	1	17.5425	ng/kg	0.02385	ng/kg	N	Y	0.001359555
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	4	3	1	17.5425	ng/kg	0.119	ng/kg	N	Y	0.006783526
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	4	3	1	17.5425	ng/kg	0.01945	ng/kg	N	Y	0.001108736
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	3	3	0	18.31666667	ng/kg	0.0361	ng/kg	N	Y	0.001970883
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	3	3	0	18.31666667	ng/kg	0.0229	ng/kg	N	Y	0.001250227
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	3	3	0	18.31666667	ng/kg	0.0685	ng/kg	N	Y	0.003739763
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	12	12	0	2080.855833	ng/kg	0.0795	ng/kg	N	Y	3.82054E-05
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	12	12	0	2080.855833	ng/kg	0.907	ng/kg	Y	Y	0.000435878
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	12	12	0	2080.855833	ng/kg	0.0845	ng/kg	N	Y	4.06083E-05
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	17	17	0	824.5535294	ng/kg	0.056	ng/kg	N	Y	6.79155E-05
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	17	17	0	824.5535294	ng/kg	0.134	ng/kg	N	Y	0.000162512
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	17	17	0	824.5535294	ng/kg	0.1905	ng/kg	N	Y	0.000231034
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	16	16	0	1812.954375	ng/kg	0.646	ng/kg	Y	Y	0.000356324
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	16	16	0	1812.954375	ng/kg	0.19	ng/kg	N	Y	0.000104801
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	16	16	0	1812.954375	ng/kg	0.198	ng/kg	N	Y	0.000109214
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	15	15	0	2016.666667	ng/kg	0.2725	ng/kg	N	Y	0.000135124
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	15	15	0	2016.666667	ng/kg	1.06	ng/kg	Y	Y	0.00052562

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,4,7,8,9-HpCDF	1	15	15	0	2016.666667	ng/kg	0.768	ng/kg	Y	Y	0.000380826
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	4	1	3	5.44	ng/kg	0.0373	ng/kg	N	Y	0.006856618
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	4	1	3	5.44	ng/kg	0.082	ng/kg	N	Y	0.015073529
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	4	1	3	5.44	ng/kg	0.066	ng/kg	N	Y	0.012132353
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	3	0	3	1.266833333	ng/kg	0.0421	ng/kg	N	Y	0.033232469
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	3	0	3	1.266833333	ng/kg	0.0468	ng/kg	N	Y	0.036942508
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	3	0	3	1.266833333	ng/kg	0.152	ng/kg	Y	Y	0.119984213
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	12	9	3	34.2925	ng/kg	0.0765	ng/kg	N	Y	0.002230808
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	12	9	3	34.2925	ng/kg	0.0765	ng/kg	N	Y	0.002230808
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	12	9	3	34.2925	ng/kg	0.0625	ng/kg	N	Y	0.001822556
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	17	14	3	15.95382353	ng/kg	0.055	ng/kg	N	Y	0.003447449
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	17	14	3	15.95382353	ng/kg	0.084	ng/kg	N	Y	0.005265196
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	17	14	3	15.95382353	ng/kg	0.089	ng/kg	N	Y	0.0055786
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	16	13	3	29.590625	ng/kg	0.086	ng/kg	N	Y	0.002906326
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	16	13	3	29.590625	ng/kg	0.1705	ng/kg	N	Y	0.00576196
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	16	13	3	29.590625	ng/kg	0.099	ng/kg	N	Y	0.003345654
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	15	12	3	38.60066667	ng/kg	0.1055	ng/kg	N	Y	0.002733113
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	15	12	3	38.60066667	ng/kg	0.1485	ng/kg	N	Y	0.003847084
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDD	1	15	12	3	38.60066667	ng/kg	0.0885	ng/kg	N	Y	0.002292707
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	4	3	1	27.7	ng/kg	0.066	ng/kg	N	Y	0.002382671
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	4	3	1	27.7	ng/kg	0.1005	ng/kg	N	Y	0.003628159
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	4	3	1	27.7	ng/kg	0.0478	ng/kg	N	Y	0.001725632
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	3	3	0	32.38	ng/kg	0.095	ng/kg	N	Y	0.00293391
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	3	3	0	32.38	ng/kg	0.0795	ng/kg	N	Y	0.002455219
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	3	3	0	32.38	ng/kg	0.17	ng/kg	N	Y	0.005250154
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	12	12	0	3214.5175	ng/kg	1.9	ng/kg	Y	Y	0.000591068
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	12	12	0	3214.5175	ng/kg	2.95	ng/kg	Y	Y	0.000917712
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	12	12	0	3214.5175	ng/kg	1.24	ng/kg	Y	Y	0.00038575
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	17	16	1	1234.495588	ng/kg	0.829	ng/kg	Y	Y	0.000671529
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	17	16	1	1234.495588	ng/kg	0.925	ng/kg	Y	Y	0.000749294
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	17	16	1	1234.495588	ng/kg	0.798	ng/kg	Y	Y	0.000646418
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	16	16	0	2795.013125	ng/kg	3.28	ng/kg	Y	Y	0.001173519
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	16	16	0	2795.013125	ng/kg	4.85	ng/kg	Y	Y	0.001735233
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	16	16	0	2795.013125	ng/kg	3.14	ng/kg	Y	Y	0.001123429
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	15	15	0	3161.866667	ng/kg	5.53	ng/kg	Y	Y	0.001748967
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	15	15	0	3161.866667	ng/kg	7.23	ng/kg	Y	Y	0.002286624
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,4,7,8-HxCDF	1	15	15	0	3161.866667	ng/kg	4.8	ng/kg	Y	Y	0.001518091
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	4	3	1	14.2	ng/kg	0.195	ng/kg	Y	Y	0.013732394
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	4	3	1	14.2	ng/kg	0.095	ng/kg	N	Y	0.006690141
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	4	3	1	14.2	ng/kg	0.0795	ng/kg	N	Y	0.005598592
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	3	3	0	11.03666667	ng/kg	0.178	ng/kg	Y	Y	0.016128058
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	3	3	0	11.03666667	ng/kg	0.165	ng/kg	Y	Y	0.014950166
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	3	3	0	11.03666667	ng/kg	0.342	ng/kg	Y	Y	0.030987617
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	12	12	0	48.66416667	ng/kg	0.086	ng/kg	N	Y	0.001767214
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	12	12	0	48.66416667	ng/kg	0.0905	ng/kg	N	Y	0.001859685
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	12	12	0	48.66416667	ng/kg	0.078	ng/kg	N	Y	0.001602822
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	17	14	3	18.12352941	ng/kg	0.0655	ng/kg	N	Y	0.003614086
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	17	14	3	18.12352941	ng/kg	0.108	ng/kg	N	Y	0.005959104
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	17	14	3	18.12352941	ng/kg	0.1005	ng/kg	N	Y	0.005545278
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	16	15	1	40.35875	ng/kg	0.1045	ng/kg	N	Y	0.002589277
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	16	15	1	40.35875	ng/kg	0.206	ng/kg	N	Y	0.005104222
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	16	15	1	40.35875	ng/kg	0.1265	ng/kg	N	Y	0.003134388
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	15	14	1	48.19066667	ng/kg	0.1345	ng/kg	N	Y	0.002790997
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	15	14	1	48.19066667	ng/kg	0.174	ng/kg	N	Y	0.003610658

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDD	1	15	14	1	48.19066667	ng/kg	0.112	ng/kg	N	Y	0.002324101
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	4	3	1	10.775	ng/kg	0.114	ng/kg	Y	Y	0.010580046
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	4	3	1	10.775	ng/kg	0.105	ng/kg	N	Y	0.00974478
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	4	3	1	10.775	ng/kg	0.131	ng/kg	Y	Y	0.012157773
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	3	3	0	11.83666667	ng/kg	0.956	ng/kg	Y	Y	0.080765981
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	3	3	0	11.83666667	ng/kg	0.0735	ng/kg	N	Y	0.006209518
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	3	3	0	11.83666667	ng/kg	0.21	ng/kg	N	Y	0.017741481
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	12	12	0	942.0016667	ng/kg	4.35	ng/kg	Y	Y	0.004617826
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	12	12	0	942.0016667	ng/kg	4.92	ng/kg	Y	Y	0.005222921
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	12	12	0	942.0016667	ng/kg	3.63	ng/kg	Y	Y	0.003853496
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	17	16	1	403.3455882	ng/kg	2.97	ng/kg	Y	Y	0.007363413
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	17	16	1	403.3455882	ng/kg	9.09	ng/kg	Y	Y	0.022536505
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	17	16	1	403.3455882	ng/kg	9.12	ng/kg	Y	Y	0.022610883
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	16	16	0	830.21375	ng/kg	5.76	ng/kg	Y	Y	0.006937972
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	16	16	0	830.21375	ng/kg	23.9	ng/kg	Y	Y	0.028787767
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	16	16	0	830.21375	ng/kg	17.5	ng/kg	Y	Y	0.021078909
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	15	15	0	913.16	ng/kg	23.9	ng/kg	Y	Y	0.02617285
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	15	15	0	913.16	ng/kg	27.6	ng/kg	Y	Y	0.030224714
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,6,7,8-HxCDF	1	15	15	0	913.16	ng/kg	7.41	ng/kg	Y	Y	0.008114679
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	4	3	1	10.435	ng/kg	0.03835	ng/kg	N	Y	0.003675132
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	4	3	1	10.435	ng/kg	0.0815	ng/kg	N	Y	0.007810254
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	4	3	1	10.435	ng/kg	0.067	ng/kg	N	Y	0.0064207
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	3	3	0	7.343333333	ng/kg	0.04295	ng/kg	N	Y	0.005848842
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	3	3	0	7.343333333	ng/kg	0.0479	ng/kg	N	Y	0.006522923
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	3	3	0	7.343333333	ng/kg	0.162	ng/kg	Y	Y	0.022060826
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	12	9	3	21.90166667	ng/kg	0.075	ng/kg	N	Y	0.003424397
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	12	9	3	21.90166667	ng/kg	0.077	ng/kg	N	Y	0.003515714
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	12	9	3	21.90166667	ng/kg	0.0645	ng/kg	N	Y	0.002944981
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	17	14	3	12.57208824	ng/kg	0.0555	ng/kg	N	Y	0.004414541
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	17	14	3	12.57208824	ng/kg	0.088	ng/kg	N	Y	0.006999633
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	17	14	3	12.57208824	ng/kg	0.087	ng/kg	N	Y	0.006920091
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	16	13	3	19.150625	ng/kg	0.0875	ng/kg	N	Y	0.004569041
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	16	13	3	19.150625	ng/kg	0.173	ng/kg	N	Y	0.009033648
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	16	13	3	19.150625	ng/kg	0.1035	ng/kg	N	Y	0.005404523
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	15	12	3	25.51266667	ng/kg	0.11	ng/kg	N	Y	0.004311584
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	15	12	3	25.51266667	ng/kg	0.149	ng/kg	N	Y	0.005840236
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDD	1	15	12	3	25.51266667	ng/kg	0.092	ng/kg	N	Y	0.003606052
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	4	1	3	2.4775	ng/kg	0.01275	ng/kg	N	Y	0.005146317
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	4	1	3	2.4775	ng/kg	0.0484	ng/kg	N	Y	0.019535822
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	4	1	3	2.4775	ng/kg	0.0264	ng/kg	N	Y	0.010655903
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	3	0	3	0.681666667	ng/kg	0.0385	ng/kg	N	Y	0.056479218
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	3	0	3	0.681666667	ng/kg	0.0282	ng/kg	N	Y	0.041369193
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	3	0	3	0.681666667	ng/kg	0.0635	ng/kg	N	Y	0.093154034
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	12	10	2	346.6045833	ng/kg	0.0635	ng/kg	N	Y	0.000183206
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	12	10	2	346.6045833	ng/kg	0.244	ng/kg	Y	Y	0.000703972
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	12	10	2	346.6045833	ng/kg	0.101	ng/kg	Y	Y	0.000291398
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	17	13	4	124.7994706	ng/kg	0.05	ng/kg	N	Y	0.000400643
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	17	13	4	124.7994706	ng/kg	0.063	ng/kg	N	Y	0.00050481
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	17	13	4	124.7994706	ng/kg	2.36	ng/kg	N	Y	0.018910337
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	16	14	2	302.150625	ng/kg	0.259	ng/kg	Y	Y	0.000857188
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	16	14	2	302.150625	ng/kg	0.37	ng/kg	Y	Y	0.001224555
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	16	14	2	302.150625	ng/kg	0.0755	ng/kg	N	Y	0.000249875
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	15	14	1	324.2236667	ng/kg	0.321	ng/kg	Y	Y	0.000990057
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	15	14	1	324.2236667	ng/kg	0.505	ng/kg	Y	Y	0.001557567

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,7,8,9-HxCDF	1	15	14	1	324.2236667	ng/kg	0.319	ng/kg	Y	Y	0.000983889
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	4	1	3	5.905	ng/kg	0.157	ng/kg	Y	Y	0.026587638
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	4	1	3	5.905	ng/kg	0.185	ng/kg	Y	Y	0.031329382
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	4	1	3	5.905	ng/kg	0.0865	ng/kg	N	Y	0.014648603
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	3	0	3	1.176166667	ng/kg	0.0792	ng/kg	Y	Y	0.067337395
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	3	0	3	1.176166667	ng/kg	0.144	ng/kg	Y	Y	0.122431628
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	3	0	3	1.176166667	ng/kg	0.246	ng/kg	Y	Y	0.209154031
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	12	9	3	31.984	ng/kg	0.242	ng/kg	Y	Y	0.007566283
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	12	9	3	31.984	ng/kg	0.262	ng/kg	Y	Y	0.008191596
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	12	9	3	31.984	ng/kg	0.165	ng/kg	Y	Y	0.005158829
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	17	11	6	11.36555882	ng/kg	0.302	ng/kg	Y	Y	0.026571505
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	17	11	6	11.36555882	ng/kg	0.354	ng/kg	Y	Y	0.031146731
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	17	11	6	11.36555882	ng/kg	0.281	ng/kg	Y	Y	0.024723817
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	16	12	4	27.432375	ng/kg	0.313	ng/kg	Y	Y	0.011409876
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	16	12	4	27.432375	ng/kg	0.405	ng/kg	Y	Y	0.014763578
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	16	12	4	27.432375	ng/kg	0.304	ng/kg	Y	Y	0.011081797
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	15	11	4	31.91333333	ng/kg	0.371	ng/kg	Y	Y	0.011625235
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	15	11	4	31.91333333	ng/kg	0.425	ng/kg	Y	Y	0.013317318
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,7,8-PeCDD	1	15	11	4	31.91333333	ng/kg	0.448	ng/kg	Y	Y	0.01403802
BIST004	UB041F0401	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	4	3	1	12.465	ng/kg	0.161	ng/kg	Y	Y	0.012916165
BIST004	UB041F0402	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	4	3	1	12.465	ng/kg	0.0945	ng/kg	N	Y	0.007581227
BIST004	UB041F0404	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	4	3	1	12.465	ng/kg	0.134	ng/kg	Y	Y	0.0107501
BIST005	UB051F0508	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	3	3	0	9.336666667	ng/kg	0.0945	ng/kg	N	Y	0.010121385
BIST005	UB051F0510	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	3	3	0	9.336666667	ng/kg	0.099	ng/kg	N	Y	0.010603356
BIST005	UB051F0518	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	3	3	0	9.336666667	ng/kg	0.2065	ng/kg	N	Y	0.022117101
BIST011	LB011F1101	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	12	12	0	698.1258333	ng/kg	3.04	ng/kg	Y	Y	0.004354516
BIST011	LB011F1103	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	12	12	0	698.1258333	ng/kg	2.81	ng/kg	Y	Y	0.004025062
BIST011	LB011F1105	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	12	12	0	698.1258333	ng/kg	2.21	ng/kg	Y	Y	0.003165618
BIST019	LB061F1901	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	17	16	1	258.0928824	ng/kg	1.59	ng/kg	Y	Y	0.006160573
BIST019	LB061F1902	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	17	16	1	258.0928824	ng/kg	1.81	ng/kg	Y	Y	0.007012979
BIST019	LB061F1903	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	17	16	1	258.0928824	ng/kg	1.55	ng/kg	Y	Y	0.00600559
BIST027	PPGC1F2705	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	16	16	0	599.069375	ng/kg	4.24	ng/kg	Y	Y	0.007077644
BIST027	PPGC1F2706	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	16	16	0	599.069375	ng/kg	5.5	ng/kg	Y	Y	0.009180907
BIST027	PPGC1F2712	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	16	16	0	599.069375	ng/kg	4.54	ng/kg	Y	Y	0.007578421
BIST029	PPGC1F2903	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	15	15	0	679.8733333	ng/kg	4.99	ng/kg	Y	Y	0.007339602
BIST029	PPGC1F2904	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	15	15	0	679.8733333	ng/kg	5.58	ng/kg	Y	Y	0.008207411
BIST029	PPGC1F2905	Gulf killifish	Whole Body	1,2,3,7,8-PeCDF	1	15	15	0	679.8733333	ng/kg	6.38	ng/kg	Y	Y	0.009384101
BIST004	UB041F0401	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	4	1	3	3.4475	ng/kg	0.0479	ng/kg	Y	Y	0.013894126
BIST004	UB041F0402	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	4	1	3	3.4475	ng/kg	0.034	ng/kg	N	Y	0.009862219
BIST004	UB041F0404	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	4	1	3	3.4475	ng/kg	0.01785	ng/kg	N	Y	0.005177665
BIST005	UB051F0508	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	3	2	1	3.283333333	ng/kg	0.02595	ng/kg	N	Y	0.007903553
BIST005	UB051F0510	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	3	2	1	3.283333333	ng/kg	0.01855	ng/kg	N	Y	0.005649746
BIST005	UB051F0518	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	3	2	1	3.283333333	ng/kg	0.079	ng/kg	N	Y	0.024060914
BIST011	LB011F1101	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	12	11	1	429.2155833	ng/kg	0.217	ng/kg	Y	Y	0.000505573
BIST011	LB011F1103	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	12	11	1	429.2155833	ng/kg	0.387	ng/kg	Y	Y	0.000901645
BIST011	LB011F1105	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	12	11	1	429.2155833	ng/kg	0.192	ng/kg	Y	Y	0.000447328
BIST019	LB061F1901	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	17	14	3	192.9430882	ng/kg	0.188	ng/kg	Y	Y	0.000974381
BIST019	LB061F1902	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	17	14	3	192.9430882	ng/kg	0.211	ng/kg	Y	Y	0.001093587
BIST019	LB061F1903	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	17	14	3	192.9430882	ng/kg	0.203	ng/kg	Y	Y	0.001052124
BIST027	PPGC1F2705	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	16	14	2	386.8179375	ng/kg	0.464	ng/kg	Y	Y	0.001199531
BIST027	PPGC1F2706	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	16	14	2	386.8179375	ng/kg	0.561	ng/kg	Y	Y	0.001450295
BIST027	PPGC1F2712	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	16	14	2	386.8179375	ng/kg	0.298	ng/kg	Y	Y	0.000770388
BIST029	PPGC1F2903	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	15	14	1	420.72	ng/kg	0.335	ng/kg	Y	Y	0.000796254
BIST029	PPGC1F2904	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	15	14	1	420.72	ng/kg	0.736	ng/kg	Y	Y	0.001749382

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST029	PPGC1F2905	Gulf killifish	Whole Body	2,3,4,6,7,8-HxCDF	1	15	14	1	420.72	ng/kg	0.59	ng/kg	Y	Y	0.001402358
BIST004	UB041F0401	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	4	3	1	8.84	ng/kg	0.482	ng/kg	Y	Y	0.054524887
BIST004	UB041F0402	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	4	3	1	8.84	ng/kg	0.2305	ng/kg	N	Y	0.026074661
BIST004	UB041F0404	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	4	3	1	8.84	ng/kg	0.337	ng/kg	Y	Y	0.038122172
BIST005	UB051F0508	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	3	3	0	6.413333333	ng/kg	0.2765	ng/kg	N	Y	0.043113306
BIST005	UB051F0510	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	3	3	0	6.413333333	ng/kg	0.2525	ng/kg	N	Y	0.039371102
BIST005	UB051F0518	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	3	3	0	6.413333333	ng/kg	0.748	ng/kg	Y	Y	0.116632017
BIST011	LB011F1101	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	12	12	0	564.995	ng/kg	5.15	ng/kg	Y	Y	0.009115125
BIST011	LB011F1103	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	12	12	0	564.995	ng/kg	4.99	ng/kg	Y	Y	0.008831937
BIST011	LB011F1105	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	12	12	0	564.995	ng/kg	3.43	ng/kg	Y	Y	0.00607085
BIST019	LB061F1901	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	17	15	2	202.5712941	ng/kg	4.11	ng/kg	Y	Y	0.020289153
BIST019	LB061F1902	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	17	15	2	202.5712941	ng/kg	4.64	ng/kg	Y	Y	0.022905516
BIST019	LB061F1903	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	17	15	2	202.5712941	ng/kg	4.11	ng/kg	Y	Y	0.020289153
BIST027	PPGC1F2705	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	16	16	0	482.9025	ng/kg	8.11	ng/kg	Y	Y	0.01679428
BIST027	PPGC1F2706	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	16	16	0	482.9025	ng/kg	10.5	ng/kg	Y	Y	0.02174352
BIST027	PPGC1F2712	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	16	16	0	482.9025	ng/kg	8.15	ng/kg	Y	Y	0.016877113
BIST029	PPGC1F2903	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	15	15	0	537.5933333	ng/kg	9.67	ng/kg	Y	Y	0.017987574
BIST029	PPGC1F2904	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	15	15	0	537.5933333	ng/kg	11.3	ng/kg	Y	Y	0.021019606
BIST029	PPGC1F2905	Gulf killifish	Whole Body	2,3,4,7,8-PeCDF	1	15	15	0	537.5933333	ng/kg	11.4	ng/kg	Y	Y	0.02120562
BIST004	UB041F0401	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	4	0	4	2.922	ng/kg	0.0939	ng/kg	Y	Y	0.032135524
BIST004	UB041F0402	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	4	0	4	2.922	ng/kg	0.0715	ng/kg	N	Y	0.024469541
BIST004	UB041F0404	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	4	0	4	2.922	ng/kg	0.0224	ng/kg	N	Y	0.007665982
BIST005	UB051F0508	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	3	0	3	0.390666667	ng/kg	0.034	ng/kg	N	Y	0.087030717
BIST005	UB051F0510	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	3	0	3	0.390666667	ng/kg	0.0282	ng/kg	N	Y	0.0721843
BIST005	UB051F0518	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	3	0	3	0.390666667	ng/kg	0.0902	ng/kg	Y	Y	0.230887372
BIST011	LB011F1101	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	12	10	2	11.54191667	ng/kg	0.166	ng/kg	Y	Y	0.01438236
BIST011	LB011F1103	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	12	10	2	11.54191667	ng/kg	0.143	ng/kg	Y	Y	0.012389623
BIST011	LB011F1105	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	12	10	2	11.54191667	ng/kg	0.115	ng/kg	Y	Y	0.009963683
BIST019	LB061F1901	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	17	13	4	4.657029412	ng/kg	0.216	ng/kg	Y	Y	0.046381498
BIST019	LB061F1902	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	17	13	4	4.657029412	ng/kg	0.243	ng/kg	Y	Y	0.052179185
BIST019	LB061F1903	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	17	13	4	4.657029412	ng/kg	0.218	ng/kg	Y	Y	0.046810956
BIST027	PPGC1F2705	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	16	14	2	10.164875	ng/kg	0.233	ng/kg	Y	Y	0.022922072
BIST027	PPGC1F2706	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	16	14	2	10.164875	ng/kg	0.266	ng/kg	Y	Y	0.026168546
BIST027	PPGC1F2712	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	16	14	2	10.164875	ng/kg	0.228	ng/kg	Y	Y	0.022430182
BIST029	PPGC1F2903	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	15	14	1	11.441	ng/kg	0.295	ng/kg	Y	Y	0.025784459
BIST029	PPGC1F2904	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	15	14	1	11.441	ng/kg	0.33	ng/kg	Y	Y	0.028843633
BIST029	PPGC1F2905	Gulf killifish	Whole Body	2,3,7,8-TCDD	1	15	14	1	11.441	ng/kg	0.343	ng/kg	Y	Y	0.029979897
BIST004	UB041F0401	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	4	3	1	10.04	ng/kg	0.907	ng/kg	Y	Y	0.090338645
BIST004	UB041F0402	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	4	3	1	10.04	ng/kg	0.838	ng/kg	Y	Y	0.083466135
BIST004	UB041F0404	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	4	3	1	10.04	ng/kg	0.735	ng/kg	Y	Y	0.073207171
BIST005	UB051F0508	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	3	3	0	11.21666667	ng/kg	1.12	ng/kg	Y	Y	0.099851412
BIST005	UB051F0510	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	3	3	0	11.21666667	ng/kg	1.14	ng/kg	Y	Y	0.101634473
BIST005	UB051F0518	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	3	3	0	11.21666667	ng/kg	1.74	ng/kg	Y	Y	0.1551263
BIST011	LB011F1101	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	12	12	0	398.6659167	ng/kg	5.97	ng/kg	Y	Y	0.014974945
BIST011	LB011F1103	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	12	12	0	398.6659167	ng/kg	5.51	ng/kg	Y	Y	0.013821096
BIST011	LB011F1105	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	12	12	0	398.6659167	ng/kg	5.01	ng/kg	Y	Y	0.012566913
BIST019	LB061F1901	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	17	16	1	123.1910588	ng/kg	4.32	ng/kg	Y	Y	0.03506748
BIST019	LB061F1902	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	17	16	1	123.1910588	ng/kg	4.77	ng/kg	Y	Y	0.038720343
BIST019	LB061F1903	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	17	16	1	123.1910588	ng/kg	3.95	ng/kg	Y	Y	0.032064015
BIST027	PPGC1F2705	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	16	16	0	329.9994375	ng/kg	11.6	ng/kg	Y	Y	0.035151575
BIST027	PPGC1F2706	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	16	16	0	329.9994375	ng/kg	16.2	ng/kg	Y	Y	0.049090993
BIST027	PPGC1F2712	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	16	16	0	329.9994375	ng/kg	11.9	ng/kg	Y	Y	0.036060668
BIST029	PPGC1F2903	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	15	15	0	407.3	ng/kg	14.8	ng/kg	Y	Y	0.036336852
BIST029	PPGC1F2904	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	15	15	0	407.3	ng/kg	17.6	ng/kg	Y	Y	0.043211392

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST029	PPGC1F2905	Gulf killifish	Whole Body	2,3,7,8-TCDF	1	15	15	0	407.3	ng/kg	17.1	ng/kg	Y	Y	0.041983796
BIST004	UB041F0401	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	0	14	832.1785714	ug/kg	100	ug/kg	N	Y	0.120166516
BIST004	UB041F0402	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	0	14	832.1785714	ug/kg	20	ug/kg	N	Y	0.024033303
BIST004	UB041F0404	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	0	14	832.1785714	ug/kg	100	ug/kg	N	Y	0.120166516
BIST005	UB051F0501	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0502	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0503	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0504	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0505	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0508	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0509	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0510	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0511	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0512	Sailfin molly	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	80	ug/kg	N	Y	0.089385475
BIST005	UB051F0515	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	100	ug/kg	N	Y	0.111731844
BIST005	UB051F0516	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0517	Sheepshead minnow	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0518	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0520	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0523	Gulf killifish	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0525	Sailfin molly	Whole Body	2-Methylnaphthalene	1	12	0	12	895	ug/kg	60	ug/kg	N	Y	0.067039106
BIST006	MB011F0605	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	1	13	376.7714286	ug/kg	100	ug/kg	N	Y	0.265412907
BIST006	MB011F0607	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	1	13	376.7714286	ug/kg	200	ug/kg	N	Y	0.530825813
BIST006	MB011F0615	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	1	13	376.7714286	ug/kg	200	ug/kg	N	Y	0.530825813
BIST006	MB011F0616	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	1	13	376.7714286	ug/kg	100	ug/kg	N	Y	0.265412907
BIST006	MB011F0624	Gulf killifish	Whole Body	2-Methylnaphthalene	1	14	1	13	376.7714286	ug/kg	100	ug/kg	N	Y	0.265412907
BIST007	MB011F0702	Gulf killifish	Whole Body	2-Methylnaphthalene	1	11	1	10	471.3454545	ug/kg	100	ug/kg	N	Y	0.212158617
BIST007	MB011F0703	Gulf killifish	Whole Body	2-Methylnaphthalene	1	11	1	10	471.3454545	ug/kg	100	ug/kg	N	Y	0.212158617
BIST007	MB011F0704	Gulf killifish	Whole Body	2-Methylnaphthalene	1	11	1	10	471.3454545	ug/kg	100	ug/kg	N	Y	0.212158617
BIST007	MB011F0706	Gulf killifish	Whole Body	2-Methylnaphthalene	1	11	1	10	471.3454545	ug/kg	100	ug/kg	N	Y	0.212158617
BIST007	MB011F0708	Gulf killifish	Whole Body	2-Methylnaphthalene	1	11	1	10	471.3454545	ug/kg	100	ug/kg	N	Y	0.212158617
BIST008	MB031F0803	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	479.5894737	ug/kg	100	ug/kg	N	Y	0.208511666
BIST008	MB031F0804	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	479.5894737	ug/kg	100	ug/kg	N	Y	0.208511666
BIST008	MB031F0805	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	479.5894737	ug/kg	100	ug/kg	N	Y	0.208511666
BIST008	MB031F0806	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	479.5894737	ug/kg	100	ug/kg	N	Y	0.208511666
BIST008	MB031F0811	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	479.5894737	ug/kg	100	ug/kg	N	Y	0.208511666
BIST010	MB031F1001	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	473.8	ug/kg	100	ug/kg	N	Y	0.211059519
BIST010	MB031F1004	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	473.8	ug/kg	100	ug/kg	N	Y	0.211059519
BIST010	MB031F1006	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	473.8	ug/kg	100	ug/kg	N	Y	0.211059519
BIST010	MB031F1009	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	473.8	ug/kg	100	ug/kg	N	Y	0.211059519
BIST010	MB031F1013	Gulf killifish	Whole Body	2-Methylnaphthalene	1	19	2	17	473.8	ug/kg	100	ug/kg	N	Y	0.211059519
BIST011	LB011F1101	Gulf killifish	Whole Body	2-Methylnaphthalene	1	27	3	24	569	ug/kg	200	ug/kg	N	Y	0.351493849
BIST011	LB011F1103	Gulf killifish	Whole Body	2-Methylnaphthalene	1	27	3	24	569	ug/kg	200	ug/kg	N	Y	0.351493849
BIST011	LB011F1105	Gulf killifish	Whole Body	2-Methylnaphthalene	1	27	3	24	569	ug/kg	200	ug/kg	N	Y	0.351493849
BIST012	LB011F1201	Gulf killifish	Whole Body	2-Methylnaphthalene	1	30	3	27	610.7666667	ug/kg	200	ug/kg	N	Y	0.327457294
BIST012	LB011F1202	Gulf killifish	Whole Body	2-Methylnaphthalene	1	30	3	27	610.7666667	ug/kg	100	ug/kg	N	Y	0.163728647
BIST012	LB011F1204	Gulf killifish	Whole Body	2-Methylnaphthalene	1	30	3	27	610.7666667	ug/kg	20	ug/kg	N	Y	0.032745729
BIST013	LB011F1301	Gulf killifish	Whole Body	2-Methylnaphthalene	1	31	4	27	530.4096774	ug/kg	100	ug/kg	N	Y	0.188533513
BIST013	LB011F1302	Gulf killifish	Whole Body	2-Methylnaphthalene	1	31	4	27	530.4096774	ug/kg	40	ug/kg	N	Y	0.075413405
BIST013	LB011F1305	Gulf killifish	Whole Body	2-Methylnaphthalene	1	31	4	27	530.4096774	ug/kg	100	ug/kg	N	Y	0.188533513
BIST015	LB031F1502	Gulf killifish	Whole Body	2-Methylnaphthalene	1	37	2	35	3807.032432	ug/kg	100	ug/kg	N	Y	0.026267178
BIST015	LB031F1504	Gulf killifish	Whole Body	2-Methylnaphthalene	1	37	2	35	3807.032432	ug/kg	200	ug/kg	N	Y	0.052534357
BIST015	LB031F1506	Gulf killifish	Whole Body	2-Methylnaphthalene	1	37	2	35	3807.032432	ug/kg	100	ug/kg	N	Y	0.026267178
BIST016	LB031F1601	Gulf killifish	Whole Body	2-Methylnaphthalene	1	49	4	45	3023.457143	ug/kg	200	ug/kg	N	Y	0.066149441

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST016	LB031F1602	Gulf killifish	Whole Body	2-Methylnaphthalene	1	49	4	45	3023.457143	ug/kg	20	ug/kg	N	Y	0.006614944
BIST016	LB031F1610	Gulf killifish	Whole Body	2-Methylnaphthalene	1	49	4	45	3023.457143	ug/kg	20	ug/kg	N	Y	0.006614944
BIST017	LB031F1702	Gulf killifish	Whole Body	2-Methylnaphthalene	1	18	2	16	6985.011111	ug/kg	500	ug/kg	N	Y	0.071581847
BIST017	LB031F1703	Gulf killifish	Whole Body	2-Methylnaphthalene	1	18	2	16	6985.011111	ug/kg	60	ug/kg	N	Y	0.008589822
BIST017	LB031F1704	Gulf killifish	Whole Body	2-Methylnaphthalene	1	18	2	16	6985.011111	ug/kg	40	ug/kg	N	Y	0.005726548
BIST019	LB061F1901	Gulf killifish	Whole Body	2-Methylnaphthalene	1	37	2	35	673.627027	ug/kg	20	ug/kg	N	Y	0.02969002
BIST019	LB061F1902	Gulf killifish	Whole Body	2-Methylnaphthalene	1	37	2	35	673.627027	ug/kg	200	ug/kg	N	Y	0.296900201
BIST019	LB061F1903	Gulf killifish	Whole Body	2-Methylnaphthalene	1	37	2	35	673.627027	ug/kg	20	ug/kg	N	Y	0.02969002
BIST024	LB131F2402	Gulf killifish	Whole Body	2-Methylnaphthalene	1	45	3	42	545.8933333	ug/kg	100	ug/kg	N	Y	0.18318597
BIST024	LB131F2406	Gulf killifish	Whole Body	2-Methylnaphthalene	1	45	3	42	545.8933333	ug/kg	200	ug/kg	N	Y	0.366371941
BIST024	LB131F2408	Gulf killifish	Whole Body	2-Methylnaphthalene	1	45	3	42	545.8933333	ug/kg	200	ug/kg	N	Y	0.366371941
BIST026	LB131F2601	Gulf killifish	Whole Body	2-Methylnaphthalene	1	40	5	35	863.5175	ug/kg	40	ug/kg	N	Y	0.046322165
BIST025	LB131F2502	Gulf killifish	Whole Body	2-Methylnaphthalene	1	45	3	42	833.8155556	ug/kg	200	ug/kg	N	Y	0.2398612
BIST025	LB131F2503	Sheepshead minnow	Whole Body	2-Methylnaphthalene	1	45	3	42	833.8155556	ug/kg	400	ug/kg	N	Y	0.479722401
BIST026	LB131F2604	Gulf killifish	Whole Body	2-Methylnaphthalene	1	40	5	35	863.5175	ug/kg	100	ug/kg	N	Y	0.115805412
BIST027	PPGC1F2705	Gulf killifish	Whole Body	2-Methylnaphthalene	1	26	3	23	559.1538462	ug/kg	200	ug/kg	N	Y	0.357683313
BIST027	PPGC1F2706	Gulf killifish	Whole Body	2-Methylnaphthalene	1	26	3	23	559.1538462	ug/kg	40	ug/kg	N	Y	0.071536663
BIST027	PPGC1F2712	Gulf killifish	Whole Body	2-Methylnaphthalene	1	26	3	23	559.1538462	ug/kg	200	ug/kg	N	Y	0.357683313
BIST028	PPGC1F2802	Gulf killifish	Whole Body	2-Methylnaphthalene	1	24	2	22	4779.75	ug/kg	200	ug/kg	N	Y	0.041843193
BIST028	PPGC1F2803	Gulf killifish	Whole Body	2-Methylnaphthalene	1	24	2	22	4779.75	ug/kg	100	ug/kg	N	Y	0.020921596
BIST028	PPGC1F2806	Gulf killifish	Whole Body	2-Methylnaphthalene	1	24	2	22	4779.75	ug/kg	40	ug/kg	N	Y	0.008368639
BIST029	PPGC1F2903	Gulf killifish	Whole Body	2-Methylnaphthalene	1	25	3	22	774.12	ug/kg	200	ug/kg	N	Y	0.258357877
BIST029	PPGC1F2904	Gulf killifish	Whole Body	2-Methylnaphthalene	1	25	3	22	774.12	ug/kg	200	ug/kg	N	Y	0.258357877
BIST029	PPGC1F2905	Gulf killifish	Whole Body	2-Methylnaphthalene	1	25	3	22	774.12	ug/kg	20	ug/kg	N	Y	0.025835788
BIST004	UB041F0401	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0402	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0404	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST005	UB051F0501	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0502	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0503	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0504	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0505	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0508	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0509	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0510	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0511	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0512	Sailfin molly	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0515	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0516	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0517	Sheepshead minnow	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0518	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0520	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0523	Gulf killifish	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0525	Sailfin molly	Whole Body	4,4'-DDD	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST006	MB011F0605	Gulf killifish	Whole Body	4,4'-DDD	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0607	Gulf killifish	Whole Body	4,4'-DDD	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0615	Gulf killifish	Whole Body	4,4'-DDD	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0616	Gulf killifish	Whole Body	4,4'-DDD	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0624	Gulf killifish	Whole Body	4,4'-DDD	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST007	MB011F0702	Gulf killifish	Whole Body	4,4'-DDD	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0703	Gulf killifish	Whole Body	4,4'-DDD	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0704	Gulf killifish	Whole Body	4,4'-DDD	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0706	Gulf killifish	Whole Body	4,4'-DDD	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0708	Gulf killifish	Whole Body	4,4'-DDD	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031F0803	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	8.0175	ug/kg	5	ug/kg	N	Y	0.623635797
BIST008	MB031F0804	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	8.0175	ug/kg	5	ug/kg	N	Y	0.623635797
BIST008	MB031F0805	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	8.0175	ug/kg	5	ug/kg	N	Y	0.623635797
BIST008	MB031F0806	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	8.0175	ug/kg	5	ug/kg	N	Y	0.623635797
BIST008	MB031F0811	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	8.0175	ug/kg	5	ug/kg	N	Y	0.623635797
BIST010	MB031F1001	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	7.995	ug/kg	5	ug/kg	N	Y	0.625390869
BIST010	MB031F1004	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	7.995	ug/kg	5	ug/kg	N	Y	0.625390869
BIST010	MB031F1006	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	7.995	ug/kg	5	ug/kg	N	Y	0.625390869
BIST010	MB031F1009	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	7.995	ug/kg	5	ug/kg	N	Y	0.625390869
BIST010	MB031F1013	Gulf killifish	Whole Body	4,4'-DDD	1	20	1	19	7.995	ug/kg	5	ug/kg	N	Y	0.625390869
BIST011	LB011F1101	Gulf killifish	Whole Body	4,4'-DDD	1	27	9	18	28.62777778	ug/kg	5	ug/kg	N	Y	0.17465554
BIST011	LB011F1103	Gulf killifish	Whole Body	4,4'-DDD	1	27	9	18	28.62777778	ug/kg	5	ug/kg	N	Y	0.17465554
BIST011	LB011F1105	Gulf killifish	Whole Body	4,4'-DDD	1	27	9	18	28.62777778	ug/kg	5	ug/kg	N	Y	0.17465554
BIST012	LB011F1201	Gulf killifish	Whole Body	4,4'-DDD	1	30	10	20	27.18033333	ug/kg	5	ug/kg	N	Y	0.183956537
BIST012	LB011F1202	Gulf killifish	Whole Body	4,4'-DDD	1	30	10	20	27.18033333	ug/kg	5	ug/kg	N	Y	0.183956537
BIST012	LB011F1204	Gulf killifish	Whole Body	4,4'-DDD	1	30	10	20	27.18033333	ug/kg	5	ug/kg	N	Y	0.183956537
BIST013	LB011F1301	Gulf killifish	Whole Body	4,4'-DDD	1	30	10	20	28.44366667	ug/kg	5	ug/kg	N	Y	0.175786057
BIST013	LB011F1302	Gulf killifish	Whole Body	4,4'-DDD	1	30	10	20	28.44366667	ug/kg	5	ug/kg	N	Y	0.175786057
BIST013	LB011F1305	Gulf killifish	Whole Body	4,4'-DDD	1	30	10	20	28.44366667	ug/kg	5	ug/kg	N	Y	0.175786057
BIST015	LB031F1502	Gulf killifish	Whole Body	4,4'-DDD	1	24	7	17	19.37333333	ug/kg	5	ug/kg	N	Y	0.258086717
BIST015	LB031F1504	Gulf killifish	Whole Body	4,4'-DDD	1	24	7	17	19.37333333	ug/kg	5	ug/kg	N	Y	0.258086717
BIST015	LB031F1506	Gulf killifish	Whole Body	4,4'-DDD	1	24	7	17	19.37333333	ug/kg	5	ug/kg	N	Y	0.258086717
BIST016	LB031F1601	Gulf killifish	Whole Body	4,4'-DDD	1	35	13	22	23.18457143	ug/kg	5	ug/kg	N	Y	0.215660661
BIST016	LB031F1602	Gulf killifish	Whole Body	4,4'-DDD	1	35	13	22	23.18457143	ug/kg	5	ug/kg	N	Y	0.215660661
BIST016	LB031F1610	Gulf killifish	Whole Body	4,4'-DDD	1	35	13	22	23.18457143	ug/kg	5	ug/kg	N	Y	0.215660661
BIST017	LB031F1702	Gulf killifish	Whole Body	4,4'-DDD	1	11	4	7	29.63636364	ug/kg	5	ug/kg	N	Y	0.168711656
BIST017	LB031F1703	Gulf killifish	Whole Body	4,4'-DDD	1	11	4	7	29.63636364	ug/kg	5	ug/kg	N	Y	0.168711656
BIST017	LB031F1704	Gulf killifish	Whole Body	4,4'-DDD	1	11	4	7	29.63636364	ug/kg	5	ug/kg	N	Y	0.168711656
BIST019	LB061F1901	Gulf killifish	Whole Body	4,4'-DDD	1	26	10	16	18.41384615	ug/kg	5	ug/kg	N	Y	0.271534798
BIST019	LB061F1902	Gulf killifish	Whole Body	4,4'-DDD	1	26	10	16	18.41384615	ug/kg	5	ug/kg	N	Y	0.271534798
BIST019	LB061F1903	Gulf killifish	Whole Body	4,4'-DDD	1	26	10	16	18.41384615	ug/kg	5	ug/kg	N	Y	0.271534798
BIST024	LB131F2402	Gulf killifish	Whole Body	4,4'-DDD	1	32	10	22	16.359375	ug/kg	5	ug/kg	N	Y	0.305635148
BIST024	LB131F2406	Gulf killifish	Whole Body	4,4'-DDD	1	32	10	22	16.359375	ug/kg	5	ug/kg	N	Y	0.305635148
BIST024	LB131F2408	Gulf killifish	Whole Body	4,4'-DDD	1	32	10	22	16.359375	ug/kg	5	ug/kg	N	Y	0.305635148
BIST026	LB131F2601	Gulf killifish	Whole Body	4,4'-DDD	1	34	13	21	29.97382353	ug/kg	5	ug/kg	N	Y	0.166812219
BIST025	LB131F2501	Gulf killifish	Whole Body	4,4'-DDD	1	33	13	20	16.93363636	ug/kg	5	ug/kg	N	Y	0.295270307
BIST025	LB131F2502	Gulf killifish	Whole Body	4,4'-DDD	1	33	13	20	16.93363636	ug/kg	5	ug/kg	N	Y	0.295270307
BIST025	LB131F2503	Sheepshead minnow	Whole Body	4,4'-DDD	1	33	13	20	16.93363636	ug/kg	5	ug/kg	N	Y	0.295270307
BIST026	LB131F2604	Gulf killifish	Whole Body	4,4'-DDD	1	34	13	21	29.97382353	ug/kg	5	ug/kg	N	Y	0.166812219
BIST027	PPGC1F2705	Gulf killifish	Whole Body	4,4'-DDD	1	27	9	18	29.72259259	ug/kg	5	ug/kg	N	Y	0.168222203
BIST027	PPGC1F2706	Gulf killifish	Whole Body	4,4'-DDD	1	27	9	18	29.72259259	ug/kg	5	ug/kg	N	Y	0.168222203
BIST027	PPGC1F2712	Gulf killifish	Whole Body	4,4'-DDD	1	27	9	18	29.72259259	ug/kg	5	ug/kg	N	Y	0.168222203
BIST028	PPGC1F2802	Gulf killifish	Whole Body	4,4'-DDD	1	22	5	17	30.53227273	ug/kg	5	ug/kg	N	Y	0.163761147
BIST028	PPGC1F2803	Gulf killifish	Whole Body	4,4'-DDD	1	22	5	17	30.53227273	ug/kg	5	ug/kg	N	Y	0.163761147
BIST028	PPGC1F2806	Gulf killifish	Whole Body	4,4'-DDD	1	22	5	17	30.53227273	ug/kg	5	ug/kg	N	Y	0.163761147
BIST029	PPGC1F2903	Gulf killifish	Whole Body	4,4'-DDD	1	25	9	16	31.9644	ug/kg	5	ug/kg	N	Y	0.156424022
BIST029	PPGC1F2904	Gulf killifish	Whole Body	4,4'-DDD	1	25	9	16	31.9644	ug/kg	5	ug/kg	N	Y	0.156424022
BIST029	PPGC1F2905	Gulf killifish	Whole Body	4,4'-DDD	1	25	9	16	31.9644	ug/kg	5	ug/kg	N	Y	0.156424022
BIST004	UB041F0401	Gulf killifish	Whole Body	4,4'-DDE	1	13	1	12	3.426923077	ug/kg	5	ug/kg	N	Y	1.459034792
BIST004	UB041F0402	Gulf killifish	Whole Body	4,4'-DDE	1	13	1	12	3.426923077	ug/kg	5	ug/kg	N	Y	1.459034792
BIST004	UB041F0404	Gulf killifish	Whole Body	4,4'-DDE	1	13	1	12	3.426923077	ug/kg	5	ug/kg	N	Y	1.459034792
BIST005	UB051F0501	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0502	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0503	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	Sediment Samples N	Detects	Non-detects	Average	Units	Tissue Sample Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0504	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0505	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0508	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0509	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0510	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0511	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0512	Sailfin molly	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0515	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0516	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0517	Sheepshead minnow	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0518	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0520	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0523	Gulf killifish	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST005	UB051F0525	Sailfin molly	Whole Body	4,4'-DDE	1	13	4	9	2.941538462	ug/kg	5	ug/kg	N	Y	1.699790795
BIST006	MB011F0605	Gulf killifish	Whole Body	4,4'-DDE	1	14	5	9	3.647857143	ug/kg	5	ug/kg	N	Y	1.370667711
BIST006	MB011F0607	Gulf killifish	Whole Body	4,4'-DDE	1	14	5	9	3.647857143	ug/kg	5	ug/kg	N	Y	1.370667711
BIST006	MB011F0615	Gulf killifish	Whole Body	4,4'-DDE	1	14	5	9	3.647857143	ug/kg	5	ug/kg	N	Y	1.370667711
BIST006	MB011F0616	Gulf killifish	Whole Body	4,4'-DDE	1	14	5	9	3.647857143	ug/kg	5	ug/kg	N	Y	1.370667711
BIST006	MB011F0624	Gulf killifish	Whole Body	4,4'-DDE	1	14	5	9	3.647857143	ug/kg	5	ug/kg	N	Y	1.370667711
BIST007	MB011F0702	Gulf killifish	Whole Body	4,4'-DDE	1	12	4	8	3.335	ug/kg	5	ug/kg	N	Y	1.499250375
BIST007	MB011F0703	Gulf killifish	Whole Body	4,4'-DDE	1	12	4	8	3.335	ug/kg	5	ug/kg	N	Y	1.499250375
BIST007	MB011F0704	Gulf killifish	Whole Body	4,4'-DDE	1	12	4	8	3.335	ug/kg	5	ug/kg	N	Y	1.499250375
BIST007	MB011F0706	Gulf killifish	Whole Body	4,4'-DDE	1	12	4	8	3.335	ug/kg	5	ug/kg	N	Y	1.499250375
BIST007	MB011F0708	Gulf killifish	Whole Body	4,4'-DDE	1	12	4	8	3.335	ug/kg	5	ug/kg	N	Y	1.499250375
BIST008	MB031F0803	Gulf killifish	Whole Body	4,4'-DDE	1	20	6	14	6.9235	ug/kg	5	ug/kg	N	Y	0.722178089
BIST008	MB031F0804	Gulf killifish	Whole Body	4,4'-DDE	1	20	6	14	6.9235	ug/kg	5	ug/kg	N	Y	0.722178089
BIST008	MB031F0805	Gulf killifish	Whole Body	4,4'-DDE	1	20	6	14	6.9235	ug/kg	5	ug/kg	N	Y	0.722178089
BIST008	MB031F0806	Gulf killifish	Whole Body	4,4'-DDE	1	20	6	14	6.9235	ug/kg	5	ug/kg	N	Y	0.722178089
BIST008	MB031F0811	Gulf killifish	Whole Body	4,4'-DDE	1	20	6	14	6.9235	ug/kg	5	ug/kg	N	Y	0.722178089
BIST010	MB031F1001	Gulf killifish	Whole Body	4,4'-DDE	1	20	5	15	7.0575	ug/kg	5	ug/kg	N	Y	0.708466171
BIST010	MB031F1004	Gulf killifish	Whole Body	4,4'-DDE	1	20	5	15	7.0575	ug/kg	5	ug/kg	N	Y	0.708466171
BIST010	MB031F1006	Gulf killifish	Whole Body	4,4'-DDE	1	20	5	15	7.0575	ug/kg	5	ug/kg	N	Y	0.708466171
BIST010	MB031F1009	Gulf killifish	Whole Body	4,4'-DDE	1	20	5	15	7.0575	ug/kg	5	ug/kg	N	Y	0.708466171
BIST010	MB031F1013	Gulf killifish	Whole Body	4,4'-DDE	1	20	5	15	7.0575	ug/kg	5	ug/kg	N	Y	0.708466171
BIST011	LB011F1101	Gulf killifish	Whole Body	4,4'-DDE	1	27	11	16	29.22222222	ug/kg	5	ug/kg	N	Y	0.171102662
BIST011	LB011F1103	Gulf killifish	Whole Body	4,4'-DDE	1	27	11	16	29.22222222	ug/kg	5	ug/kg	N	Y	0.171102662
BIST011	LB011F1105	Gulf killifish	Whole Body	4,4'-DDE	1	27	11	16	29.22222222	ug/kg	5	ug/kg	N	Y	0.171102662
BIST012	LB011F1201	Gulf killifish	Whole Body	4,4'-DDE	1	30	11	19	27.35233333	ug/kg	5	ug/kg	N	Y	0.182799761
BIST012	LB011F1202	Gulf killifish	Whole Body	4,4'-DDE	1	30	11	19	27.35233333	ug/kg	5	ug/kg	N	Y	0.182799761
BIST012	LB011F1204	Gulf killifish	Whole Body	4,4'-DDE	1	30	11	19	27.35233333	ug/kg	5	ug/kg	N	Y	0.182799761
BIST013	LB011F1301	Gulf killifish	Whole Body	4,4'-DDE	1	30	11	19	28.39233333	ug/kg	5	ug/kg	N	Y	0.176103878
BIST013	LB011F1302	Gulf killifish	Whole Body	4,4'-DDE	1	30	11	19	28.39233333	ug/kg	5	ug/kg	N	Y	0.176103878
BIST013	LB011F1305	Gulf killifish	Whole Body	4,4'-DDE	1	30	11	19	28.39233333	ug/kg	5	ug/kg	N	Y	0.176103878
BIST015	LB031F1502	Gulf killifish	Whole Body	4,4'-DDE	1	24	4	20	17.47583333	ug/kg	5	ug/kg	N	Y	0.286109389
BIST015	LB031F1504	Gulf killifish	Whole Body	4,4'-DDE	1	24	4	20	17.47583333	ug/kg	5	ug/kg	N	Y	0.286109389
BIST015	LB031F1506	Gulf killifish	Whole Body	4,4'-DDE	1	24	4	20	17.47583333	ug/kg	5	ug/kg	N	Y	0.286109389
BIST016	LB031F1601	Gulf killifish	Whole Body	4,4'-DDE	1	35	11	24	20.23771429	ug/kg	5	ug/kg	N	Y	0.247063474
BIST016	LB031F1602	Gulf killifish	Whole Body	4,4'-DDE	1	35	11	24	20.23771429	ug/kg	5	ug/kg	N	Y	0.247063474
BIST016	LB031F1610	Gulf killifish	Whole Body	4,4'-DDE	1	35	11	24	20.23771429	ug/kg	5	ug/kg	N	Y	0.247063474
BIST017	LB031F1702	Gulf killifish	Whole Body	4,4'-DDE	1	11	2	9	26.31363636	ug/kg	5	ug/kg	N	Y	0.190015547
BIST017	LB031F1703	Gulf killifish	Whole Body	4,4'-DDE	1	11	2	9	26.31363636	ug/kg	5	ug/kg	N	Y	0.190015547
BIST017	LB031F1704	Gulf killifish	Whole Body	4,4'-DDE	1	11	2	9	26.31363636	ug/kg	5	ug/kg	N	Y	0.190015547
BIST019	LB061F1901	Gulf killifish	Whole Body	4,4'-DDE	1	26	9	17	15.97	ug/kg	5	ug/kg	N	Y	0.313087038
BIST019	LB061F1902	Gulf killifish	Whole Body	4,4'-DDE	1	26	9	17	15.97	ug/kg	5	ug/kg	N	Y	0.313087038

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	4,4'-DDE	1	26	9	17	15.97	ug/kg	5	ug/kg	N	Y	0.313087038
BIST024	LB131F2402	Gulf killifish	Whole Body	4,4'-DDE	1	32	10	22	14.4875	ug/kg	5	ug/kg	N	Y	0.345125108
BIST024	LB131F2406	Gulf killifish	Whole Body	4,4'-DDE	1	32	10	22	14.4875	ug/kg	5	ug/kg	N	Y	0.345125108
BIST024	LB131F2408	Gulf killifish	Whole Body	4,4'-DDE	1	32	10	22	14.4875	ug/kg	5	ug/kg	N	Y	0.345125108
BIST026	LB131F2601	Gulf killifish	Whole Body	4,4'-DDE	1	34	12	22	28.21235294	ug/kg	5	ug/kg	N	Y	0.177227331
BIST025	LB131F2501	Gulf killifish	Whole Body	4,4'-DDE	1	33	13	20	14.70060606	ug/kg	5	ug/kg	N	Y	0.340122032
BIST025	LB131F2502	Gulf killifish	Whole Body	4,4'-DDE	1	33	13	20	14.70060606	ug/kg	5	ug/kg	N	Y	0.340122032
BIST025	LB131F2503	Sheepshead minnow	Whole Body	4,4'-DDE	1	33	13	20	14.70060606	ug/kg	5	ug/kg	N	Y	0.340122032
BIST026	LB131F2604	Gulf killifish	Whole Body	4,4'-DDE	1	34	12	22	28.21235294	ug/kg	5	ug/kg	N	Y	0.177227331
BIST027	PPGC1F2705	Gulf killifish	Whole Body	4,4'-DDE	1	27	9	18	30.01	ug/kg	5	ug/kg	N	Y	0.16661113
BIST027	PPGC1F2706	Gulf killifish	Whole Body	4,4'-DDE	1	27	9	18	30.01	ug/kg	5	ug/kg	N	Y	0.16661113
BIST027	PPGC1F2712	Gulf killifish	Whole Body	4,4'-DDE	1	27	9	18	30.01	ug/kg	5	ug/kg	N	Y	0.16661113
BIST028	PPGC1F2802	Gulf killifish	Whole Body	4,4'-DDE	1	22	4	18	29.76909091	ug/kg	5	ug/kg	N	Y	0.167959445
BIST028	PPGC1F2803	Gulf killifish	Whole Body	4,4'-DDE	1	22	4	18	29.76909091	ug/kg	5	ug/kg	N	Y	0.167959445
BIST028	PPGC1F2806	Gulf killifish	Whole Body	4,4'-DDE	1	22	4	18	29.76909091	ug/kg	5	ug/kg	N	Y	0.167959445
BIST029	PPGC1F2903	Gulf killifish	Whole Body	4,4'-DDE	1	25	7	18	30.8568	ug/kg	5	ug/kg	N	Y	0.162038837
BIST029	PPGC1F2904	Gulf killifish	Whole Body	4,4'-DDE	1	25	7	18	30.8568	ug/kg	5	ug/kg	N	Y	0.162038837
BIST029	PPGC1F2905	Gulf killifish	Whole Body	4,4'-DDE	1	25	7	18	30.8568	ug/kg	5	ug/kg	N	Y	0.162038837
BIST004	UB041F0401	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0402	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0404	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST005	UB051F0501	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0502	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0503	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0504	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0503	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0504	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0505	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0508	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0509	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0510	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0511	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0512	Sailfin molly	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0515	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0516	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0517	Sheepshead minnow	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	81	ug/kg	Y	Y	21.51174668
BIST005	UB051F0518	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0520	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0523	Gulf killifish	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0525	Sailfin molly	Whole Body	4,4'-DDT	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST006	MB011F0605	Gulf killifish	Whole Body	4,4'-DDT	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0607	Gulf killifish	Whole Body	4,4'-DDT	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0615	Gulf killifish	Whole Body	4,4'-DDT	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0616	Gulf killifish	Whole Body	4,4'-DDT	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0624	Gulf killifish	Whole Body	4,4'-DDT	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST007	MB011F0702	Gulf killifish	Whole Body	4,4'-DDT	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0703	Gulf killifish	Whole Body	4,4'-DDT	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0704	Gulf killifish	Whole Body	4,4'-DDT	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0706	Gulf killifish	Whole Body	4,4'-DDT	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0708	Gulf killifish	Whole Body	4,4'-DDT	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST008	MB031F0803	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.155	ug/kg	5	ug/kg	N	Y	0.613120785
BIST008	MB031F0804	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.155	ug/kg	5	ug/kg	N	Y	0.613120785
BIST008	MB031F0805	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.155	ug/kg	5	ug/kg	N	Y	0.613120785
BIST008	MB031F0806	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.155	ug/kg	5	ug/kg	N	Y	0.613120785
BIST008	MB031F0811	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.155	ug/kg	5	ug/kg	N	Y	0.613120785
BIST010	MB031F1001	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.1325	ug/kg	5	ug/kg	N	Y	0.614817092

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST010	MB031F1004	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.1325	ug/kg	5	ug/kg	N	Y	0.614817092
BIST010	MB031F1006	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.1325	ug/kg	5	ug/kg	N	Y	0.614817092
BIST010	MB031F1009	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.1325	ug/kg	5	ug/kg	N	Y	0.614817092
BIST010	MB031F1013	Gulf killifish	Whole Body	4,4'-DDT	1	20	1	19	8.1325	ug/kg	5	ug/kg	N	Y	0.614817092
BIST011	LB011F1101	Gulf killifish	Whole Body	4,4'-DDT	1	26	2	24	8.738461538	ug/kg	5	ug/kg	N	Y	0.572183099
BIST011	LB011F1103	Gulf killifish	Whole Body	4,4'-DDT	1	26	2	24	8.738461538	ug/kg	5	ug/kg	N	Y	0.572183099
BIST011	LB011F1105	Gulf killifish	Whole Body	4,4'-DDT	1	26	2	24	8.738461538	ug/kg	5	ug/kg	N	Y	0.572183099
BIST012	LB011F1201	Gulf killifish	Whole Body	4,4'-DDT	1	29	2	27	9.812068966	ug/kg	5	ug/kg	N	Y	0.509576524
BIST012	LB011F1202	Gulf killifish	Whole Body	4,4'-DDT	1	29	2	27	9.812068966	ug/kg	5	ug/kg	N	Y	0.509576524
BIST012	LB011F1204	Gulf killifish	Whole Body	4,4'-DDT	1	29	2	27	9.812068966	ug/kg	5	ug/kg	N	Y	0.509576524
BIST013	LB011F1301	Gulf killifish	Whole Body	4,4'-DDT	1	29	2	27	10.12586207	ug/kg	5	ug/kg	N	Y	0.493785118
BIST013	LB011F1302	Gulf killifish	Whole Body	4,4'-DDT	1	29	2	27	10.12586207	ug/kg	5	ug/kg	N	Y	0.493785118
BIST013	LB011F1305	Gulf killifish	Whole Body	4,4'-DDT	1	29	2	27	10.12586207	ug/kg	5	ug/kg	N	Y	0.493785118
BIST015	LB031F1502	Gulf killifish	Whole Body	4,4'-DDT	1	24	3	21	20.05416667	ug/kg	5	ug/kg	N	Y	0.249324745
BIST015	LB031F1504	Gulf killifish	Whole Body	4,4'-DDT	1	24	3	21	20.05416667	ug/kg	5	ug/kg	N	Y	0.249324745
BIST015	LB031F1506	Gulf killifish	Whole Body	4,4'-DDT	1	24	3	21	20.05416667	ug/kg	5	ug/kg	N	Y	0.249324745
BIST016	LB031F1601	Gulf killifish	Whole Body	4,4'-DDT	1	35	4	31	18.65285714	ug/kg	5	ug/kg	N	Y	0.268055449
BIST016	LB031F1602	Gulf killifish	Whole Body	4,4'-DDT	1	35	4	31	18.65285714	ug/kg	5	ug/kg	N	Y	0.268055449
BIST016	LB031F1610	Gulf killifish	Whole Body	4,4'-DDT	1	35	4	31	18.65285714	ug/kg	5	ug/kg	N	Y	0.268055449
BIST017	LB031F1702	Gulf killifish	Whole Body	4,4'-DDT	1	11	1	10	30.52272727	ug/kg	5	ug/kg	N	Y	0.16381236
BIST017	LB031F1703	Gulf killifish	Whole Body	4,4'-DDT	1	11	1	10	30.52272727	ug/kg	5	ug/kg	N	Y	0.16381236
BIST017	LB031F1704	Gulf killifish	Whole Body	4,4'-DDT	1	11	1	10	30.52272727	ug/kg	5	ug/kg	N	Y	0.16381236
BIST019	LB061F1901	Gulf killifish	Whole Body	4,4'-DDT	1	26	3	23	12.05576923	ug/kg	5	ug/kg	N	Y	0.414739193
BIST019	LB061F1902	Gulf killifish	Whole Body	4,4'-DDT	1	26	3	23	12.05576923	ug/kg	5	ug/kg	N	Y	0.414739193
BIST019	LB061F1903	Gulf killifish	Whole Body	4,4'-DDT	1	26	3	23	12.05576923	ug/kg	5	ug/kg	N	Y	0.414739193
BIST024	LB131F2402	Gulf killifish	Whole Body	4,4'-DDT	1	32	2	30	11.578125	ug/kg	5	ug/kg	N	Y	0.431848853
BIST024	LB131F2406	Gulf killifish	Whole Body	4,4'-DDT	1	32	2	30	11.578125	ug/kg	5	ug/kg	N	Y	0.431848853
BIST024	LB131F2408	Gulf killifish	Whole Body	4,4'-DDT	1	32	2	30	11.578125	ug/kg	5	ug/kg	N	Y	0.431848853
BIST026	LB131F2601	Gulf killifish	Whole Body	4,4'-DDT	1	34	3	31	13.05588235	ug/kg	5	ug/kg	N	Y	0.382969137
BIST025	LB131F2501	Gulf killifish	Whole Body	4,4'-DDT	1	33	3	30	13.66969697	ug/kg	5	ug/kg	N	Y	0.365772556
BIST025	LB131F2502	Gulf killifish	Whole Body	4,4'-DDT	1	33	3	30	13.66969697	ug/kg	5	ug/kg	N	Y	0.365772556
BIST025	LB131F2503	Sheepshead minnow	Whole Body	4,4'-DDT	1	33	3	30	13.66969697	ug/kg	5	ug/kg	N	Y	0.365772556
BIST026	LB131F2604	Gulf killifish	Whole Body	4,4'-DDT	1	34	3	31	13.05588235	ug/kg	5	ug/kg	N	Y	0.382969137
BIST027	PPGC1F2705	Gulf killifish	Whole Body	4,4'-DDT	1	26	0	26	10.325	ug/kg	5	ug/kg	N	Y	0.484261501
BIST027	PPGC1F2706	Gulf killifish	Whole Body	4,4'-DDT	1	26	0	26	10.325	ug/kg	5	ug/kg	N	Y	0.484261501
BIST027	PPGC1F2712	Gulf killifish	Whole Body	4,4'-DDT	1	26	0	26	10.325	ug/kg	5	ug/kg	N	Y	0.484261501
BIST028	PPGC1F2802	Gulf killifish	Whole Body	4,4'-DDT	1	22	0	22	10.525	ug/kg	5	ug/kg	N	Y	0.475059382
BIST028	PPGC1F2803	Gulf killifish	Whole Body	4,4'-DDT	1	22	0	22	10.525	ug/kg	5	ug/kg	N	Y	0.475059382
BIST028	PPGC1F2806	Gulf killifish	Whole Body	4,4'-DDT	1	22	0	22	10.525	ug/kg	5	ug/kg	N	Y	0.475059382
BIST029	PPGC1F2903	Gulf killifish	Whole Body	4,4'-DDT	1	25	0	25	10.258	ug/kg	5	ug/kg	N	Y	0.487424449
BIST029	PPGC1F2904	Gulf killifish	Whole Body	4,4'-DDT	1	25	0	25	10.258	ug/kg	5	ug/kg	N	Y	0.487424449
BIST029	PPGC1F2905	Gulf killifish	Whole Body	4,4'-DDT	1	25	0	25	10.258	ug/kg	5	ug/kg	N	Y	0.487424449
BIST004	UB041F0401	Gulf killifish	Whole Body	Acenaphthene	1	14	0	14	832.1785714	ug/kg	100	ug/kg	N	Y	0.120166516
BIST004	UB041F0402	Gulf killifish	Whole Body	Acenaphthene	1	14	0	14	832.1785714	ug/kg	20	ug/kg	N	Y	0.024033303
BIST004	UB041F0404	Gulf killifish	Whole Body	Acenaphthene	1	14	0	14	832.1785714	ug/kg	100	ug/kg	N	Y	0.120166516
BIST005	UB051F0501	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	40	ug/kg	N	Y	0.045640392
BIST005	UB051F0502	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	20	ug/kg	N	Y	0.022820196
BIST005	UB051F0503	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	40	ug/kg	N	Y	0.045640392
BIST005	UB051F0504	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	40	ug/kg	N	Y	0.045640392
BIST005	UB051F0505	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	40	ug/kg	N	Y	0.045640392
BIST005	UB051F0508	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	20	ug/kg	N	Y	0.022820196
BIST005	UB051F0509	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	20	ug/kg	N	Y	0.022820196
BIST005	UB051F0510	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	20	ug/kg	N	Y	0.022820196
BIST005	UB051F0511	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	20	ug/kg	N	Y	0.022820196

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0512	Sailfin molly	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	80	ug/kg	N	Y	0.091280783
BIST005	UB051F0515	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	100	ug/kg	N	Y	0.114100979
BIST005	UB051F0516	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	40	ug/kg	N	Y	0.045640392
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	20	ug/kg	N	Y	0.022820196
BIST005	UB051F0518	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	20	ug/kg	N	Y	0.022820196
BIST005	UB051F0520	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	40	ug/kg	N	Y	0.045640392
BIST005	UB051F0523	Gulf killifish	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	40	ug/kg	N	Y	0.045640392
BIST005	UB051F0525	Sailfin molly	Whole Body	Acenaphthene	1	12	1	11	876.4166667	ug/kg	60	ug/kg	N	Y	0.068460588
BIST006	MB011F0605	Gulf killifish	Whole Body	Acenaphthene	1	14	2	12	360.5571429	ug/kg	100	ug/kg	N	Y	0.277348548
BIST006	MB011F0607	Gulf killifish	Whole Body	Acenaphthene	1	14	2	12	360.5571429	ug/kg	200	ug/kg	N	Y	0.554697096
BIST006	MB011F0615	Gulf killifish	Whole Body	Acenaphthene	1	14	2	12	360.5571429	ug/kg	200	ug/kg	N	Y	0.554697096
BIST006	MB011F0616	Gulf killifish	Whole Body	Acenaphthene	1	14	2	12	360.5571429	ug/kg	100	ug/kg	N	Y	0.277348548
BIST006	MB011F0624	Gulf killifish	Whole Body	Acenaphthene	1	14	2	12	360.5571429	ug/kg	100	ug/kg	N	Y	0.277348548
BIST007	MB011F0702	Gulf killifish	Whole Body	Acenaphthene	1	11	2	9	450.7090909	ug/kg	100	ug/kg	N	Y	0.221872605
BIST007	MB011F0703	Gulf killifish	Whole Body	Acenaphthene	1	11	2	9	450.7090909	ug/kg	100	ug/kg	N	Y	0.221872605
BIST007	MB011F0704	Gulf killifish	Whole Body	Acenaphthene	1	11	2	9	450.7090909	ug/kg	100	ug/kg	N	Y	0.221872605
BIST007	MB011F0706	Gulf killifish	Whole Body	Acenaphthene	1	11	2	9	450.7090909	ug/kg	100	ug/kg	N	Y	0.221872605
BIST007	MB011F0708	Gulf killifish	Whole Body	Acenaphthene	1	11	2	9	450.7090909	ug/kg	100	ug/kg	N	Y	0.221872605
BIST008	MB031F0803	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	514.7777778	ug/kg	100	ug/kg	N	Y	0.19425858
BIST008	MB031F0804	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	514.7777778	ug/kg	100	ug/kg	N	Y	0.19425858
BIST008	MB031F0805	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	514.7777778	ug/kg	100	ug/kg	N	Y	0.19425858
BIST008	MB031F0806	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	514.7777778	ug/kg	100	ug/kg	N	Y	0.19425858
BIST008	MB031F0811	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	514.7777778	ug/kg	100	ug/kg	N	Y	0.19425858
BIST010	MB031F1001	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	508.6666667	ug/kg	100	ug/kg	N	Y	0.196592398
BIST010	MB031F1004	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	508.6666667	ug/kg	100	ug/kg	N	Y	0.196592398
BIST010	MB031F1006	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	508.6666667	ug/kg	100	ug/kg	N	Y	0.196592398
BIST010	MB031F1009	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	508.6666667	ug/kg	100	ug/kg	N	Y	0.196592398
BIST010	MB031F1013	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	508.6666667	ug/kg	100	ug/kg	N	Y	0.196592398
BIST011	LB011F1101	Gulf killifish	Whole Body	Acenaphthene	1	24	0	24	607.0833333	ug/kg	200	ug/kg	N	Y	0.329444063
BIST011	LB011F1103	Gulf killifish	Whole Body	Acenaphthene	1	24	0	24	607.0833333	ug/kg	200	ug/kg	N	Y	0.329444063
BIST011	LB011F1105	Gulf killifish	Whole Body	Acenaphthene	1	24	0	24	607.0833333	ug/kg	200	ug/kg	N	Y	0.329444063
BIST012	LB011F1201	Gulf killifish	Whole Body	Acenaphthene	1	27	0	27	649.2592593	ug/kg	200	ug/kg	N	Y	0.308043354
BIST012	LB011F1202	Gulf killifish	Whole Body	Acenaphthene	1	27	0	27	649.2592593	ug/kg	100	ug/kg	N	Y	0.154021677
BIST012	LB011F1204	Gulf killifish	Whole Body	Acenaphthene	1	27	0	27	649.2592593	ug/kg	20	ug/kg	N	Y	0.030804335
BIST013	LB011F1301	Gulf killifish	Whole Body	Acenaphthene	1	27	0	27	577.4074074	ug/kg	100	ug/kg	N	Y	0.173187941
BIST013	LB011F1302	Gulf killifish	Whole Body	Acenaphthene	1	27	0	27	577.4074074	ug/kg	40	ug/kg	N	Y	0.069275176
BIST013	LB011F1305	Gulf killifish	Whole Body	Acenaphthene	1	27	0	27	577.4074074	ug/kg	100	ug/kg	N	Y	0.173187941
BIST015	LB031F1502	Gulf killifish	Whole Body	Acenaphthene	1	38	4	34	3751.221053	ug/kg	100	ug/kg	N	Y	0.026657986
BIST015	LB031F1504	Gulf killifish	Whole Body	Acenaphthene	1	38	4	34	3751.221053	ug/kg	200	ug/kg	N	Y	0.053315973
BIST015	LB031F1506	Gulf killifish	Whole Body	Acenaphthene	1	38	4	34	3751.221053	ug/kg	100	ug/kg	N	Y	0.026657986
BIST016	LB031F1601	Gulf killifish	Whole Body	Acenaphthene	1	49	4	45	3062.283673	ug/kg	200	ug/kg	N	Y	0.065310736
BIST016	LB031F1602	Gulf killifish	Whole Body	Acenaphthene	1	49	4	45	3062.283673	ug/kg	20	ug/kg	N	Y	0.006531074
BIST016	LB031F1610	Gulf killifish	Whole Body	Acenaphthene	1	49	4	45	3062.283673	ug/kg	20	ug/kg	N	Y	0.006531074
BIST017	LB031F1702	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	7065.222222	ug/kg	500	ug/kg	N	Y	0.070769182
BIST017	LB031F1703	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	7065.222222	ug/kg	60	ug/kg	N	Y	0.008492302
BIST017	LB031F1704	Gulf killifish	Whole Body	Acenaphthene	1	18	2	16	7065.222222	ug/kg	40	ug/kg	N	Y	0.005661535
BIST019	LB061F1901	Gulf killifish	Whole Body	Acenaphthene	1	37	2	35	686.0243243	ug/kg	20	ug/kg	N	Y	0.029153485
BIST019	LB061F1902	Gulf killifish	Whole Body	Acenaphthene	1	37	2	35	686.0243243	ug/kg	200	ug/kg	N	Y	0.291534852
BIST019	LB061F1903	Gulf killifish	Whole Body	Acenaphthene	1	37	2	35	686.0243243	ug/kg	20	ug/kg	N	Y	0.029153485
BIST024	LB131F2402	Gulf killifish	Whole Body	Acenaphthene	1	45	1	44	558.3977778	ug/kg	100	ug/kg	N	Y	0.179083807
BIST024	LB131F2406	Gulf killifish	Whole Body	Acenaphthene	1	45	1	44	558.3977778	ug/kg	200	ug/kg	N	Y	0.358167614
BIST024	LB131F2408	Gulf killifish	Whole Body	Acenaphthene	1	45	1	44	558.3977778	ug/kg	200	ug/kg	N	Y	0.358167614
BIST026	LB131F2601	Gulf killifish	Whole Body	Acenaphthene	1	38	2	36	900.6947368	ug/kg	40	ug/kg	N	Y	0.044410163
BIST025	LB131F2502	Gulf killifish	Whole Body	Acenaphthene	1	44	1	43	856.0772727	ug/kg	200	ug/kg	N	Y	0.23362377

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Acenaphthene	1	44	1	43	856.0772727	ug/kg	400	ug/kg	N	Y	0.46724754
BIST026	LB131F2604	Gulf killifish	Whole Body	Acenaphthene	1	38	2	36	900.6947368	ug/kg	100	ug/kg	N	Y	0.111025407
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Acenaphthene	1	23	0	23	597.6086957	ug/kg	200	ug/kg	N	Y	0.334667152
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Acenaphthene	1	23	0	23	597.6086957	ug/kg	40	ug/kg	N	Y	0.06693343
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Acenaphthene	1	23	0	23	597.6086957	ug/kg	200	ug/kg	N	Y	0.334667152
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Acenaphthene	1	23	1	22	4967.565217	ug/kg	200	ug/kg	N	Y	0.040261172
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Acenaphthene	1	23	1	22	4967.565217	ug/kg	100	ug/kg	N	Y	0.020130586
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Acenaphthene	1	23	1	22	4967.565217	ug/kg	40	ug/kg	N	Y	0.008052234
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Acenaphthene	1	22	0	22	843.6363636	ug/kg	200	ug/kg	N	Y	0.237068966
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Acenaphthene	1	22	0	22	843.6363636	ug/kg	200	ug/kg	N	Y	0.237068966
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Acenaphthene	1	22	0	22	843.6363636	ug/kg	20	ug/kg	N	Y	0.023706897
BIST004	UB041F0401	Gulf killifish	Whole Body	Acenaphthylene	1	15	2	13	756.4866667	ug/kg	100	ug/kg	N	Y	0.132190036
BIST004	UB041F0402	Gulf killifish	Whole Body	Acenaphthylene	1	15	2	13	756.4866667	ug/kg	20	ug/kg	N	Y	0.026438007
BIST004	UB041F0404	Gulf killifish	Whole Body	Acenaphthylene	1	15	2	13	756.4866667	ug/kg	100	ug/kg	N	Y	0.132190036
BIST005	UB051F0501	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	40	ug/kg	N	Y	0.049056141
BIST005	UB051F0502	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	20	ug/kg	N	Y	0.02452807
BIST005	UB051F0503	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	40	ug/kg	N	Y	0.049056141
BIST005	UB051F0504	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	40	ug/kg	N	Y	0.049056141
BIST005	UB051F0505	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	40	ug/kg	N	Y	0.049056141
BIST005	UB051F0508	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	20	ug/kg	N	Y	0.02452807
BIST005	UB051F0509	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	20	ug/kg	N	Y	0.02452807
BIST005	UB051F0510	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	20	ug/kg	N	Y	0.02452807
BIST005	UB051F0511	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	20	ug/kg	N	Y	0.02452807
BIST005	UB051F0512	Sailfin molly	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	80	ug/kg	N	Y	0.098112282
BIST005	UB051F0515	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	100	ug/kg	N	Y	0.122640352
BIST005	UB051F0516	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	40	ug/kg	N	Y	0.049056141
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	20	ug/kg	N	Y	0.02452807
BIST005	UB051F0518	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	20	ug/kg	N	Y	0.02452807
BIST005	UB051F0520	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	40	ug/kg	N	Y	0.049056141
BIST005	UB051F0523	Gulf killifish	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	40	ug/kg	N	Y	0.049056141
BIST005	UB051F0525	Sailfin molly	Whole Body	Acenaphthylene	1	13	2	11	815.3923077	ug/kg	60	ug/kg	N	Y	0.073584211
BIST006	MB011F0605	Gulf killifish	Whole Body	Acenaphthylene	1	15	3	12	361.0066667	ug/kg	100	ug/kg	N	Y	0.277003195
BIST006	MB011F0607	Gulf killifish	Whole Body	Acenaphthylene	1	15	3	12	361.0066667	ug/kg	200	ug/kg	N	Y	0.55400639
BIST006	MB011F0615	Gulf killifish	Whole Body	Acenaphthylene	1	15	3	12	361.0066667	ug/kg	200	ug/kg	N	Y	0.55400639
BIST006	MB011F0616	Gulf killifish	Whole Body	Acenaphthylene	1	15	3	12	361.0066667	ug/kg	100	ug/kg	N	Y	0.277003195
BIST006	MB011F0624	Gulf killifish	Whole Body	Acenaphthylene	1	15	3	12	361.0066667	ug/kg	100	ug/kg	N	Y	0.277003195
BIST007	MB011F0702	Gulf killifish	Whole Body	Acenaphthylene	1	12	3	9	443.7583333	ug/kg	100	ug/kg	N	Y	0.225347881
BIST007	MB011F0703	Gulf killifish	Whole Body	Acenaphthylene	1	12	3	9	443.7583333	ug/kg	100	ug/kg	N	Y	0.225347881
BIST007	MB011F0704	Gulf killifish	Whole Body	Acenaphthylene	1	12	3	9	443.7583333	ug/kg	100	ug/kg	N	Y	0.225347881
BIST007	MB011F0706	Gulf killifish	Whole Body	Acenaphthylene	1	12	3	9	443.7583333	ug/kg	100	ug/kg	N	Y	0.225347881
BIST007	MB011F0708	Gulf killifish	Whole Body	Acenaphthylene	1	12	3	9	443.7583333	ug/kg	100	ug/kg	N	Y	0.225347881
BIST008	MB031F0803	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	479.1315789	ug/kg	100	ug/kg	N	Y	0.208710935
BIST008	MB031F0804	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	479.1315789	ug/kg	100	ug/kg	N	Y	0.208710935
BIST008	MB031F0805	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	479.1315789	ug/kg	100	ug/kg	N	Y	0.208710935
BIST008	MB031F0806	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	479.1315789	ug/kg	100	ug/kg	N	Y	0.208710935
BIST008	MB031F0811	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	479.1315789	ug/kg	100	ug/kg	N	Y	0.208710935
BIST010	MB031F1001	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	473.3421053	ug/kg	100	ug/kg	N	Y	0.21126369
BIST010	MB031F1004	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	473.3421053	ug/kg	100	ug/kg	N	Y	0.21126369
BIST010	MB031F1006	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	473.3421053	ug/kg	100	ug/kg	N	Y	0.21126369
BIST010	MB031F1009	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	473.3421053	ug/kg	100	ug/kg	N	Y	0.21126369
BIST010	MB031F1013	Gulf killifish	Whole Body	Acenaphthylene	1	19	2	17	473.3421053	ug/kg	100	ug/kg	N	Y	0.21126369
BIST011	LB011F1101	Gulf killifish	Whole Body	Acenaphthylene	1	29	5	24	548.5586207	ug/kg	200	ug/kg	N	Y	0.364591846
BIST011	LB011F1103	Gulf killifish	Whole Body	Acenaphthylene	1	29	5	24	548.5586207	ug/kg	200	ug/kg	N	Y	0.364591846
BIST011	LB011F1105	Gulf killifish	Whole Body	Acenaphthylene	1	29	5	24	548.5586207	ug/kg	200	ug/kg	N	Y	0.364591846

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST012	LB011F1201	Gulf killifish	Whole Body	Acenaphthylene	1	34	7	27	559.4676471	ug/kg	200	ug/kg	N	Y	0.357482691
BIST012	LB011F1202	Gulf killifish	Whole Body	Acenaphthylene	1	34	7	27	559.4676471	ug/kg	100	ug/kg	N	Y	0.178741346
BIST012	LB011F1204	Gulf killifish	Whole Body	Acenaphthylene	1	34	7	27	559.4676471	ug/kg	20	ug/kg	N	Y	0.035748269
BIST013	LB011F1301	Gulf killifish	Whole Body	Acenaphthylene	1	35	8	27	489.1914286	ug/kg	100	ug/kg	N	Y	0.204418954
BIST013	LB011F1302	Gulf killifish	Whole Body	Acenaphthylene	1	35	8	27	489.1914286	ug/kg	40	ug/kg	N	Y	0.081767581
BIST013	LB011F1305	Gulf killifish	Whole Body	Acenaphthylene	1	35	8	27	489.1914286	ug/kg	100	ug/kg	N	Y	0.204418954
BIST015	LB031F1502	Gulf killifish	Whole Body	Acenaphthylene	1	42	7	35	3386.804762	ug/kg	100	ug/kg	N	Y	0.029526355
BIST015	LB031F1504	Gulf killifish	Whole Body	Acenaphthylene	1	42	7	35	3386.804762	ug/kg	200	ug/kg	N	Y	0.05905271
BIST015	LB031F1506	Gulf killifish	Whole Body	Acenaphthylene	1	42	7	35	3386.804762	ug/kg	100	ug/kg	N	Y	0.029526355
BIST016	LB031F1601	Gulf killifish	Whole Body	Acenaphthylene	1	54	8	46	2775.007407	ug/kg	200	ug/kg	N	Y	0.07207188
BIST016	LB031F1602	Gulf killifish	Whole Body	Acenaphthylene	1	54	8	46	2775.007407	ug/kg	20	ug/kg	N	Y	0.007207188
BIST016	LB031F1610	Gulf killifish	Whole Body	Acenaphthylene	1	54	8	46	2775.007407	ug/kg	20	ug/kg	N	Y	0.007207188
BIST017	LB031F1702	Gulf killifish	Whole Body	Acenaphthylene	1	19	3	16	6656.578947	ug/kg	500	ug/kg	N	Y	0.075113659
BIST017	LB031F1703	Gulf killifish	Whole Body	Acenaphthylene	1	19	3	16	6656.578947	ug/kg	60	ug/kg	N	Y	0.009013639
BIST017	LB031F1704	Gulf killifish	Whole Body	Acenaphthylene	1	19	3	16	6656.578947	ug/kg	40	ug/kg	N	Y	0.006009093
BIST019	LB061F1901	Gulf killifish	Whole Body	Acenaphthylene	1	41	5	36	631.2292683	ug/kg	20	ug/kg	N	Y	0.031684209
BIST019	LB061F1902	Gulf killifish	Whole Body	Acenaphthylene	1	41	5	36	631.2292683	ug/kg	200	ug/kg	N	Y	0.316842089
BIST019	LB061F1903	Gulf killifish	Whole Body	Acenaphthylene	1	41	5	36	631.2292683	ug/kg	20	ug/kg	N	Y	0.031684209
BIST024	LB131F2402	Gulf killifish	Whole Body	Acenaphthylene	1	49	5	44	526.7428571	ug/kg	100	ug/kg	N	Y	0.189845954
BIST024	LB131F2406	Gulf killifish	Whole Body	Acenaphthylene	1	49	5	44	526.7428571	ug/kg	200	ug/kg	N	Y	0.379691907
BIST024	LB131F2408	Gulf killifish	Whole Body	Acenaphthylene	1	49	5	44	526.7428571	ug/kg	200	ug/kg	N	Y	0.379691907
BIST026	LB131F2601	Gulf killifish	Whole Body	Acenaphthylene	1	47	11	36	766.093617	ug/kg	40	ug/kg	N	Y	0.05221294
BIST025	LB131F2502	Gulf killifish	Whole Body	Acenaphthylene	1	51	8	43	780.0960784	ug/kg	200	ug/kg	N	Y	0.256378676
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Acenaphthylene	1	51	8	43	780.0960784	ug/kg	400	ug/kg	N	Y	0.512757353
BIST026	LB131F2604	Gulf killifish	Whole Body	Acenaphthylene	1	47	11	36	766.093617	ug/kg	100	ug/kg	N	Y	0.13053235
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Acenaphthylene	1	30	7	23	507.8966667	ug/kg	200	ug/kg	N	Y	0.393780887
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Acenaphthylene	1	30	7	23	507.8966667	ug/kg	40	ug/kg	N	Y	0.078756177
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Acenaphthylene	1	30	7	23	507.8966667	ug/kg	200	ug/kg	N	Y	0.393780887
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Acenaphthylene	1	29	7	22	3985.534483	ug/kg	200	ug/kg	N	Y	0.050181475
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Acenaphthylene	1	29	7	22	3985.534483	ug/kg	100	ug/kg	N	Y	0.025090738
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Acenaphthylene	1	29	7	22	3985.534483	ug/kg	40	ug/kg	N	Y	0.010036295
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Acenaphthylene	1	29	7	22	691.4448276	ug/kg	200	ug/kg	N	Y	0.289249398
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Acenaphthylene	1	29	7	22	691.4448276	ug/kg	200	ug/kg	N	Y	0.289249398
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Acenaphthylene	1	29	7	22	691.4448276	ug/kg	20	ug/kg	N	Y	0.02892494
BIST004	UB041F0401	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0402	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0404	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST005	UB051F0501	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0502	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0503	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0504	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0505	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0508	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0509	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0510	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0511	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0512	Sailfin molly	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0515	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0516	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0518	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0520	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0523	Gulf killifish	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0525	Sailfin molly	Whole Body	Aldrin	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB011F0605	Gulf killifish	Whole Body	Aldrin	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0607	Gulf killifish	Whole Body	Aldrin	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0615	Gulf killifish	Whole Body	Aldrin	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0616	Gulf killifish	Whole Body	Aldrin	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0624	Gulf killifish	Whole Body	Aldrin	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST007	MB011F0702	Gulf killifish	Whole Body	Aldrin	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0703	Gulf killifish	Whole Body	Aldrin	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0704	Gulf killifish	Whole Body	Aldrin	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0706	Gulf killifish	Whole Body	Aldrin	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0708	Gulf killifish	Whole Body	Aldrin	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST008	MB031F0803	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.845	ug/kg	5	ug/kg	N	Y	0.855431993
BIST008	MB031F0804	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.845	ug/kg	5	ug/kg	N	Y	0.855431993
BIST008	MB031F0805	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.845	ug/kg	5	ug/kg	N	Y	0.855431993
BIST008	MB031F0806	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.845	ug/kg	5	ug/kg	N	Y	0.855431993
BIST008	MB031F0811	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.845	ug/kg	5	ug/kg	N	Y	0.855431993
BIST010	MB031F1001	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.8325	ug/kg	5	ug/kg	N	Y	0.857265324
BIST010	MB031F1004	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.8325	ug/kg	5	ug/kg	N	Y	0.857265324
BIST010	MB031F1006	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.8325	ug/kg	5	ug/kg	N	Y	0.857265324
BIST010	MB031F1009	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.8325	ug/kg	5	ug/kg	N	Y	0.857265324
BIST010	MB031F1013	Gulf killifish	Whole Body	Aldrin	1	20	1	19	5.8325	ug/kg	5	ug/kg	N	Y	0.857265324
BIST011	LB011F1101	Gulf killifish	Whole Body	Aldrin	1	27	11	16	19.50777778	ug/kg	5	ug/kg	N	Y	0.256308025
BIST011	LB011F1103	Gulf killifish	Whole Body	Aldrin	1	27	11	16	19.50777778	ug/kg	5	ug/kg	N	Y	0.256308025
BIST011	LB011F1105	Gulf killifish	Whole Body	Aldrin	1	27	11	16	19.50777778	ug/kg	5	ug/kg	N	Y	0.256308025
BIST012	LB011F1201	Gulf killifish	Whole Body	Aldrin	1	30	10	20	19.49216667	ug/kg	5	ug/kg	N	Y	0.2565133
BIST012	LB011F1202	Gulf killifish	Whole Body	Aldrin	1	30	10	20	19.49216667	ug/kg	5	ug/kg	N	Y	0.2565133
BIST012	LB011F1204	Gulf killifish	Whole Body	Aldrin	1	30	10	20	19.49216667	ug/kg	5	ug/kg	N	Y	0.2565133
BIST013	LB011F1301	Gulf killifish	Whole Body	Aldrin	1	30	9	21	19.80416667	ug/kg	5	ug/kg	N	Y	0.252472123
BIST013	LB011F1302	Gulf killifish	Whole Body	Aldrin	1	30	9	21	19.80416667	ug/kg	5	ug/kg	N	Y	0.252472123
BIST013	LB011F1305	Gulf killifish	Whole Body	Aldrin	1	30	9	21	19.80416667	ug/kg	5	ug/kg	N	Y	0.252472123
BIST015	LB031F1502	Gulf killifish	Whole Body	Aldrin	1	24	5	19	15.87291667	ug/kg	5	ug/kg	N	Y	0.315001969
BIST015	LB031F1504	Gulf killifish	Whole Body	Aldrin	1	24	5	19	15.87291667	ug/kg	5	ug/kg	N	Y	0.315001969
BIST015	LB031F1506	Gulf killifish	Whole Body	Aldrin	1	24	5	19	15.87291667	ug/kg	5	ug/kg	N	Y	0.315001969
BIST016	LB031F1601	Gulf killifish	Whole Body	Aldrin	1	35	13	22	31.36014286	ug/kg	5	ug/kg	N	Y	0.159438049
BIST016	LB031F1602	Gulf killifish	Whole Body	Aldrin	1	35	13	22	31.36014286	ug/kg	5	ug/kg	N	Y	0.159438049
BIST016	LB031F1610	Gulf killifish	Whole Body	Aldrin	1	35	13	22	31.36014286	ug/kg	5	ug/kg	N	Y	0.159438049
BIST017	LB031F1702	Gulf killifish	Whole Body	Aldrin	1	11	4	7	23.49090909	ug/kg	5	ug/kg	N	Y	0.212848297
BIST017	LB031F1703	Gulf killifish	Whole Body	Aldrin	1	11	4	7	23.49090909	ug/kg	5	ug/kg	N	Y	0.212848297
BIST017	LB031F1704	Gulf killifish	Whole Body	Aldrin	1	11	4	7	23.49090909	ug/kg	5	ug/kg	N	Y	0.212848297
BIST019	LB061F1901	Gulf killifish	Whole Body	Aldrin	1	26	12	14	33.70403846	ug/kg	5	ug/kg	N	Y	0.148350175
BIST019	LB061F1902	Gulf killifish	Whole Body	Aldrin	1	26	12	14	33.70403846	ug/kg	5	ug/kg	N	Y	0.148350175
BIST019	LB061F1903	Gulf killifish	Whole Body	Aldrin	1	26	12	14	33.70403846	ug/kg	5	ug/kg	N	Y	0.148350175
BIST024	LB131F2402	Gulf killifish	Whole Body	Aldrin	1	32	12	20	28.10703125	ug/kg	5	ug/kg	N	Y	0.177891431
BIST024	LB131F2406	Gulf killifish	Whole Body	Aldrin	1	32	12	20	28.10703125	ug/kg	5	ug/kg	N	Y	0.177891431
BIST024	LB131F2408	Gulf killifish	Whole Body	Aldrin	1	32	12	20	28.10703125	ug/kg	5	ug/kg	N	Y	0.177891431
BIST026	LB131F2601	Gulf killifish	Whole Body	Aldrin	1	34	11	23	28.32279412	ug/kg	5	ug/kg	N	Y	0.176536255
BIST025	LB131F2501	Gulf killifish	Whole Body	Aldrin	1	33	13	20	29.23560606	ug/kg	5	ug/kg	N	Y	0.171024332
BIST025	LB131F2502	Gulf killifish	Whole Body	Aldrin	1	33	13	20	29.23560606	ug/kg	5	ug/kg	N	Y	0.171024332
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aldrin	1	33	13	20	29.23560606	ug/kg	5	ug/kg	N	Y	0.171024332
BIST026	LB131F2604	Gulf killifish	Whole Body	Aldrin	1	34	11	23	28.32279412	ug/kg	5	ug/kg	N	Y	0.176536255
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aldrin	1	27	9	18	21.46296296	ug/kg	5	ug/kg	N	Y	0.232959448
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aldrin	1	27	9	18	21.46296296	ug/kg	5	ug/kg	N	Y	0.232959448
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Aldrin	1	27	9	18	21.46296296	ug/kg	5	ug/kg	N	Y	0.232959448
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aldrin	1	22	5	17	10.675	ug/kg	5	ug/kg	N	Y	0.468384075
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aldrin	1	22	5	17	10.675	ug/kg	5	ug/kg	N	Y	0.468384075

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aldrin	1	22	5	17	10.675	ug/kg	5	ug/kg	N	Y	0.468384075
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aldrin	1	25	8	17	22.48	ug/kg	5	ug/kg	N	Y	0.222419929
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aldrin	1	25	8	17	22.48	ug/kg	5	ug/kg	N	Y	0.222419929
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aldrin	1	25	8	17	22.48	ug/kg	5	ug/kg	N	Y	0.222419929
BIST004	UB041F0401	Gulf killifish	Whole Body	alpha-Chlordane	1	13	2	11	1.955384615	ug/kg	5	ug/kg	N	Y	2.557041699
BIST004	UB041F0402	Gulf killifish	Whole Body	alpha-Chlordane	1	13	2	11	1.955384615	ug/kg	5	ug/kg	N	Y	2.557041699
BIST004	UB041F0404	Gulf killifish	Whole Body	alpha-Chlordane	1	13	2	11	1.955384615	ug/kg	5	ug/kg	N	Y	2.557041699
BIST005	UB051F0501	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0502	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0503	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0504	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0505	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0508	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0509	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0510	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0511	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0512	Sailfin molly	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0515	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0516	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0517	Sheepshead minnow	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0518	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0520	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0523	Gulf killifish	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST005	UB051F0525	Sailfin molly	Whole Body	alpha-Chlordane	1	13	3	10	1.857692308	ug/kg	5	ug/kg	N	Y	2.691511387
BIST006	MB011F0605	Gulf killifish	Whole Body	alpha-Chlordane	1	14	1	13	2.845	ug/kg	5	ug/kg	N	Y	1.757469244
BIST006	MB011F0607	Gulf killifish	Whole Body	alpha-Chlordane	1	14	1	13	2.845	ug/kg	5	ug/kg	N	Y	1.757469244
BIST006	MB011F0615	Gulf killifish	Whole Body	alpha-Chlordane	1	14	1	13	2.845	ug/kg	5	ug/kg	N	Y	1.757469244
BIST006	MB011F0616	Gulf killifish	Whole Body	alpha-Chlordane	1	14	1	13	2.845	ug/kg	5	ug/kg	N	Y	1.757469244
BIST006	MB011F0624	Gulf killifish	Whole Body	alpha-Chlordane	1	14	1	13	2.845	ug/kg	5	ug/kg	N	Y	1.757469244
BIST007	MB011F0702	Gulf killifish	Whole Body	alpha-Chlordane	1	12	1	11	2.6775	ug/kg	5	ug/kg	N	Y	1.867413632
BIST007	MB011F0703	Gulf killifish	Whole Body	alpha-Chlordane	1	12	1	11	2.6775	ug/kg	5	ug/kg	N	Y	1.867413632
BIST007	MB011F0704	Gulf killifish	Whole Body	alpha-Chlordane	1	12	1	11	2.6775	ug/kg	5	ug/kg	N	Y	1.867413632
BIST007	MB011F0706	Gulf killifish	Whole Body	alpha-Chlordane	1	12	1	11	2.6775	ug/kg	5	ug/kg	N	Y	1.867413632
BIST007	MB011F0708	Gulf killifish	Whole Body	alpha-Chlordane	1	12	1	11	2.6775	ug/kg	5	ug/kg	N	Y	1.867413632
BIST008	MB031F0803	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0804	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0805	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0806	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0811	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST010	MB031F1001	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1004	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1006	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1009	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1013	Gulf killifish	Whole Body	alpha-Chlordane	1	20	2	18	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST011	LB011F1101	Gulf killifish	Whole Body	alpha-Chlordane	1	26	5	21	26.38846154	ug/kg	5	ug/kg	N	Y	0.189476753
BIST011	LB011F1103	Gulf killifish	Whole Body	alpha-Chlordane	1	26	5	21	26.38846154	ug/kg	5	ug/kg	N	Y	0.189476753
BIST011	LB011F1105	Gulf killifish	Whole Body	alpha-Chlordane	1	26	5	21	26.38846154	ug/kg	5	ug/kg	N	Y	0.189476753
BIST012	LB011F1201	Gulf killifish	Whole Body	alpha-Chlordane	1	29	6	23	24.42586207	ug/kg	5	ug/kg	N	Y	0.204701066
BIST012	LB011F1202	Gulf killifish	Whole Body	alpha-Chlordane	1	29	6	23	24.42586207	ug/kg	5	ug/kg	N	Y	0.204701066
BIST012	LB011F1204	Gulf killifish	Whole Body	alpha-Chlordane	1	29	6	23	24.42586207	ug/kg	5	ug/kg	N	Y	0.204701066
BIST013	LB011F1301	Gulf killifish	Whole Body	alpha-Chlordane	1	29	6	23	25.97068966	ug/kg	5	ug/kg	N	Y	0.192524729
BIST013	LB011F1302	Gulf killifish	Whole Body	alpha-Chlordane	1	29	6	23	25.97068966	ug/kg	5	ug/kg	N	Y	0.192524729
BIST013	LB011F1305	Gulf killifish	Whole Body	alpha-Chlordane	1	29	6	23	25.97068966	ug/kg	5	ug/kg	N	Y	0.192524729
BIST015	LB031F1502	Gulf killifish	Whole Body	alpha-Chlordane	1	24	3	21	11.60833333	ug/kg	5	ug/kg	N	Y	0.430725054

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB031F1504	Gulf killifish	Whole Body	alpha-Chlordane	1	24	3	21	11.60833333	ug/kg	5	ug/kg	N	Y	0.430725054
BIST015	LB031F1506	Gulf killifish	Whole Body	alpha-Chlordane	1	24	3	21	11.60833333	ug/kg	5	ug/kg	N	Y	0.430725054
BIST016	LB031F1601	Gulf killifish	Whole Body	alpha-Chlordane	1	35	10	25	12.84114286	ug/kg	5	ug/kg	N	Y	0.389373443
BIST016	LB031F1602	Gulf killifish	Whole Body	alpha-Chlordane	1	35	10	25	12.84114286	ug/kg	5	ug/kg	N	Y	0.389373443
BIST016	LB031F1610	Gulf killifish	Whole Body	alpha-Chlordane	1	35	10	25	12.84114286	ug/kg	5	ug/kg	N	Y	0.389373443
BIST017	LB031F1702	Gulf killifish	Whole Body	alpha-Chlordane	1	11	2	9	17.05909091	ug/kg	5	ug/kg	N	Y	0.293098854
BIST017	LB031F1703	Gulf killifish	Whole Body	alpha-Chlordane	1	11	2	9	17.05909091	ug/kg	5	ug/kg	N	Y	0.293098854
BIST017	LB031F1704	Gulf killifish	Whole Body	alpha-Chlordane	1	11	2	9	17.05909091	ug/kg	5	ug/kg	N	Y	0.293098854
BIST019	LB061F1901	Gulf killifish	Whole Body	alpha-Chlordane	1	26	9	17	10.07846154	ug/kg	5	ug/kg	N	Y	0.496107465
BIST019	LB061F1902	Gulf killifish	Whole Body	alpha-Chlordane	1	26	9	17	10.07846154	ug/kg	5	ug/kg	N	Y	0.496107465
BIST019	LB061F1903	Gulf killifish	Whole Body	alpha-Chlordane	1	26	9	17	10.07846154	ug/kg	5	ug/kg	N	Y	0.496107465
BIST024	LB131F2402	Gulf killifish	Whole Body	alpha-Chlordane	1	32	8	24	9.5109375	ug/kg	5	ug/kg	N	Y	0.525710531
BIST024	LB131F2406	Gulf killifish	Whole Body	alpha-Chlordane	1	32	8	24	9.5109375	ug/kg	5	ug/kg	N	Y	0.525710531
BIST024	LB131F2408	Gulf killifish	Whole Body	alpha-Chlordane	1	32	8	24	9.5109375	ug/kg	5	ug/kg	N	Y	0.525710531
BIST026	LB131F2601	Gulf killifish	Whole Body	alpha-Chlordane	1	34	8	26	24.90735294	ug/kg	5	ug/kg	N	Y	0.200743933
BIST025	LB131F2501	Gulf killifish	Whole Body	alpha-Chlordane	1	33	9	24	10.18636364	ug/kg	5	ug/kg	N	Y	0.490852298
BIST025	LB131F2502	Gulf killifish	Whole Body	alpha-Chlordane	1	33	9	24	10.18636364	ug/kg	5	ug/kg	N	Y	0.490852298
BIST025	LB131F2503	Sheepshead minnow	Whole Body	alpha-Chlordane	1	33	9	24	10.18636364	ug/kg	5	ug/kg	N	Y	0.490852298
BIST026	LB131F2604	Gulf killifish	Whole Body	alpha-Chlordane	1	34	8	26	24.90735294	ug/kg	5	ug/kg	N	Y	0.200743933
BIST027	PPGC1F2705	Gulf killifish	Whole Body	alpha-Chlordane	1	26	5	21	26.925	ug/kg	5	ug/kg	N	Y	0.185701021
BIST027	PPGC1F2706	Gulf killifish	Whole Body	alpha-Chlordane	1	26	5	21	26.925	ug/kg	5	ug/kg	N	Y	0.185701021
BIST027	PPGC1F2712	Gulf killifish	Whole Body	alpha-Chlordane	1	26	5	21	26.925	ug/kg	5	ug/kg	N	Y	0.185701021
BIST028	PPGC1F2802	Gulf killifish	Whole Body	alpha-Chlordane	1	22	3	19	28.06363636	ug/kg	5	ug/kg	N	Y	0.178166505
BIST028	PPGC1F2803	Gulf killifish	Whole Body	alpha-Chlordane	1	22	3	19	28.06363636	ug/kg	5	ug/kg	N	Y	0.178166505
BIST028	PPGC1F2806	Gulf killifish	Whole Body	alpha-Chlordane	1	22	3	19	28.06363636	ug/kg	5	ug/kg	N	Y	0.178166505
BIST029	PPGC1F2903	Gulf killifish	Whole Body	alpha-Chlordane	1	25	5	20	27.81	ug/kg	5	ug/kg	N	Y	0.179791442
BIST029	PPGC1F2904	Gulf killifish	Whole Body	alpha-Chlordane	1	25	5	20	27.81	ug/kg	5	ug/kg	N	Y	0.179791442
BIST029	PPGC1F2905	Gulf killifish	Whole Body	alpha-Chlordane	1	25	5	20	27.81	ug/kg	5	ug/kg	N	Y	0.179791442
BIST004	UB041F0401	Gulf killifish	Whole Body	Anthracene	1	15	1	14	778.2333333	ug/kg	100	ug/kg	N	Y	0.128496167
BIST004	UB041F0402	Gulf killifish	Whole Body	Anthracene	1	15	1	14	778.2333333	ug/kg	20	ug/kg	N	Y	0.025699233
BIST004	UB041F0404	Gulf killifish	Whole Body	Anthracene	1	15	1	14	778.2333333	ug/kg	100	ug/kg	N	Y	0.128496167
BIST005	UB051F0501	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	40	ug/kg	N	Y	0.04921679
BIST005	UB051F0502	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	20	ug/kg	N	Y	0.024608395
BIST005	UB051F0503	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	40	ug/kg	N	Y	0.04921679
BIST005	UB051F0504	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	40	ug/kg	N	Y	0.04921679
BIST005	UB051F0505	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	40	ug/kg	N	Y	0.04921679
BIST005	UB051F0508	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	20	ug/kg	N	Y	0.024608395
BIST005	UB051F0509	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	20	ug/kg	N	Y	0.024608395
BIST005	UB051F0510	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	20	ug/kg	N	Y	0.024608395
BIST005	UB051F0511	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	20	ug/kg	N	Y	0.024608395
BIST005	UB051F0512	Sailfin molly	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	80	ug/kg	N	Y	0.098433581
BIST005	UB051F0515	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	100	ug/kg	N	Y	0.123041976
BIST005	UB051F0516	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	40	ug/kg	N	Y	0.04921679
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	20	ug/kg	N	Y	0.024608395
BIST005	UB051F0518	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	20	ug/kg	N	Y	0.024608395
BIST005	UB051F0520	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	40	ug/kg	N	Y	0.04921679
BIST005	UB051F0523	Gulf killifish	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	40	ug/kg	N	Y	0.04921679
BIST005	UB051F0525	Sailfin molly	Whole Body	Anthracene	1	13	2	11	812.7307692	ug/kg	60	ug/kg	N	Y	0.073825186
BIST006	MB011F0605	Gulf killifish	Whole Body	Anthracene	1	15	3	12	346.7666667	ug/kg	100	ug/kg	N	Y	0.288378352
BIST006	MB011F0607	Gulf killifish	Whole Body	Anthracene	1	15	3	12	346.7666667	ug/kg	200	ug/kg	N	Y	0.576756705
BIST006	MB011F0615	Gulf killifish	Whole Body	Anthracene	1	15	3	12	346.7666667	ug/kg	200	ug/kg	N	Y	0.576756705
BIST006	MB011F0616	Gulf killifish	Whole Body	Anthracene	1	15	3	12	346.7666667	ug/kg	100	ug/kg	N	Y	0.288378352
BIST006	MB011F0624	Gulf killifish	Whole Body	Anthracene	1	15	3	12	346.7666667	ug/kg	100	ug/kg	N	Y	0.288378352
BIST007	MB011F0702	Gulf killifish	Whole Body	Anthracene	1	12	3	9	425.9583333	ug/kg	100	ug/kg	N	Y	0.234764746

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST007	MB011F0703	Gulf killifish	Whole Body	Anthracene	1	12	3	9	425.9583333	ug/kg	100	ug/kg	N	Y	0.234764746
BIST007	MB011F0704	Gulf killifish	Whole Body	Anthracene	1	12	3	9	425.9583333	ug/kg	100	ug/kg	N	Y	0.234764746
BIST007	MB011F0706	Gulf killifish	Whole Body	Anthracene	1	12	3	9	425.9583333	ug/kg	100	ug/kg	N	Y	0.234764746
BIST007	MB011F0708	Gulf killifish	Whole Body	Anthracene	1	12	3	9	425.9583333	ug/kg	100	ug/kg	N	Y	0.234764746
BIST008	MB031F0803	Gulf killifish	Whole Body	Anthracene	1	19	2	17	517.1368421	ug/kg	100	ug/kg	N	Y	0.193372415
BIST008	MB031F0804	Gulf killifish	Whole Body	Anthracene	1	19	2	17	517.1368421	ug/kg	100	ug/kg	N	Y	0.193372415
BIST008	MB031F0805	Gulf killifish	Whole Body	Anthracene	1	19	2	17	517.1368421	ug/kg	100	ug/kg	N	Y	0.193372415
BIST008	MB031F0806	Gulf killifish	Whole Body	Anthracene	1	19	2	17	517.1368421	ug/kg	100	ug/kg	N	Y	0.193372415
BIST008	MB031F0811	Gulf killifish	Whole Body	Anthracene	1	19	2	17	517.1368421	ug/kg	100	ug/kg	N	Y	0.193372415
BIST010	MB031F1001	Gulf killifish	Whole Body	Anthracene	1	19	2	17	511.3473684	ug/kg	100	ug/kg	N	Y	0.195561777
BIST010	MB031F1004	Gulf killifish	Whole Body	Anthracene	1	19	2	17	511.3473684	ug/kg	100	ug/kg	N	Y	0.195561777
BIST010	MB031F1006	Gulf killifish	Whole Body	Anthracene	1	19	2	17	511.3473684	ug/kg	100	ug/kg	N	Y	0.195561777
BIST010	MB031F1009	Gulf killifish	Whole Body	Anthracene	1	19	2	17	511.3473684	ug/kg	100	ug/kg	N	Y	0.195561777
BIST010	MB031F1013	Gulf killifish	Whole Body	Anthracene	1	19	2	17	511.3473684	ug/kg	100	ug/kg	N	Y	0.195561777
BIST011	LB011F1101	Gulf killifish	Whole Body	Anthracene	1	27	4	23	534.7777778	ug/kg	200	ug/kg	N	Y	0.373987118
BIST011	LB011F1103	Gulf killifish	Whole Body	Anthracene	1	27	4	23	534.7777778	ug/kg	200	ug/kg	N	Y	0.373987118
BIST011	LB011F1105	Gulf killifish	Whole Body	Anthracene	1	27	4	23	534.7777778	ug/kg	200	ug/kg	N	Y	0.373987118
BIST012	LB011F1201	Gulf killifish	Whole Body	Anthracene	1	30	4	26	579.9666667	ug/kg	200	ug/kg	N	Y	0.344847405
BIST012	LB011F1202	Gulf killifish	Whole Body	Anthracene	1	30	4	26	579.9666667	ug/kg	100	ug/kg	N	Y	0.172423703
BIST012	LB011F1204	Gulf killifish	Whole Body	Anthracene	1	30	4	26	579.9666667	ug/kg	20	ug/kg	N	Y	0.034484741
BIST013	LB011F1301	Gulf killifish	Whole Body	Anthracene	1	31	5	26	499.6677419	ug/kg	100	ug/kg	N	Y	0.200132992
BIST013	LB011F1302	Gulf killifish	Whole Body	Anthracene	1	31	5	26	499.6677419	ug/kg	40	ug/kg	N	Y	0.080053197
BIST013	LB011F1305	Gulf killifish	Whole Body	Anthracene	1	31	5	26	499.6677419	ug/kg	100	ug/kg	N	Y	0.200132992
BIST015	LB031F1502	Gulf killifish	Whole Body	Anthracene	1	39	5	34	3670.974359	ug/kg	100	ug/kg	N	Y	0.027240724
BIST015	LB031F1504	Gulf killifish	Whole Body	Anthracene	1	39	5	34	3670.974359	ug/kg	200	ug/kg	N	Y	0.054481448
BIST015	LB031F1506	Gulf killifish	Whole Body	Anthracene	1	39	5	34	3670.974359	ug/kg	100	ug/kg	N	Y	0.027240724
BIST016	LB031F1601	Gulf killifish	Whole Body	Anthracene	1	52	8	44	2880.705769	ug/kg	200	ug/kg	N	Y	0.069427431
BIST016	LB031F1602	Gulf killifish	Whole Body	Anthracene	1	52	8	44	2880.705769	ug/kg	20	ug/kg	N	Y	0.006942743
BIST016	LB031F1610	Gulf killifish	Whole Body	Anthracene	1	52	8	44	2880.705769	ug/kg	20	ug/kg	N	Y	0.006942743
BIST017	LB031F1702	Gulf killifish	Whole Body	Anthracene	1	19	3	16	6707.789474	ug/kg	500	ug/kg	N	Y	0.074540205
BIST017	LB031F1703	Gulf killifish	Whole Body	Anthracene	1	19	3	16	6707.789474	ug/kg	60	ug/kg	N	Y	0.008944825
BIST017	LB031F1704	Gulf killifish	Whole Body	Anthracene	1	19	3	16	6707.789474	ug/kg	40	ug/kg	N	Y	0.005963216
BIST019	LB061F1901	Gulf killifish	Whole Body	Anthracene	1	39	5	34	637.274359	ug/kg	20	ug/kg	N	Y	0.031383657
BIST019	LB061F1902	Gulf killifish	Whole Body	Anthracene	1	39	5	34	637.274359	ug/kg	200	ug/kg	N	Y	0.313836572
BIST019	LB061F1903	Gulf killifish	Whole Body	Anthracene	1	39	5	34	637.274359	ug/kg	20	ug/kg	N	Y	0.031383657
BIST024	LB131F2402	Gulf killifish	Whole Body	Anthracene	1	47	3	44	537.4191489	ug/kg	100	ug/kg	N	Y	0.186074501
BIST024	LB131F2406	Gulf killifish	Whole Body	Anthracene	1	47	3	44	537.4191489	ug/kg	200	ug/kg	N	Y	0.372149002
BIST024	LB131F2408	Gulf killifish	Whole Body	Anthracene	1	47	3	44	537.4191489	ug/kg	200	ug/kg	N	Y	0.372149002
BIST026	LB131F2601	Gulf killifish	Whole Body	Anthracene	1	42	7	35	821.9619048	ug/kg	40	ug/kg	N	Y	0.048664056
BIST025	LB131F2502	Gulf killifish	Whole Body	Anthracene	1	46	3	43	823.4065217	ug/kg	200	ug/kg	N	Y	0.242893388
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Anthracene	1	46	3	43	823.4065217	ug/kg	400	ug/kg	N	Y	0.485786777
BIST026	LB131F2604	Gulf killifish	Whole Body	Anthracene	1	42	7	35	821.9619048	ug/kg	100	ug/kg	N	Y	0.12166014
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Anthracene	1	26	4	22	523.6153846	ug/kg	200	ug/kg	N	Y	0.381959747
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Anthracene	1	26	4	22	523.6153846	ug/kg	40	ug/kg	N	Y	0.076391949
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Anthracene	1	26	4	22	523.6153846	ug/kg	200	ug/kg	N	Y	0.381959747
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Anthracene	1	25	4	21	4573.628	ug/kg	200	ug/kg	N	Y	0.043728961
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Anthracene	1	25	4	21	4573.628	ug/kg	100	ug/kg	N	Y	0.02186448
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Anthracene	1	25	4	21	4573.628	ug/kg	40	ug/kg	N	Y	0.008745792
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Anthracene	1	25	4	21	737.16	ug/kg	200	ug/kg	N	Y	0.27131152
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Anthracene	1	25	4	21	737.16	ug/kg	200	ug/kg	N	Y	0.27131152
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Anthracene	1	25	4	21	737.16	ug/kg	20	ug/kg	N	Y	0.027131152
BIST004	UB041F0401	Gulf killifish	Whole Body	Aroclor-1016	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0402	Gulf killifish	Whole Body	Aroclor-1016	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0404	Gulf killifish	Whole Body	Aroclor-1016	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0501	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	25	ug/kg	N	Y	0.736842105
BIST005	UB051F0502	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0503	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0504	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0505	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0510	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0511	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0512	Sailfin molly	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0515	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0516	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0518	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0520	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0523	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0525	Sailfin molly	Whole Body	Aroclor-1016	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST006	MB011F0605	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0607	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0615	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0616	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0624	Gulf killifish	Whole Body	Aroclor-1016	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST007	MB011F0702	Gulf killifish	Whole Body	Aroclor-1016	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0703	Gulf killifish	Whole Body	Aroclor-1016	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0704	Gulf killifish	Whole Body	Aroclor-1016	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0706	Gulf killifish	Whole Body	Aroclor-1016	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0708	Gulf killifish	Whole Body	Aroclor-1016	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST008	MB031F0803	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0804	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0805	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0806	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0811	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST010	MB031F1001	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1004	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1006	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1009	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1013	Gulf killifish	Whole Body	Aroclor-1016	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST011	LB011F1101	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1103	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1105	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST012	LB011F1201	Gulf killifish	Whole Body	Aroclor-1016	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1202	Gulf killifish	Whole Body	Aroclor-1016	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1204	Gulf killifish	Whole Body	Aroclor-1016	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST013	LB011F1301	Gulf killifish	Whole Body	Aroclor-1016	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1302	Gulf killifish	Whole Body	Aroclor-1016	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1305	Gulf killifish	Whole Body	Aroclor-1016	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST016	LB031F1601	Gulf killifish	Whole Body	Aroclor-1016	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1602	Gulf killifish	Whole Body	Aroclor-1016	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1610	Gulf killifish	Whole Body	Aroclor-1016	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST017	LB031F1702	Gulf killifish	Whole Body	Aroclor-1016	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1703	Gulf killifish	Whole Body	Aroclor-1016	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1704	Gulf killifish	Whole Body	Aroclor-1016	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST019	LB061F1901	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST019	LB061F1902	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST024	LB131F2402	Gulf killifish	Whole Body	Aroclor-1016	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2406	Gulf killifish	Whole Body	Aroclor-1016	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2408	Gulf killifish	Whole Body	Aroclor-1016	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST025	LB131F2501	Gulf killifish	Whole Body	Aroclor-1016	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2502	Gulf killifish	Whole Body	Aroclor-1016	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aroclor-1016	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aroclor-1016	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aroclor-1016	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aroclor-1016	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aroclor-1016	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aroclor-1016	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aroclor-1016	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aroclor-1016	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST004	UB041F0401	Gulf killifish	Whole Body	Aroclor-1221	1	15	0	15	65.93333333	ug/kg	5	ug/kg	N	Y	0.075834176
BIST004	UB041F0402	Gulf killifish	Whole Body	Aroclor-1221	1	15	0	15	65.93333333	ug/kg	5	ug/kg	N	Y	0.075834176
BIST004	UB041F0404	Gulf killifish	Whole Body	Aroclor-1221	1	15	0	15	65.93333333	ug/kg	5	ug/kg	N	Y	0.075834176
BIST005	UB051F0501	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	25	ug/kg	N	Y	0.364393545
BIST005	UB051F0502	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0503	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0504	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0505	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0510	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	5	ug/kg	N	Y	0.072878709
BIST005	UB051F0511	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	5	ug/kg	N	Y	0.072878709
BIST005	UB051F0512	Sailfin molly	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0515	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	5	ug/kg	N	Y	0.072878709
BIST005	UB051F0516	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	5	ug/kg	N	Y	0.072878709
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0518	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	5	ug/kg	N	Y	0.072878709
BIST005	UB051F0520	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	5	ug/kg	N	Y	0.072878709
BIST005	UB051F0523	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST005	UB051F0525	Sailfin molly	Whole Body	Aroclor-1221	1	14	0	14	68.60714286	ug/kg	16.5	ug/kg	N	Y	0.24049974
BIST006	MB011F0605	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	73.25	ug/kg	5	ug/kg	N	Y	0.068259386
BIST006	MB011F0607	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	73.25	ug/kg	5	ug/kg	N	Y	0.068259386
BIST006	MB011F0615	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	73.25	ug/kg	5	ug/kg	N	Y	0.068259386
BIST006	MB011F0616	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	73.25	ug/kg	5	ug/kg	N	Y	0.068259386
BIST006	MB011F0624	Gulf killifish	Whole Body	Aroclor-1221	1	14	0	14	73.25	ug/kg	5	ug/kg	N	Y	0.068259386
BIST007	MB011F0702	Gulf killifish	Whole Body	Aroclor-1221	1	12	0	12	59.75	ug/kg	5	ug/kg	N	Y	0.083682008
BIST007	MB011F0703	Gulf killifish	Whole Body	Aroclor-1221	1	12	0	12	59.75	ug/kg	5	ug/kg	N	Y	0.083682008
BIST007	MB011F0704	Gulf killifish	Whole Body	Aroclor-1221	1	12	0	12	59.75	ug/kg	5	ug/kg	N	Y	0.083682008
BIST007	MB011F0706	Gulf killifish	Whole Body	Aroclor-1221	1	12	0	12	59.75	ug/kg	5	ug/kg	N	Y	0.083682008
BIST007	MB011F0708	Gulf killifish	Whole Body	Aroclor-1221	1	12	0	12	59.75	ug/kg	5	ug/kg	N	Y	0.083682008
BIST008	MB031F0803	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	85.15	ug/kg	5	ug/kg	N	Y	0.058719906
BIST008	MB031F0804	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	85.15	ug/kg	5	ug/kg	N	Y	0.058719906
BIST008	MB031F0805	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	85.15	ug/kg	5	ug/kg	N	Y	0.058719906
BIST008	MB031F0806	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	85.15	ug/kg	5	ug/kg	N	Y	0.058719906
BIST008	MB031F0811	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	85.15	ug/kg	5	ug/kg	N	Y	0.058719906
BIST010	MB031F1001	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	84.65	ug/kg	5	ug/kg	N	Y	0.059066745
BIST010	MB031F1004	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	84.65	ug/kg	5	ug/kg	N	Y	0.059066745
BIST010	MB031F1006	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	84.65	ug/kg	5	ug/kg	N	Y	0.059066745
BIST010	MB031F1009	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	84.65	ug/kg	5	ug/kg	N	Y	0.059066745

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST010	MB031F1013	Gulf killifish	Whole Body	Aroclor-1221	1	20	0	20	84.65	ug/kg	5	ug/kg	N	Y	0.059066745
BIST011	LB011F1101	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	119.8461538	ug/kg	5	ug/kg	N	Y	0.041720154
BIST011	LB011F1103	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	119.8461538	ug/kg	5	ug/kg	N	Y	0.041720154
BIST011	LB011F1105	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	119.8461538	ug/kg	5	ug/kg	N	Y	0.041720154
BIST012	LB011F1201	Gulf killifish	Whole Body	Aroclor-1221	1	29	0	29	129.5344828	ug/kg	5	ug/kg	N	Y	0.03859976
BIST012	LB011F1202	Gulf killifish	Whole Body	Aroclor-1221	1	29	0	29	129.5344828	ug/kg	5	ug/kg	N	Y	0.03859976
BIST012	LB011F1204	Gulf killifish	Whole Body	Aroclor-1221	1	29	0	29	129.5344828	ug/kg	5	ug/kg	N	Y	0.03859976
BIST013	LB011F1301	Gulf killifish	Whole Body	Aroclor-1221	1	29	0	29	127.8793103	ug/kg	5	ug/kg	N	Y	0.039099366
BIST013	LB011F1302	Gulf killifish	Whole Body	Aroclor-1221	1	29	0	29	127.8793103	ug/kg	5	ug/kg	N	Y	0.039099366
BIST013	LB011F1305	Gulf killifish	Whole Body	Aroclor-1221	1	29	0	29	127.8793103	ug/kg	5	ug/kg	N	Y	0.039099366
BIST016	LB031F1601	Gulf killifish	Whole Body	Aroclor-1221	1	35	0	35	267.8285714	ug/kg	5	ug/kg	N	Y	0.018668658
BIST016	LB031F1602	Gulf killifish	Whole Body	Aroclor-1221	1	35	0	35	267.8285714	ug/kg	5	ug/kg	N	Y	0.018668658
BIST016	LB031F1610	Gulf killifish	Whole Body	Aroclor-1221	1	35	0	35	267.8285714	ug/kg	5	ug/kg	N	Y	0.018668658
BIST017	LB031F1702	Gulf killifish	Whole Body	Aroclor-1221	1	11	0	11	421.1363636	ug/kg	5	ug/kg	N	Y	0.011872639
BIST017	LB031F1703	Gulf killifish	Whole Body	Aroclor-1221	1	11	0	11	421.1363636	ug/kg	5	ug/kg	N	Y	0.011872639
BIST017	LB031F1704	Gulf killifish	Whole Body	Aroclor-1221	1	11	0	11	421.1363636	ug/kg	5	ug/kg	N	Y	0.011872639
BIST019	LB061F1901	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	179.6730769	ug/kg	5	ug/kg	N	Y	0.027828321
BIST019	LB061F1902	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	179.6730769	ug/kg	5	ug/kg	N	Y	0.027828321
BIST019	LB061F1903	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	179.6730769	ug/kg	5	ug/kg	N	Y	0.027828321
BIST024	LB131F2402	Gulf killifish	Whole Body	Aroclor-1221	1	32	0	32	155.109375	ug/kg	5	ug/kg	N	Y	0.032235318
BIST024	LB131F2406	Gulf killifish	Whole Body	Aroclor-1221	1	32	0	32	155.109375	ug/kg	5	ug/kg	N	Y	0.032235318
BIST024	LB131F2408	Gulf killifish	Whole Body	Aroclor-1221	1	32	0	32	155.109375	ug/kg	5	ug/kg	N	Y	0.032235318
BIST025	LB131F2501	Gulf killifish	Whole Body	Aroclor-1221	1	33	0	33	166.9393939	ug/kg	5	ug/kg	N	Y	0.029950989
BIST025	LB131F2502	Gulf killifish	Whole Body	Aroclor-1221	1	33	0	33	166.9393939	ug/kg	5	ug/kg	N	Y	0.029950989
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aroclor-1221	1	33	0	33	166.9393939	ug/kg	5	ug/kg	N	Y	0.029950989
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	131.4038462	ug/kg	5	ug/kg	N	Y	0.038050637
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aroclor-1221	1	26	0	26	131.4038462	ug/kg	5	ug/kg	N	Y	0.038050637
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aroclor-1221	1	22	0	22	119.9090909	ug/kg	5	ug/kg	N	Y	0.041698256
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aroclor-1221	1	22	0	22	119.9090909	ug/kg	5	ug/kg	N	Y	0.041698256
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aroclor-1221	1	22	0	22	119.9090909	ug/kg	5	ug/kg	N	Y	0.041698256
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aroclor-1221	1	25	0	25	132.38	ug/kg	5	ug/kg	N	Y	0.037770056
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aroclor-1221	1	25	0	25	132.38	ug/kg	5	ug/kg	N	Y	0.037770056
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aroclor-1221	1	25	0	25	132.38	ug/kg	5	ug/kg	N	Y	0.037770056
BIST004	UB041F0401	Gulf killifish	Whole Body	Aroclor-1232	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0402	Gulf killifish	Whole Body	Aroclor-1232	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0404	Gulf killifish	Whole Body	Aroclor-1232	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST005	UB051F0501	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	25	ug/kg	N	Y	0.736842105
BIST005	UB051F0502	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0503	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0504	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0505	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0510	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0511	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0512	Sailfin molly	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0515	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0516	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0518	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0520	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0523	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0525	Sailfin molly	Whole Body	Aroclor-1232	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST006	MB011F0605	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB011F0607	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0615	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0616	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0624	Gulf killifish	Whole Body	Aroclor-1232	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST007	MB011F0702	Gulf killifish	Whole Body	Aroclor-1232	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0703	Gulf killifish	Whole Body	Aroclor-1232	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0704	Gulf killifish	Whole Body	Aroclor-1232	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0706	Gulf killifish	Whole Body	Aroclor-1232	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0708	Gulf killifish	Whole Body	Aroclor-1232	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST008	MB031F0803	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0804	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0805	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0806	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0811	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST010	MB031F1001	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1004	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1006	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1009	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1013	Gulf killifish	Whole Body	Aroclor-1232	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST011	LB011F1101	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1103	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1105	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST012	LB011F1201	Gulf killifish	Whole Body	Aroclor-1232	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1202	Gulf killifish	Whole Body	Aroclor-1232	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1204	Gulf killifish	Whole Body	Aroclor-1232	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST013	LB011F1301	Gulf killifish	Whole Body	Aroclor-1232	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1302	Gulf killifish	Whole Body	Aroclor-1232	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1305	Gulf killifish	Whole Body	Aroclor-1232	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST016	LB031F1601	Gulf killifish	Whole Body	Aroclor-1232	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1602	Gulf killifish	Whole Body	Aroclor-1232	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1610	Gulf killifish	Whole Body	Aroclor-1232	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST017	LB031F1702	Gulf killifish	Whole Body	Aroclor-1232	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1703	Gulf killifish	Whole Body	Aroclor-1232	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1704	Gulf killifish	Whole Body	Aroclor-1232	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST019	LB061F1901	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST019	LB061F1902	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST019	LB061F1903	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST024	LB131F2402	Gulf killifish	Whole Body	Aroclor-1232	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2406	Gulf killifish	Whole Body	Aroclor-1232	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2408	Gulf killifish	Whole Body	Aroclor-1232	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST025	LB131F2501	Gulf killifish	Whole Body	Aroclor-1232	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2502	Gulf killifish	Whole Body	Aroclor-1232	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aroclor-1232	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aroclor-1232	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aroclor-1232	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aroclor-1232	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aroclor-1232	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aroclor-1232	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aroclor-1232	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aroclor-1232	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST004	UB041F0401	Gulf killifish	Whole Body	Aroclor-1242	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0402	Gulf killifish	Whole Body	Aroclor-1242	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0404	Gulf killifish	Whole Body	Aroclor-1242	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0501	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	25	ug/kg	N	Y	0.736842105
BIST005	UB051F0502	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0503	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0504	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0505	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0510	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0511	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0512	Sailfin molly	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0515	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0516	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0518	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0520	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0523	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0525	Sailfin molly	Whole Body	Aroclor-1242	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST006	MB011F0605	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0607	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0615	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0616	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0624	Gulf killifish	Whole Body	Aroclor-1242	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST007	MB011F0702	Gulf killifish	Whole Body	Aroclor-1242	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0703	Gulf killifish	Whole Body	Aroclor-1242	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0704	Gulf killifish	Whole Body	Aroclor-1242	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0706	Gulf killifish	Whole Body	Aroclor-1242	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0708	Gulf killifish	Whole Body	Aroclor-1242	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST008	MB031F0803	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0804	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0805	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0806	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0811	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST010	MB031F1001	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1004	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1006	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1009	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1013	Gulf killifish	Whole Body	Aroclor-1242	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST011	LB011F1101	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1103	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1105	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST012	LB011F1201	Gulf killifish	Whole Body	Aroclor-1242	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1202	Gulf killifish	Whole Body	Aroclor-1242	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1204	Gulf killifish	Whole Body	Aroclor-1242	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST013	LB011F1301	Gulf killifish	Whole Body	Aroclor-1242	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1302	Gulf killifish	Whole Body	Aroclor-1242	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1305	Gulf killifish	Whole Body	Aroclor-1242	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST016	LB031F1601	Gulf killifish	Whole Body	Aroclor-1242	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1602	Gulf killifish	Whole Body	Aroclor-1242	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1610	Gulf killifish	Whole Body	Aroclor-1242	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST017	LB031F1702	Gulf killifish	Whole Body	Aroclor-1242	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1703	Gulf killifish	Whole Body	Aroclor-1242	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1704	Gulf killifish	Whole Body	Aroclor-1242	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST019	LB061F1901	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST019	LB061F1902	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST024	LB131F2402	Gulf killifish	Whole Body	Aroclor-1242	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2406	Gulf killifish	Whole Body	Aroclor-1242	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2408	Gulf killifish	Whole Body	Aroclor-1242	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST025	LB131F2501	Gulf killifish	Whole Body	Aroclor-1242	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2502	Gulf killifish	Whole Body	Aroclor-1242	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aroclor-1242	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aroclor-1242	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aroclor-1242	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aroclor-1242	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aroclor-1242	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aroclor-1242	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aroclor-1242	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aroclor-1242	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST004	UB041F0401	Gulf killifish	Whole Body	Aroclor-1248	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0402	Gulf killifish	Whole Body	Aroclor-1248	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST004	UB041F0404	Gulf killifish	Whole Body	Aroclor-1248	1	15	0	15	32.7	ug/kg	5	ug/kg	N	Y	0.152905199
BIST005	UB051F0501	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	25	ug/kg	N	Y	0.736842105
BIST005	UB051F0502	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0503	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0504	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0505	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0510	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0511	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0512	Sailfin molly	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0515	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0516	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0518	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0520	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	5	ug/kg	N	Y	0.147368421
BIST005	UB051F0523	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST005	UB051F0525	Sailfin molly	Whole Body	Aroclor-1248	1	14	0	14	33.92857143	ug/kg	16.5	ug/kg	N	Y	0.486315789
BIST006	MB011F0605	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0607	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0615	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0616	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST006	MB011F0624	Gulf killifish	Whole Body	Aroclor-1248	1	14	0	14	36.35714286	ug/kg	5	ug/kg	N	Y	0.137524558
BIST007	MB011F0702	Gulf killifish	Whole Body	Aroclor-1248	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0703	Gulf killifish	Whole Body	Aroclor-1248	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0704	Gulf killifish	Whole Body	Aroclor-1248	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0706	Gulf killifish	Whole Body	Aroclor-1248	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST007	MB011F0708	Gulf killifish	Whole Body	Aroclor-1248	1	12	0	12	29.875	ug/kg	5	ug/kg	N	Y	0.167364017
BIST008	MB031F0803	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0804	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0805	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0806	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0811	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST010	MB031F1001	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1004	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1006	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1009	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST010	MB031F1013	Gulf killifish	Whole Body	Aroclor-1248	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST011	LB011F1101	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1103	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST011	LB011F1105	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	62.84615385	ug/kg	5	ug/kg	N	Y	0.079559364
BIST012	LB011F1201	Gulf killifish	Whole Body	Aroclor-1248	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1202	Gulf killifish	Whole Body	Aroclor-1248	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST012	LB011F1204	Gulf killifish	Whole Body	Aroclor-1248	1	29	0	29	67.86206897	ug/kg	5	ug/kg	N	Y	0.073678862
BIST013	LB011F1301	Gulf killifish	Whole Body	Aroclor-1248	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1302	Gulf killifish	Whole Body	Aroclor-1248	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST013	LB011F1305	Gulf killifish	Whole Body	Aroclor-1248	1	29	0	29	67.27586207	ug/kg	5	ug/kg	N	Y	0.074320861
BIST016	LB031F1601	Gulf killifish	Whole Body	Aroclor-1248	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1602	Gulf killifish	Whole Body	Aroclor-1248	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST016	LB031F1610	Gulf killifish	Whole Body	Aroclor-1248	1	35	0	35	135.7285714	ug/kg	5	ug/kg	N	Y	0.036838228
BIST017	LB031F1702	Gulf killifish	Whole Body	Aroclor-1248	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1703	Gulf killifish	Whole Body	Aroclor-1248	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1704	Gulf killifish	Whole Body	Aroclor-1248	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST019	LB061F1901	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST019	LB061F1902	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST019	LB061F1903	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	90.34615385	ug/kg	5	ug/kg	N	Y	0.055342699
BIST024	LB131F2402	Gulf killifish	Whole Body	Aroclor-1248	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2406	Gulf killifish	Whole Body	Aroclor-1248	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST024	LB131F2408	Gulf killifish	Whole Body	Aroclor-1248	1	32	0	32	78.5625	ug/kg	5	ug/kg	N	Y	0.063643596
BIST025	LB131F2501	Gulf killifish	Whole Body	Aroclor-1248	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2502	Gulf killifish	Whole Body	Aroclor-1248	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aroclor-1248	1	33	0	33	84.66666667	ug/kg	5	ug/kg	N	Y	0.059055118
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aroclor-1248	1	26	0	26	69.26923077	ug/kg	5	ug/kg	N	Y	0.072182121
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aroclor-1248	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aroclor-1248	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aroclor-1248	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aroclor-1248	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aroclor-1248	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aroclor-1248	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST004	UB041F0401	Gulf killifish	Whole Body	Aroclor-1254	1	15	12	3	2632.966667	ug/kg	67	ug/kg	Y	Y	0.025446581
BIST004	UB041F0402	Gulf killifish	Whole Body	Aroclor-1254	1	15	12	3	2632.966667	ug/kg	49	ug/kg	Y	Y	0.018610186
BIST004	UB041F0404	Gulf killifish	Whole Body	Aroclor-1254	1	15	12	3	2632.966667	ug/kg	52	ug/kg	Y	Y	0.019749585
BIST005	UB051F0501	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	550	ug/kg	Y	Y	0.197979071
BIST005	UB051F0502	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	290	ug/kg	Y	Y	0.104388965
BIST005	UB051F0503	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	820	ug/kg	Y	Y	0.295168796
BIST005	UB051F0504	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	510	ug/kg	Y	Y	0.183580593
BIST005	UB051F0505	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	370	ug/kg	Y	Y	0.13318592
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	370	ug/kg	Y	Y	0.13318592
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	290	ug/kg	Y	Y	0.104388965
BIST005	UB051F0510	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	160	ug/kg	Y	Y	0.057593912
BIST005	UB051F0511	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	77	ug/kg	Y	Y	0.02771707
BIST005	UB051F0512	Sailfin molly	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	400	ug/kg	Y	Y	0.143984779
BIST005	UB051F0515	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	150	ug/kg	Y	Y	0.053994292
BIST005	UB051F0516	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	160	ug/kg	Y	Y	0.057593912
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	650	ug/kg	Y	Y	0.233975265
BIST005	UB051F0518	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	150	ug/kg	Y	Y	0.053994292
BIST005	UB051F0520	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	90	ug/kg	Y	Y	0.032396575
BIST005	UB051F0523	Gulf killifish	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	230	ug/kg	Y	Y	0.082791248
BIST005	UB051F0525	Sailfin molly	Whole Body	Aroclor-1254	1	14	12	2	2778.071429	ug/kg	820	ug/kg	Y	Y	0.295168796
BIST006	MB011F0605	Gulf killifish	Whole Body	Aroclor-1254	1	15	13	2	175.8666667	ug/kg	80	ug/kg	Y	Y	0.454890068

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB011F0607	Gulf killifish	Whole Body	Aroclor-1254	1	15	13	2	175.8666667	ug/kg	110	ug/kg	Y	Y	0.625473844
BIST006	MB011F0615	Gulf killifish	Whole Body	Aroclor-1254	1	15	13	2	175.8666667	ug/kg	140	ug/kg	Y	Y	0.796057619
BIST006	MB011F0616	Gulf killifish	Whole Body	Aroclor-1254	1	15	13	2	175.8666667	ug/kg	76	ug/kg	Y	Y	0.432145565
BIST006	MB011F0624	Gulf killifish	Whole Body	Aroclor-1254	1	15	13	2	175.8666667	ug/kg	96	ug/kg	Y	Y	0.545868082
BIST007	MB011F0702	Gulf killifish	Whole Body	Aroclor-1254	1	12	11	1	102.0416667	ug/kg	66	ug/kg	Y	Y	0.64679461
BIST007	MB011F0703	Gulf killifish	Whole Body	Aroclor-1254	1	12	11	1	102.0416667	ug/kg	66	ug/kg	Y	Y	0.64679461
BIST007	MB011F0704	Gulf killifish	Whole Body	Aroclor-1254	1	12	11	1	102.0416667	ug/kg	77	ug/kg	Y	Y	0.754593712
BIST007	MB011F0706	Gulf killifish	Whole Body	Aroclor-1254	1	12	11	1	102.0416667	ug/kg	83	ug/kg	Y	Y	0.813393222
BIST007	MB011F0708	Gulf killifish	Whole Body	Aroclor-1254	1	12	11	1	102.0416667	ug/kg	42	ug/kg	Y	Y	0.41159657
BIST008	MB031F0803	Gulf killifish	Whole Body	Aroclor-1254	1	20	15	5	209.375	ug/kg	49	ug/kg	Y	Y	0.234029851
BIST008	MB031F0804	Gulf killifish	Whole Body	Aroclor-1254	1	20	15	5	209.375	ug/kg	72	ug/kg	Y	Y	0.343880597
BIST008	MB031F0805	Gulf killifish	Whole Body	Aroclor-1254	1	20	15	5	209.375	ug/kg	48	ug/kg	Y	Y	0.229253731
BIST008	MB031F0806	Gulf killifish	Whole Body	Aroclor-1254	1	20	15	5	209.375	ug/kg	50	ug/kg	Y	Y	0.23880597
BIST008	MB031F0811	Gulf killifish	Whole Body	Aroclor-1254	1	20	15	5	209.375	ug/kg	21	ug/kg	Y	Y	0.100298507
BIST010	MB031F1001	Gulf killifish	Whole Body	Aroclor-1254	1	20	14	6	205.1	ug/kg	79	ug/kg	Y	Y	0.385177962
BIST010	MB031F1004	Gulf killifish	Whole Body	Aroclor-1254	1	20	14	6	205.1	ug/kg	47	ug/kg	Y	Y	0.229156509
BIST010	MB031F1006	Gulf killifish	Whole Body	Aroclor-1254	1	20	14	6	205.1	ug/kg	60	ug/kg	Y	Y	0.292540224
BIST010	MB031F1009	Gulf killifish	Whole Body	Aroclor-1254	1	20	14	6	205.1	ug/kg	40	ug/kg	Y	Y	0.195026816
BIST010	MB031F1013	Gulf killifish	Whole Body	Aroclor-1254	1	20	14	6	205.1	ug/kg	39	ug/kg	Y	Y	0.190151146
BIST011	LB011F1101	Gulf killifish	Whole Body	Aroclor-1254	1	27	10	17	82.53703704	ug/kg	48	ug/kg	Y	Y	0.581557101
BIST011	LB011F1103	Gulf killifish	Whole Body	Aroclor-1254	1	27	10	17	82.53703704	ug/kg	51	ug/kg	Y	Y	0.61790442
BIST011	LB011F1105	Gulf killifish	Whole Body	Aroclor-1254	1	27	10	17	82.53703704	ug/kg	56	ug/kg	Y	Y	0.678483285
BIST012	LB011F1201	Gulf killifish	Whole Body	Aroclor-1254	1	30	9	21	83.98333333	ug/kg	54	ug/kg	Y	Y	0.642984719
BIST012	LB011F1202	Gulf killifish	Whole Body	Aroclor-1254	1	30	9	21	83.98333333	ug/kg	84	ug/kg	Y	Y	1.000198452
BIST012	LB011F1204	Gulf killifish	Whole Body	Aroclor-1254	1	30	9	21	83.98333333	ug/kg	55	ug/kg	Y	Y	0.654891844
BIST013	LB011F1301	Gulf killifish	Whole Body	Aroclor-1254	1	30	9	21	79.48333333	ug/kg	69	ug/kg	Y	Y	0.868106521
BIST013	LB011F1302	Gulf killifish	Whole Body	Aroclor-1254	1	30	9	21	79.48333333	ug/kg	70	ug/kg	Y	Y	0.880687775
BIST013	LB011F1305	Gulf killifish	Whole Body	Aroclor-1254	1	30	9	21	79.48333333	ug/kg	49	ug/kg	Y	Y	0.616481443
BIST015	LB031F1502	Gulf killifish	Whole Body	Aroclor-1254	1	24	3	21	151.125	ug/kg	120	ug/kg	Y	Y	0.794044665
BIST015	LB031F1504	Gulf killifish	Whole Body	Aroclor-1254	1	24	3	21	151.125	ug/kg	180	ug/kg	Y	Y	1.191066998
BIST015	LB031F1506	Gulf killifish	Whole Body	Aroclor-1254	1	24	3	21	151.125	ug/kg	93	ug/kg	Y	Y	0.615384615
BIST016	LB031F1601	Gulf killifish	Whole Body	Aroclor-1254	1	35	4	31	156.1285714	ug/kg	58	ug/kg	Y	Y	0.3714887
BIST016	LB031F1602	Gulf killifish	Whole Body	Aroclor-1254	1	35	4	31	156.1285714	ug/kg	5	ug/kg	N	Y	0.032024888
BIST016	LB031F1610	Gulf killifish	Whole Body	Aroclor-1254	1	35	4	31	156.1285714	ug/kg	5	ug/kg	N	Y	0.032024888
BIST017	LB031F1702	Gulf killifish	Whole Body	Aroclor-1254	1	11	1	10	218.6363636	ug/kg	5	ug/kg	N	Y	0.022869023
BIST017	LB031F1703	Gulf killifish	Whole Body	Aroclor-1254	1	11	1	10	218.6363636	ug/kg	68	ug/kg	Y	Y	0.311018711
BIST017	LB031F1704	Gulf killifish	Whole Body	Aroclor-1254	1	11	1	10	218.6363636	ug/kg	5	ug/kg	N	Y	0.022869023
BIST019	LB061F1901	Gulf killifish	Whole Body	Aroclor-1254	1	26	5	21	117.7115385	ug/kg	5	ug/kg	N	Y	0.042476719
BIST019	LB061F1902	Gulf killifish	Whole Body	Aroclor-1254	1	26	5	21	117.7115385	ug/kg	72	ug/kg	Y	Y	0.611664761
BIST019	LB061F1903	Gulf killifish	Whole Body	Aroclor-1254	1	26	5	21	117.7115385	ug/kg	5	ug/kg	N	Y	0.042476719
BIST024	LB131F2402	Gulf killifish	Whole Body	Aroclor-1254	1	32	11	21	103.921875	ug/kg	97	ug/kg	Y	Y	0.933393475
BIST024	LB131F2406	Gulf killifish	Whole Body	Aroclor-1254	1	32	11	21	103.921875	ug/kg	56	ug/kg	Y	Y	0.538866336
BIST024	LB131F2408	Gulf killifish	Whole Body	Aroclor-1254	1	32	11	21	103.921875	ug/kg	140	ug/kg	Y	Y	1.34716584
BIST026	LB131F2601	Gulf killifish	Whole Body	Aroclor-1254	1	34	6	28	92.60294118	ug/kg	120	ug/kg	Y	Y	1.295855169
BIST025	LB131F2501	Gulf killifish	Whole Body	Aroclor-1254	1	33	9	24	110.8787879	ug/kg	63	ug/kg	Y	Y	0.56818803
BIST025	LB131F2502	Gulf killifish	Whole Body	Aroclor-1254	1	33	9	24	110.8787879	ug/kg	56	ug/kg	Y	Y	0.505056026
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aroclor-1254	1	33	9	24	110.8787879	ug/kg	220	ug/kg	Y	Y	1.984148675
BIST026	LB131F2604	Gulf killifish	Whole Body	Aroclor-1254	1	34	6	28	92.60294118	ug/kg	12	ug/kg	Y	Y	0.129585517
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aroclor-1254	1	27	8	19	83.24074074	ug/kg	120	ug/kg	Y	Y	1.44160178
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aroclor-1254	1	27	8	19	83.24074074	ug/kg	36	ug/kg	Y	Y	0.432480534
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Aroclor-1254	1	27	8	19	83.24074074	ug/kg	91	ug/kg	Y	Y	1.093214683
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aroclor-1254	1	22	5	17	73.47727273	ug/kg	5	ug/kg	N	Y	0.068048252
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aroclor-1254	1	22	5	17	73.47727273	ug/kg	38	ug/kg	Y	Y	0.517166718
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aroclor-1254	1	22	5	17	73.47727273	ug/kg	5	ug/kg	N	Y	0.068048252

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								Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aroclor-1254	1	25	6	19	78.56	ug/kg	5	ug/kg	N	Y	0.063645621
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aroclor-1254	1	25	6	19	78.56	ug/kg	160	ug/kg	Y	Y	2.036659878
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aroclor-1254	1	25	6	19	78.56	ug/kg	5	ug/kg	N	Y	0.063645621
BIST004	UB041F0401	Gulf killifish	Whole Body	Aroclor-1260	1	15	1	14	37.26666667	ug/kg	5	ug/kg	N	Y	0.134168157
BIST004	UB041F0402	Gulf killifish	Whole Body	Aroclor-1260	1	15	1	14	37.26666667	ug/kg	5	ug/kg	N	Y	0.134168157
BIST004	UB041F0404	Gulf killifish	Whole Body	Aroclor-1260	1	15	1	14	37.26666667	ug/kg	5	ug/kg	N	Y	0.134168157
BIST005	UB051F0501	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	25	ug/kg	N	Y	0.690335306
BIST005	UB051F0502	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0503	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0504	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0505	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0508	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0509	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0510	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	5	ug/kg	N	Y	0.138067061
BIST005	UB051F0511	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	5	ug/kg	N	Y	0.138067061
BIST005	UB051F0512	Sailfin molly	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0515	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	5	ug/kg	N	Y	0.138067061
BIST005	UB051F0516	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	5	ug/kg	N	Y	0.138067061
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0518	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	5	ug/kg	N	Y	0.138067061
BIST005	UB051F0520	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	5	ug/kg	N	Y	0.138067061
BIST005	UB051F0523	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST005	UB051F0525	Sailfin molly	Whole Body	Aroclor-1260	1	14	1	13	36.21428571	ug/kg	16.5	ug/kg	N	Y	0.455621302
BIST006	MB011F0605	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	38.64285714	ug/kg	5	ug/kg	N	Y	0.129390018
BIST006	MB011F0607	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	38.64285714	ug/kg	38	ug/kg	Y	Y	0.98336414
BIST006	MB011F0615	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	38.64285714	ug/kg	54	ug/kg	Y	Y	1.3974122
BIST006	MB011F0616	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	38.64285714	ug/kg	5	ug/kg	N	Y	0.129390018
BIST006	MB011F0624	Gulf killifish	Whole Body	Aroclor-1260	1	14	1	13	38.64285714	ug/kg	5	ug/kg	N	Y	0.129390018
BIST007	MB011F0702	Gulf killifish	Whole Body	Aroclor-1260	1	12	1	11	32.54166667	ug/kg	5	ug/kg	N	Y	0.153649168
BIST007	MB011F0703	Gulf killifish	Whole Body	Aroclor-1260	1	12	1	11	32.54166667	ug/kg	5	ug/kg	N	Y	0.153649168
BIST007	MB011F0704	Gulf killifish	Whole Body	Aroclor-1260	1	12	1	11	32.54166667	ug/kg	5	ug/kg	N	Y	0.153649168
BIST007	MB011F0706	Gulf killifish	Whole Body	Aroclor-1260	1	12	1	11	32.54166667	ug/kg	5	ug/kg	N	Y	0.153649168
BIST007	MB011F0708	Gulf killifish	Whole Body	Aroclor-1260	1	12	1	11	32.54166667	ug/kg	5	ug/kg	N	Y	0.153649168
BIST008	MB031F0803	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0804	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0805	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0806	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST008	MB031F0811	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.775	ug/kg	5	ug/kg	N	Y	0.114220445
BIST010	MB031F1001	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1004	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1006	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1009	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST010	MB031F1013	Gulf killifish	Whole Body	Aroclor-1260	1	20	0	20	43.55	ug/kg	5	ug/kg	N	Y	0.114810563
BIST011	LB011F1101	Gulf killifish	Whole Body	Aroclor-1260	1	26	0	26	62.84615385	ug/kg	23	ug/kg	Y	Y	0.365973072
BIST011	LB011F1103	Gulf killifish	Whole Body	Aroclor-1260	1	26	0	26	62.84615385	ug/kg	22	ug/kg	Y	Y	0.3500612
BIST011	LB011F1105	Gulf killifish	Whole Body	Aroclor-1260	1	26	0	26	62.84615385	ug/kg	24	ug/kg	Y	Y	0.381884945
BIST012	LB011F1201	Gulf killifish	Whole Body	Aroclor-1260	1	29	0	29	67.86206897	ug/kg	23	ug/kg	Y	Y	0.338922764
BIST012	LB011F1202	Gulf killifish	Whole Body	Aroclor-1260	1	29	0	29	67.86206897	ug/kg	29	ug/kg	Y	Y	0.427337398
BIST012	LB011F1204	Gulf killifish	Whole Body	Aroclor-1260	1	29	0	29	67.86206897	ug/kg	22	ug/kg	Y	Y	0.324186992
BIST013	LB011F1301	Gulf killifish	Whole Body	Aroclor-1260	1	29	0	29	67.27586207	ug/kg	31	ug/kg	Y	Y	0.460789339
BIST013	LB011F1302	Gulf killifish	Whole Body	Aroclor-1260	1	29	0	29	67.27586207	ug/kg	25	ug/kg	Y	Y	0.371604305
BIST013	LB011F1305	Gulf killifish	Whole Body	Aroclor-1260	1	29	0	29	67.27586207	ug/kg	26	ug/kg	Y	Y	0.386468478
BIST015	LB031F1502	Gulf killifish	Whole Body	Aroclor-1260	1	24	0	24	144.25	ug/kg	40	ug/kg	Y	Y	0.27729636
BIST015	LB031F1504	Gulf killifish	Whole Body	Aroclor-1260	1	24	0	24	144.25	ug/kg	57	ug/kg	Y	Y	0.395147314

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB031F1506	Gulf killifish	Whole Body	Aroclor-1260	1	24	0	24	144.25	ug/kg	26	ug/kg	Y	Y	0.180242634
BIST016	LB031F1601	Gulf killifish	Whole Body	Aroclor-1260	1	35	1	34	137.1142857	ug/kg	26	ug/kg	Y	Y	0.189622838
BIST016	LB031F1602	Gulf killifish	Whole Body	Aroclor-1260	1	35	1	34	137.1142857	ug/kg	5	ug/kg	N	Y	0.03646593
BIST016	LB031F1610	Gulf killifish	Whole Body	Aroclor-1260	1	35	1	34	137.1142857	ug/kg	5	ug/kg	N	Y	0.03646593
BIST017	LB031F1702	Gulf killifish	Whole Body	Aroclor-1260	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST017	LB031F1703	Gulf killifish	Whole Body	Aroclor-1260	1	11	0	11	215	ug/kg	27	ug/kg	Y	Y	0.125581395
BIST017	LB031F1704	Gulf killifish	Whole Body	Aroclor-1260	1	11	0	11	215	ug/kg	5	ug/kg	N	Y	0.023255814
BIST019	LB061F1901	Gulf killifish	Whole Body	Aroclor-1260	1	26	2	24	95.71153846	ug/kg	5	ug/kg	N	Y	0.052240305
BIST019	LB061F1902	Gulf killifish	Whole Body	Aroclor-1260	1	26	2	24	95.71153846	ug/kg	29	ug/kg	Y	Y	0.302993771
BIST019	LB061F1903	Gulf killifish	Whole Body	Aroclor-1260	1	26	2	24	95.71153846	ug/kg	5	ug/kg	N	Y	0.052240305
BIST024	LB131F2402	Gulf killifish	Whole Body	Aroclor-1260	1	32	1	31	80.078125	ug/kg	28	ug/kg	Y	Y	0.349658537
BIST024	LB131F2406	Gulf killifish	Whole Body	Aroclor-1260	1	32	1	31	80.078125	ug/kg	18	ug/kg	Y	Y	0.224780488
BIST024	LB131F2408	Gulf killifish	Whole Body	Aroclor-1260	1	32	1	31	80.078125	ug/kg	39	ug/kg	Y	Y	0.48702439
BIST026	LB131F2601	Gulf killifish	Whole Body	Aroclor-1260	1	34	1	33	68.73529412	ug/kg	36	ug/kg	Y	Y	0.523748395
BIST025	LB131F2501	Gulf killifish	Whole Body	Aroclor-1260	1	33	1	32	86.13636364	ug/kg	25	ug/kg	Y	Y	0.290237467
BIST025	LB131F2502	Gulf killifish	Whole Body	Aroclor-1260	1	33	1	32	86.13636364	ug/kg	23	ug/kg	Y	Y	0.26701847
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Aroclor-1260	1	33	1	32	86.13636364	ug/kg	90	ug/kg	Y	Y	1.044854881
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Aroclor-1260	1	26	0	26	69.26923077	ug/kg	47	ug/kg	Y	Y	0.678511938
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Aroclor-1260	1	26	0	26	69.26923077	ug/kg	12	ug/kg	Y	Y	0.173237091
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Aroclor-1260	1	26	0	26	69.26923077	ug/kg	31	ug/kg	Y	Y	0.44752915
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Aroclor-1260	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Aroclor-1260	1	22	0	22	64.47727273	ug/kg	20	ug/kg	Y	Y	0.310186817
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Aroclor-1260	1	22	0	22	64.47727273	ug/kg	5	ug/kg	N	Y	0.077546704
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Aroclor-1260	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Aroclor-1260	1	25	0	25	69.76	ug/kg	61	ug/kg	Y	Y	0.874426606
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Aroclor-1260	1	25	0	25	69.76	ug/kg	5	ug/kg	N	Y	0.071674312
BIST004	UB041F0401	Gulf killifish	Whole Body	Arsenic	1	13	11	2	3.391538462	mg/kg	0.1	mg/kg	Y	Y	0.029485144
BIST004	UB041F0402	Gulf killifish	Whole Body	Arsenic	1	13	11	2	3.391538462	mg/kg	0.12	mg/kg	Y	Y	0.035382173
BIST004	UB041F0404	Gulf killifish	Whole Body	Arsenic	1	13	11	2	3.391538462	mg/kg	0.1	mg/kg	Y	Y	0.029485144
BIST005	UB051F0501	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.23	mg/kg	Y	Y	0.075409836
BIST005	UB051F0502	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.21	mg/kg	Y	Y	0.068852459
BIST005	UB051F0503	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.21	mg/kg	Y	Y	0.068852459
BIST005	UB051F0504	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.24	mg/kg	Y	Y	0.078688525
BIST005	UB051F0505	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.15	mg/kg	Y	Y	0.049180328
BIST005	UB051F0508	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.16	mg/kg	Y	Y	0.052459016
BIST005	UB051F0509	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.16	mg/kg	Y	Y	0.052459016
BIST005	UB051F0510	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.18	mg/kg	Y	Y	0.059016393
BIST005	UB051F0511	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.17	mg/kg	Y	Y	0.055737705
BIST005	UB051F0512	Sailfin molly	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.25	mg/kg	Y	Y	0.081967213
BIST005	UB051F0515	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.13	mg/kg	Y	Y	0.042622951
BIST005	UB051F0516	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.5	mg/kg	Y	Y	0.163934426
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.17	mg/kg	Y	Y	0.055737705
BIST005	UB051F0518	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.44	mg/kg	Y	Y	0.144262295
BIST005	UB051F0520	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.12	mg/kg	Y	Y	0.039344262
BIST005	UB051F0523	Gulf killifish	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.13	mg/kg	Y	Y	0.042622951
BIST005	UB051F0525	Sailfin molly	Whole Body	Arsenic	1	12	12	0	3.05	mg/kg	0.25	mg/kg	Y	Y	0.081967213
BIST006	MB011F0605	Gulf killifish	Whole Body	Arsenic	1	13	13	0	2.923076923	mg/kg	0.13	mg/kg	Y	Y	0.044473684
BIST006	MB011F0607	Gulf killifish	Whole Body	Arsenic	1	13	13	0	2.923076923	mg/kg	0.13	mg/kg	Y	Y	0.044473684
BIST006	MB011F0615	Gulf killifish	Whole Body	Arsenic	1	13	13	0	2.923076923	mg/kg	0.15	mg/kg	Y	Y	0.051315789
BIST006	MB011F0616	Gulf killifish	Whole Body	Arsenic	1	13	13	0	2.923076923	mg/kg	0.13	mg/kg	Y	Y	0.044473684
BIST006	MB011F0624	Gulf killifish	Whole Body	Arsenic	1	13	13	0	2.923076923	mg/kg	0.17	mg/kg	Y	Y	0.058157895
BIST007	MB011F0702	Gulf killifish	Whole Body	Arsenic	1	10	10	0	2.63	mg/kg	0.17	mg/kg	Y	Y	0.064638783
BIST007	MB011F0703	Gulf killifish	Whole Body	Arsenic	1	10	10	0	2.63	mg/kg	0.18	mg/kg	Y	Y	0.068441065
BIST007	MB011F0704	Gulf killifish	Whole Body	Arsenic	1	10	10	0	2.63	mg/kg	0.15	mg/kg	Y	Y	0.057034221

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								Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST007	MB011F0706	Gulf killifish	Whole Body	Arsenic	1	10	10	0	2.63	mg/kg	0.16	mg/kg	Y	Y	0.060836502
BIST007	MB011F0708	Gulf killifish	Whole Body	Arsenic	1	10	10	0	2.63	mg/kg	0.2	mg/kg	Y	Y	0.076045627
BIST008	MB031F0803	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.435294118	mg/kg	0.16	mg/kg	Y	Y	0.046575342
BIST008	MB031F0804	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.435294118	mg/kg	0.19	mg/kg	Y	Y	0.055308219
BIST008	MB031F0805	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.435294118	mg/kg	0.14	mg/kg	Y	Y	0.040753425
BIST008	MB031F0806	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.435294118	mg/kg	0.09	mg/kg	Y	Y	0.02619863
BIST008	MB031F0811	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.435294118	mg/kg	0.21	mg/kg	Y	Y	0.061130137
BIST010	MB031F1001	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.388235294	mg/kg	0.03	mg/kg	N	Y	0.008854167
BIST010	MB031F1004	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.388235294	mg/kg	0.91	mg/kg	Y	Y	0.268576389
BIST010	MB031F1006	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.388235294	mg/kg	0.08	mg/kg	Y	Y	0.023611111
BIST010	MB031F1009	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.388235294	mg/kg	0.16	mg/kg	Y	Y	0.047222222
BIST010	MB031F1013	Gulf killifish	Whole Body	Arsenic	1	17	17	0	3.388235294	mg/kg	0.14	mg/kg	Y	Y	0.041319444
BIST011	LB011F1101	Gulf killifish	Whole Body	Arsenic	1	23	23	0	3.765217391	mg/kg	0.18	mg/kg	Y	Y	0.047806005
BIST011	LB011F1103	Gulf killifish	Whole Body	Arsenic	1	23	23	0	3.765217391	mg/kg	0.18	mg/kg	Y	Y	0.047806005
BIST011	LB011F1105	Gulf killifish	Whole Body	Arsenic	1	23	23	0	3.765217391	mg/kg	0.21	mg/kg	Y	Y	0.055773672
BIST012	LB011F1201	Gulf killifish	Whole Body	Arsenic	1	25	25	0	3.708	mg/kg	0.22	mg/kg	Y	Y	0.059331176
BIST012	LB011F1202	Gulf killifish	Whole Body	Arsenic	1	25	25	0	3.708	mg/kg	0.19	mg/kg	Y	Y	0.051240561
BIST012	LB011F1204	Gulf killifish	Whole Body	Arsenic	1	25	25	0	3.708	mg/kg	0.18	mg/kg	Y	Y	0.048543689
BIST013	LB011F1301	Gulf killifish	Whole Body	Arsenic	1	26	26	0	3.65	mg/kg	0.24	mg/kg	Y	Y	0.065753425
BIST013	LB011F1302	Gulf killifish	Whole Body	Arsenic	1	26	26	0	3.65	mg/kg	0.24	mg/kg	Y	Y	0.065753425
BIST013	LB011F1305	Gulf killifish	Whole Body	Arsenic	1	26	26	0	3.65	mg/kg	0.26	mg/kg	Y	Y	0.071232877
BIST015	LB031F1502	Gulf killifish	Whole Body	Arsenic	1	31	28	3	3.94516129	mg/kg	0.23	mg/kg	Y	Y	0.058299264
BIST015	LB031F1504	Gulf killifish	Whole Body	Arsenic	1	31	28	3	3.94516129	mg/kg	0.21	mg/kg	Y	Y	0.053229763
BIST015	LB031F1506	Gulf killifish	Whole Body	Arsenic	1	31	28	3	3.94516129	mg/kg	0.24	mg/kg	Y	Y	0.060834015
BIST016	LB031F1601	Gulf killifish	Whole Body	Arsenic	1	42	36	6	3.583333333	mg/kg	0.24	mg/kg	Y	Y	0.066976744
BIST016	LB031F1602	Gulf killifish	Whole Body	Arsenic	1	42	36	6	3.583333333	mg/kg	0.24	mg/kg	Y	Y	0.066976744
BIST016	LB031F1610	Gulf killifish	Whole Body	Arsenic	1	42	36	6	3.583333333	mg/kg	0.25	mg/kg	Y	Y	0.069767442
BIST017	LB031F1702	Gulf killifish	Whole Body	Arsenic	1	15	15	0	4.72	mg/kg	0.2	mg/kg	Y	Y	0.042372881
BIST017	LB031F1703	Gulf killifish	Whole Body	Arsenic	1	15	15	0	4.72	mg/kg	0.21	mg/kg	Y	Y	0.044491525
BIST017	LB031F1704	Gulf killifish	Whole Body	Arsenic	1	15	15	0	4.72	mg/kg	0.29	mg/kg	Y	Y	0.061440678
BIST019	LB061F1901	Gulf killifish	Whole Body	Arsenic	1	33	27	6	3.206060606	mg/kg	0.24	mg/kg	Y	Y	0.074858223
BIST019	LB061F1902	Gulf killifish	Whole Body	Arsenic	1	33	27	6	3.206060606	mg/kg	0.22	mg/kg	Y	Y	0.068620038
BIST019	LB061F1903	Gulf killifish	Whole Body	Arsenic	1	33	27	6	3.206060606	mg/kg	0.26	mg/kg	Y	Y	0.081096408
BIST024	LB131F2402	Gulf killifish	Whole Body	Arsenic	1	43	41	2	3.568604651	mg/kg	0.34	mg/kg	Y	Y	0.095275334
BIST024	LB131F2406	Gulf killifish	Whole Body	Arsenic	1	43	41	2	3.568604651	mg/kg	0.28	mg/kg	Y	Y	0.07846204
BIST024	LB131F2408	Gulf killifish	Whole Body	Arsenic	1	43	41	2	3.568604651	mg/kg	0.34	mg/kg	Y	Y	0.095275334
BIST026	LB131F2601	Gulf killifish	Whole Body	Arsenic	1	34	33	1	3.763235294	mg/kg	0.28	mg/kg	Y	Y	0.074404064
BIST025	LB131F2501	Gulf killifish	Whole Body	Arsenic	1	41	40	1	3.781707317	mg/kg	0.26	mg/kg	Y	Y	0.068752015
BIST025	LB131F2502	Gulf killifish	Whole Body	Arsenic	1	41	40	1	3.781707317	mg/kg	0.22	mg/kg	Y	Y	0.058174782
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Arsenic	1	41	40	1	3.781707317	mg/kg	0.24	mg/kg	Y	Y	0.063463399
BIST026	LB131F2604	Gulf killifish	Whole Body	Arsenic	1	34	33	1	3.763235294	mg/kg	0.25	mg/kg	Y	Y	0.0664322
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Arsenic	1	22	22	0	3.731818182	mg/kg	0.16	mg/kg	Y	Y	0.042874543
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Arsenic	1	22	22	0	3.731818182	mg/kg	0.16	mg/kg	Y	Y	0.042874543
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Arsenic	1	22	22	0	3.731818182	mg/kg	0.17	mg/kg	Y	Y	0.045554202
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Arsenic	1	20	20	0	4.1	mg/kg	0.15	mg/kg	Y	Y	0.036585366
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Arsenic	1	20	20	0	4.1	mg/kg	0.16	mg/kg	Y	Y	0.03902439
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Arsenic	1	20	20	0	4.1	mg/kg	0.15	mg/kg	Y	Y	0.036585366
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Arsenic	1	21	21	0	3.961904762	mg/kg	0.22	mg/kg	Y	Y	0.055528846
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Arsenic	1	21	21	0	3.961904762	mg/kg	0.23	mg/kg	Y	Y	0.058052885
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Arsenic	1	21	21	0	3.961904762	mg/kg	0.24	mg/kg	Y	Y	0.060576923
BIST004	UB041F0401	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	1	14	779.5533333	ug/kg	100	ug/kg	N	Y	0.128278587
BIST004	UB041F0402	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	1	14	779.5533333	ug/kg	20	ug/kg	N	Y	0.025655717
BIST004	UB041F0404	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	1	14	779.5533333	ug/kg	100	ug/kg	N	Y	0.128278587
BIST005	UB051F0501	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	40	ug/kg	N	Y	0.055891742

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0502	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	20	ug/kg	N	Y	0.027945871
BIST005	UB051F0503	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	40	ug/kg	N	Y	0.055891742
BIST005	UB051F0504	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	40	ug/kg	N	Y	0.055891742
BIST005	UB051F0508	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	20	ug/kg	N	Y	0.027945871
BIST005	UB051F0509	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	20	ug/kg	N	Y	0.027945871
BIST005	UB051F0510	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	20	ug/kg	N	Y	0.027945871
BIST005	UB051F0511	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	20	ug/kg	N	Y	0.027945871
BIST005	UB051F0512	Sailfin molly	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	80	ug/kg	N	Y	0.111783484
BIST005	UB051F0515	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	100	ug/kg	N	Y	0.139729355
BIST005	UB051F0516	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	40	ug/kg	N	Y	0.055891742
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	20	ug/kg	N	Y	0.027945871
BIST005	UB051F0518	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	20	ug/kg	N	Y	0.027945871
BIST005	UB051F0520	Gulf killifish	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	40	ug/kg	N	Y	0.055891742
BIST005	UB051F0525	Sailfin molly	Whole Body	Benzo(a)anthracene	1	13	4	9	715.6692308	ug/kg	60	ug/kg	N	Y	0.083837613
BIST006	MB011F0605	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	4	11	337.96	ug/kg	100	ug/kg	N	Y	0.295893005
BIST006	MB011F0607	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	4	11	337.96	ug/kg	200	ug/kg	N	Y	0.59178601
BIST006	MB011F0615	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	4	11	337.96	ug/kg	200	ug/kg	N	Y	0.59178601
BIST006	MB011F0616	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	4	11	337.96	ug/kg	100	ug/kg	N	Y	0.295893005
BIST006	MB011F0624	Gulf killifish	Whole Body	Benzo(a)anthracene	1	15	4	11	337.96	ug/kg	100	ug/kg	N	Y	0.295893005
BIST007	MB011F0702	Gulf killifish	Whole Body	Benzo(a)anthracene	1	12	5	7	317.45	ug/kg	100	ug/kg	N	Y	0.315010238
BIST007	MB011F0703	Gulf killifish	Whole Body	Benzo(a)anthracene	1	12	5	7	317.45	ug/kg	100	ug/kg	N	Y	0.315010238
BIST007	MB011F0704	Gulf killifish	Whole Body	Benzo(a)anthracene	1	12	5	7	317.45	ug/kg	100	ug/kg	N	Y	0.315010238
BIST007	MB011F0706	Gulf killifish	Whole Body	Benzo(a)anthracene	1	12	5	7	317.45	ug/kg	100	ug/kg	N	Y	0.315010238
BIST007	MB011F0708	Gulf killifish	Whole Body	Benzo(a)anthracene	1	12	5	7	317.45	ug/kg	100	ug/kg	N	Y	0.315010238
BIST008	MB031F0803	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	548.755	ug/kg	100	ug/kg	N	Y	0.182230686
BIST008	MB031F0805	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	548.755	ug/kg	100	ug/kg	N	Y	0.182230686
BIST008	MB031F0806	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	548.755	ug/kg	100	ug/kg	N	Y	0.182230686
BIST008	MB031F0811	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	548.755	ug/kg	100	ug/kg	N	Y	0.182230686
BIST010	MB031F1001	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	543.255	ug/kg	100	ug/kg	N	Y	0.184075618
BIST010	MB031F1004	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	543.255	ug/kg	100	ug/kg	N	Y	0.184075618
BIST010	MB031F1006	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	543.255	ug/kg	100	ug/kg	N	Y	0.184075618
BIST010	MB031F1009	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	543.255	ug/kg	100	ug/kg	N	Y	0.184075618
BIST010	MB031F1013	Gulf killifish	Whole Body	Benzo(a)anthracene	1	20	4	16	543.255	ug/kg	100	ug/kg	N	Y	0.184075618
BIST011	LB011F1101	Gulf killifish	Whole Body	Benzo(a)anthracene	1	29	7	22	545.2034483	ug/kg	200	ug/kg	N	Y	0.366835538
BIST011	LB011F1103	Gulf killifish	Whole Body	Benzo(a)anthracene	1	29	7	22	545.2034483	ug/kg	200	ug/kg	N	Y	0.366835538
BIST011	LB011F1105	Gulf killifish	Whole Body	Benzo(a)anthracene	1	29	7	22	545.2034483	ug/kg	200	ug/kg	N	Y	0.366835538
BIST012	LB011F1201	Gulf killifish	Whole Body	Benzo(a)anthracene	1	33	9	24	560.1787879	ug/kg	200	ug/kg	N	Y	0.357028871
BIST012	LB011F1202	Gulf killifish	Whole Body	Benzo(a)anthracene	1	33	9	24	560.1787879	ug/kg	100	ug/kg	N	Y	0.178514435
BIST012	LB011F1204	Gulf killifish	Whole Body	Benzo(a)anthracene	1	33	9	24	560.1787879	ug/kg	20	ug/kg	N	Y	0.035702887
BIST013	LB011F1301	Gulf killifish	Whole Body	Benzo(a)anthracene	1	34	10	24	490.2029412	ug/kg	100	ug/kg	N	Y	0.203997144
BIST013	LB011F1302	Gulf killifish	Whole Body	Benzo(a)anthracene	1	34	10	24	490.2029412	ug/kg	40	ug/kg	N	Y	0.081598858
BIST013	LB011F1305	Gulf killifish	Whole Body	Benzo(a)anthracene	1	34	10	24	490.2029412	ug/kg	100	ug/kg	N	Y	0.203997144
BIST015	LB031F1502	Gulf killifish	Whole Body	Benzo(a)anthracene	1	40	9	31	3712.3	ug/kg	100	ug/kg	N	Y	0.026937478
BIST015	LB031F1504	Gulf killifish	Whole Body	Benzo(a)anthracene	1	40	9	31	3712.3	ug/kg	200	ug/kg	N	Y	0.053874956
BIST015	LB031F1506	Gulf killifish	Whole Body	Benzo(a)anthracene	1	40	9	31	3712.3	ug/kg	100	ug/kg	N	Y	0.026937478
BIST016	LB031F1601	Gulf killifish	Whole Body	Benzo(a)anthracene	1	53	14	39	2939.326415	ug/kg	200	ug/kg	N	Y	0.0680428
BIST016	LB031F1602	Gulf killifish	Whole Body	Benzo(a)anthracene	1	53	14	39	2939.326415	ug/kg	20	ug/kg	N	Y	0.00680428
BIST016	LB031F1610	Gulf killifish	Whole Body	Benzo(a)anthracene	1	53	14	39	2939.326415	ug/kg	20	ug/kg	N	Y	0.00680428
BIST017	LB031F1702	Gulf killifish	Whole Body	Benzo(a)anthracene	1	19	4	15	6961.842105	ug/kg	500	ug/kg	N	Y	0.071820072
BIST017	LB031F1703	Gulf killifish	Whole Body	Benzo(a)anthracene	1	19	4	15	6961.842105	ug/kg	60	ug/kg	N	Y	0.008618409
BIST017	LB031F1704	Gulf killifish	Whole Body	Benzo(a)anthracene	1	19	4	15	6961.842105	ug/kg	40	ug/kg	N	Y	0.005745606
BIST019	LB061F1901	Gulf killifish	Whole Body	Benzo(a)anthracene	1	40	10	30	650.3575	ug/kg	20	ug/kg	N	Y	0.030752317
BIST019	LB061F1902	Gulf killifish	Whole Body	Benzo(a)anthracene	1	40	10	30	650.3575	ug/kg	200	ug/kg	N	Y	0.30752317
BIST019	LB061F1903	Gulf killifish	Whole Body	Benzo(a)anthracene	1	40	10	30	650.3575	ug/kg	20	ug/kg	N	Y	0.030752317

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST024	LB131F2402	Gulf killifish	Whole Body	Benzo(a)anthracene	1	48	8	40	524.3604167	ug/kg	100	ug/kg	N	Y	0.190708522
BIST024	LB131F2406	Gulf killifish	Whole Body	Benzo(a)anthracene	1	48	8	40	524.3604167	ug/kg	200	ug/kg	N	Y	0.381417044
BIST024	LB131F2408	Gulf killifish	Whole Body	Benzo(a)anthracene	1	48	8	40	524.3604167	ug/kg	200	ug/kg	N	Y	0.381417044
BIST026	LB131F2601	Gulf killifish	Whole Body	Benzo(a)anthracene	1	46	15	31	719.026087	ug/kg	40	ug/kg	N	Y	0.055630805
BIST025	LB131F2502	Gulf killifish	Whole Body	Benzo(a)anthracene	1	49	10	39	709.2081633	ug/kg	200	ug/kg	N	Y	0.28200465
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Benzo(a)anthracene	1	49	10	39	709.2081633	ug/kg	400	ug/kg	N	Y	0.5640093
BIST026	LB131F2604	Gulf killifish	Whole Body	Benzo(a)anthracene	1	46	15	31	719.026087	ug/kg	100	ug/kg	N	Y	0.139077012
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Benzo(a)anthracene	1	29	9	20	506.9275862	ug/kg	200	ug/kg	N	Y	0.394533668
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Benzo(a)anthracene	1	29	9	20	506.9275862	ug/kg	40	ug/kg	N	Y	0.078906734
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Benzo(a)anthracene	1	29	9	20	506.9275862	ug/kg	200	ug/kg	N	Y	0.394533668
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Benzo(a)anthracene	1	28	10	18	4007.603571	ug/kg	200	ug/kg	N	Y	0.049905136
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Benzo(a)anthracene	1	28	10	18	4007.603571	ug/kg	100	ug/kg	N	Y	0.024952568
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Benzo(a)anthracene	1	28	10	18	4007.603571	ug/kg	40	ug/kg	N	Y	0.009981027
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Benzo(a)anthracene	1	28	10	18	567.3535714	ug/kg	200	ug/kg	N	Y	0.352513864
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Benzo(a)anthracene	1	28	10	18	567.3535714	ug/kg	200	ug/kg	N	Y	0.352513864
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Benzo(a)anthracene	1	28	10	18	567.3535714	ug/kg	20	ug/kg	N	Y	0.035251386
BIST004	UB041F0402	Gulf killifish	Whole Body	Benzo(a)pyrene	1	15	1	14	780.1266667	ug/kg	20	ug/kg	N	Y	0.025636862
BIST005	UB051F0501	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	40	ug/kg	N	Y	0.057681642
BIST005	UB051F0502	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	20	ug/kg	N	Y	0.028840821
BIST005	UB051F0503	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	40	ug/kg	N	Y	0.057681642
BIST005	UB051F0504	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	40	ug/kg	N	Y	0.057681642
BIST005	UB051F0508	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	20	ug/kg	N	Y	0.028840821
BIST005	UB051F0509	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	20	ug/kg	N	Y	0.028840821
BIST005	UB051F0510	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	20	ug/kg	N	Y	0.028840821
BIST005	UB051F0511	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	20	ug/kg	N	Y	0.028840821
BIST005	UB051F0512	Sailfin molly	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	80	ug/kg	N	Y	0.115363283
BIST005	UB051F0515	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	100	ug/kg	N	Y	0.144204104
BIST005	UB051F0516	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	40	ug/kg	N	Y	0.057681642
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	20	ug/kg	N	Y	0.028840821
BIST005	UB051F0518	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	20	ug/kg	N	Y	0.028840821
BIST005	UB051F0520	Gulf killifish	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	40	ug/kg	N	Y	0.057681642
BIST005	UB051F0525	Sailfin molly	Whole Body	Benzo(a)pyrene	1	13	4	9	693.4615385	ug/kg	60	ug/kg	N	Y	0.086522463
BIST006	MB011F0607	Gulf killifish	Whole Body	Benzo(a)pyrene	1	15	4	11	333.44	ug/kg	200	ug/kg	N	Y	0.599808061
BIST006	MB011F0615	Gulf killifish	Whole Body	Benzo(a)pyrene	1	15	4	11	333.44	ug/kg	200	ug/kg	N	Y	0.599808061
BIST007	MB011F0704	Gulf killifish	Whole Body	Benzo(a)pyrene	1	12	5	7	292.6333333	ug/kg	200	ug/kg	N	Y	0.68344914
BIST011	LB011F1101	Gulf killifish	Whole Body	Benzo(a)pyrene	1	30	7	23	542.95	ug/kg	200	ug/kg	N	Y	0.368358044
BIST011	LB011F1103	Gulf killifish	Whole Body	Benzo(a)pyrene	1	30	7	23	542.95	ug/kg	200	ug/kg	N	Y	0.368358044
BIST011	LB011F1105	Gulf killifish	Whole Body	Benzo(a)pyrene	1	30	7	23	542.95	ug/kg	200	ug/kg	N	Y	0.368358044
BIST012	LB011F1201	Gulf killifish	Whole Body	Benzo(a)pyrene	1	34	9	25	553.1205882	ug/kg	200	ug/kg	N	Y	0.361584805
BIST012	LB011F1202	Gulf killifish	Whole Body	Benzo(a)pyrene	1	34	9	25	553.1205882	ug/kg	100	ug/kg	N	Y	0.180792402
BIST012	LB011F1204	Gulf killifish	Whole Body	Benzo(a)pyrene	1	34	9	25	553.1205882	ug/kg	20	ug/kg	N	Y	0.03615848
BIST013	LB011F1301	Gulf killifish	Whole Body	Benzo(a)pyrene	1	35	10	25	486.8885714	ug/kg	100	ug/kg	N	Y	0.205385803
BIST013	LB011F1302	Gulf killifish	Whole Body	Benzo(a)pyrene	1	35	10	25	486.8885714	ug/kg	40	ug/kg	N	Y	0.082154321
BIST013	LB011F1305	Gulf killifish	Whole Body	Benzo(a)pyrene	1	35	10	25	486.8885714	ug/kg	100	ug/kg	N	Y	0.205385803
BIST015	LB031F1502	Gulf killifish	Whole Body	Benzo(a)pyrene	1	40	7	33	3744.715	ug/kg	100	ug/kg	N	Y	0.026704302
BIST015	LB031F1504	Gulf killifish	Whole Body	Benzo(a)pyrene	1	40	7	33	3744.715	ug/kg	200	ug/kg	N	Y	0.053408604
BIST015	LB031F1506	Gulf killifish	Whole Body	Benzo(a)pyrene	1	40	7	33	3744.715	ug/kg	100	ug/kg	N	Y	0.026704302
BIST016	LB031F1601	Gulf killifish	Whole Body	Benzo(a)pyrene	1	53	11	42	2958.096226	ug/kg	200	ug/kg	N	Y	0.067611053
BIST016	LB031F1602	Gulf killifish	Whole Body	Benzo(a)pyrene	1	53	11	42	2958.096226	ug/kg	20	ug/kg	N	Y	0.006761105
BIST016	LB031F1610	Gulf killifish	Whole Body	Benzo(a)pyrene	1	53	11	42	2958.096226	ug/kg	20	ug/kg	N	Y	0.006761105
BIST017	LB031F1703	Gulf killifish	Whole Body	Benzo(a)pyrene	1	19	3	16	7030.157895	ug/kg	60	ug/kg	N	Y	0.008534659
BIST017	LB031F1704	Gulf killifish	Whole Body	Benzo(a)pyrene	1	19	3	16	7030.157895	ug/kg	40	ug/kg	N	Y	0.005689773
BIST019	LB061F1901	Gulf killifish	Whole Body	Benzo(a)pyrene	1	40	8	32	642.7775	ug/kg	20	ug/kg	N	Y	0.031114966
BIST019	LB061F1902	Gulf killifish	Whole Body	Benzo(a)pyrene	1	40	8	32	642.7775	ug/kg	200	ug/kg	N	Y	0.311149659

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	Benzo(a)pyrene	1	40	8	32	642.7775	ug/kg	20	ug/kg	N	Y	0.031114966
BIST024	LB131F2402	Gulf killifish	Whole Body	Benzo(a)pyrene	1	48	6	42	524.5020833	ug/kg	100	ug/kg	N	Y	0.190657012
BIST024	LB131F2406	Gulf killifish	Whole Body	Benzo(a)pyrene	1	48	6	42	524.5020833	ug/kg	200	ug/kg	N	Y	0.381314024
BIST024	LB131F2408	Gulf killifish	Whole Body	Benzo(a)pyrene	1	48	6	42	524.5020833	ug/kg	200	ug/kg	N	Y	0.381314024
BIST026	LB131F2601	Gulf killifish	Whole Body	Benzo(a)pyrene	1	47	14	33	779.0148936	ug/kg	40	ug/kg	N	Y	0.0513469
BIST025	LB131F2502	Gulf killifish	Whole Body	Benzo(a)pyrene	1	49	8	41	786.3183673	ug/kg	200	ug/kg	N	Y	0.254349902
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Benzo(a)pyrene	1	49	8	41	786.3183673	ug/kg	400	ug/kg	N	Y	0.508699805
BIST026	LB131F2604	Gulf killifish	Whole Body	Benzo(a)pyrene	1	47	14	33	779.0148936	ug/kg	100	ug/kg	N	Y	0.128367251
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Benzo(a)pyrene	1	30	9	21	500.7033333	ug/kg	200	ug/kg	N	Y	0.399438124
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Benzo(a)pyrene	1	30	9	21	500.7033333	ug/kg	40	ug/kg	N	Y	0.079887625
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Benzo(a)pyrene	1	30	9	21	500.7033333	ug/kg	200	ug/kg	N	Y	0.399438124
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Benzo(a)pyrene	1	29	9	20	3999.313793	ug/kg	200	ug/kg	N	Y	0.050008579
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Benzo(a)pyrene	1	29	9	20	3999.313793	ug/kg	40	ug/kg	N	Y	0.010001716
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Benzo(a)pyrene	1	29	9	20	684.0034483	ug/kg	200	ug/kg	N	Y	0.292396187
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Benzo(a)pyrene	1	29	9	20	684.0034483	ug/kg	200	ug/kg	N	Y	0.292396187
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Benzo(a)pyrene	1	29	9	20	684.0034483	ug/kg	20	ug/kg	N	Y	0.029239619
BIST004	UB041F0402	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	15	1	14	782.6	ug/kg	20	ug/kg	N	Y	0.02555584
BIST005	UB051F0501	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	40	ug/kg	N	Y	0.049083924
BIST005	UB051F0502	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	20	ug/kg	N	Y	0.024541962
BIST005	UB051F0503	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	40	ug/kg	N	Y	0.049083924
BIST005	UB051F0504	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	40	ug/kg	N	Y	0.049083924
BIST005	UB051F0508	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	20	ug/kg	N	Y	0.024541962
BIST005	UB051F0509	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	20	ug/kg	N	Y	0.024541962
BIST005	UB051F0510	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	20	ug/kg	N	Y	0.024541962
BIST005	UB051F0511	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	20	ug/kg	N	Y	0.024541962
BIST005	UB051F0512	Sailfin molly	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	80	ug/kg	N	Y	0.098167848
BIST005	UB051F0515	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	100	ug/kg	N	Y	0.12270981
BIST005	UB051F0516	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	40	ug/kg	N	Y	0.049083924
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	20	ug/kg	N	Y	0.024541962
BIST005	UB051F0518	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	20	ug/kg	N	Y	0.024541962
BIST005	UB051F0520	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	40	ug/kg	N	Y	0.049083924
BIST005	UB051F0525	Sailfin molly	Whole Body	Benzo(b)fluoranthene	1	13	3	10	814.9307692	ug/kg	60	ug/kg	N	Y	0.073625886
BIST006	MB011F0607	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	15	4	11	349.8733333	ug/kg	200	ug/kg	N	Y	0.571635449
BIST006	MB011F0615	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	15	4	11	349.8733333	ug/kg	200	ug/kg	N	Y	0.571635449
BIST007	MB011F0704	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	12	4	8	429.8416667	ug/kg	200	ug/kg	N	Y	0.465287606
BIST011	LB011F1101	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	7	23	580.2666667	ug/kg	200	ug/kg	N	Y	0.344669118
BIST011	LB011F1103	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	7	23	580.2666667	ug/kg	200	ug/kg	N	Y	0.344669118
BIST011	LB011F1105	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	7	23	580.2666667	ug/kg	200	ug/kg	N	Y	0.344669118
BIST012	LB011F1201	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	35	10	25	577.7457143	ug/kg	200	ug/kg	N	Y	0.346173057
BIST012	LB011F1202	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	35	10	25	577.7457143	ug/kg	100	ug/kg	N	Y	0.173086528
BIST012	LB011F1204	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	35	10	25	577.7457143	ug/kg	20	ug/kg	N	Y	0.034617306
BIST013	LB011F1301	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	36	11	25	515.1416667	ug/kg	100	ug/kg	N	Y	0.194121358
BIST013	LB011F1302	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	36	11	25	515.1416667	ug/kg	40	ug/kg	N	Y	0.077648543
BIST013	LB011F1305	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	36	11	25	515.1416667	ug/kg	100	ug/kg	N	Y	0.194121358
BIST015	LB031F1502	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	41	8	33	3789.880488	ug/kg	100	ug/kg	N	Y	0.026386056
BIST015	LB031F1504	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	41	8	33	3789.880488	ug/kg	200	ug/kg	N	Y	0.052772113
BIST015	LB031F1506	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	41	8	33	3789.880488	ug/kg	100	ug/kg	N	Y	0.026386056
BIST016	LB031F1601	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	54	14	40	3010.194444	ug/kg	200	ug/kg	N	Y	0.066440891
BIST016	LB031F1602	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	54	14	40	3010.194444	ug/kg	20	ug/kg	N	Y	0.006644089
BIST016	LB031F1610	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	54	14	40	3010.194444	ug/kg	20	ug/kg	N	Y	0.006644089
BIST017	LB031F1703	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	19	3	16	7310.052632	ug/kg	60	ug/kg	N	Y	0.008207875
BIST017	LB031F1704	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	19	3	16	7310.052632	ug/kg	40	ug/kg	N	Y	0.005471917
BIST019	LB061F1901	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	41	11	30	638.1585366	ug/kg	20	ug/kg	N	Y	0.031340175
BIST019	LB061F1902	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	41	11	30	638.1585366	ug/kg	200	ug/kg	N	Y	0.313401747

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	41	11	30	638.1585366	ug/kg	20	ug/kg	N	Y	0.031340175
BIST024	LB131F2402	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	49	9	40	526.7244898	ug/kg	100	ug/kg	N	Y	0.189852574
BIST024	LB131F2406	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	49	9	40	526.7244898	ug/kg	200	ug/kg	N	Y	0.379705147
BIST024	LB131F2408	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	49	9	40	526.7244898	ug/kg	200	ug/kg	N	Y	0.379705147
BIST026	LB131F2601	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	48	16	32	804.5333333	ug/kg	40	ug/kg	N	Y	0.049718263
BIST025	LB131F2502	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	50	10	40	786.75	ug/kg	200	ug/kg	N	Y	0.254210359
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Benzo(b)fluoranthene	1	50	10	40	786.75	ug/kg	400	ug/kg	N	Y	0.508420718
BIST026	LB131F2604	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	48	16	32	804.5333333	ug/kg	100	ug/kg	N	Y	0.124295658
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	31	10	21	530.1967742	ug/kg	200	ug/kg	N	Y	0.37721844
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	31	10	21	530.1967742	ug/kg	40	ug/kg	N	Y	0.075443688
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	31	10	21	530.1967742	ug/kg	200	ug/kg	N	Y	0.37721844
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	10	20	3916.536667	ug/kg	200	ug/kg	N	Y	0.051065525
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	10	20	3916.536667	ug/kg	40	ug/kg	N	Y	0.010213105
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	10	20	708.37	ug/kg	200	ug/kg	N	Y	0.282338326
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	10	20	708.37	ug/kg	200	ug/kg	N	Y	0.282338326
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Benzo(b)fluoranthene	1	30	10	20	708.37	ug/kg	20	ug/kg	N	Y	0.028233833
BIST004	UB041F0402	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	15	1	14	779.6133333	ug/kg	20	ug/kg	N	Y	0.025653743
BIST005	UB051F0501	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	40	ug/kg	N	Y	0.050345642
BIST005	UB051F0502	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0503	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	40	ug/kg	N	Y	0.050345642
BIST005	UB051F0504	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	40	ug/kg	N	Y	0.050345642
BIST005	UB051F0508	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0509	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0510	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0511	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0510	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0511	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0512	Sailfin molly	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	80	ug/kg	N	Y	0.100691284
BIST005	UB051F0515	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	100	ug/kg	N	Y	0.125864105
BIST005	UB051F0516	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	40	ug/kg	N	Y	0.050345642
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0518	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	20	ug/kg	N	Y	0.025172821
BIST005	UB051F0520	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	40	ug/kg	N	Y	0.050345642
BIST005	UB051F0525	Sailfin molly	Whole Body	Benzo(g,h,i)perylene	1	13	3	10	794.5076923	ug/kg	60	ug/kg	N	Y	0.075518463
BIST006	MB011F0607	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	15	4	11	328.3133333	ug/kg	200	ug/kg	N	Y	0.609174163
BIST006	MB011F0615	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	15	4	11	328.3133333	ug/kg	200	ug/kg	N	Y	0.609174163
BIST007	MB011F0704	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	12	4	8	402.8916667	ug/kg	200	ug/kg	N	Y	0.49641136
BIST011	LB011F1101	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	29	5	24	561.4310345	ug/kg	200	ug/kg	N	Y	0.356232534
BIST011	LB011F1103	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	29	5	24	561.4310345	ug/kg	200	ug/kg	N	Y	0.356232534
BIST011	LB011F1105	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	29	5	24	561.4310345	ug/kg	200	ug/kg	N	Y	0.356232534
BIST012	LB011F1201	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	33	6	27	583.9878788	ug/kg	200	ug/kg	N	Y	0.342472862
BIST012	LB011F1202	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	33	6	27	583.9878788	ug/kg	100	ug/kg	N	Y	0.171236431
BIST012	LB011F1204	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	33	6	27	583.9878788	ug/kg	20	ug/kg	N	Y	0.034247286
BIST013	LB011F1301	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	34	7	27	513.5764706	ug/kg	100	ug/kg	N	Y	0.19471297
BIST013	LB011F1302	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	34	7	27	513.5764706	ug/kg	40	ug/kg	N	Y	0.077885188
BIST013	LB011F1305	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	34	7	27	513.5764706	ug/kg	100	ug/kg	N	Y	0.19471297
BIST015	LB031F1502	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	40	7	33	3665.075	ug/kg	100	ug/kg	N	Y	0.027284571
BIST015	LB031F1504	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	40	7	33	3665.075	ug/kg	200	ug/kg	N	Y	0.054569143
BIST015	LB031F1506	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	40	7	33	3665.075	ug/kg	100	ug/kg	N	Y	0.027284571
BIST016	LB031F1601	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	52	9	43	2967.248077	ug/kg	200	ug/kg	N	Y	0.067402521
BIST016	LB031F1602	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	52	9	43	2967.248077	ug/kg	20	ug/kg	N	Y	0.006740252
BIST016	LB031F1610	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	52	9	43	2967.248077	ug/kg	20	ug/kg	N	Y	0.006740252
BIST017	LB031F1703	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	19	3	16	6898.736842	ug/kg	60	ug/kg	N	Y	0.008697244
BIST017	LB031F1704	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	19	3	16	6898.736842	ug/kg	40	ug/kg	N	Y	0.005798163
BIST019	LB061F1901	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	39	6	33	659.6384615	ug/kg	20	ug/kg	N	Y	0.030319639
BIST019	LB061F1902	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	39	6	33	659.6384615	ug/kg	200	ug/kg	N	Y	0.30319639

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	39	6	33	659.6384615	ug/kg	20	ug/kg	N	Y	0.030319639
BIST024	LB131F2402	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	47	5	42	535.1255319	ug/kg	100	ug/kg	N	Y	0.18687204
BIST024	LB131F2406	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	47	5	42	535.1255319	ug/kg	200	ug/kg	N	Y	0.373744081
BIST024	LB131F2408	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	47	5	42	535.1255319	ug/kg	200	ug/kg	N	Y	0.373744081
BIST026	LB131F2601	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	45	10	35	804.3222222	ug/kg	40	ug/kg	N	Y	0.049731313
BIST025	LB131F2502	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	48	6	42	798.3	ug/kg	200	ug/kg	N	Y	0.250532381
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Benzo(g,h,i)perylene	1	48	6	42	798.3	ug/kg	400	ug/kg	N	Y	0.501064763
BIST026	LB131F2604	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	45	10	35	804.3222222	ug/kg	100	ug/kg	N	Y	0.124328282
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	29	6	23	534.0206897	ug/kg	200	ug/kg	N	Y	0.374517325
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	29	6	23	534.0206897	ug/kg	40	ug/kg	N	Y	0.074903465
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	29	6	23	534.0206897	ug/kg	200	ug/kg	N	Y	0.374517325
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	28	6	22	4143.771429	ug/kg	200	ug/kg	N	Y	0.04826521
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	28	6	22	4143.771429	ug/kg	40	ug/kg	N	Y	0.009653042
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	28	6	22	725.0571429	ug/kg	200	ug/kg	N	Y	0.275840328
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	28	6	22	725.0571429	ug/kg	200	ug/kg	N	Y	0.275840328
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Benzo(g,h,i)perylene	1	28	6	22	725.0571429	ug/kg	20	ug/kg	N	Y	0.027584033
BIST004	UB041F0402	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	15	1	14	778.0266667	ug/kg	20	ug/kg	N	Y	0.02570606
BIST005	UB051F0501	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	40	ug/kg	N	Y	0.049706065
BIST005	UB051F0502	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	20	ug/kg	N	Y	0.024853033
BIST005	UB051F0503	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	40	ug/kg	N	Y	0.049706065
BIST005	UB051F0504	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	40	ug/kg	N	Y	0.049706065
BIST005	UB051F0508	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	20	ug/kg	N	Y	0.024853033
BIST005	UB051F0509	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	20	ug/kg	N	Y	0.024853033
BIST005	UB051F0510	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	20	ug/kg	N	Y	0.024853033
BIST005	UB051F0511	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	20	ug/kg	N	Y	0.024853033
BIST005	UB051F0512	Sailfin molly	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	80	ug/kg	N	Y	0.09941213
BIST005	UB051F0515	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	100	ug/kg	N	Y	0.124265163
BIST005	UB051F0516	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	40	ug/kg	N	Y	0.049706065
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	20	ug/kg	N	Y	0.024853033
BIST005	UB051F0518	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	20	ug/kg	N	Y	0.024853033
BIST005	UB051F0520	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	40	ug/kg	N	Y	0.049706065
BIST005	UB051F0525	Sailfin molly	Whole Body	Benzo(k)fluoranthene	1	13	3	10	804.7307692	ug/kg	60	ug/kg	N	Y	0.074559098
BIST006	MB011F0607	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	15	4	11	334.2133333	ug/kg	200	ug/kg	N	Y	0.598420171
BIST006	MB011F0615	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	15	4	11	334.2133333	ug/kg	200	ug/kg	N	Y	0.598420171
BIST007	MB011F0704	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	12	4	8	410.2666667	ug/kg	200	ug/kg	N	Y	0.487487813
BIST011	LB011F1101	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	28	5	23	524.1678571	ug/kg	200	ug/kg	N	Y	0.381557162
BIST011	LB011F1103	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	28	5	23	524.1678571	ug/kg	200	ug/kg	N	Y	0.381557162
BIST011	LB011F1105	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	28	5	23	524.1678571	ug/kg	200	ug/kg	N	Y	0.381557162
BIST012	LB011F1201	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	32	6	26	551.846875	ug/kg	200	ug/kg	N	Y	0.362419376
BIST012	LB011F1202	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	32	6	26	551.846875	ug/kg	100	ug/kg	N	Y	0.181209688
BIST012	LB011F1204	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	32	6	26	551.846875	ug/kg	20	ug/kg	N	Y	0.036241938
BIST013	LB011F1301	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	33	7	26	477.8393939	ug/kg	100	ug/kg	N	Y	0.209275337
BIST013	LB011F1302	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	33	7	26	477.8393939	ug/kg	40	ug/kg	N	Y	0.083710135
BIST013	LB011F1305	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	33	7	26	477.8393939	ug/kg	100	ug/kg	N	Y	0.209275337
BIST015	LB031F1502	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	39	5	34	3820.933333	ug/kg	100	ug/kg	N	Y	0.026171616
BIST015	LB031F1504	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	39	5	34	3820.933333	ug/kg	200	ug/kg	N	Y	0.052343232
BIST015	LB031F1506	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	39	5	34	3820.933333	ug/kg	100	ug/kg	N	Y	0.026171616
BIST016	LB031F1601	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	51	8	43	3050.390196	ug/kg	200	ug/kg	N	Y	0.065565383
BIST016	LB031F1602	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	51	8	43	3050.390196	ug/kg	20	ug/kg	N	Y	0.006556538
BIST016	LB031F1610	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	51	8	43	3050.390196	ug/kg	20	ug/kg	N	Y	0.006556538
BIST017	LB031F1703	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	18	2	16	7378.888889	ug/kg	60	ug/kg	N	Y	0.008131306
BIST017	LB031F1704	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	18	2	16	7378.888889	ug/kg	40	ug/kg	N	Y	0.00542087
BIST019	LB061F1901	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	39	6	33	647.5615385	ug/kg	20	ug/kg	N	Y	0.030885096
BIST019	LB061F1902	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	39	6	33	647.5615385	ug/kg	200	ug/kg	N	Y	0.308850956

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	39	6	33	647.5615385	ug/kg	20	ug/kg	N	Y	0.030885096
BIST024	LB131F2402	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	47	4	43	535.1042553	ug/kg	100	ug/kg	N	Y	0.186879471
BIST024	LB131F2406	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	47	4	43	535.1042553	ug/kg	200	ug/kg	N	Y	0.373758941
BIST024	LB131F2408	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	47	4	43	535.1042553	ug/kg	200	ug/kg	N	Y	0.373758941
BIST026	LB131F2601	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	43	9	34	800.8534884	ug/kg	40	ug/kg	N	Y	0.049946714
BIST025	LB131F2502	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	46	4	42	821.9695652	ug/kg	200	ug/kg	N	Y	0.243318011
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Benzo(k)fluoranthene	1	46	4	42	821.9695652	ug/kg	400	ug/kg	N	Y	0.486636023
BIST026	LB131F2604	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	43	9	34	800.8534884	ug/kg	100	ug/kg	N	Y	0.124866785
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	28	6	22	495.5035714	ug/kg	200	ug/kg	N	Y	0.403629785
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	28	6	22	495.5035714	ug/kg	40	ug/kg	N	Y	0.080725957
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	28	6	22	495.5035714	ug/kg	200	ug/kg	N	Y	0.403629785
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	27	6	21	4240.67037	ug/kg	200	ug/kg	N	Y	0.047162355
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	27	6	21	4240.67037	ug/kg	40	ug/kg	N	Y	0.009432471
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	27	6	21	692.1888889	ug/kg	200	ug/kg	N	Y	0.288938472
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	27	6	21	692.1888889	ug/kg	200	ug/kg	N	Y	0.288938472
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Benzo(k)fluoranthene	1	27	6	21	692.1888889	ug/kg	20	ug/kg	N	Y	0.028893847
BIST004	UB041F0401	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0402	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0404	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST005	UB051F0501	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0502	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0503	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0504	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0505	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0508	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0509	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0510	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0511	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0512	Sailfin molly	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0515	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0516	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0517	Sheepshead minnow	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0518	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0520	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0523	Gulf killifish	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0525	Sailfin molly	Whole Body	beta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST006	MB011F0605	Gulf killifish	Whole Body	beta-BHC	1	14	1	13	3.207142857	ug/kg	5	ug/kg	N	Y	1.559020045
BIST006	MB011F0607	Gulf killifish	Whole Body	beta-BHC	1	14	1	13	3.207142857	ug/kg	5	ug/kg	N	Y	1.559020045
BIST006	MB011F0615	Gulf killifish	Whole Body	beta-BHC	1	14	1	13	3.207142857	ug/kg	5	ug/kg	N	Y	1.559020045
BIST006	MB011F0616	Gulf killifish	Whole Body	beta-BHC	1	14	1	13	3.207142857	ug/kg	5	ug/kg	N	Y	1.559020045
BIST006	MB011F0624	Gulf killifish	Whole Body	beta-BHC	1	14	1	13	3.207142857	ug/kg	5	ug/kg	N	Y	1.559020045
BIST007	MB011F0702	Gulf killifish	Whole Body	beta-BHC	1	12	1	11	3.025	ug/kg	5	ug/kg	N	Y	1.652892562
BIST007	MB011F0703	Gulf killifish	Whole Body	beta-BHC	1	12	1	11	3.025	ug/kg	5	ug/kg	N	Y	1.652892562
BIST007	MB011F0704	Gulf killifish	Whole Body	beta-BHC	1	12	1	11	3.025	ug/kg	5	ug/kg	N	Y	1.652892562
BIST007	MB011F0706	Gulf killifish	Whole Body	beta-BHC	1	12	1	11	3.025	ug/kg	5	ug/kg	N	Y	1.652892562
BIST007	MB011F0708	Gulf killifish	Whole Body	beta-BHC	1	12	1	11	3.025	ug/kg	5	ug/kg	N	Y	1.652892562
BIST008	MB031F0803	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.3075	ug/kg	5	ug/kg	N	Y	0.684228532
BIST008	MB031F0804	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.3075	ug/kg	5	ug/kg	N	Y	0.684228532
BIST008	MB031F0805	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.3075	ug/kg	5	ug/kg	N	Y	0.684228532
BIST008	MB031F0806	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.3075	ug/kg	5	ug/kg	N	Y	0.684228532
BIST008	MB031F0811	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.3075	ug/kg	5	ug/kg	N	Y	0.684228532
BIST010	MB031F1001	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.295	ug/kg	5	ug/kg	N	Y	0.68540096
BIST010	MB031F1004	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.295	ug/kg	5	ug/kg	N	Y	0.68540096
BIST010	MB031F1006	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.295	ug/kg	5	ug/kg	N	Y	0.68540096

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST010	MB031F1009	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.295	ug/kg	5	ug/kg	N	Y	0.68540096
BIST010	MB031F1013	Gulf killifish	Whole Body	beta-BHC	1	20	3	17	7.295	ug/kg	5	ug/kg	N	Y	0.68540096
BIST011	LB011F1101	Gulf killifish	Whole Body	beta-BHC	1	26	18	8	83.63269231	ug/kg	5	ug/kg	N	Y	0.059785233
BIST011	LB011F1103	Gulf killifish	Whole Body	beta-BHC	1	26	18	8	83.63269231	ug/kg	5	ug/kg	N	Y	0.059785233
BIST011	LB011F1105	Gulf killifish	Whole Body	beta-BHC	1	26	18	8	83.63269231	ug/kg	5	ug/kg	N	Y	0.059785233
BIST012	LB011F1201	Gulf killifish	Whole Body	beta-BHC	1	29	18	11	84.04310345	ug/kg	5	ug/kg	N	Y	0.059493281
BIST012	LB011F1202	Gulf killifish	Whole Body	beta-BHC	1	29	18	11	84.04310345	ug/kg	5	ug/kg	N	Y	0.059493281
BIST012	LB011F1204	Gulf killifish	Whole Body	beta-BHC	1	29	18	11	84.04310345	ug/kg	5	ug/kg	N	Y	0.059493281
BIST013	LB011F1301	Gulf killifish	Whole Body	beta-BHC	1	29	19	10	90.00344828	ug/kg	5	ug/kg	N	Y	0.055553427
BIST013	LB011F1302	Gulf killifish	Whole Body	beta-BHC	1	29	19	10	90.00344828	ug/kg	5	ug/kg	N	Y	0.055553427
BIST013	LB011F1305	Gulf killifish	Whole Body	beta-BHC	1	29	19	10	90.00344828	ug/kg	5	ug/kg	N	Y	0.055553427
BIST015	LB031F1502	Gulf killifish	Whole Body	beta-BHC	1	24	7	17	31.30625	ug/kg	12	ug/kg	Y	Y	0.383310042
BIST015	LB031F1504	Gulf killifish	Whole Body	beta-BHC	1	24	7	17	31.30625	ug/kg	18	ug/kg	Y	Y	0.574965063
BIST015	LB031F1506	Gulf killifish	Whole Body	beta-BHC	1	24	7	17	31.30625	ug/kg	5	ug/kg	N	Y	0.159712517
BIST016	LB031F1601	Gulf killifish	Whole Body	beta-BHC	1	35	17	18	61.54142857	ug/kg	5	ug/kg	N	Y	0.081246083
BIST016	LB031F1602	Gulf killifish	Whole Body	beta-BHC	1	35	17	18	61.54142857	ug/kg	5	ug/kg	N	Y	0.081246083
BIST016	LB031F1610	Gulf killifish	Whole Body	beta-BHC	1	35	17	18	61.54142857	ug/kg	5	ug/kg	N	Y	0.081246083
BIST017	LB031F1702	Gulf killifish	Whole Body	beta-BHC	1	11	2	9	28.95454545	ug/kg	5	ug/kg	N	Y	0.172684458
BIST017	LB031F1703	Gulf killifish	Whole Body	beta-BHC	1	11	2	9	28.95454545	ug/kg	5	ug/kg	N	Y	0.172684458
BIST017	LB031F1704	Gulf killifish	Whole Body	beta-BHC	1	11	2	9	28.95454545	ug/kg	5	ug/kg	N	Y	0.172684458
BIST019	LB061F1901	Gulf killifish	Whole Body	beta-BHC	1	26	17	9	71.20192308	ug/kg	5	ug/kg	N	Y	0.070222822
BIST019	LB061F1902	Gulf killifish	Whole Body	beta-BHC	1	26	17	9	71.20192308	ug/kg	5	ug/kg	N	Y	0.070222822
BIST019	LB061F1903	Gulf killifish	Whole Body	beta-BHC	1	26	17	9	71.20192308	ug/kg	5	ug/kg	N	Y	0.070222822
BIST024	LB131F2402	Gulf killifish	Whole Body	beta-BHC	1	32	25	7	70.228125	ug/kg	5	ug/kg	N	Y	0.071196547
BIST024	LB131F2406	Gulf killifish	Whole Body	beta-BHC	1	32	25	7	70.228125	ug/kg	5	ug/kg	N	Y	0.071196547
BIST024	LB131F2408	Gulf killifish	Whole Body	beta-BHC	1	32	25	7	70.228125	ug/kg	11	ug/kg	Y	Y	0.156632403
BIST026	LB131F2601	Gulf killifish	Whole Body	beta-BHC	1	34	19	15	80.24411765	ug/kg	5	ug/kg	N	Y	0.062309863
BIST025	LB131F2501	Gulf killifish	Whole Body	beta-BHC	1	33	23	10	75.58484848	ug/kg	5	ug/kg	N	Y	0.066150824
BIST025	LB131F2502	Gulf killifish	Whole Body	beta-BHC	1	33	23	10	75.58484848	ug/kg	5	ug/kg	N	Y	0.066150824
BIST025	LB131F2503	Sheepshead minnow	Whole Body	beta-BHC	1	33	23	10	75.58484848	ug/kg	20	ug/kg	Y	Y	0.264603296
BIST026	LB131F2604	Gulf killifish	Whole Body	beta-BHC	1	34	19	15	80.24411765	ug/kg	5	ug/kg	N	Y	0.062309863
BIST027	PPGC1F2705	Gulf killifish	Whole Body	beta-BHC	1	26	15	11	92.11730769	ug/kg	15	ug/kg	Y	Y	0.162835849
BIST027	PPGC1F2706	Gulf killifish	Whole Body	beta-BHC	1	26	15	11	92.11730769	ug/kg	5	ug/kg	N	Y	0.054278616
BIST027	PPGC1F2712	Gulf killifish	Whole Body	beta-BHC	1	26	15	11	92.11730769	ug/kg	5	ug/kg	N	Y	0.054278616
BIST028	PPGC1F2802	Gulf killifish	Whole Body	beta-BHC	1	22	9	13	59.71363636	ug/kg	5	ug/kg	N	Y	0.083732968
BIST028	PPGC1F2803	Gulf killifish	Whole Body	beta-BHC	1	22	9	13	59.71363636	ug/kg	5	ug/kg	N	Y	0.083732968
BIST028	PPGC1F2806	Gulf killifish	Whole Body	beta-BHC	1	22	9	13	59.71363636	ug/kg	5	ug/kg	N	Y	0.083732968
BIST029	PPGC1F2903	Gulf killifish	Whole Body	beta-BHC	1	25	12	13	85.51	ug/kg	5	ug/kg	N	Y	0.058472693
BIST029	PPGC1F2904	Gulf killifish	Whole Body	beta-BHC	1	25	12	13	85.51	ug/kg	14	ug/kg	Y	Y	0.163723541
BIST029	PPGC1F2905	Gulf killifish	Whole Body	beta-BHC	1	25	12	13	85.51	ug/kg	5	ug/kg	N	Y	0.058472693
BIST004	UB041F0401	Gulf killifish	Whole Body	Cadmium	1	14	4	10	0.264285714	mg/kg	0.03	mg/kg	Y	Y	0.113513514
BIST004	UB041F0402	Gulf killifish	Whole Body	Cadmium	1	14	4	10	0.264285714	mg/kg	0.005	mg/kg	N	Y	0.018918919
BIST004	UB041F0404	Gulf killifish	Whole Body	Cadmium	1	14	4	10	0.264285714	mg/kg	0.005	mg/kg	N	Y	0.018918919
BIST005	UB051F0501	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.01	mg/kg	Y	Y	0.039622066
BIST005	UB051F0502	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.01	mg/kg	Y	Y	0.039622066
BIST005	UB051F0503	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.01	mg/kg	Y	Y	0.039622066
BIST005	UB051F0504	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.01	mg/kg	Y	Y	0.039622066
BIST005	UB051F0505	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0508	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0509	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0510	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0511	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0512	Sailfin molly	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0515	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0516	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0518	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0520	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0523	Gulf killifish	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST005	UB051F0525	Sailfin molly	Whole Body	Cadmium	1	13	1	12	0.252384615	mg/kg	0.005	mg/kg	N	Y	0.019811033
BIST006	MB011F0605	Gulf killifish	Whole Body	Cadmium	1	15	2	13	0.256733333	mg/kg	0.005	mg/kg	N	Y	0.019475461
BIST006	MB011F0607	Gulf killifish	Whole Body	Cadmium	1	15	2	13	0.256733333	mg/kg	0.005	mg/kg	N	Y	0.019475461
BIST006	MB011F0615	Gulf killifish	Whole Body	Cadmium	1	15	2	13	0.256733333	mg/kg	0.005	mg/kg	N	Y	0.019475461
BIST006	MB011F0616	Gulf killifish	Whole Body	Cadmium	1	15	2	13	0.256733333	mg/kg	0.02	mg/kg	N	Y	0.077901844
BIST006	MB011F0624	Gulf killifish	Whole Body	Cadmium	1	15	2	13	0.256733333	mg/kg	0.005	mg/kg	N	Y	0.019475461
BIST007	MB011F0702	Gulf killifish	Whole Body	Cadmium	1	12	2	10	0.226333333	mg/kg	0.005	mg/kg	N	Y	0.022091311
BIST007	MB011F0703	Gulf killifish	Whole Body	Cadmium	1	12	2	10	0.226333333	mg/kg	0.005	mg/kg	N	Y	0.022091311
BIST007	MB011F0704	Gulf killifish	Whole Body	Cadmium	1	12	2	10	0.226333333	mg/kg	0.005	mg/kg	N	Y	0.022091311
BIST007	MB011F0706	Gulf killifish	Whole Body	Cadmium	1	12	2	10	0.226333333	mg/kg	0.005	mg/kg	N	Y	0.022091311
BIST007	MB011F0708	Gulf killifish	Whole Body	Cadmium	1	12	2	10	0.226333333	mg/kg	0.005	mg/kg	N	Y	0.022091311
BIST008	MB031F0803	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.417	mg/kg	0.005	mg/kg	N	Y	0.011990408
BIST008	MB031F0804	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.417	mg/kg	0.005	mg/kg	N	Y	0.011990408
BIST008	MB031F0805	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.417	mg/kg	0.005	mg/kg	N	Y	0.011990408
BIST008	MB031F0806	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.417	mg/kg	0.02	mg/kg	N	Y	0.047961631
BIST008	MB031F0811	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.417	mg/kg	0.005	mg/kg	N	Y	0.011990408
BIST010	MB031F1001	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.41325	mg/kg	0.02	mg/kg	N	Y	0.048396854
BIST010	MB031F1004	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.41325	mg/kg	0.02	mg/kg	N	Y	0.048396854
BIST010	MB031F1006	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.41325	mg/kg	0.02	mg/kg	N	Y	0.048396854
BIST010	MB031F1009	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.41325	mg/kg	0.005	mg/kg	N	Y	0.012099214
BIST010	MB031F1013	Gulf killifish	Whole Body	Cadmium	1	20	5	15	0.41325	mg/kg	0.005	mg/kg	N	Y	0.012099214
BIST011	LB011F1101	Gulf killifish	Whole Body	Cadmium	1	29	6	23	0.467413793	mg/kg	0.005	mg/kg	N	Y	0.01069716
BIST011	LB011F1103	Gulf killifish	Whole Body	Cadmium	1	29	6	23	0.467413793	mg/kg	0.005	mg/kg	N	Y	0.01069716
BIST011	LB011F1105	Gulf killifish	Whole Body	Cadmium	1	29	6	23	0.467413793	mg/kg	0.005	mg/kg	N	Y	0.01069716
BIST012	LB011F1201	Gulf killifish	Whole Body	Cadmium	1	34	7	27	0.406617647	mg/kg	0.005	mg/kg	N	Y	0.012296564
BIST012	LB011F1202	Gulf killifish	Whole Body	Cadmium	1	34	7	27	0.406617647	mg/kg	0.005	mg/kg	N	Y	0.012296564
BIST012	LB011F1204	Gulf killifish	Whole Body	Cadmium	1	34	7	27	0.406617647	mg/kg	0.005	mg/kg	N	Y	0.012296564
BIST013	LB011F1301	Gulf killifish	Whole Body	Cadmium	1	36	8	28	0.379027778	mg/kg	0.005	mg/kg	N	Y	0.013191645
BIST013	LB011F1302	Gulf killifish	Whole Body	Cadmium	1	36	8	28	0.379027778	mg/kg	0.005	mg/kg	N	Y	0.013191645
BIST013	LB011F1305	Gulf killifish	Whole Body	Cadmium	1	36	8	28	0.379027778	mg/kg	0.005	mg/kg	N	Y	0.013191645
BIST015	LB031F1502	Gulf killifish	Whole Body	Cadmium	1	40	7	33	0.386	mg/kg	0.005	mg/kg	N	Y	0.012953368
BIST015	LB031F1504	Gulf killifish	Whole Body	Cadmium	1	40	7	33	0.386	mg/kg	0.005	mg/kg	N	Y	0.012953368
BIST015	LB031F1506	Gulf killifish	Whole Body	Cadmium	1	40	7	33	0.386	mg/kg	0.005	mg/kg	N	Y	0.012953368
BIST016	LB031F1601	Gulf killifish	Whole Body	Cadmium	1	50	11	39	0.3533	mg/kg	0.005	mg/kg	N	Y	0.014152279
BIST016	LB031F1602	Gulf killifish	Whole Body	Cadmium	1	50	11	39	0.3533	mg/kg	0.005	mg/kg	N	Y	0.014152279
BIST016	LB031F1610	Gulf killifish	Whole Body	Cadmium	1	50	11	39	0.3533	mg/kg	0.005	mg/kg	N	Y	0.014152279
BIST017	LB031F1702	Gulf killifish	Whole Body	Cadmium	1	18	4	14	0.461666667	mg/kg	0.005	mg/kg	N	Y	0.010830325
BIST017	LB031F1703	Gulf killifish	Whole Body	Cadmium	1	18	4	14	0.461666667	mg/kg	0.005	mg/kg	N	Y	0.010830325
BIST017	LB031F1704	Gulf killifish	Whole Body	Cadmium	1	18	4	14	0.461666667	mg/kg	0.005	mg/kg	N	Y	0.010830325
BIST019	LB061F1901	Gulf killifish	Whole Body	Cadmium	1	38	8	30	0.312631579	mg/kg	0.005	mg/kg	N	Y	0.015993266
BIST019	LB061F1902	Gulf killifish	Whole Body	Cadmium	1	38	8	30	0.312631579	mg/kg	0.005	mg/kg	N	Y	0.015993266
BIST019	LB061F1903	Gulf killifish	Whole Body	Cadmium	1	38	8	30	0.312631579	mg/kg	0.005	mg/kg	N	Y	0.015993266
BIST024	LB131F2402	Gulf killifish	Whole Body	Cadmium	1	47	7	40	0.273297872	mg/kg	0.005	mg/kg	N	Y	0.018295056
BIST024	LB131F2406	Gulf killifish	Whole Body	Cadmium	1	47	7	40	0.273297872	mg/kg	0.005	mg/kg	N	Y	0.018295056
BIST024	LB131F2408	Gulf killifish	Whole Body	Cadmium	1	47	7	40	0.273297872	mg/kg	0.005	mg/kg	N	Y	0.018295056
BIST026	LB131F2601	Gulf killifish	Whole Body	Cadmium	1	46	11	35	0.28423913	mg/kg	0.005	mg/kg	N	Y	0.017590822
BIST025	LB131F2501	Gulf killifish	Whole Body	Cadmium	1	47	8	39	0.315	mg/kg	0.005	mg/kg	N	Y	0.015873016
BIST025	LB131F2502	Gulf killifish	Whole Body	Cadmium	1	47	8	39	0.315	mg/kg	0.005	mg/kg	N	Y	0.015873016
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Cadmium	1	47	8	39	0.315	mg/kg	0.005	mg/kg	N	Y	0.015873016

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST026	LB131F2604	Gulf killifish	Whole Body	Cadmium	1	46	11	35	0.28423913	mg/kg	0.005	mg/kg	N	Y	0.017590822
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Cadmium	1	31	7	24	0.42483871	mg/kg	0.005	mg/kg	N	Y	0.011769172
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Cadmium	1	31	7	24	0.42483871	mg/kg	0.005	mg/kg	N	Y	0.011769172
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Cadmium	1	31	7	24	0.42483871	mg/kg	0.005	mg/kg	N	Y	0.011769172
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Cadmium	1	30	7	23	0.382	mg/kg	0.005	mg/kg	N	Y	0.013089005
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Cadmium	1	30	7	23	0.382	mg/kg	0.005	mg/kg	N	Y	0.013089005
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Cadmium	1	30	7	23	0.382	mg/kg	0.005	mg/kg	N	Y	0.013089005
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Cadmium	1	31	7	24	0.436612903	mg/kg	0.005	mg/kg	N	Y	0.011451792
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Cadmium	1	31	7	24	0.436612903	mg/kg	0.005	mg/kg	N	Y	0.011451792
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Cadmium	1	31	7	24	0.436612903	mg/kg	0.005	mg/kg	N	Y	0.011451792
BIST004	UB041F0401	Gulf killifish	Whole Body	Chromium	1	13	13	0	49.2	mg/kg	0.33	mg/kg	Y	Y	0.006707317
BIST004	UB041F0402	Gulf killifish	Whole Body	Chromium	1	13	13	0	49.2	mg/kg	0.26	mg/kg	Y	Y	0.005284553
BIST004	UB041F0404	Gulf killifish	Whole Body	Chromium	1	13	13	0	49.2	mg/kg	0.25	mg/kg	Y	Y	0.005081301
BIST005	UB051F0501	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.48	mg/kg	Y	Y	0.009311348
BIST005	UB051F0502	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.32	mg/kg	Y	Y	0.006207565
BIST005	UB051F0503	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.37	mg/kg	Y	Y	0.007177498
BIST005	UB051F0504	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.48	mg/kg	Y	Y	0.009311348
BIST005	UB051F0505	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.33	mg/kg	Y	Y	0.006401552
BIST005	UB051F0508	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.44	mg/kg	Y	Y	0.008535403
BIST005	UB051F0509	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.22	mg/kg	Y	Y	0.004267701
BIST005	UB051F0510	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.37	mg/kg	Y	Y	0.007177498
BIST005	UB051F0511	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.31	mg/kg	Y	Y	0.006013579
BIST005	UB051F0512	Sailfin molly	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.48	mg/kg	Y	Y	0.009311348
BIST005	UB051F0515	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.29	mg/kg	Y	Y	0.005625606
BIST005	UB051F0516	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.19	mg/kg	Y	Y	0.003685742
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.38	mg/kg	Y	Y	0.007371484
BIST005	UB051F0518	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.47	mg/kg	Y	Y	0.009117362
BIST005	UB051F0520	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.28	mg/kg	Y	Y	0.00543162
BIST005	UB051F0523	Gulf killifish	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.57	mg/kg	Y	Y	0.011057226
BIST005	UB051F0525	Sailfin molly	Whole Body	Chromium	1	12	12	0	51.55	mg/kg	0.79	mg/kg	Y	Y	0.015324927
BIST006	MB011F0605	Gulf killifish	Whole Body	Chromium	1	13	13	0	109.4615385	mg/kg	0.37	mg/kg	Y	Y	0.003380183
BIST006	MB011F0607	Gulf killifish	Whole Body	Chromium	1	13	13	0	109.4615385	mg/kg	0.25	mg/kg	Y	Y	0.002283907
BIST006	MB011F0615	Gulf killifish	Whole Body	Chromium	1	13	13	0	109.4615385	mg/kg	0.41	mg/kg	Y	Y	0.003745608
BIST006	MB011F0616	Gulf killifish	Whole Body	Chromium	1	13	13	0	109.4615385	mg/kg	0.31	mg/kg	Y	Y	0.002832045
BIST006	MB011F0624	Gulf killifish	Whole Body	Chromium	1	13	13	0	109.4615385	mg/kg	0.31	mg/kg	Y	Y	0.002832045
BIST007	MB011F0702	Gulf killifish	Whole Body	Chromium	1	10	10	0	48.1	mg/kg	0.29	mg/kg	Y	Y	0.006029106
BIST007	MB011F0703	Gulf killifish	Whole Body	Chromium	1	10	10	0	48.1	mg/kg	0.38	mg/kg	Y	Y	0.007900208
BIST007	MB011F0704	Gulf killifish	Whole Body	Chromium	1	10	10	0	48.1	mg/kg	0.42	mg/kg	Y	Y	0.008731809
BIST007	MB011F0706	Gulf killifish	Whole Body	Chromium	1	10	10	0	48.1	mg/kg	0.38	mg/kg	Y	Y	0.007900208
BIST007	MB011F0708	Gulf killifish	Whole Body	Chromium	1	10	10	0	48.1	mg/kg	0.36	mg/kg	Y	Y	0.007484407
BIST008	MB031F0803	Gulf killifish	Whole Body	Chromium	1	17	17	0	183.3705882	mg/kg	0.35	mg/kg	Y	Y	0.001908703
BIST008	MB031F0804	Gulf killifish	Whole Body	Chromium	1	17	17	0	183.3705882	mg/kg	0.5	mg/kg	Y	Y	0.002726719
BIST008	MB031F0805	Gulf killifish	Whole Body	Chromium	1	17	17	0	183.3705882	mg/kg	0.35	mg/kg	Y	Y	0.001908703
BIST008	MB031F0806	Gulf killifish	Whole Body	Chromium	1	17	17	0	183.3705882	mg/kg	0.35	mg/kg	Y	Y	0.001908703
BIST008	MB031F0811	Gulf killifish	Whole Body	Chromium	1	17	17	0	183.3705882	mg/kg	0.38	mg/kg	Y	Y	0.002072306
BIST010	MB031F1001	Gulf killifish	Whole Body	Chromium	1	17	17	0	144.7764706	mg/kg	0.45	mg/kg	Y	Y	0.00310824
BIST010	MB031F1004	Gulf killifish	Whole Body	Chromium	1	17	17	0	144.7764706	mg/kg	2.1	mg/kg	Y	Y	0.014505119
BIST010	MB031F1006	Gulf killifish	Whole Body	Chromium	1	17	17	0	144.7764706	mg/kg	0.45	mg/kg	Y	Y	0.00310824
BIST010	MB031F1009	Gulf killifish	Whole Body	Chromium	1	17	17	0	144.7764706	mg/kg	0.38	mg/kg	Y	Y	0.002624736
BIST010	MB031F1013	Gulf killifish	Whole Body	Chromium	1	17	17	0	144.7764706	mg/kg	0.43	mg/kg	Y	Y	0.002970096
BIST011	LB011F1101	Gulf killifish	Whole Body	Chromium	1	23	23	0	94.13913043	mg/kg	0.39	mg/kg	Y	Y	0.004142804
BIST011	LB011F1103	Gulf killifish	Whole Body	Chromium	1	23	23	0	94.13913043	mg/kg	0.41	mg/kg	Y	Y	0.004355256
BIST011	LB011F1105	Gulf killifish	Whole Body	Chromium	1	23	23	0	94.13913043	mg/kg	0.35	mg/kg	Y	Y	0.003717901
BIST012	LB011F1201	Gulf killifish	Whole Body	Chromium	1	25	25	0	74.88	mg/kg	0.31	mg/kg	Y	Y	0.004139957

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								Sediment Samples						Tissue Sample		
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST012	LB011F1202	Gulf killifish	Whole Body	Chromium	1	25	25	0	74.88	mg/kg	0.36	mg/kg	Y	Y	0.004807692
BIST012	LB011F1204	Gulf killifish	Whole Body	Chromium	1	25	25	0	74.88	mg/kg	0.41	mg/kg	Y	Y	0.005475427
BIST013	LB011F1301	Gulf killifish	Whole Body	Chromium	1	26	26	0	72.98076923	mg/kg	0.57	mg/kg	Y	Y	0.007810277
BIST013	LB011F1302	Gulf killifish	Whole Body	Chromium	1	26	26	0	72.98076923	mg/kg	0.4	mg/kg	Y	Y	0.005480896
BIST013	LB011F1305	Gulf killifish	Whole Body	Chromium	1	26	26	0	72.98076923	mg/kg	0.31	mg/kg	Y	Y	0.004247694
BIST015	LB031F1502	Gulf killifish	Whole Body	Chromium	1	31	31	0	58.24193548	mg/kg	0.39	mg/kg	Y	Y	0.006696206
BIST015	LB031F1504	Gulf killifish	Whole Body	Chromium	1	31	31	0	58.24193548	mg/kg	0.26	mg/kg	Y	Y	0.004464137
BIST015	LB031F1506	Gulf killifish	Whole Body	Chromium	1	31	31	0	58.24193548	mg/kg	0.33	mg/kg	Y	Y	0.00566602
BIST016	LB031F1601	Gulf killifish	Whole Body	Chromium	1	42	42	0	52.93333333	mg/kg	0.26	mg/kg	Y	Y	0.004911839
BIST016	LB031F1602	Gulf killifish	Whole Body	Chromium	1	42	42	0	52.93333333	mg/kg	0.33	mg/kg	Y	Y	0.006234257
BIST016	LB031F1610	Gulf killifish	Whole Body	Chromium	1	42	42	0	52.93333333	mg/kg	0.33	mg/kg	Y	Y	0.006234257
BIST017	LB031F1702	Gulf killifish	Whole Body	Chromium	1	15	15	0	53.7	mg/kg	0.28	mg/kg	Y	Y	0.005214153
BIST017	LB031F1703	Gulf killifish	Whole Body	Chromium	1	15	15	0	53.7	mg/kg	0.3	mg/kg	Y	Y	0.005586592
BIST017	LB031F1704	Gulf killifish	Whole Body	Chromium	1	15	15	0	53.7	mg/kg	0.26	mg/kg	Y	Y	0.004841713
BIST019	LB061F1901	Gulf killifish	Whole Body	Chromium	1	33	33	0	60.28181818	mg/kg	0.27	mg/kg	Y	Y	0.004478962
BIST019	LB061F1902	Gulf killifish	Whole Body	Chromium	1	33	33	0	60.28181818	mg/kg	0.33	mg/kg	Y	Y	0.005474287
BIST019	LB061F1903	Gulf killifish	Whole Body	Chromium	1	33	33	0	60.28181818	mg/kg	0.24	mg/kg	Y	Y	0.0039813
BIST024	LB131F2402	Gulf killifish	Whole Body	Chromium	1	43	43	0	66.29767442	mg/kg	0.29	mg/kg	Y	Y	0.004374211
BIST024	LB131F2406	Gulf killifish	Whole Body	Chromium	1	43	43	0	66.29767442	mg/kg	0.33	mg/kg	Y	Y	0.00497755
BIST024	LB131F2408	Gulf killifish	Whole Body	Chromium	1	43	43	0	66.29767442	mg/kg	0.29	mg/kg	Y	Y	0.004374211
BIST026	LB131F2601	Gulf killifish	Whole Body	Chromium	1	34	34	0	70.64705882	mg/kg	0.39	mg/kg	Y	Y	0.0055204
BIST025	LB131F2501	Gulf killifish	Whole Body	Chromium	1	41	41	0	69.60487805	mg/kg	0.43	mg/kg	Y	Y	0.006177728
BIST025	LB131F2502	Gulf killifish	Whole Body	Chromium	1	41	41	0	69.60487805	mg/kg	0.35	mg/kg	Y	Y	0.005028383
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Chromium	1	41	41	0	69.60487805	mg/kg	0.52	mg/kg	Y	Y	0.007470741
BIST026	LB131F2604	Gulf killifish	Whole Body	Chromium	1	34	34	0	70.64705882	mg/kg	0.35	mg/kg	Y	Y	0.004954205
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Chromium	1	22	22	0	67.28636364	mg/kg	0.32	mg/kg	Y	Y	0.004755793
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Chromium	1	22	22	0	67.28636364	mg/kg	0.25	mg/kg	Y	Y	0.003715463
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Chromium	1	22	22	0	67.28636364	mg/kg	0.29	mg/kg	Y	Y	0.004309937
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Chromium	1	20	20	0	61.92	mg/kg	0.24	mg/kg	Y	Y	0.003875969
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Chromium	1	20	20	0	61.92	mg/kg	0.25	mg/kg	Y	Y	0.004037468
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Chromium	1	20	20	0	61.92	mg/kg	0.25	mg/kg	Y	Y	0.004037468
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Chromium	1	21	21	0	70.46190476	mg/kg	0.37	mg/kg	Y	Y	0.005251064
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Chromium	1	21	21	0	70.46190476	mg/kg	0.36	mg/kg	Y	Y	0.005109144
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Chromium	1	21	21	0	70.46190476	mg/kg	0.4	mg/kg	Y	Y	0.005676826
BIST004	UB041F0401	Gulf killifish	Whole Body	Chrysene	1	15	3	12	755.92	ug/kg	100	ug/kg	N	Y	0.132289131
BIST004	UB041F0402	Gulf killifish	Whole Body	Chrysene	1	15	3	12	755.92	ug/kg	20	ug/kg	N	Y	0.026457826
BIST004	UB041F0404	Gulf killifish	Whole Body	Chrysene	1	15	3	12	755.92	ug/kg	100	ug/kg	N	Y	0.132289131
BIST005	UB051F0501	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	40	ug/kg	N	Y	0.052462192
BIST005	UB051F0502	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	20	ug/kg	N	Y	0.026231096
BIST005	UB051F0503	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	40	ug/kg	N	Y	0.052462192
BIST005	UB051F0504	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	40	ug/kg	N	Y	0.052462192
BIST005	UB051F0508	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	20	ug/kg	N	Y	0.026231096
BIST005	UB051F0509	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	20	ug/kg	N	Y	0.026231096
BIST005	UB051F0510	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	20	ug/kg	N	Y	0.026231096
BIST005	UB051F0511	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	20	ug/kg	N	Y	0.026231096
BIST005	UB051F0512	Sailfin molly	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	80	ug/kg	N	Y	0.104924384
BIST005	UB051F0515	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	100	ug/kg	N	Y	0.13115548
BIST005	UB051F0516	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	40	ug/kg	N	Y	0.052462192
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	20	ug/kg	N	Y	0.026231096
BIST005	UB051F0518	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	20	ug/kg	N	Y	0.026231096
BIST005	UB051F0520	Gulf killifish	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	40	ug/kg	N	Y	0.052462192
BIST005	UB051F0525	Sailfin molly	Whole Body	Chrysene	1	13	4	9	762.4538462	ug/kg	60	ug/kg	N	Y	0.078693288
BIST006	MB011F0605	Gulf killifish	Whole Body	Chrysene	1	15	4	11	354.26	ug/kg	100	ug/kg	N	Y	0.282278552
BIST006	MB011F0607	Gulf killifish	Whole Body	Chrysene	1	15	4	11	354.26	ug/kg	200	ug/kg	N	Y	0.564557105

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB011F0615	Gulf killifish	Whole Body	Chrysene	1	15	4	11	354.26	ug/kg	200	ug/kg	N	Y	0.564557105
BIST006	MB011F0616	Gulf killifish	Whole Body	Chrysene	1	15	4	11	354.26	ug/kg	100	ug/kg	N	Y	0.282278552
BIST006	MB011F0624	Gulf killifish	Whole Body	Chrysene	1	15	4	11	354.26	ug/kg	100	ug/kg	N	Y	0.282278552
BIST007	MB011F0702	Gulf killifish	Whole Body	Chrysene	1	12	5	7	368.6583333	ug/kg	100	ug/kg	N	Y	0.271253871
BIST007	MB011F0703	Gulf killifish	Whole Body	Chrysene	1	12	5	7	368.6583333	ug/kg	100	ug/kg	N	Y	0.271253871
BIST007	MB011F0704	Gulf killifish	Whole Body	Chrysene	1	12	5	7	368.6583333	ug/kg	100	ug/kg	N	Y	0.271253871
BIST007	MB011F0706	Gulf killifish	Whole Body	Chrysene	1	12	5	7	368.6583333	ug/kg	100	ug/kg	N	Y	0.271253871
BIST007	MB011F0708	Gulf killifish	Whole Body	Chrysene	1	12	5	7	368.6583333	ug/kg	100	ug/kg	N	Y	0.271253871
BIST008	MB031F0803	Gulf killifish	Whole Body	Chrysene	1	20	5	15	559.995	ug/kg	100	ug/kg	N	Y	0.178573023
BIST008	MB031F0805	Gulf killifish	Whole Body	Chrysene	1	20	5	15	559.995	ug/kg	100	ug/kg	N	Y	0.178573023
BIST008	MB031F0806	Gulf killifish	Whole Body	Chrysene	1	20	5	15	559.995	ug/kg	100	ug/kg	N	Y	0.178573023
BIST008	MB031F0811	Gulf killifish	Whole Body	Chrysene	1	20	5	15	559.995	ug/kg	100	ug/kg	N	Y	0.178573023
BIST010	MB031F1001	Gulf killifish	Whole Body	Chrysene	1	20	5	15	554.495	ug/kg	100	ug/kg	N	Y	0.180344277
BIST010	MB031F1004	Gulf killifish	Whole Body	Chrysene	1	20	5	15	554.495	ug/kg	100	ug/kg	N	Y	0.180344277
BIST010	MB031F1006	Gulf killifish	Whole Body	Chrysene	1	20	5	15	554.495	ug/kg	100	ug/kg	N	Y	0.180344277
BIST010	MB031F1009	Gulf killifish	Whole Body	Chrysene	1	20	5	15	554.495	ug/kg	100	ug/kg	N	Y	0.180344277
BIST010	MB031F1013	Gulf killifish	Whole Body	Chrysene	1	20	5	15	554.495	ug/kg	100	ug/kg	N	Y	0.180344277
BIST011	LB011F1101	Gulf killifish	Whole Body	Chrysene	1	30	10	20	627.2	ug/kg	200	ug/kg	N	Y	0.318877551
BIST011	LB011F1103	Gulf killifish	Whole Body	Chrysene	1	30	10	20	627.2	ug/kg	200	ug/kg	N	Y	0.318877551
BIST011	LB011F1105	Gulf killifish	Whole Body	Chrysene	1	30	10	20	627.2	ug/kg	200	ug/kg	N	Y	0.318877551
BIST012	LB011F1201	Gulf killifish	Whole Body	Chrysene	1	36	13	23	614.5805556	ug/kg	200	ug/kg	N	Y	0.3254252
BIST012	LB011F1202	Gulf killifish	Whole Body	Chrysene	1	36	13	23	614.5805556	ug/kg	100	ug/kg	N	Y	0.1627126
BIST012	LB011F1204	Gulf killifish	Whole Body	Chrysene	1	36	13	23	614.5805556	ug/kg	20	ug/kg	N	Y	0.03254252
BIST013	LB011F1301	Gulf killifish	Whole Body	Chrysene	1	37	14	23	551.9162162	ug/kg	100	ug/kg	N	Y	0.181186921
BIST013	LB011F1302	Gulf killifish	Whole Body	Chrysene	1	37	14	23	551.9162162	ug/kg	40	ug/kg	N	Y	0.072474768
BIST013	LB011F1305	Gulf killifish	Whole Body	Chrysene	1	37	14	23	551.9162162	ug/kg	100	ug/kg	N	Y	0.181186921
BIST015	LB031F1502	Gulf killifish	Whole Body	Chrysene	1	43	15	28	3603.811628	ug/kg	100	ug/kg	N	Y	0.027748398
BIST015	LB031F1504	Gulf killifish	Whole Body	Chrysene	1	43	15	28	3603.811628	ug/kg	200	ug/kg	N	Y	0.055496796
BIST015	LB031F1506	Gulf killifish	Whole Body	Chrysene	1	43	15	28	3603.811628	ug/kg	100	ug/kg	N	Y	0.027748398
BIST016	LB031F1601	Gulf killifish	Whole Body	Chrysene	1	55	19	36	2968.272727	ug/kg	200	ug/kg	N	Y	0.067379253
BIST016	LB031F1602	Gulf killifish	Whole Body	Chrysene	1	55	19	36	2968.272727	ug/kg	20	ug/kg	N	Y	0.006737925
BIST016	LB031F1610	Gulf killifish	Whole Body	Chrysene	1	55	19	36	2968.272727	ug/kg	20	ug/kg	N	Y	0.006737925
BIST017	LB031F1702	Gulf killifish	Whole Body	Chrysene	1	19	7	12	7228.947368	ug/kg	500	ug/kg	N	Y	0.069166363
BIST017	LB031F1703	Gulf killifish	Whole Body	Chrysene	1	19	7	12	7228.947368	ug/kg	60	ug/kg	N	Y	0.008299964
BIST017	LB031F1704	Gulf killifish	Whole Body	Chrysene	1	19	7	12	7228.947368	ug/kg	40	ug/kg	N	Y	0.005533309
BIST019	LB061F1901	Gulf killifish	Whole Body	Chrysene	1	42	13	29	667.5	ug/kg	20	ug/kg	N	Y	0.029962547
BIST019	LB061F1902	Gulf killifish	Whole Body	Chrysene	1	42	13	29	667.5	ug/kg	200	ug/kg	N	Y	0.299625468
BIST019	LB061F1903	Gulf killifish	Whole Body	Chrysene	1	42	13	29	667.5	ug/kg	20	ug/kg	N	Y	0.029962547
BIST024	LB131F2402	Gulf killifish	Whole Body	Chrysene	1	50	11	39	541	ug/kg	100	ug/kg	N	Y	0.184842884
BIST024	LB131F2406	Gulf killifish	Whole Body	Chrysene	1	50	11	39	541	ug/kg	200	ug/kg	N	Y	0.369685767
BIST024	LB131F2408	Gulf killifish	Whole Body	Chrysene	1	50	11	39	541	ug/kg	200	ug/kg	N	Y	0.369685767
BIST026	LB131F2601	Gulf killifish	Whole Body	Chrysene	1	49	18	31	852.1204082	ug/kg	40	ug/kg	N	Y	0.046941723
BIST025	LB131F2502	Gulf killifish	Whole Body	Chrysene	1	51	12	39	832.0196078	ug/kg	200	ug/kg	N	Y	0.24037895
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Chrysene	1	51	12	39	832.0196078	ug/kg	400	ug/kg	N	Y	0.480757901
BIST026	LB131F2604	Gulf killifish	Whole Body	Chrysene	1	49	18	31	852.1204082	ug/kg	100	ug/kg	N	Y	0.117354307
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Chrysene	1	32	13	19	573.121875	ug/kg	200	ug/kg	N	Y	0.348965916
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Chrysene	1	32	13	19	573.121875	ug/kg	40	ug/kg	N	Y	0.069793183
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Chrysene	1	32	13	19	573.121875	ug/kg	200	ug/kg	N	Y	0.348965916
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Chrysene	1	31	13	18	3838.867742	ug/kg	200	ug/kg	N	Y	0.052098695
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Chrysene	1	31	13	18	3838.867742	ug/kg	100	ug/kg	N	Y	0.026049348
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Chrysene	1	31	13	18	3838.867742	ug/kg	40	ug/kg	N	Y	0.010419739
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Chrysene	1	31	12	19	752.5774194	ug/kg	200	ug/kg	N	Y	0.265753389
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Chrysene	1	31	12	19	752.5774194	ug/kg	200	ug/kg	N	Y	0.265753389
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Chrysene	1	31	12	19	752.5774194	ug/kg	20	ug/kg	N	Y	0.026575339

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								Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST004	UB041F0401	Gulf killifish	Whole Body	Copper	1	14	14	0	34.15714286	mg/kg	2	mg/kg	Y	Y	0.058552907
BIST004	UB041F0402	Gulf killifish	Whole Body	Copper	1	14	14	0	34.15714286	mg/kg	1.4	mg/kg	Y	Y	0.040987035
BIST004	UB041F0404	Gulf killifish	Whole Body	Copper	1	14	14	0	34.15714286	mg/kg	1.2	mg/kg	Y	Y	0.035131744
BIST005	UB051F0501	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	2.6	mg/kg	Y	Y	0.070671378
BIST005	UB051F0502	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	2.5	mg/kg	Y	Y	0.067953248
BIST005	UB051F0503	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	2	mg/kg	Y	Y	0.054362599
BIST005	UB051F0504	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	2.1	mg/kg	Y	Y	0.057080728
BIST005	UB051F0505	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	1.9	mg/kg	Y	Y	0.051644469
BIST005	UB051F0508	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	2.1	mg/kg	Y	Y	0.057080728
BIST005	UB051F0509	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	1.7	mg/kg	Y	Y	0.046208209
BIST005	UB051F0510	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	2.3	mg/kg	Y	Y	0.062516988
BIST005	UB051F0511	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	8.1	mg/kg	Y	Y	0.220168524
BIST005	UB051F0512	Sailfin molly	Whole Body	Copper	1	13	13	0	36.79	mg/kg	5.8	mg/kg	Y	Y	0.157651536
BIST005	UB051F0515	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	1.7	mg/kg	Y	Y	0.046208209
BIST005	UB051F0516	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	0.91	mg/kg	Y	Y	0.024734982
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Copper	1	13	13	0	36.79	mg/kg	6.7	mg/kg	Y	Y	0.182114705
BIST005	UB051F0518	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	4.2	mg/kg	Y	Y	0.114161457
BIST005	UB051F0520	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	2.2	mg/kg	Y	Y	0.059798858
BIST005	UB051F0523	Gulf killifish	Whole Body	Copper	1	13	13	0	36.79	mg/kg	1.5	mg/kg	Y	Y	0.040771949
BIST005	UB051F0525	Sailfin molly	Whole Body	Copper	1	13	13	0	36.79	mg/kg	5.3	mg/kg	Y	Y	0.144060886
BIST006	MB011F0605	Gulf killifish	Whole Body	Copper	1	15	15	0	40.00466667	mg/kg	2.9	mg/kg	Y	Y	0.072491543
BIST006	MB011F0607	Gulf killifish	Whole Body	Copper	1	15	15	0	40.00466667	mg/kg	2.4	mg/kg	Y	Y	0.059993001
BIST006	MB011F0615	Gulf killifish	Whole Body	Copper	1	15	15	0	40.00466667	mg/kg	8.2	mg/kg	Y	Y	0.204976086
BIST006	MB011F0616	Gulf killifish	Whole Body	Copper	1	15	15	0	40.00466667	mg/kg	2	mg/kg	Y	Y	0.049994167
BIST006	MB011F0624	Gulf killifish	Whole Body	Copper	1	15	15	0	40.00466667	mg/kg	2	mg/kg	Y	Y	0.049994167
BIST007	MB011F0702	Gulf killifish	Whole Body	Copper	1	12	12	0	34.5975	mg/kg	1.5	mg/kg	Y	Y	0.043355734
BIST007	MB011F0703	Gulf killifish	Whole Body	Copper	1	12	12	0	34.5975	mg/kg	2.2	mg/kg	Y	Y	0.06358841
BIST007	MB011F0704	Gulf killifish	Whole Body	Copper	1	12	12	0	34.5975	mg/kg	1.9	mg/kg	Y	Y	0.054917263
BIST007	MB011F0706	Gulf killifish	Whole Body	Copper	1	12	12	0	34.5975	mg/kg	3.2	mg/kg	Y	Y	0.092492232
BIST007	MB011F0708	Gulf killifish	Whole Body	Copper	1	12	12	0	34.5975	mg/kg	2	mg/kg	Y	Y	0.057807645
BIST008	MB031F0803	Gulf killifish	Whole Body	Copper	1	20	20	0	56.545	mg/kg	1.6	mg/kg	Y	Y	0.028296047
BIST008	MB031F0804	Gulf killifish	Whole Body	Copper	1	20	20	0	56.545	mg/kg	2	mg/kg	Y	Y	0.035370059
BIST008	MB031F0805	Gulf killifish	Whole Body	Copper	1	20	20	0	56.545	mg/kg	1.9	mg/kg	Y	Y	0.033601556
BIST008	MB031F0806	Gulf killifish	Whole Body	Copper	1	20	20	0	56.545	mg/kg	1.9	mg/kg	Y	Y	0.033601556
BIST008	MB031F0811	Gulf killifish	Whole Body	Copper	1	20	20	0	56.545	mg/kg	1.9	mg/kg	Y	Y	0.033601556
BIST010	MB031F1001	Gulf killifish	Whole Body	Copper	1	20	20	0	53.66	mg/kg	2.2	mg/kg	Y	Y	0.040998882
BIST010	MB031F1004	Gulf killifish	Whole Body	Copper	1	20	20	0	53.66	mg/kg	12	mg/kg	Y	Y	0.223630265
BIST010	MB031F1006	Gulf killifish	Whole Body	Copper	1	20	20	0	53.66	mg/kg	2.5	mg/kg	Y	Y	0.046589638
BIST010	MB031F1009	Gulf killifish	Whole Body	Copper	1	20	20	0	53.66	mg/kg	2.2	mg/kg	Y	Y	0.040998882
BIST010	MB031F1013	Gulf killifish	Whole Body	Copper	1	20	20	0	53.66	mg/kg	2.1	mg/kg	Y	Y	0.039135296
BIST011	LB011F1101	Gulf killifish	Whole Body	Copper	1	30	30	0	171.52	mg/kg	6.8	mg/kg	Y	Y	0.039645522
BIST011	LB011F1103	Gulf killifish	Whole Body	Copper	1	30	30	0	171.52	mg/kg	6.7	mg/kg	Y	Y	0.0390625
BIST011	LB011F1105	Gulf killifish	Whole Body	Copper	1	30	30	0	171.52	mg/kg	6.6	mg/kg	Y	Y	0.038479478
BIST012	LB011F1201	Gulf killifish	Whole Body	Copper	1	35	35	0	160.8142857	mg/kg	5.6	mg/kg	Y	Y	0.034822777
BIST012	LB011F1202	Gulf killifish	Whole Body	Copper	1	35	35	0	160.8142857	mg/kg	8.7	mg/kg	Y	Y	0.054099671
BIST012	LB011F1204	Gulf killifish	Whole Body	Copper	1	35	35	0	160.8142857	mg/kg	6.7	mg/kg	Y	Y	0.041662965
BIST013	LB011F1301	Gulf killifish	Whole Body	Copper	1	37	37	0	160.1486486	mg/kg	4.5	mg/kg	Y	Y	0.028098895
BIST013	LB011F1302	Gulf killifish	Whole Body	Copper	1	37	37	0	160.1486486	mg/kg	5.2	mg/kg	Y	Y	0.032469834
BIST013	LB011F1305	Gulf killifish	Whole Body	Copper	1	37	37	0	160.1486486	mg/kg	4.9	mg/kg	Y	Y	0.030596574
BIST015	LB031F1502	Gulf killifish	Whole Body	Copper	1	40	40	0	184.43	mg/kg	4.3	mg/kg	Y	Y	0.023315079
BIST015	LB031F1504	Gulf killifish	Whole Body	Copper	1	40	40	0	184.43	mg/kg	3.9	mg/kg	Y	Y	0.021146234
BIST015	LB031F1506	Gulf killifish	Whole Body	Copper	1	40	40	0	184.43	mg/kg	4.7	mg/kg	Y	Y	0.025483923
BIST016	LB031F1601	Gulf killifish	Whole Body	Copper	1	51	51	0	162.7764706	mg/kg	2.8	mg/kg	Y	Y	0.017201503
BIST016	LB031F1602	Gulf killifish	Whole Body	Copper	1	51	51	0	162.7764706	mg/kg	3.1	mg/kg	Y	Y	0.019044522

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST016	LB031F1610	Gulf killifish	Whole Body	Copper	1	51	51	0	162.7764706	mg/kg	2.7	mg/kg	Y	Y	0.016587164
BIST017	LB031F1702	Gulf killifish	Whole Body	Copper	1	18	18	0	242.05	mg/kg	2.5	mg/kg	Y	Y	0.010328445
BIST017	LB031F1703	Gulf killifish	Whole Body	Copper	1	18	18	0	242.05	mg/kg	2	mg/kg	Y	Y	0.008262756
BIST017	LB031F1704	Gulf killifish	Whole Body	Copper	1	18	18	0	242.05	mg/kg	2	mg/kg	Y	Y	0.008262756
BIST019	LB061F1901	Gulf killifish	Whole Body	Copper	1	39	39	0	121.1205128	mg/kg	2.7	mg/kg	Y	Y	0.022291847
BIST019	LB061F1902	Gulf killifish	Whole Body	Copper	1	39	39	0	121.1205128	mg/kg	2.3	mg/kg	Y	Y	0.018989352
BIST019	LB061F1903	Gulf killifish	Whole Body	Copper	1	39	39	0	121.1205128	mg/kg	2	mg/kg	Y	Y	0.01651248
BIST024	LB131F2402	Gulf killifish	Whole Body	Copper	1	49	49	0	113.4428571	mg/kg	4.2	mg/kg	Y	Y	0.037023045
BIST024	LB131F2406	Gulf killifish	Whole Body	Copper	1	49	49	0	113.4428571	mg/kg	4.3	mg/kg	Y	Y	0.037904546
BIST024	LB131F2408	Gulf killifish	Whole Body	Copper	1	49	49	0	113.4428571	mg/kg	3.6	mg/kg	Y	Y	0.031734039
BIST026	LB131F2601	Gulf killifish	Whole Body	Copper	1	48	48	0	150.0375	mg/kg	4.1	mg/kg	Y	Y	0.027326502
BIST025	LB131F2501	Gulf killifish	Whole Body	Copper	1	49	49	0	140.7938776	mg/kg	5.2	mg/kg	Y	Y	0.036933424
BIST025	LB131F2502	Gulf killifish	Whole Body	Copper	1	49	49	0	140.7938776	mg/kg	5.1	mg/kg	Y	Y	0.036223166
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Copper	1	49	49	0	140.7938776	mg/kg	17.4	mg/kg	Y	Y	0.123584919
BIST026	LB131F2604	Gulf killifish	Whole Body	Copper	1	48	48	0	150.0375	mg/kg	4.1	mg/kg	Y	Y	0.027326502
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Copper	1	32	32	0	170.55625	mg/kg	5.9	mg/kg	Y	Y	0.034592693
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Copper	1	32	32	0	170.55625	mg/kg	5.6	mg/kg	Y	Y	0.032833743
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Copper	1	32	32	0	170.55625	mg/kg	4.8	mg/kg	Y	Y	0.028143208
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Copper	1	30	30	0	158.9066667	mg/kg	3.9	mg/kg	Y	Y	0.024542709
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Copper	1	30	30	0	158.9066667	mg/kg	4.9	mg/kg	Y	Y	0.030835711
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Copper	1	30	30	0	158.9066667	mg/kg	4.5	mg/kg	Y	Y	0.02831851
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Copper	1	31	31	0	198.0806452	mg/kg	6.5	mg/kg	Y	Y	0.032814917
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Copper	1	31	31	0	198.0806452	mg/kg	6.5	mg/kg	Y	Y	0.032814917
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Copper	1	31	31	0	198.0806452	mg/kg	7.4	mg/kg	Y	Y	0.037358521
BIST004	UB041F0401	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0402	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0404	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST005	UB051F0501	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0502	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0503	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0504	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0505	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0508	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0509	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0510	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0511	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0512	Sailfin molly	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0515	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0516	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0517	Sheepshead minnow	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0518	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0520	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0523	Gulf killifish	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0525	Sailfin molly	Whole Body	delta-BHC	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST006	MB011F0605	Gulf killifish	Whole Body	delta-BHC	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0607	Gulf killifish	Whole Body	delta-BHC	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0615	Gulf killifish	Whole Body	delta-BHC	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0616	Gulf killifish	Whole Body	delta-BHC	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0624	Gulf killifish	Whole Body	delta-BHC	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST007	MB011F0702	Gulf killifish	Whole Body	delta-BHC	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0703	Gulf killifish	Whole Body	delta-BHC	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0704	Gulf killifish	Whole Body	delta-BHC	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0706	Gulf killifish	Whole Body	delta-BHC	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0708	Gulf killifish	Whole Body	delta-BHC	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031F0803	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.875	ug/kg	5	ug/kg	N	Y	0.85106383
BIST008	MB031F0804	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.875	ug/kg	5	ug/kg	N	Y	0.85106383
BIST008	MB031F0805	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.875	ug/kg	5	ug/kg	N	Y	0.85106383
BIST008	MB031F0806	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.875	ug/kg	5	ug/kg	N	Y	0.85106383
BIST008	MB031F0811	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.875	ug/kg	5	ug/kg	N	Y	0.85106383
BIST010	MB031F1001	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.8625	ug/kg	5	ug/kg	N	Y	0.852878465
BIST010	MB031F1004	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.8625	ug/kg	5	ug/kg	N	Y	0.852878465
BIST010	MB031F1006	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.8625	ug/kg	5	ug/kg	N	Y	0.852878465
BIST010	MB031F1009	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.8625	ug/kg	5	ug/kg	N	Y	0.852878465
BIST010	MB031F1013	Gulf killifish	Whole Body	delta-BHC	1	20	1	19	5.8625	ug/kg	5	ug/kg	N	Y	0.852878465
BIST011	LB011F1101	Gulf killifish	Whole Body	delta-BHC	1	26	11	15	8.467307692	ug/kg	5	ug/kg	N	Y	0.590506473
BIST011	LB011F1103	Gulf killifish	Whole Body	delta-BHC	1	26	11	15	8.467307692	ug/kg	5	ug/kg	N	Y	0.590506473
BIST011	LB011F1105	Gulf killifish	Whole Body	delta-BHC	1	26	11	15	8.467307692	ug/kg	5	ug/kg	N	Y	0.590506473
BIST012	LB011F1201	Gulf killifish	Whole Body	delta-BHC	1	29	11	18	8.822413793	ug/kg	5	ug/kg	N	Y	0.566738323
BIST012	LB011F1202	Gulf killifish	Whole Body	delta-BHC	1	29	11	18	8.822413793	ug/kg	5	ug/kg	N	Y	0.566738323
BIST012	LB011F1204	Gulf killifish	Whole Body	delta-BHC	1	29	11	18	8.822413793	ug/kg	5	ug/kg	N	Y	0.566738323
BIST013	LB011F1301	Gulf killifish	Whole Body	delta-BHC	1	29	11	18	10.67068966	ug/kg	5	ug/kg	N	Y	0.468573275
BIST013	LB011F1302	Gulf killifish	Whole Body	delta-BHC	1	29	11	18	10.67068966	ug/kg	5	ug/kg	N	Y	0.468573275
BIST013	LB011F1305	Gulf killifish	Whole Body	delta-BHC	1	29	11	18	10.67068966	ug/kg	5	ug/kg	N	Y	0.468573275
BIST015	LB031F1502	Gulf killifish	Whole Body	delta-BHC	1	24	3	21	11.76041667	ug/kg	5	ug/kg	N	Y	0.425155004
BIST015	LB031F1504	Gulf killifish	Whole Body	delta-BHC	1	24	3	21	11.76041667	ug/kg	5	ug/kg	N	Y	0.425155004
BIST015	LB031F1506	Gulf killifish	Whole Body	delta-BHC	1	24	3	21	11.76041667	ug/kg	5	ug/kg	N	Y	0.425155004
BIST016	LB031F1601	Gulf killifish	Whole Body	delta-BHC	1	35	10	25	14.87857143	ug/kg	5	ug/kg	N	Y	0.336053769
BIST016	LB031F1602	Gulf killifish	Whole Body	delta-BHC	1	35	10	25	14.87857143	ug/kg	5	ug/kg	N	Y	0.336053769
BIST016	LB031F1610	Gulf killifish	Whole Body	delta-BHC	1	35	10	25	14.87857143	ug/kg	5	ug/kg	N	Y	0.336053769
BIST017	LB031F1702	Gulf killifish	Whole Body	delta-BHC	1	11	1	10	16.56363636	ug/kg	5	ug/kg	N	Y	0.301866081
BIST017	LB031F1703	Gulf killifish	Whole Body	delta-BHC	1	11	1	10	16.56363636	ug/kg	5	ug/kg	N	Y	0.301866081
BIST017	LB031F1704	Gulf killifish	Whole Body	delta-BHC	1	11	1	10	16.56363636	ug/kg	5	ug/kg	N	Y	0.301866081
BIST019	LB061F1901	Gulf killifish	Whole Body	delta-BHC	1	26	11	15	12.87884615	ug/kg	5	ug/kg	N	Y	0.388233537
BIST019	LB061F1902	Gulf killifish	Whole Body	delta-BHC	1	26	11	15	12.87884615	ug/kg	5	ug/kg	N	Y	0.388233537
BIST019	LB061F1903	Gulf killifish	Whole Body	delta-BHC	1	26	11	15	12.87884615	ug/kg	5	ug/kg	N	Y	0.388233537
BIST024	LB131F2402	Gulf killifish	Whole Body	delta-BHC	1	32	18	14	12.0890625	ug/kg	5	ug/kg	N	Y	0.413597001
BIST024	LB131F2406	Gulf killifish	Whole Body	delta-BHC	1	32	18	14	12.0890625	ug/kg	5	ug/kg	N	Y	0.413597001
BIST024	LB131F2408	Gulf killifish	Whole Body	delta-BHC	1	32	18	14	12.0890625	ug/kg	5	ug/kg	N	Y	0.413597001
BIST026	LB131F2601	Gulf killifish	Whole Body	delta-BHC	1	34	14	20	13.63088235	ug/kg	5	ug/kg	N	Y	0.366814112
BIST025	LB131F2501	Gulf killifish	Whole Body	delta-BHC	1	33	17	16	12.48	ug/kg	5	ug/kg	N	Y	0.400641026
BIST025	LB131F2502	Gulf killifish	Whole Body	delta-BHC	1	33	17	16	12.48	ug/kg	5	ug/kg	N	Y	0.400641026
BIST025	LB131F2503	Sheepshead minnow	Whole Body	delta-BHC	1	33	17	16	12.48	ug/kg	5	ug/kg	N	Y	0.400641026
BIST026	LB131F2604	Gulf killifish	Whole Body	delta-BHC	1	34	14	20	13.63088235	ug/kg	5	ug/kg	N	Y	0.366814112
BIST027	PPGC1F2705	Gulf killifish	Whole Body	delta-BHC	1	26	9	17	9.673076923	ug/kg	5	ug/kg	N	Y	0.516898608
BIST027	PPGC1F2706	Gulf killifish	Whole Body	delta-BHC	1	26	9	17	9.673076923	ug/kg	5	ug/kg	N	Y	0.516898608
BIST027	PPGC1F2712	Gulf killifish	Whole Body	delta-BHC	1	26	9	17	9.673076923	ug/kg	5	ug/kg	N	Y	0.516898608
BIST028	PPGC1F2802	Gulf killifish	Whole Body	delta-BHC	1	22	7	15	9.381818182	ug/kg	5	ug/kg	N	Y	0.532945736
BIST028	PPGC1F2803	Gulf killifish	Whole Body	delta-BHC	1	22	7	15	9.381818182	ug/kg	5	ug/kg	N	Y	0.532945736
BIST028	PPGC1F2806	Gulf killifish	Whole Body	delta-BHC	1	22	7	15	9.381818182	ug/kg	5	ug/kg	N	Y	0.532945736
BIST029	PPGC1F2903	Gulf killifish	Whole Body	delta-BHC	1	25	9	16	9.476	ug/kg	5	ug/kg	N	Y	0.527648797
BIST029	PPGC1F2904	Gulf killifish	Whole Body	delta-BHC	1	25	9	16	9.476	ug/kg	5	ug/kg	N	Y	0.527648797
BIST029	PPGC1F2905	Gulf killifish	Whole Body	delta-BHC	1	25	9	16	9.476	ug/kg	5	ug/kg	N	Y	0.527648797
BIST004	UB041F0402	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	15	1	14	777.8533333	ug/kg	20	ug/kg	N	Y	0.025711788
BIST005	UB051F0501	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0502	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0503	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0504	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0508	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0509	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0510	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0511	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0512	Sailfin molly	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	80	ug/kg	N	Y	0.089385475
BIST005	UB051F0515	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	100	ug/kg	N	Y	0.111731844
BIST005	UB051F0516	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0518	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	20	ug/kg	N	Y	0.022346369
BIST005	UB051F0520	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	40	ug/kg	N	Y	0.044692737
BIST005	UB051F0525	Sailfin molly	Whole Body	Dibenzo(a,h)anthracene	1	12	0	12	895	ug/kg	60	ug/kg	N	Y	0.067039106
BIST006	MB011F0607	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	14	1	13	377.3642857	ug/kg	200	ug/kg	N	Y	0.529991861
BIST006	MB011F0615	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	14	1	13	377.3642857	ug/kg	200	ug/kg	N	Y	0.529991861
BIST007	MB011F0704	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	11	1	10	472.1	ug/kg	200	ug/kg	N	Y	0.42363906
BIST011	LB011F1101	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	28	4	24	546.1678571	ug/kg	200	ug/kg	N	Y	0.366187789
BIST011	LB011F1103	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	28	4	24	546.1678571	ug/kg	200	ug/kg	N	Y	0.366187789
BIST011	LB011F1105	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	28	4	24	546.1678571	ug/kg	200	ug/kg	N	Y	0.366187789
BIST012	LB011F1201	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	31	4	27	588.7967742	ug/kg	200	ug/kg	N	Y	0.339675774
BIST012	LB011F1202	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	31	4	27	588.7967742	ug/kg	100	ug/kg	N	Y	0.169837887
BIST012	LB011F1204	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	31	4	27	588.7967742	ug/kg	20	ug/kg	N	Y	0.033967577
BIST013	LB011F1301	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	32	5	27	511.234375	ug/kg	100	ug/kg	N	Y	0.195605
BIST013	LB011F1302	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	32	5	27	511.234375	ug/kg	40	ug/kg	N	Y	0.078242
BIST013	LB011F1305	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	32	5	27	511.234375	ug/kg	100	ug/kg	N	Y	0.195605
BIST015	LB031F1502	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	39	4	35	3737.702564	ug/kg	100	ug/kg	N	Y	0.026754403
BIST015	LB031F1504	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	39	4	35	3737.702564	ug/kg	200	ug/kg	N	Y	0.053508806
BIST015	LB031F1506	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	39	4	35	3737.702564	ug/kg	100	ug/kg	N	Y	0.026754403
BIST016	LB031F1601	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	51	5	46	3007.209804	ug/kg	200	ug/kg	N	Y	0.066506833
BIST016	LB031F1602	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	51	5	46	3007.209804	ug/kg	20	ug/kg	N	Y	0.006650683
BIST016	LB031F1610	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	51	5	46	3007.209804	ug/kg	20	ug/kg	N	Y	0.006650683
BIST017	LB031F1703	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	19	3	16	6873.421053	ug/kg	60	ug/kg	N	Y	0.008729278
BIST017	LB031F1704	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	19	3	16	6873.421053	ug/kg	40	ug/kg	N	Y	0.005819518
BIST019	LB061F1901	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	38	2	36	665.2026316	ug/kg	20	ug/kg	N	Y	0.030066027
BIST019	LB061F1902	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	38	2	36	665.2026316	ug/kg	200	ug/kg	N	Y	0.300660266
BIST019	LB061F1903	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	38	2	36	665.2026316	ug/kg	20	ug/kg	N	Y	0.030066027
BIST024	LB131F2402	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	46	2	44	547.9934783	ug/kg	100	ug/kg	N	Y	0.182483924
BIST024	LB131F2406	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	46	2	44	547.9934783	ug/kg	200	ug/kg	N	Y	0.364967847
BIST024	LB131F2408	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	46	2	44	547.9934783	ug/kg	200	ug/kg	N	Y	0.364967847
BIST026	LB131F2601	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	43	7	36	815.7255814	ug/kg	40	ug/kg	N	Y	0.049036099
BIST025	LB131F2502	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	47	4	43	809.5787234	ug/kg	200	ug/kg	N	Y	0.247042065
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Dibenzo(a,h)anthracene	1	47	4	43	809.5787234	ug/kg	400	ug/kg	N	Y	0.494084131
BIST026	LB131F2604	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	43	7	36	815.7255814	ug/kg	100	ug/kg	N	Y	0.122590246
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	27	4	23	535.8407407	ug/kg	200	ug/kg	N	Y	0.373245229
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	27	4	23	535.8407407	ug/kg	40	ug/kg	N	Y	0.074649046
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	27	4	23	535.8407407	ug/kg	200	ug/kg	N	Y	0.373245229
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	26	4	22	4417.192308	ug/kg	200	ug/kg	N	Y	0.04527763
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	26	4	22	4417.192308	ug/kg	40	ug/kg	N	Y	0.009055526
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	26	4	22	741.6423077	ug/kg	200	ug/kg	N	Y	0.269671778
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	26	4	22	741.6423077	ug/kg	200	ug/kg	N	Y	0.269671778
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Dibenzo(a,h)anthracene	1	26	4	22	741.6423077	ug/kg	20	ug/kg	N	Y	0.026967178
BIST004	UB041F0401	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0402	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0404	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST005	UB051F0501	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0502	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0503	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0504	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0505	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0508	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0509	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0510	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0511	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0512	Sailfin molly	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0515	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0516	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0518	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0520	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0523	Gulf killifish	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0525	Sailfin molly	Whole Body	Endosulfan I	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST006	MB011F0605	Gulf killifish	Whole Body	Endosulfan I	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0607	Gulf killifish	Whole Body	Endosulfan I	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0615	Gulf killifish	Whole Body	Endosulfan I	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0616	Gulf killifish	Whole Body	Endosulfan I	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0624	Gulf killifish	Whole Body	Endosulfan I	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST007	MB011F0702	Gulf killifish	Whole Body	Endosulfan I	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0703	Gulf killifish	Whole Body	Endosulfan I	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0704	Gulf killifish	Whole Body	Endosulfan I	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0706	Gulf killifish	Whole Body	Endosulfan I	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0708	Gulf killifish	Whole Body	Endosulfan I	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST008	MB031F0803	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0804	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0805	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0806	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0811	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST010	MB031F1001	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1004	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1006	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1009	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1013	Gulf killifish	Whole Body	Endosulfan I	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST011	LB011F1101	Gulf killifish	Whole Body	Endosulfan I	1	26	1	25	23.75153846	ug/kg	5	ug/kg	N	Y	0.210512679
BIST011	LB011F1103	Gulf killifish	Whole Body	Endosulfan I	1	26	1	25	23.75153846	ug/kg	5	ug/kg	N	Y	0.210512679
BIST011	LB011F1105	Gulf killifish	Whole Body	Endosulfan I	1	26	1	25	23.75153846	ug/kg	5	ug/kg	N	Y	0.210512679
BIST012	LB011F1201	Gulf killifish	Whole Body	Endosulfan I	1	29	1	28	22.72034483	ug/kg	5	ug/kg	N	Y	0.220067083
BIST012	LB011F1202	Gulf killifish	Whole Body	Endosulfan I	1	29	1	28	22.72034483	ug/kg	5	ug/kg	N	Y	0.220067083
BIST012	LB011F1204	Gulf killifish	Whole Body	Endosulfan I	1	29	1	28	22.72034483	ug/kg	5	ug/kg	N	Y	0.220067083
BIST013	LB011F1301	Gulf killifish	Whole Body	Endosulfan I	1	29	1	28	23.08068966	ug/kg	5	ug/kg	N	Y	0.216631308
BIST013	LB011F1302	Gulf killifish	Whole Body	Endosulfan I	1	29	1	28	23.08068966	ug/kg	5	ug/kg	N	Y	0.216631308
BIST013	LB011F1305	Gulf killifish	Whole Body	Endosulfan I	1	29	1	28	23.08068966	ug/kg	5	ug/kg	N	Y	0.216631308
BIST015	LB031F1502	Gulf killifish	Whole Body	Endosulfan I	1	24	3	21	12.02458333	ug/kg	5	ug/kg	N	Y	0.415814824
BIST015	LB031F1504	Gulf killifish	Whole Body	Endosulfan I	1	24	3	21	12.02458333	ug/kg	5	ug/kg	N	Y	0.415814824
BIST015	LB031F1506	Gulf killifish	Whole Body	Endosulfan I	1	24	3	21	12.02458333	ug/kg	5	ug/kg	N	Y	0.415814824
BIST016	LB031F1601	Gulf killifish	Whole Body	Endosulfan I	1	35	6	29	13.40457143	ug/kg	5	ug/kg	N	Y	0.373007076
BIST016	LB031F1602	Gulf killifish	Whole Body	Endosulfan I	1	35	6	29	13.40457143	ug/kg	5	ug/kg	N	Y	0.373007076
BIST016	LB031F1610	Gulf killifish	Whole Body	Endosulfan I	1	35	6	29	13.40457143	ug/kg	5	ug/kg	N	Y	0.373007076
BIST017	LB031F1702	Gulf killifish	Whole Body	Endosulfan I	1	11	3	8	16.23090909	ug/kg	5	ug/kg	N	Y	0.308054218
BIST017	LB031F1703	Gulf killifish	Whole Body	Endosulfan I	1	11	3	8	16.23090909	ug/kg	5	ug/kg	N	Y	0.308054218
BIST017	LB031F1704	Gulf killifish	Whole Body	Endosulfan I	1	11	3	8	16.23090909	ug/kg	5	ug/kg	N	Y	0.308054218
BIST019	LB061F1901	Gulf killifish	Whole Body	Endosulfan I	1	26	3	23	11.11423077	ug/kg	5	ug/kg	N	Y	0.449873689
BIST019	LB061F1902	Gulf killifish	Whole Body	Endosulfan I	1	26	3	23	11.11423077	ug/kg	5	ug/kg	N	Y	0.449873689

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST019	LB061F1903	Gulf killifish	Whole Body	Endosulfan I	1	26	3	23	11.11423077	ug/kg	5	ug/kg	N	Y	0.449873689
BIST024	LB131F2402	Gulf killifish	Whole Body	Endosulfan I	1	32	4	28	10.3815625	ug/kg	5	ug/kg	N	Y	0.48162307
BIST024	LB131F2406	Gulf killifish	Whole Body	Endosulfan I	1	32	4	28	10.3815625	ug/kg	5	ug/kg	N	Y	0.48162307
BIST024	LB131F2408	Gulf killifish	Whole Body	Endosulfan I	1	32	4	28	10.3815625	ug/kg	5	ug/kg	N	Y	0.48162307
BIST026	LB131F2601	Gulf killifish	Whole Body	Endosulfan I	1	34	5	29	24.83852941	ug/kg	5	ug/kg	N	Y	0.201300162
BIST025	LB131F2501	Gulf killifish	Whole Body	Endosulfan I	1	33	5	28	10.85787879	ug/kg	5	ug/kg	N	Y	0.460495102
BIST025	LB131F2502	Gulf killifish	Whole Body	Endosulfan I	1	33	5	28	10.85787879	ug/kg	5	ug/kg	N	Y	0.460495102
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Endosulfan I	1	33	5	28	10.85787879	ug/kg	5	ug/kg	N	Y	0.460495102
BIST026	LB131F2604	Gulf killifish	Whole Body	Endosulfan I	1	34	5	29	24.83852941	ug/kg	5	ug/kg	N	Y	0.201300162
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Endosulfan I	1	26	1	25	25.00923077	ug/kg	5	ug/kg	N	Y	0.199926181
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Endosulfan I	1	26	1	25	25.00923077	ug/kg	5	ug/kg	N	Y	0.199926181
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Endosulfan I	1	26	1	25	25.00923077	ug/kg	5	ug/kg	N	Y	0.199926181
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Endosulfan I	1	22	2	20	28.64954545	ug/kg	5	ug/kg	N	Y	0.174522839
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Endosulfan I	1	22	2	20	28.64954545	ug/kg	5	ug/kg	N	Y	0.174522839
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Endosulfan I	1	22	2	20	28.64954545	ug/kg	5	ug/kg	N	Y	0.174522839
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Endosulfan I	1	25	2	23	25.5676	ug/kg	5	ug/kg	N	Y	0.195560006
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Endosulfan I	1	25	2	23	25.5676	ug/kg	5	ug/kg	N	Y	0.195560006
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Endosulfan I	1	25	2	23	25.5676	ug/kg	5	ug/kg	N	Y	0.195560006
BIST004	UB041F0401	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0402	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0404	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST005	UB051F0501	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0502	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0503	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0504	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0505	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0508	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0509	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0510	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0511	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0512	Sailfin molly	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0515	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0516	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0518	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0520	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0523	Gulf killifish	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0525	Sailfin molly	Whole Body	Endosulfan II	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST006	MB011F0605	Gulf killifish	Whole Body	Endosulfan II	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0607	Gulf killifish	Whole Body	Endosulfan II	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0615	Gulf killifish	Whole Body	Endosulfan II	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0616	Gulf killifish	Whole Body	Endosulfan II	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0624	Gulf killifish	Whole Body	Endosulfan II	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST007	MB011F0702	Gulf killifish	Whole Body	Endosulfan II	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0703	Gulf killifish	Whole Body	Endosulfan II	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0704	Gulf killifish	Whole Body	Endosulfan II	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0706	Gulf killifish	Whole Body	Endosulfan II	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0708	Gulf killifish	Whole Body	Endosulfan II	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST008	MB031F0803	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.76	ug/kg	5	ug/kg	N	Y	0.644329897
BIST008	MB031F0804	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.76	ug/kg	5	ug/kg	N	Y	0.644329897
BIST008	MB031F0805	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.76	ug/kg	5	ug/kg	N	Y	0.644329897
BIST008	MB031F0806	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.76	ug/kg	5	ug/kg	N	Y	0.644329897
BIST008	MB031F0811	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.76	ug/kg	5	ug/kg	N	Y	0.644329897
BIST010	MB031F1001	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.7375	ug/kg	5	ug/kg	N	Y	0.646203554

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST010	MB031F1004	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.7375	ug/kg	5	ug/kg	N	Y	0.646203554
BIST010	MB031F1006	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.7375	ug/kg	5	ug/kg	N	Y	0.646203554
BIST010	MB031F1009	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.7375	ug/kg	5	ug/kg	N	Y	0.646203554
BIST010	MB031F1013	Gulf killifish	Whole Body	Endosulfan II	1	20	1	19	7.7375	ug/kg	5	ug/kg	N	Y	0.646203554
BIST011	LB011F1101	Gulf killifish	Whole Body	Endosulfan II	1	26	4	22	11.03076923	ug/kg	5	ug/kg	N	Y	0.453277545
BIST011	LB011F1103	Gulf killifish	Whole Body	Endosulfan II	1	26	4	22	11.03076923	ug/kg	5	ug/kg	N	Y	0.453277545
BIST011	LB011F1105	Gulf killifish	Whole Body	Endosulfan II	1	26	4	22	11.03076923	ug/kg	5	ug/kg	N	Y	0.453277545
BIST012	LB011F1201	Gulf killifish	Whole Body	Endosulfan II	1	29	3	26	11.98793103	ug/kg	5	ug/kg	N	Y	0.41708615
BIST012	LB011F1202	Gulf killifish	Whole Body	Endosulfan II	1	29	3	26	11.98793103	ug/kg	5	ug/kg	N	Y	0.41708615
BIST012	LB011F1204	Gulf killifish	Whole Body	Endosulfan II	1	29	3	26	11.98793103	ug/kg	5	ug/kg	N	Y	0.41708615
BIST013	LB011F1301	Gulf killifish	Whole Body	Endosulfan II	1	29	3	26	12.30172414	ug/kg	5	ug/kg	N	Y	0.406447092
BIST013	LB011F1302	Gulf killifish	Whole Body	Endosulfan II	1	29	3	26	12.30172414	ug/kg	5	ug/kg	N	Y	0.406447092
BIST013	LB011F1305	Gulf killifish	Whole Body	Endosulfan II	1	29	3	26	12.30172414	ug/kg	5	ug/kg	N	Y	0.406447092
BIST015	LB031F1502	Gulf killifish	Whole Body	Endosulfan II	1	24	1	23	19.7	ug/kg	5	ug/kg	N	Y	0.253807107
BIST015	LB031F1504	Gulf killifish	Whole Body	Endosulfan II	1	24	1	23	19.7	ug/kg	5	ug/kg	N	Y	0.253807107
BIST015	LB031F1506	Gulf killifish	Whole Body	Endosulfan II	1	24	1	23	19.7	ug/kg	5	ug/kg	N	Y	0.253807107
BIST016	LB031F1601	Gulf killifish	Whole Body	Endosulfan II	1	35	5	30	23.69571429	ug/kg	5	ug/kg	N	Y	0.211008621
BIST016	LB031F1602	Gulf killifish	Whole Body	Endosulfan II	1	35	5	30	23.69571429	ug/kg	5	ug/kg	N	Y	0.211008621
BIST016	LB031F1610	Gulf killifish	Whole Body	Endosulfan II	1	35	5	30	23.69571429	ug/kg	5	ug/kg	N	Y	0.211008621
BIST017	LB031F1702	Gulf killifish	Whole Body	Endosulfan II	1	11	1	10	28.38636364	ug/kg	5	ug/kg	N	Y	0.176140913
BIST017	LB031F1703	Gulf killifish	Whole Body	Endosulfan II	1	11	1	10	28.38636364	ug/kg	5	ug/kg	N	Y	0.176140913
BIST017	LB031F1704	Gulf killifish	Whole Body	Endosulfan II	1	11	1	10	28.38636364	ug/kg	5	ug/kg	N	Y	0.176140913
BIST019	LB061F1901	Gulf killifish	Whole Body	Endosulfan II	1	26	5	21	20.09807692	ug/kg	5	ug/kg	N	Y	0.248780021
BIST019	LB061F1902	Gulf killifish	Whole Body	Endosulfan II	1	26	5	21	20.09807692	ug/kg	5	ug/kg	N	Y	0.248780021
BIST019	LB061F1903	Gulf killifish	Whole Body	Endosulfan II	1	26	5	21	20.09807692	ug/kg	5	ug/kg	N	Y	0.248780021
BIST024	LB131F2402	Gulf killifish	Whole Body	Endosulfan II	1	32	4	28	17.7203125	ug/kg	5	ug/kg	N	Y	0.282162067
BIST024	LB131F2406	Gulf killifish	Whole Body	Endosulfan II	1	32	4	28	17.7203125	ug/kg	5	ug/kg	N	Y	0.282162067
BIST024	LB131F2408	Gulf killifish	Whole Body	Endosulfan II	1	32	4	28	17.7203125	ug/kg	5	ug/kg	N	Y	0.282162067
BIST026	LB131F2601	Gulf killifish	Whole Body	Endosulfan II	1	34	3	31	18.90441176	ug/kg	5	ug/kg	N	Y	0.264488526
BIST025	LB131F2501	Gulf killifish	Whole Body	Endosulfan II	1	33	4	29	18.41363636	ug/kg	5	ug/kg	N	Y	0.271537892
BIST025	LB131F2502	Gulf killifish	Whole Body	Endosulfan II	1	33	4	29	18.41363636	ug/kg	5	ug/kg	N	Y	0.271537892
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Endosulfan II	1	33	4	29	18.41363636	ug/kg	5	ug/kg	N	Y	0.271537892
BIST026	LB131F2604	Gulf killifish	Whole Body	Endosulfan II	1	34	3	31	18.90441176	ug/kg	5	ug/kg	N	Y	0.264488526
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Endosulfan II	1	26	2	24	12.94423077	ug/kg	5	ug/kg	N	Y	0.386272471
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Endosulfan II	1	26	2	24	12.94423077	ug/kg	5	ug/kg	N	Y	0.386272471
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Endosulfan II	1	26	2	24	12.94423077	ug/kg	5	ug/kg	N	Y	0.386272471
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Endosulfan II	1	22	1	21	10.47272727	ug/kg	5	ug/kg	N	Y	0.477430556
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Endosulfan II	1	22	1	21	10.47272727	ug/kg	5	ug/kg	N	Y	0.477430556
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Endosulfan II	1	22	1	21	10.47272727	ug/kg	5	ug/kg	N	Y	0.477430556
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Endosulfan II	1	25	1	24	10.212	ug/kg	5	ug/kg	N	Y	0.489620055
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Endosulfan II	1	25	1	24	10.212	ug/kg	5	ug/kg	N	Y	0.489620055
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Endosulfan II	1	25	1	24	10.212	ug/kg	5	ug/kg	N	Y	0.489620055
BIST004	UB041F0401	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0402	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST004	UB041F0404	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.680769231	ug/kg	5	ug/kg	N	Y	1.358411703
BIST005	UB051F0501	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0502	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0503	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0504	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0505	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0508	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0509	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0510	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0511	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0512	Sailfin molly	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0515	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0516	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0518	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0520	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0523	Gulf killifish	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST005	UB051F0525	Sailfin molly	Whole Body	Endrin	1	13	0	13	3.765384615	ug/kg	5	ug/kg	N	Y	1.327885598
BIST006	MB011F0605	Gulf killifish	Whole Body	Endrin	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0607	Gulf killifish	Whole Body	Endrin	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0615	Gulf killifish	Whole Body	Endrin	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0616	Gulf killifish	Whole Body	Endrin	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST006	MB011F0624	Gulf killifish	Whole Body	Endrin	1	14	0	14	4.632142857	ug/kg	5	ug/kg	N	Y	1.079414032
BIST007	MB011F0702	Gulf killifish	Whole Body	Endrin	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0703	Gulf killifish	Whole Body	Endrin	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0704	Gulf killifish	Whole Body	Endrin	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0706	Gulf killifish	Whole Body	Endrin	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST007	MB011F0708	Gulf killifish	Whole Body	Endrin	1	12	0	12	4.15	ug/kg	5	ug/kg	N	Y	1.204819277
BIST008	MB031F0803	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.745	ug/kg	5	ug/kg	N	Y	0.645577792
BIST008	MB031F0804	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.745	ug/kg	5	ug/kg	N	Y	0.645577792
BIST008	MB031F0805	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.745	ug/kg	5	ug/kg	N	Y	0.645577792
BIST008	MB031F0806	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.745	ug/kg	5	ug/kg	N	Y	0.645577792
BIST008	MB031F0811	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.745	ug/kg	5	ug/kg	N	Y	0.645577792
BIST010	MB031F1001	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.7225	ug/kg	5	ug/kg	N	Y	0.647458725
BIST010	MB031F1004	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.7225	ug/kg	5	ug/kg	N	Y	0.647458725
BIST010	MB031F1006	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.7225	ug/kg	5	ug/kg	N	Y	0.647458725
BIST010	MB031F1009	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.7225	ug/kg	5	ug/kg	N	Y	0.647458725
BIST010	MB031F1013	Gulf killifish	Whole Body	Endrin	1	20	1	19	7.7225	ug/kg	5	ug/kg	N	Y	0.647458725
BIST011	LB011F1101	Gulf killifish	Whole Body	Endrin	1	26	7	19	26.57692308	ug/kg	5	ug/kg	N	Y	0.18813314
BIST011	LB011F1103	Gulf killifish	Whole Body	Endrin	1	26	7	19	26.57692308	ug/kg	5	ug/kg	N	Y	0.18813314
BIST011	LB011F1105	Gulf killifish	Whole Body	Endrin	1	26	7	19	26.57692308	ug/kg	5	ug/kg	N	Y	0.18813314
BIST012	LB011F1201	Gulf killifish	Whole Body	Endrin	1	29	7	22	25.65793103	ug/kg	5	ug/kg	N	Y	0.194871519
BIST012	LB011F1202	Gulf killifish	Whole Body	Endrin	1	29	7	22	25.65793103	ug/kg	5	ug/kg	N	Y	0.194871519
BIST012	LB011F1204	Gulf killifish	Whole Body	Endrin	1	29	7	22	25.65793103	ug/kg	5	ug/kg	N	Y	0.194871519
BIST013	LB011F1301	Gulf killifish	Whole Body	Endrin	1	29	6	23	26.05103448	ug/kg	5	ug/kg	N	Y	0.191930958
BIST013	LB011F1302	Gulf killifish	Whole Body	Endrin	1	29	6	23	26.05103448	ug/kg	5	ug/kg	N	Y	0.191930958
BIST013	LB011F1305	Gulf killifish	Whole Body	Endrin	1	29	6	23	26.05103448	ug/kg	5	ug/kg	N	Y	0.191930958
BIST015	LB031F1502	Gulf killifish	Whole Body	Endrin	1	24	3	21	18.81875	ug/kg	5	ug/kg	N	Y	0.265692461
BIST015	LB031F1504	Gulf killifish	Whole Body	Endrin	1	24	3	21	18.81875	ug/kg	5	ug/kg	N	Y	0.265692461
BIST015	LB031F1506	Gulf killifish	Whole Body	Endrin	1	24	3	21	18.81875	ug/kg	5	ug/kg	N	Y	0.265692461
BIST016	LB031F1601	Gulf killifish	Whole Body	Endrin	1	35	9	26	18.46085714	ug/kg	5	ug/kg	N	Y	0.270843329
BIST016	LB031F1602	Gulf killifish	Whole Body	Endrin	1	35	9	26	18.46085714	ug/kg	5	ug/kg	N	Y	0.270843329
BIST016	LB031F1610	Gulf killifish	Whole Body	Endrin	1	35	9	26	18.46085714	ug/kg	5	ug/kg	N	Y	0.270843329
BIST017	LB031F1702	Gulf killifish	Whole Body	Endrin	1	11	3	8	26.46363636	ug/kg	5	ug/kg	N	Y	0.188938509
BIST017	LB031F1703	Gulf killifish	Whole Body	Endrin	1	11	3	8	26.46363636	ug/kg	5	ug/kg	N	Y	0.188938509
BIST017	LB031F1704	Gulf killifish	Whole Body	Endrin	1	11	3	8	26.46363636	ug/kg	5	ug/kg	N	Y	0.188938509
BIST019	LB061F1901	Gulf killifish	Whole Body	Endrin	1	26	6	20	13.51461538	ug/kg	5	ug/kg	N	Y	0.369969833
BIST019	LB061F1902	Gulf killifish	Whole Body	Endrin	1	26	6	20	13.51461538	ug/kg	5	ug/kg	N	Y	0.369969833
BIST019	LB061F1903	Gulf killifish	Whole Body	Endrin	1	26	6	20	13.51461538	ug/kg	5	ug/kg	N	Y	0.369969833
BIST024	LB131F2402	Gulf killifish	Whole Body	Endrin	1	32	8	24	12.615	ug/kg	5	ug/kg	N	Y	0.396353547
BIST024	LB131F2406	Gulf killifish	Whole Body	Endrin	1	32	8	24	12.615	ug/kg	5	ug/kg	N	Y	0.396353547
BIST024	LB131F2408	Gulf killifish	Whole Body	Endrin	1	32	8	24	12.615	ug/kg	5	ug/kg	N	Y	0.396353547
BIST026	LB131F2601	Gulf killifish	Whole Body	Endrin	1	34	10	24	27.01852941	ug/kg	5	ug/kg	N	Y	0.185058184
BIST025	LB131F2501	Gulf killifish	Whole Body	Endrin	1	33	11	22	12.84333333	ug/kg	5	ug/kg	N	Y	0.389307033

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST025	LB131F2502	Gulf killifish	Whole Body	Endrin	1	33	11	22	12.84333333	ug/kg	5	ug/kg	N	Y	0.389307033
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Endrin	1	33	11	22	12.84333333	ug/kg	5	ug/kg	N	Y	0.389307033
BIST026	LB131F2604	Gulf killifish	Whole Body	Endrin	1	34	10	24	27.01852941	ug/kg	5	ug/kg	N	Y	0.185058184
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Endrin	1	26	5	21	28.15192308	ug/kg	5	ug/kg	N	Y	0.17760776
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Endrin	1	26	5	21	28.15192308	ug/kg	5	ug/kg	N	Y	0.17760776
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Endrin	1	26	5	21	28.15192308	ug/kg	5	ug/kg	N	Y	0.17760776
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Endrin	1	22	4	18	31.47045455	ug/kg	5	ug/kg	N	Y	0.15887918
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Endrin	1	22	4	18	31.47045455	ug/kg	5	ug/kg	N	Y	0.15887918
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Endrin	1	22	4	18	31.47045455	ug/kg	5	ug/kg	N	Y	0.15887918
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Endrin	1	25	5	20	27.906	ug/kg	5	ug/kg	N	Y	0.179172938
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Endrin	1	25	5	20	27.906	ug/kg	5	ug/kg	N	Y	0.179172938
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Endrin	1	25	5	20	27.906	ug/kg	5	ug/kg	N	Y	0.179172938
BIST004	UB041F0401	Gulf killifish	Whole Body	Fluoranthene	1	15	5	10	745.4733333	ug/kg	100	ug/kg	N	Y	0.134142961
BIST004	UB041F0402	Gulf killifish	Whole Body	Fluoranthene	1	15	5	10	745.4733333	ug/kg	20	ug/kg	N	Y	0.026828592
BIST004	UB041F0404	Gulf killifish	Whole Body	Fluoranthene	1	15	5	10	745.4733333	ug/kg	100	ug/kg	N	Y	0.134142961
BIST005	UB051F0501	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	40	ug/kg	N	Y	0.046771002
BIST005	UB051F0502	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	20	ug/kg	N	Y	0.023385501
BIST005	UB051F0503	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	40	ug/kg	N	Y	0.046771002
BIST005	UB051F0504	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	40	ug/kg	N	Y	0.046771002
BIST005	UB051F0505	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	40	ug/kg	N	Y	0.046771002
BIST005	UB051F0508	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	20	ug/kg	N	Y	0.023385501
BIST005	UB051F0509	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	20	ug/kg	N	Y	0.023385501
BIST005	UB051F0510	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	20	ug/kg	N	Y	0.023385501
BIST005	UB051F0511	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	20	ug/kg	N	Y	0.023385501
BIST005	UB051F0512	Sailfin molly	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	80	ug/kg	N	Y	0.093542004
BIST005	UB051F0515	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	100	ug/kg	N	Y	0.116927505
BIST005	UB051F0516	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	40	ug/kg	N	Y	0.046771002
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	20	ug/kg	N	Y	0.023385501
BIST005	UB051F0518	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	20	ug/kg	N	Y	0.023385501
BIST005	UB051F0520	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	40	ug/kg	N	Y	0.046771002
BIST005	UB051F0523	Gulf killifish	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	40	ug/kg	N	Y	0.046771002
BIST005	UB051F0525	Sailfin molly	Whole Body	Fluoranthene	1	13	5	8	855.2307692	ug/kg	60	ug/kg	N	Y	0.070156503
BIST006	MB011F0605	Gulf killifish	Whole Body	Fluoranthene	1	15	4	11	408.0666667	ug/kg	100	ug/kg	N	Y	0.245057997
BIST006	MB011F0607	Gulf killifish	Whole Body	Fluoranthene	1	15	4	11	408.0666667	ug/kg	200	ug/kg	N	Y	0.490115994
BIST006	MB011F0615	Gulf killifish	Whole Body	Fluoranthene	1	15	4	11	408.0666667	ug/kg	200	ug/kg	N	Y	0.490115994
BIST006	MB011F0616	Gulf killifish	Whole Body	Fluoranthene	1	15	4	11	408.0666667	ug/kg	100	ug/kg	N	Y	0.245057997
BIST006	MB011F0624	Gulf killifish	Whole Body	Fluoranthene	1	15	4	11	408.0666667	ug/kg	100	ug/kg	N	Y	0.245057997
BIST007	MB011F0702	Gulf killifish	Whole Body	Fluoranthene	1	12	5	7	494.25	ug/kg	100	ug/kg	N	Y	0.202326758
BIST007	MB011F0703	Gulf killifish	Whole Body	Fluoranthene	1	12	5	7	494.25	ug/kg	100	ug/kg	N	Y	0.202326758
BIST007	MB011F0704	Gulf killifish	Whole Body	Fluoranthene	1	12	5	7	494.25	ug/kg	100	ug/kg	N	Y	0.202326758
BIST007	MB011F0706	Gulf killifish	Whole Body	Fluoranthene	1	12	5	7	494.25	ug/kg	100	ug/kg	N	Y	0.202326758
BIST007	MB011F0708	Gulf killifish	Whole Body	Fluoranthene	1	12	5	7	494.25	ug/kg	100	ug/kg	N	Y	0.202326758
BIST008	MB031F0803	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	685.05	ug/kg	100	ug/kg	N	Y	0.145974746
BIST008	MB031F0804	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	685.05	ug/kg	100	ug/kg	N	Y	0.145974746
BIST008	MB031F0805	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	685.05	ug/kg	100	ug/kg	N	Y	0.145974746
BIST008	MB031F0806	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	685.05	ug/kg	100	ug/kg	N	Y	0.145974746
BIST008	MB031F0811	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	685.05	ug/kg	100	ug/kg	N	Y	0.145974746
BIST010	MB031F1001	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	679.55	ug/kg	100	ug/kg	N	Y	0.147156206
BIST010	MB031F1004	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	679.55	ug/kg	100	ug/kg	N	Y	0.147156206
BIST010	MB031F1006	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	679.55	ug/kg	100	ug/kg	N	Y	0.147156206
BIST010	MB031F1009	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	679.55	ug/kg	100	ug/kg	N	Y	0.147156206
BIST010	MB031F1013	Gulf killifish	Whole Body	Fluoranthene	1	20	5	15	679.55	ug/kg	100	ug/kg	N	Y	0.147156206
BIST011	LB011F1101	Gulf killifish	Whole Body	Fluoranthene	1	30	8	22	550.1633333	ug/kg	200	ug/kg	N	Y	0.363528407
BIST011	LB011F1103	Gulf killifish	Whole Body	Fluoranthene	1	30	8	22	550.1633333	ug/kg	200	ug/kg	N	Y	0.363528407

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST011	LB011F1105	Gulf killifish	Whole Body	Fluoranthene	1	30	8	22	550.1633333	ug/kg	200	ug/kg	N	Y	0.363528407
BIST012	LB011F1201	Gulf killifish	Whole Body	Fluoranthene	1	36	11	25	548.1	ug/kg	200	ug/kg	N	Y	0.364896917
BIST012	LB011F1202	Gulf killifish	Whole Body	Fluoranthene	1	36	11	25	548.1	ug/kg	100	ug/kg	N	Y	0.182448458
BIST012	LB011F1204	Gulf killifish	Whole Body	Fluoranthene	1	36	11	25	548.1	ug/kg	20	ug/kg	N	Y	0.036489692
BIST013	LB011F1301	Gulf killifish	Whole Body	Fluoranthene	1	37	12	25	485.0972973	ug/kg	100	ug/kg	N	Y	0.206144212
BIST013	LB011F1302	Gulf killifish	Whole Body	Fluoranthene	1	37	12	25	485.0972973	ug/kg	40	ug/kg	N	Y	0.082457685
BIST013	LB011F1305	Gulf killifish	Whole Body	Fluoranthene	1	37	12	25	485.0972973	ug/kg	100	ug/kg	N	Y	0.206144212
BIST015	LB031F1502	Gulf killifish	Whole Body	Fluoranthene	1	42	10	32	3934.32619	ug/kg	100	ug/kg	N	Y	0.025417313
BIST015	LB031F1504	Gulf killifish	Whole Body	Fluoranthene	1	42	10	32	3934.32619	ug/kg	200	ug/kg	N	Y	0.050834626
BIST015	LB031F1506	Gulf killifish	Whole Body	Fluoranthene	1	42	10	32	3934.32619	ug/kg	100	ug/kg	N	Y	0.025417313
BIST016	LB031F1601	Gulf killifish	Whole Body	Fluoranthene	1	54	16	38	3215.911111	ug/kg	200	ug/kg	N	Y	0.062190774
BIST016	LB031F1602	Gulf killifish	Whole Body	Fluoranthene	1	54	16	38	3215.911111	ug/kg	20	ug/kg	N	Y	0.006219077
BIST016	LB031F1610	Gulf killifish	Whole Body	Fluoranthene	1	54	16	38	3215.911111	ug/kg	20	ug/kg	N	Y	0.006219077
BIST017	LB031F1702	Gulf killifish	Whole Body	Fluoranthene	1	19	3	16	7752.105263	ug/kg	500	ug/kg	N	Y	0.064498608
BIST017	LB031F1703	Gulf killifish	Whole Body	Fluoranthene	1	19	3	16	7752.105263	ug/kg	60	ug/kg	N	Y	0.007739833
BIST017	LB031F1704	Gulf killifish	Whole Body	Fluoranthene	1	19	3	16	7752.105263	ug/kg	40	ug/kg	N	Y	0.005159889
BIST019	LB061F1901	Gulf killifish	Whole Body	Fluoranthene	1	41	14	27	699.1756098	ug/kg	20	ug/kg	N	Y	0.028605117
BIST019	LB061F1902	Gulf killifish	Whole Body	Fluoranthene	1	41	14	27	699.1756098	ug/kg	200	ug/kg	N	Y	0.286051168
BIST019	LB061F1903	Gulf killifish	Whole Body	Fluoranthene	1	41	14	27	699.1756098	ug/kg	20	ug/kg	N	Y	0.028605117
BIST024	LB131F2402	Gulf killifish	Whole Body	Fluoranthene	1	49	11	38	530.3918367	ug/kg	100	ug/kg	N	Y	0.188539855
BIST024	LB131F2406	Gulf killifish	Whole Body	Fluoranthene	1	49	11	38	530.3918367	ug/kg	200	ug/kg	N	Y	0.37707971
BIST024	LB131F2408	Gulf killifish	Whole Body	Fluoranthene	1	49	11	38	530.3918367	ug/kg	200	ug/kg	N	Y	0.37707971
BIST026	LB131F2601	Gulf killifish	Whole Body	Fluoranthene	1	49	18	31	810.5020408	ug/kg	40	ug/kg	N	Y	0.049352127
BIST025	LB131F2502	Gulf killifish	Whole Body	Fluoranthene	1	50	12	38	783.404	ug/kg	200	ug/kg	N	Y	0.255296118
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Fluoranthene	1	50	12	38	783.404	ug/kg	400	ug/kg	N	Y	0.510592236
BIST026	LB131F2604	Gulf killifish	Whole Body	Fluoranthene	1	49	18	31	810.5020408	ug/kg	100	ug/kg	N	Y	0.123380319
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Fluoranthene	1	32	11	21	498.33125	ug/kg	200	ug/kg	N	Y	0.40133947
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Fluoranthene	1	32	11	21	498.33125	ug/kg	40	ug/kg	N	Y	0.080267894
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Fluoranthene	1	32	11	21	498.33125	ug/kg	200	ug/kg	N	Y	0.40133947
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Fluoranthene	1	31	11	20	3815.116129	ug/kg	200	ug/kg	N	Y	0.052423044
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Fluoranthene	1	31	11	20	3815.116129	ug/kg	100	ug/kg	N	Y	0.026211522
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Fluoranthene	1	31	11	20	3815.116129	ug/kg	40	ug/kg	N	Y	0.010484609
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Fluoranthene	1	31	11	20	669.7290323	ug/kg	200	ug/kg	N	Y	0.298628237
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Fluoranthene	1	31	11	20	669.7290323	ug/kg	200	ug/kg	N	Y	0.298628237
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Fluoranthene	1	31	11	20	669.7290323	ug/kg	20	ug/kg	N	Y	0.029862824
BIST004	UB041F0401	Gulf killifish	Whole Body	Fluorene	1	15	1	14	777.3866667	ug/kg	100	ug/kg	N	Y	0.128636114
BIST004	UB041F0402	Gulf killifish	Whole Body	Fluorene	1	15	1	14	777.3866667	ug/kg	20	ug/kg	N	Y	0.025727223
BIST004	UB041F0404	Gulf killifish	Whole Body	Fluorene	1	15	1	14	777.3866667	ug/kg	100	ug/kg	N	Y	0.128636114
BIST005	UB051F0501	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	40	ug/kg	N	Y	0.04562304
BIST005	UB051F0502	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	20	ug/kg	N	Y	0.02281152
BIST005	UB051F0503	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	40	ug/kg	N	Y	0.04562304
BIST005	UB051F0504	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	40	ug/kg	N	Y	0.04562304
BIST005	UB051F0505	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	40	ug/kg	N	Y	0.04562304
BIST005	UB051F0508	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	20	ug/kg	N	Y	0.02281152
BIST005	UB051F0509	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	20	ug/kg	N	Y	0.02281152
BIST005	UB051F0510	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	20	ug/kg	N	Y	0.02281152
BIST005	UB051F0511	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	20	ug/kg	N	Y	0.02281152
BIST005	UB051F0512	Sailfin molly	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	80	ug/kg	N	Y	0.091246079
BIST005	UB051F0515	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	100	ug/kg	N	Y	0.114057599
BIST005	UB051F0516	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	40	ug/kg	N	Y	0.04562304
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	20	ug/kg	N	Y	0.02281152
BIST005	UB051F0518	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	20	ug/kg	N	Y	0.02281152
BIST005	UB051F0520	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	40	ug/kg	N	Y	0.04562304
BIST005	UB051F0523	Gulf killifish	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	40	ug/kg	N	Y	0.04562304

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0525	Sailfin molly	Whole Body	Fluorene	1	12	1	11	876.75	ug/kg	60	ug/kg	N	Y	0.068434559
BIST006	MB011F0605	Gulf killifish	Whole Body	Fluorene	1	14	2	12	361.4857143	ug/kg	100	ug/kg	N	Y	0.276636105
BIST006	MB011F0607	Gulf killifish	Whole Body	Fluorene	1	14	2	12	361.4857143	ug/kg	200	ug/kg	N	Y	0.55327221
BIST006	MB011F0615	Gulf killifish	Whole Body	Fluorene	1	14	2	12	361.4857143	ug/kg	200	ug/kg	N	Y	0.55327221
BIST006	MB011F0616	Gulf killifish	Whole Body	Fluorene	1	14	2	12	361.4857143	ug/kg	100	ug/kg	N	Y	0.276636105
BIST006	MB011F0624	Gulf killifish	Whole Body	Fluorene	1	14	2	12	361.4857143	ug/kg	100	ug/kg	N	Y	0.276636105
BIST007	MB011F0702	Gulf killifish	Whole Body	Fluorene	1	11	2	9	451.8909091	ug/kg	100	ug/kg	N	Y	0.221292347
BIST007	MB011F0703	Gulf killifish	Whole Body	Fluorene	1	11	2	9	451.8909091	ug/kg	100	ug/kg	N	Y	0.221292347
BIST007	MB011F0704	Gulf killifish	Whole Body	Fluorene	1	11	2	9	451.8909091	ug/kg	100	ug/kg	N	Y	0.221292347
BIST007	MB011F0706	Gulf killifish	Whole Body	Fluorene	1	11	2	9	451.8909091	ug/kg	100	ug/kg	N	Y	0.221292347
BIST007	MB011F0708	Gulf killifish	Whole Body	Fluorene	1	11	2	9	451.8909091	ug/kg	100	ug/kg	N	Y	0.221292347
BIST008	MB031F0803	Gulf killifish	Whole Body	Fluorene	1	18	1	17	519.1666667	ug/kg	100	ug/kg	N	Y	0.192616372
BIST008	MB031F0804	Gulf killifish	Whole Body	Fluorene	1	18	1	17	519.1666667	ug/kg	100	ug/kg	N	Y	0.192616372
BIST008	MB031F0805	Gulf killifish	Whole Body	Fluorene	1	18	1	17	519.1666667	ug/kg	100	ug/kg	N	Y	0.192616372
BIST008	MB031F0806	Gulf killifish	Whole Body	Fluorene	1	18	1	17	519.1666667	ug/kg	100	ug/kg	N	Y	0.192616372
BIST008	MB031F0811	Gulf killifish	Whole Body	Fluorene	1	18	1	17	519.1666667	ug/kg	100	ug/kg	N	Y	0.192616372
BIST010	MB031F1001	Gulf killifish	Whole Body	Fluorene	1	18	1	17	513.0555556	ug/kg	100	ug/kg	N	Y	0.194910666
BIST010	MB031F1004	Gulf killifish	Whole Body	Fluorene	1	18	1	17	513.0555556	ug/kg	100	ug/kg	N	Y	0.194910666
BIST010	MB031F1006	Gulf killifish	Whole Body	Fluorene	1	18	1	17	513.0555556	ug/kg	100	ug/kg	N	Y	0.194910666
BIST010	MB031F1009	Gulf killifish	Whole Body	Fluorene	1	18	1	17	513.0555556	ug/kg	100	ug/kg	N	Y	0.194910666
BIST010	MB031F1013	Gulf killifish	Whole Body	Fluorene	1	18	1	17	513.0555556	ug/kg	100	ug/kg	N	Y	0.194910666
BIST011	LB011F1101	Gulf killifish	Whole Body	Fluorene	1	25	1	24	585.528	ug/kg	200	ug/kg	N	Y	0.341572051
BIST011	LB011F1103	Gulf killifish	Whole Body	Fluorene	1	25	1	24	585.528	ug/kg	200	ug/kg	N	Y	0.341572051
BIST011	LB011F1105	Gulf killifish	Whole Body	Fluorene	1	25	1	24	585.528	ug/kg	200	ug/kg	N	Y	0.341572051
BIST012	LB011F1201	Gulf killifish	Whole Body	Fluorene	1	28	1	27	628.5071429	ug/kg	200	ug/kg	N	Y	0.318214363
BIST012	LB011F1202	Gulf killifish	Whole Body	Fluorene	1	28	1	27	628.5071429	ug/kg	100	ug/kg	N	Y	0.159107181
BIST012	LB011F1204	Gulf killifish	Whole Body	Fluorene	1	28	1	27	628.5071429	ug/kg	20	ug/kg	N	Y	0.031821436
BIST013	LB011F1301	Gulf killifish	Whole Body	Fluorene	1	29	2	27	540.6241379	ug/kg	100	ug/kg	N	Y	0.184971393
BIST013	LB011F1302	Gulf killifish	Whole Body	Fluorene	1	29	2	27	540.6241379	ug/kg	40	ug/kg	N	Y	0.073988557
BIST013	LB011F1305	Gulf killifish	Whole Body	Fluorene	1	29	2	27	540.6241379	ug/kg	100	ug/kg	N	Y	0.184971393
BIST015	LB031F1502	Gulf killifish	Whole Body	Fluorene	1	37	4	33	4178.783784	ug/kg	100	ug/kg	N	Y	0.023930408
BIST015	LB031F1504	Gulf killifish	Whole Body	Fluorene	1	37	4	33	4178.783784	ug/kg	200	ug/kg	N	Y	0.047860816
BIST015	LB031F1506	Gulf killifish	Whole Body	Fluorene	1	37	4	33	4178.783784	ug/kg	100	ug/kg	N	Y	0.023930408
BIST016	LB031F1601	Gulf killifish	Whole Body	Fluorene	1	49	5	44	3308.987755	ug/kg	200	ug/kg	N	Y	0.060441445
BIST016	LB031F1602	Gulf killifish	Whole Body	Fluorene	1	49	5	44	3308.987755	ug/kg	20	ug/kg	N	Y	0.006044144
BIST016	LB031F1610	Gulf killifish	Whole Body	Fluorene	1	49	5	44	3308.987755	ug/kg	20	ug/kg	N	Y	0.006044144
BIST017	LB031F1702	Gulf killifish	Whole Body	Fluorene	1	18	3	15	7740	ug/kg	500	ug/kg	N	Y	0.064599483
BIST017	LB031F1703	Gulf killifish	Whole Body	Fluorene	1	18	3	15	7740	ug/kg	60	ug/kg	N	Y	0.007751938
BIST017	LB031F1704	Gulf killifish	Whole Body	Fluorene	1	18	3	15	7740	ug/kg	40	ug/kg	N	Y	0.005167959
BIST019	LB061F1901	Gulf killifish	Whole Body	Fluorene	1	37	2	35	684.4702703	ug/kg	20	ug/kg	N	Y	0.029219677
BIST019	LB061F1902	Gulf killifish	Whole Body	Fluorene	1	37	2	35	684.4702703	ug/kg	200	ug/kg	N	Y	0.292196767
BIST019	LB061F1903	Gulf killifish	Whole Body	Fluorene	1	37	2	35	684.4702703	ug/kg	20	ug/kg	N	Y	0.029219677
BIST024	LB131F2402	Gulf killifish	Whole Body	Fluorene	1	45	1	44	557.5644444	ug/kg	100	ug/kg	N	Y	0.179351465
BIST024	LB131F2406	Gulf killifish	Whole Body	Fluorene	1	45	1	44	557.5644444	ug/kg	200	ug/kg	N	Y	0.35870293
BIST024	LB131F2408	Gulf killifish	Whole Body	Fluorene	1	45	1	44	557.5644444	ug/kg	200	ug/kg	N	Y	0.35870293
BIST026	LB131F2601	Gulf killifish	Whole Body	Fluorene	1	39	3	36	880.0794872	ug/kg	40	ug/kg	N	Y	0.04545044
BIST025	LB131F2502	Gulf killifish	Whole Body	Fluorene	1	44	1	43	855.225	ug/kg	200	ug/kg	N	Y	0.233856587
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Fluorene	1	44	1	43	855.225	ug/kg	400	ug/kg	N	Y	0.467713175
BIST026	LB131F2604	Gulf killifish	Whole Body	Fluorene	1	39	3	36	880.0794872	ug/kg	100	ug/kg	N	Y	0.1136261
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Fluorene	1	24	1	23	575.55	ug/kg	200	ug/kg	N	Y	0.347493702
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Fluorene	1	24	1	23	575.55	ug/kg	40	ug/kg	N	Y	0.06949874
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Fluorene	1	24	1	23	575.55	ug/kg	200	ug/kg	N	Y	0.347493702
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Fluorene	1	24	2	22	4766.175	ug/kg	200	ug/kg	N	Y	0.04196237
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Fluorene	1	24	2	22	4766.175	ug/kg	100	ug/kg	N	Y	0.020981185

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Fluorene	1	24	2	22	4766.175	ug/kg	40	ug/kg	N	Y	0.008392474
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Fluorene	1	23	1	22	809.9217391	ug/kg	200	ug/kg	N	Y	0.246937439
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Fluorene	1	23	1	22	809.9217391	ug/kg	200	ug/kg	N	Y	0.246937439
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Fluorene	1	23	1	22	809.9217391	ug/kg	20	ug/kg	N	Y	0.024693744
BIST004	UB041F0401	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0402	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0404	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST005	UB051F0501	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0502	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0503	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0504	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0505	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0508	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0509	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0510	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0511	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0512	Sailfin molly	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0515	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0516	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0517	Sheepshead minnow	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0518	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0520	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0523	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0525	Sailfin molly	Whole Body	gamma-BHC (Lindane)	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST006	MB011F0605	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0607	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0615	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0616	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0624	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST007	MB011F0702	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0703	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0704	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0706	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0708	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST008	MB031F0803	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0804	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0805	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0806	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0811	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST010	MB031F1001	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1004	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1006	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1009	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1013	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST011	LB011F1101	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	6	20	6.944230769	ug/kg	5	ug/kg	N	Y	0.720022155
BIST011	LB011F1103	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	6	20	6.944230769	ug/kg	5	ug/kg	N	Y	0.720022155
BIST011	LB011F1105	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	6	20	6.944230769	ug/kg	5	ug/kg	N	Y	0.720022155
BIST012	LB011F1201	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	29	7	22	7.412068966	ug/kg	5	ug/kg	N	Y	0.674575483
BIST012	LB011F1202	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	29	7	22	7.412068966	ug/kg	5	ug/kg	N	Y	0.674575483
BIST012	LB011F1204	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	29	7	22	7.412068966	ug/kg	5	ug/kg	N	Y	0.674575483
BIST013	LB011F1301	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	29	7	22	7.772413793	ug/kg	5	ug/kg	N	Y	0.643300799
BIST013	LB011F1302	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	29	7	22	7.772413793	ug/kg	5	ug/kg	N	Y	0.643300799
BIST013	LB011F1305	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	29	7	22	7.772413793	ug/kg	5	ug/kg	N	Y	0.643300799
BIST015	LB031F1502	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	24	1	23	11.99791667	ug/kg	5	ug/kg	N	Y	0.416739017

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB031F1504	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	24	1	23	11.99791667	ug/kg	5	ug/kg	N	Y	0.416739017
BIST015	LB031F1506	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	24	1	23	11.99791667	ug/kg	5	ug/kg	N	Y	0.416739017
BIST016	LB031F1601	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	35	4	31	11.56142857	ug/kg	5	ug/kg	N	Y	0.432472507
BIST016	LB031F1602	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	35	4	31	11.56142857	ug/kg	5	ug/kg	N	Y	0.432472507
BIST016	LB031F1610	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	35	4	31	11.56142857	ug/kg	5	ug/kg	N	Y	0.432472507
BIST017	LB031F1702	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	11	0	11	16.75909091	ug/kg	5	ug/kg	N	Y	0.298345538
BIST017	LB031F1703	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	11	0	11	16.75909091	ug/kg	5	ug/kg	N	Y	0.298345538
BIST017	LB031F1704	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	11	0	11	16.75909091	ug/kg	5	ug/kg	N	Y	0.298345538
BIST019	LB061F1901	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	4	22	8.409615385	ug/kg	5	ug/kg	N	Y	0.594557512
BIST019	LB061F1902	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	4	22	8.409615385	ug/kg	5	ug/kg	N	Y	0.594557512
BIST019	LB061F1903	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	4	22	8.409615385	ug/kg	5	ug/kg	N	Y	0.594557512
BIST024	LB131F2402	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	32	5	27	8.2765625	ug/kg	5	ug/kg	N	Y	0.604115537
BIST024	LB131F2406	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	32	5	27	8.2765625	ug/kg	5	ug/kg	N	Y	0.604115537
BIST024	LB131F2408	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	32	5	27	8.2765625	ug/kg	5	ug/kg	N	Y	0.604115537
BIST026	LB131F2601	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	34	5	29	9.404411765	ug/kg	5	ug/kg	N	Y	0.531665364
BIST025	LB131F2501	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	33	6	27	8.577272727	ug/kg	5	ug/kg	N	Y	0.582935877
BIST025	LB131F2502	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	33	6	27	8.577272727	ug/kg	5	ug/kg	N	Y	0.582935877
BIST025	LB131F2503	Sheepshead minnow	Whole Body	gamma-BHC (Lindane)	1	33	6	27	8.577272727	ug/kg	5	ug/kg	N	Y	0.582935877
BIST026	LB131F2604	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	34	5	29	9.404411765	ug/kg	5	ug/kg	N	Y	0.531665364
BIST027	PPGC1F2705	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	7	19	7.934615385	ug/kg	5	ug/kg	N	Y	0.630150267
BIST027	PPGC1F2706	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	7	19	7.934615385	ug/kg	5	ug/kg	N	Y	0.630150267
BIST027	PPGC1F2712	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	26	7	19	7.934615385	ug/kg	5	ug/kg	N	Y	0.630150267
BIST028	PPGC1F2802	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	22	3	19	8.452272727	ug/kg	5	ug/kg	N	Y	0.59155687
BIST028	PPGC1F2803	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	22	3	19	8.452272727	ug/kg	5	ug/kg	N	Y	0.59155687
BIST028	PPGC1F2806	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	22	3	19	8.452272727	ug/kg	5	ug/kg	N	Y	0.59155687
BIST029	PPGC1F2903	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	25	5	20	8.03	ug/kg	5	ug/kg	N	Y	0.622665006
BIST029	PPGC1F2904	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	25	5	20	8.03	ug/kg	5	ug/kg	N	Y	0.622665006
BIST029	PPGC1F2905	Gulf killifish	Whole Body	gamma-BHC (Lindane)	1	25	5	20	8.03	ug/kg	5	ug/kg	N	Y	0.622665006
BIST004	UB041F0401	Gulf killifish	Whole Body	gamma-Chlordane	1	13	1	12	2.070769231	ug/kg	5	ug/kg	N	Y	2.414561664
BIST004	UB041F0402	Gulf killifish	Whole Body	gamma-Chlordane	1	13	1	12	2.070769231	ug/kg	5	ug/kg	N	Y	2.414561664
BIST004	UB041F0404	Gulf killifish	Whole Body	gamma-Chlordane	1	13	1	12	2.070769231	ug/kg	5	ug/kg	N	Y	2.414561664
BIST005	UB051F0501	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0502	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0503	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0504	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0505	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0508	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0509	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0510	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0511	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0512	Sailfin molly	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0515	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0516	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0517	Sheepshead minnow	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0518	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0520	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0523	Gulf killifish	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST005	UB051F0525	Sailfin molly	Whole Body	gamma-Chlordane	1	13	2	11	1.940769231	ug/kg	5	ug/kg	N	Y	2.576298058
BIST006	MB011F0605	Gulf killifish	Whole Body	gamma-Chlordane	1	14	1	13	2.815	ug/kg	5	ug/kg	N	Y	1.776198934
BIST006	MB011F0607	Gulf killifish	Whole Body	gamma-Chlordane	1	14	1	13	2.815	ug/kg	5	ug/kg	N	Y	1.776198934
BIST006	MB011F0615	Gulf killifish	Whole Body	gamma-Chlordane	1	14	1	13	2.815	ug/kg	5	ug/kg	N	Y	1.776198934
BIST006	MB011F0616	Gulf killifish	Whole Body	gamma-Chlordane	1	14	1	13	2.815	ug/kg	5	ug/kg	N	Y	1.776198934
BIST006	MB011F0624	Gulf killifish	Whole Body	gamma-Chlordane	1	14	1	13	2.815	ug/kg	5	ug/kg	N	Y	1.776198934
BIST007	MB011F0702	Gulf killifish	Whole Body	gamma-Chlordane	1	12	1	11	2.6425	ug/kg	5	ug/kg	N	Y	1.892147588

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST007	MB011F0703	Gulf killifish	Whole Body	gamma-Chlordane	1	12	1	11	2.6425	ug/kg	5	ug/kg	N	Y	1.892147588
BIST007	MB011F0704	Gulf killifish	Whole Body	gamma-Chlordane	1	12	1	11	2.6425	ug/kg	5	ug/kg	N	Y	1.892147588
BIST007	MB011F0706	Gulf killifish	Whole Body	gamma-Chlordane	1	12	1	11	2.6425	ug/kg	5	ug/kg	N	Y	1.892147588
BIST007	MB011F0708	Gulf killifish	Whole Body	gamma-Chlordane	1	12	1	11	2.6425	ug/kg	5	ug/kg	N	Y	1.892147588
BIST008	MB031F0803	Gulf killifish	Whole Body	gamma-Chlordane	1	20	2	18	6.5775	ug/kg	5	ug/kg	N	Y	0.760167237
BIST008	MB031F0804	Gulf killifish	Whole Body	gamma-Chlordane	1	20	2	18	6.5775	ug/kg	5	ug/kg	N	Y	0.760167237
BIST008	MB031F0805	Gulf killifish	Whole Body	gamma-Chlordane	1	20	2	18	6.5775	ug/kg	5	ug/kg	N	Y	0.760167237
BIST008	MB031F0806	Gulf killifish	Whole Body	gamma-Chlordane	1	20	2	18	6.5775	ug/kg	5	ug/kg	N	Y	0.760167237
BIST008	MB031F0811	Gulf killifish	Whole Body	gamma-Chlordane	1	20	2	18	6.5775	ug/kg	5	ug/kg	N	Y	0.760167237
BIST010	MB031F1001	Gulf killifish	Whole Body	gamma-Chlordane	1	20	3	17	6.4975	ug/kg	5	ug/kg	N	Y	0.769526741
BIST010	MB031F1004	Gulf killifish	Whole Body	gamma-Chlordane	1	20	3	17	6.4975	ug/kg	5	ug/kg	N	Y	0.769526741
BIST010	MB031F1006	Gulf killifish	Whole Body	gamma-Chlordane	1	20	3	17	6.4975	ug/kg	5	ug/kg	N	Y	0.769526741
BIST010	MB031F1009	Gulf killifish	Whole Body	gamma-Chlordane	1	20	3	17	6.4975	ug/kg	5	ug/kg	N	Y	0.769526741
BIST010	MB031F1013	Gulf killifish	Whole Body	gamma-Chlordane	1	20	3	17	6.4975	ug/kg	5	ug/kg	N	Y	0.769526741
BIST011	LB011F1101	Gulf killifish	Whole Body	gamma-Chlordane	1	26	8	18	18.24807692	ug/kg	5	ug/kg	N	Y	0.274001475
BIST011	LB011F1103	Gulf killifish	Whole Body	gamma-Chlordane	1	26	8	18	18.24807692	ug/kg	5	ug/kg	N	Y	0.274001475
BIST011	LB011F1105	Gulf killifish	Whole Body	gamma-Chlordane	1	26	8	18	18.24807692	ug/kg	5	ug/kg	N	Y	0.274001475
BIST012	LB011F1201	Gulf killifish	Whole Body	gamma-Chlordane	1	29	8	21	17.73793103	ug/kg	5	ug/kg	N	Y	0.281881804
BIST012	LB011F1202	Gulf killifish	Whole Body	gamma-Chlordane	1	29	8	21	17.73793103	ug/kg	5	ug/kg	N	Y	0.281881804
BIST012	LB011F1204	Gulf killifish	Whole Body	gamma-Chlordane	1	29	8	21	17.73793103	ug/kg	5	ug/kg	N	Y	0.281881804
BIST013	LB011F1301	Gulf killifish	Whole Body	gamma-Chlordane	1	29	8	21	18.52068966	ug/kg	5	ug/kg	N	Y	0.269968349
BIST013	LB011F1302	Gulf killifish	Whole Body	gamma-Chlordane	1	29	8	21	18.52068966	ug/kg	5	ug/kg	N	Y	0.269968349
BIST013	LB011F1305	Gulf killifish	Whole Body	gamma-Chlordane	1	29	8	21	18.52068966	ug/kg	5	ug/kg	N	Y	0.269968349
BIST015	LB031F1502	Gulf killifish	Whole Body	gamma-Chlordane	1	24	3	21	12.95208333	ug/kg	5	ug/kg	N	Y	0.386038282
BIST015	LB031F1504	Gulf killifish	Whole Body	gamma-Chlordane	1	24	3	21	12.95208333	ug/kg	5	ug/kg	N	Y	0.386038282
BIST015	LB031F1506	Gulf killifish	Whole Body	gamma-Chlordane	1	24	3	21	12.95208333	ug/kg	5	ug/kg	N	Y	0.386038282
BIST016	LB031F1601	Gulf killifish	Whole Body	gamma-Chlordane	1	35	13	22	21.21142857	ug/kg	5	ug/kg	N	Y	0.235721983
BIST016	LB031F1602	Gulf killifish	Whole Body	gamma-Chlordane	1	35	13	22	21.21142857	ug/kg	5	ug/kg	N	Y	0.235721983
BIST016	LB031F1610	Gulf killifish	Whole Body	gamma-Chlordane	1	35	13	22	21.21142857	ug/kg	5	ug/kg	N	Y	0.235721983
BIST017	LB031F1702	Gulf killifish	Whole Body	gamma-Chlordane	1	11	2	9	18.41363636	ug/kg	5	ug/kg	N	Y	0.271537892
BIST017	LB031F1703	Gulf killifish	Whole Body	gamma-Chlordane	1	11	2	9	18.41363636	ug/kg	5	ug/kg	N	Y	0.271537892
BIST017	LB031F1704	Gulf killifish	Whole Body	gamma-Chlordane	1	11	2	9	18.41363636	ug/kg	5	ug/kg	N	Y	0.271537892
BIST019	LB061F1901	Gulf killifish	Whole Body	gamma-Chlordane	1	26	11	15	20.7	ug/kg	5	ug/kg	N	Y	0.241545894
BIST019	LB061F1902	Gulf killifish	Whole Body	gamma-Chlordane	1	26	11	15	20.7	ug/kg	5	ug/kg	N	Y	0.241545894
BIST019	LB061F1903	Gulf killifish	Whole Body	gamma-Chlordane	1	26	11	15	20.7	ug/kg	5	ug/kg	N	Y	0.241545894
BIST024	LB131F2402	Gulf killifish	Whole Body	gamma-Chlordane	1	32	11	21	18.2571875	ug/kg	5	ug/kg	N	Y	0.273864745
BIST024	LB131F2406	Gulf killifish	Whole Body	gamma-Chlordane	1	32	11	21	18.2571875	ug/kg	5	ug/kg	N	Y	0.273864745
BIST024	LB131F2408	Gulf killifish	Whole Body	gamma-Chlordane	1	32	11	21	18.2571875	ug/kg	5	ug/kg	N	Y	0.273864745
BIST026	LB131F2601	Gulf killifish	Whole Body	gamma-Chlordane	1	34	11	23	28.08970588	ug/kg	5	ug/kg	N	Y	0.178001152
BIST025	LB131F2501	Gulf killifish	Whole Body	gamma-Chlordane	1	33	12	21	18.38787879	ug/kg	5	ug/kg	N	Y	0.27191826
BIST025	LB131F2502	Gulf killifish	Whole Body	gamma-Chlordane	1	33	12	21	18.38787879	ug/kg	5	ug/kg	N	Y	0.27191826
BIST025	LB131F2503	Sheepshead minnow	Whole Body	gamma-Chlordane	1	33	12	21	18.38787879	ug/kg	5	ug/kg	N	Y	0.27191826
BIST026	LB131F2604	Gulf killifish	Whole Body	gamma-Chlordane	1	34	11	23	28.08970588	ug/kg	5	ug/kg	N	Y	0.178001152
BIST027	PPGC1F2705	Gulf killifish	Whole Body	gamma-Chlordane	1	26	5	21	19.38846154	ug/kg	5	ug/kg	N	Y	0.25788534
BIST027	PPGC1F2706	Gulf killifish	Whole Body	gamma-Chlordane	1	26	5	21	19.38846154	ug/kg	5	ug/kg	N	Y	0.25788534
BIST027	PPGC1F2712	Gulf killifish	Whole Body	gamma-Chlordane	1	26	5	21	19.38846154	ug/kg	5	ug/kg	N	Y	0.25788534
BIST028	PPGC1F2802	Gulf killifish	Whole Body	gamma-Chlordane	1	22	3	19	22.475	ug/kg	5	ug/kg	N	Y	0.22246941
BIST028	PPGC1F2803	Gulf killifish	Whole Body	gamma-Chlordane	1	22	3	19	22.475	ug/kg	5	ug/kg	N	Y	0.22246941
BIST028	PPGC1F2806	Gulf killifish	Whole Body	gamma-Chlordane	1	22	3	19	22.475	ug/kg	5	ug/kg	N	Y	0.22246941
BIST029	PPGC1F2903	Gulf killifish	Whole Body	gamma-Chlordane	1	25	5	20	19.884	ug/kg	5	ug/kg	N	Y	0.251458459
BIST029	PPGC1F2904	Gulf killifish	Whole Body	gamma-Chlordane	1	25	5	20	19.884	ug/kg	5	ug/kg	N	Y	0.251458459
BIST029	PPGC1F2905	Gulf killifish	Whole Body	gamma-Chlordane	1	25	5	20	19.884	ug/kg	5	ug/kg	N	Y	0.251458459
BIST004	UB041F0401	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0402	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST004	UB041F0404	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST005	UB051F0501	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0502	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0503	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0504	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0505	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0508	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0509	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0510	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0511	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0512	Sailfin molly	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0515	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0516	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0518	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0520	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0523	Gulf killifish	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0525	Sailfin molly	Whole Body	Heptachlor	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST006	MB011F0605	Gulf killifish	Whole Body	Heptachlor	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0607	Gulf killifish	Whole Body	Heptachlor	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0615	Gulf killifish	Whole Body	Heptachlor	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0616	Gulf killifish	Whole Body	Heptachlor	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0624	Gulf killifish	Whole Body	Heptachlor	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST007	MB011F0702	Gulf killifish	Whole Body	Heptachlor	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0703	Gulf killifish	Whole Body	Heptachlor	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0704	Gulf killifish	Whole Body	Heptachlor	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0706	Gulf killifish	Whole Body	Heptachlor	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0708	Gulf killifish	Whole Body	Heptachlor	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST008	MB031F0803	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0804	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0805	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0806	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0811	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST010	MB031F1001	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1004	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1006	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1009	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1013	Gulf killifish	Whole Body	Heptachlor	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST011	LB011F1101	Gulf killifish	Whole Body	Heptachlor	1	26	2	24	11.95961538	ug/kg	5	ug/kg	N	Y	0.418073645
BIST011	LB011F1103	Gulf killifish	Whole Body	Heptachlor	1	26	2	24	11.95961538	ug/kg	5	ug/kg	N	Y	0.418073645
BIST011	LB011F1105	Gulf killifish	Whole Body	Heptachlor	1	26	2	24	11.95961538	ug/kg	5	ug/kg	N	Y	0.418073645
BIST012	LB011F1201	Gulf killifish	Whole Body	Heptachlor	1	29	2	27	12.14827586	ug/kg	5	ug/kg	N	Y	0.411581039
BIST012	LB011F1202	Gulf killifish	Whole Body	Heptachlor	1	29	2	27	12.14827586	ug/kg	5	ug/kg	N	Y	0.411581039
BIST012	LB011F1204	Gulf killifish	Whole Body	Heptachlor	1	29	2	27	12.14827586	ug/kg	5	ug/kg	N	Y	0.411581039
BIST013	LB011F1301	Gulf killifish	Whole Body	Heptachlor	1	29	4	25	13.75172414	ug/kg	5	ug/kg	N	Y	0.363590772
BIST013	LB011F1302	Gulf killifish	Whole Body	Heptachlor	1	29	4	25	13.75172414	ug/kg	5	ug/kg	N	Y	0.363590772
BIST013	LB011F1305	Gulf killifish	Whole Body	Heptachlor	1	29	4	25	13.75172414	ug/kg	5	ug/kg	N	Y	0.363590772
BIST015	LB031F1502	Gulf killifish	Whole Body	Heptachlor	1	24	2	22	12.78333333	ug/kg	5	ug/kg	N	Y	0.391134289
BIST015	LB031F1504	Gulf killifish	Whole Body	Heptachlor	1	24	2	22	12.78333333	ug/kg	5	ug/kg	N	Y	0.391134289
BIST015	LB031F1506	Gulf killifish	Whole Body	Heptachlor	1	24	2	22	12.78333333	ug/kg	5	ug/kg	N	Y	0.391134289
BIST016	LB031F1601	Gulf killifish	Whole Body	Heptachlor	1	35	6	29	21.31285714	ug/kg	5	ug/kg	N	Y	0.234600174
BIST016	LB031F1602	Gulf killifish	Whole Body	Heptachlor	1	35	6	29	21.31285714	ug/kg	5	ug/kg	N	Y	0.234600174
BIST016	LB031F1610	Gulf killifish	Whole Body	Heptachlor	1	35	6	29	21.31285714	ug/kg	5	ug/kg	N	Y	0.234600174
BIST017	LB031F1702	Gulf killifish	Whole Body	Heptachlor	1	11	1	10	17.98636364	ug/kg	5	ug/kg	N	Y	0.277988375

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST017	LB031F1703	Gulf killifish	Whole Body	Heptachlor	1	11	1	10	17.98636364	ug/kg	5	ug/kg	N	Y	0.277988375
BIST017	LB031F1704	Gulf killifish	Whole Body	Heptachlor	1	11	1	10	17.98636364	ug/kg	5	ug/kg	N	Y	0.277988375
BIST019	LB061F1901	Gulf killifish	Whole Body	Heptachlor	1	26	6	20	21.53653846	ug/kg	5	ug/kg	N	Y	0.232163586
BIST019	LB061F1902	Gulf killifish	Whole Body	Heptachlor	1	26	6	20	21.53653846	ug/kg	5	ug/kg	N	Y	0.232163586
BIST019	LB061F1903	Gulf killifish	Whole Body	Heptachlor	1	26	6	20	21.53653846	ug/kg	5	ug/kg	N	Y	0.232163586
BIST024	LB131F2402	Gulf killifish	Whole Body	Heptachlor	1	32	5	27	18.4734375	ug/kg	5	ug/kg	N	Y	0.270658885
BIST024	LB131F2406	Gulf killifish	Whole Body	Heptachlor	1	32	5	27	18.4734375	ug/kg	5	ug/kg	N	Y	0.270658885
BIST024	LB131F2408	Gulf killifish	Whole Body	Heptachlor	1	32	5	27	18.4734375	ug/kg	5	ug/kg	N	Y	0.270658885
BIST026	LB131F2601	Gulf killifish	Whole Body	Heptachlor	1	34	5	29	18.95882353	ug/kg	5	ug/kg	N	Y	0.263729445
BIST025	LB131F2501	Gulf killifish	Whole Body	Heptachlor	1	33	5	28	18.75454545	ug/kg	5	ug/kg	N	Y	0.266602036
BIST025	LB131F2502	Gulf killifish	Whole Body	Heptachlor	1	33	5	28	18.75454545	ug/kg	5	ug/kg	N	Y	0.266602036
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Heptachlor	1	33	5	28	18.75454545	ug/kg	5	ug/kg	N	Y	0.266602036
BIST026	LB131F2604	Gulf killifish	Whole Body	Heptachlor	1	34	5	29	18.95882353	ug/kg	5	ug/kg	N	Y	0.263729445
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Heptachlor	1	26	2	24	13.21730769	ug/kg	5	ug/kg	N	Y	0.378291867
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Heptachlor	1	26	2	24	13.21730769	ug/kg	5	ug/kg	N	Y	0.378291867
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Heptachlor	1	26	2	24	13.21730769	ug/kg	5	ug/kg	N	Y	0.378291867
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Heptachlor	1	22	0	22	7.877272727	ug/kg	5	ug/kg	N	Y	0.63473745
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Heptachlor	1	22	0	22	7.877272727	ug/kg	5	ug/kg	N	Y	0.63473745
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Heptachlor	1	22	0	22	7.877272727	ug/kg	5	ug/kg	N	Y	0.63473745
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Heptachlor	1	25	1	24	8.248	ug/kg	5	ug/kg	N	Y	0.606207565
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Heptachlor	1	25	1	24	8.248	ug/kg	5	ug/kg	N	Y	0.606207565
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Heptachlor	1	25	1	24	8.248	ug/kg	5	ug/kg	N	Y	0.606207565
BIST004	UB041F0401	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0402	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST004	UB041F0404	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.196153846	ug/kg	5	ug/kg	N	Y	2.276707531
BIST005	UB051F0501	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0502	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0503	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0504	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0505	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0508	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0509	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0510	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0511	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0512	Sailfin molly	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0515	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0516	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0518	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0520	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0523	Gulf killifish	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST005	UB051F0525	Sailfin molly	Whole Body	Heptachlor Epoxide	1	13	0	13	2.184615385	ug/kg	5	ug/kg	N	Y	2.288732394
BIST006	MB011F0605	Gulf killifish	Whole Body	Heptachlor Epoxide	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0607	Gulf killifish	Whole Body	Heptachlor Epoxide	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0615	Gulf killifish	Whole Body	Heptachlor Epoxide	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0616	Gulf killifish	Whole Body	Heptachlor Epoxide	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST006	MB011F0624	Gulf killifish	Whole Body	Heptachlor Epoxide	1	14	0	14	2.925	ug/kg	5	ug/kg	N	Y	1.709401709
BIST007	MB011F0702	Gulf killifish	Whole Body	Heptachlor Epoxide	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0703	Gulf killifish	Whole Body	Heptachlor Epoxide	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0704	Gulf killifish	Whole Body	Heptachlor Epoxide	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0706	Gulf killifish	Whole Body	Heptachlor Epoxide	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST007	MB011F0708	Gulf killifish	Whole Body	Heptachlor Epoxide	1	12	0	12	2.770833333	ug/kg	5	ug/kg	N	Y	1.804511278
BIST008	MB031F0803	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0804	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031F0805	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0806	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST008	MB031F0811	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.9575	ug/kg	5	ug/kg	N	Y	0.839278221
BIST010	MB031F1001	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1004	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1006	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1009	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST010	MB031F1013	Gulf killifish	Whole Body	Heptachlor Epoxide	1	20	0	20	5.945	ug/kg	5	ug/kg	N	Y	0.841042893
BIST011	LB011F1101	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	1	25	24.40769231	ug/kg	5	ug/kg	N	Y	0.204853451
BIST011	LB011F1103	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	1	25	24.40769231	ug/kg	5	ug/kg	N	Y	0.204853451
BIST011	LB011F1105	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	1	25	24.40769231	ug/kg	5	ug/kg	N	Y	0.204853451
BIST012	LB011F1201	Gulf killifish	Whole Body	Heptachlor Epoxide	1	29	1	28	23.30862069	ug/kg	5	ug/kg	N	Y	0.214512908
BIST012	LB011F1202	Gulf killifish	Whole Body	Heptachlor Epoxide	1	29	1	28	23.30862069	ug/kg	5	ug/kg	N	Y	0.214512908
BIST012	LB011F1204	Gulf killifish	Whole Body	Heptachlor Epoxide	1	29	1	28	23.30862069	ug/kg	5	ug/kg	N	Y	0.214512908
BIST013	LB011F1301	Gulf killifish	Whole Body	Heptachlor Epoxide	1	29	0	29	23.68103448	ug/kg	5	ug/kg	N	Y	0.211139425
BIST013	LB011F1302	Gulf killifish	Whole Body	Heptachlor Epoxide	1	29	0	29	23.68103448	ug/kg	5	ug/kg	N	Y	0.211139425
BIST013	LB011F1305	Gulf killifish	Whole Body	Heptachlor Epoxide	1	29	0	29	23.68103448	ug/kg	5	ug/kg	N	Y	0.211139425
BIST015	LB031F1502	Gulf killifish	Whole Body	Heptachlor Epoxide	1	24	1	23	12.25625	ug/kg	5	ug/kg	N	Y	0.407955125
BIST015	LB031F1504	Gulf killifish	Whole Body	Heptachlor Epoxide	1	24	1	23	12.25625	ug/kg	5	ug/kg	N	Y	0.407955125
BIST015	LB031F1506	Gulf killifish	Whole Body	Heptachlor Epoxide	1	24	1	23	12.25625	ug/kg	5	ug/kg	N	Y	0.407955125
BIST016	LB031F1601	Gulf killifish	Whole Body	Heptachlor Epoxide	1	35	2	33	11.59428571	ug/kg	5	ug/kg	N	Y	0.43124692
BIST016	LB031F1602	Gulf killifish	Whole Body	Heptachlor Epoxide	1	35	2	33	11.59428571	ug/kg	5	ug/kg	N	Y	0.43124692
BIST016	LB031F1610	Gulf killifish	Whole Body	Heptachlor Epoxide	1	35	2	33	11.59428571	ug/kg	5	ug/kg	N	Y	0.43124692
BIST017	LB031F1702	Gulf killifish	Whole Body	Heptachlor Epoxide	1	11	1	10	16.73636364	ug/kg	5	ug/kg	N	Y	0.298750679
BIST017	LB031F1703	Gulf killifish	Whole Body	Heptachlor Epoxide	1	11	1	10	16.73636364	ug/kg	5	ug/kg	N	Y	0.298750679
BIST017	LB031F1704	Gulf killifish	Whole Body	Heptachlor Epoxide	1	11	1	10	16.73636364	ug/kg	5	ug/kg	N	Y	0.298750679
BIST019	LB061F1901	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	2	24	8.944230769	ug/kg	5	ug/kg	N	Y	0.559019566
BIST019	LB061F1902	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	2	24	8.944230769	ug/kg	5	ug/kg	N	Y	0.559019566
BIST019	LB061F1903	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	2	24	8.944230769	ug/kg	5	ug/kg	N	Y	0.559019566
BIST024	LB131F2402	Gulf killifish	Whole Body	Heptachlor Epoxide	1	32	1	31	8.2859375	ug/kg	5	ug/kg	N	Y	0.60343202
BIST024	LB131F2406	Gulf killifish	Whole Body	Heptachlor Epoxide	1	32	1	31	8.2859375	ug/kg	5	ug/kg	N	Y	0.60343202
BIST024	LB131F2408	Gulf killifish	Whole Body	Heptachlor Epoxide	1	32	1	31	8.2859375	ug/kg	5	ug/kg	N	Y	0.60343202
BIST026	LB131F2601	Gulf killifish	Whole Body	Heptachlor Epoxide	1	34	2	32	22.90735294	ug/kg	5	ug/kg	N	Y	0.218270527
BIST025	LB131F2501	Gulf killifish	Whole Body	Heptachlor Epoxide	1	33	2	31	8.868181818	ug/kg	5	ug/kg	N	Y	0.563813429
BIST025	LB131F2502	Gulf killifish	Whole Body	Heptachlor Epoxide	1	33	2	31	8.868181818	ug/kg	5	ug/kg	N	Y	0.563813429
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Heptachlor Epoxide	1	33	2	31	8.868181818	ug/kg	5	ug/kg	N	Y	0.563813429
BIST026	LB131F2604	Gulf killifish	Whole Body	Heptachlor Epoxide	1	34	2	32	22.90735294	ug/kg	5	ug/kg	N	Y	0.218270527
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	0	26	25.67884615	ug/kg	5	ug/kg	N	Y	0.194712799
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	0	26	25.67884615	ug/kg	5	ug/kg	N	Y	0.194712799
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Heptachlor Epoxide	1	26	0	26	25.67884615	ug/kg	5	ug/kg	N	Y	0.194712799
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Heptachlor Epoxide	1	22	1	21	28.79772727	ug/kg	5	ug/kg	N	Y	0.173624813
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Heptachlor Epoxide	1	22	1	21	28.79772727	ug/kg	5	ug/kg	N	Y	0.173624813
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Heptachlor Epoxide	1	22	1	21	28.79772727	ug/kg	5	ug/kg	N	Y	0.173624813
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Heptachlor Epoxide	1	25	1	24	25.698	ug/kg	5	ug/kg	N	Y	0.194567671
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Heptachlor Epoxide	1	25	1	24	25.698	ug/kg	5	ug/kg	N	Y	0.194567671
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Heptachlor Epoxide	1	25	1	24	25.698	ug/kg	5	ug/kg	N	Y	0.194567671
BIST004	UB041F0401	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	778.9	ug/kg	100	ug/kg	N	Y	0.128386186
BIST004	UB041F0402	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	778.9	ug/kg	20	ug/kg	N	Y	0.025677237
BIST004	UB041F0404	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	778.9	ug/kg	100	ug/kg	N	Y	0.128386186
BIST005	UB051F0501	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0502	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0503	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0504	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0505	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0508	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0509	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0510	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0511	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0512	Sailfin molly	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	80	ug/kg	N	Y	0.096595923
BIST005	UB051F0515	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	100	ug/kg	N	Y	0.120744903
BIST005	UB051F0516	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0518	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0520	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0523	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0525	Sailfin molly	Whole Body	Hexachloro-1,3-butadiene	1	13	0	13	828.1923077	ug/kg	60	ug/kg	N	Y	0.072446942
BIST006	MB011F0605	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST006	MB011F0607	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	354.7666667	ug/kg	200	ug/kg	N	Y	0.563750822
BIST006	MB011F0615	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	354.7666667	ug/kg	200	ug/kg	N	Y	0.563750822
BIST006	MB011F0616	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST006	MB011F0624	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST007	MB011F0702	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0703	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0704	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0706	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0708	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST008	MB031F0803	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0804	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0805	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0806	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0811	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST010	MB031F1001	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1004	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1006	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1009	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1013	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST011	LB011F1101	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	31	4	27	500.4032258	ug/kg	200	ug/kg	N	Y	0.399677679
BIST011	LB011F1103	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	31	4	27	500.4032258	ug/kg	200	ug/kg	N	Y	0.399677679
BIST011	LB011F1105	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	31	4	27	500.4032258	ug/kg	200	ug/kg	N	Y	0.399677679
BIST012	LB011F1201	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	37	5	32	500.2837838	ug/kg	200	ug/kg	N	Y	0.399773102
BIST012	LB011F1202	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	37	5	32	500.2837838	ug/kg	100	ug/kg	N	Y	0.199886551
BIST012	LB011F1204	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	37	5	32	500.2837838	ug/kg	20	ug/kg	N	Y	0.03997731
BIST013	LB011F1301	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	38	6	32	438.6973684	ug/kg	100	ug/kg	N	Y	0.227947572
BIST013	LB011F1302	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	38	6	32	438.6973684	ug/kg	40	ug/kg	N	Y	0.091179029
BIST013	LB011F1305	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	38	6	32	438.6973684	ug/kg	100	ug/kg	N	Y	0.227947572
BIST015	LB031F1502	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	44	3	41	3243.977273	ug/kg	100	ug/kg	N	Y	0.030826357
BIST015	LB031F1504	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	44	3	41	3243.977273	ug/kg	200	ug/kg	N	Y	0.061652713
BIST015	LB031F1506	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	44	3	41	3243.977273	ug/kg	100	ug/kg	N	Y	0.030826357
BIST016	LB031F1601	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	58	9	49	2642.551724	ug/kg	200	ug/kg	N	Y	0.075684422
BIST016	LB031F1602	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	58	9	49	2642.551724	ug/kg	20	ug/kg	N	Y	0.007568442
BIST016	LB031F1610	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	58	9	49	2642.551724	ug/kg	20	ug/kg	N	Y	0.007568442
BIST017	LB031F1702	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	19	2	17	6703.421053	ug/kg	500	ug/kg	N	Y	0.07458878
BIST017	LB031F1703	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	19	2	17	6703.421053	ug/kg	60	ug/kg	N	Y	0.008950654
BIST017	LB031F1704	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	19	2	17	6703.421053	ug/kg	40	ug/kg	N	Y	0.005967102
BIST019	LB061F1901	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	45	8	37	622.9555556	ug/kg	20	ug/kg	N	Y	0.032105019
BIST019	LB061F1902	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	45	8	37	622.9555556	ug/kg	200	ug/kg	N	Y	0.321050191
BIST019	LB061F1903	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	45	8	37	622.9555556	ug/kg	20	ug/kg	N	Y	0.032105019
BIST024	LB131F2402	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	53	8	45	527.6037736	ug/kg	100	ug/kg	N	Y	0.189536173

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST024	LB131F2406	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	53	8	45	527.6037736	ug/kg	200	ug/kg	N	Y	0.379072346
BIST024	LB131F2408	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	53	8	45	527.6037736	ug/kg	200	ug/kg	N	Y	0.379072346
BIST026	LB131F2601	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	53	7	46	698.8584906	ug/kg	40	ug/kg	N	Y	0.057236194
BIST025	LB131F2502	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	54	7	47	751.5462963	ug/kg	200	ug/kg	N	Y	0.266118004
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Hexachloro-1,3-butadiene	1	54	7	47	751.5462963	ug/kg	400	ug/kg	N	Y	0.532236007
BIST026	LB131F2604	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	53	7	46	698.8584906	ug/kg	100	ug/kg	N	Y	0.143090484
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	33	5	28	446.2272727	ug/kg	200	ug/kg	N	Y	0.448202098
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	33	5	28	446.2272727	ug/kg	40	ug/kg	N	Y	0.08964042
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	33	5	28	446.2272727	ug/kg	200	ug/kg	N	Y	0.448202098
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	32	3	29	3569.546875	ug/kg	200	ug/kg	N	Y	0.056029521
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	32	3	29	3569.546875	ug/kg	100	ug/kg	N	Y	0.02801476
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	32	3	29	3569.546875	ug/kg	40	ug/kg	N	Y	0.011205904
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	32	4	28	592.828125	ug/kg	200	ug/kg	N	Y	0.33736591
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	32	4	28	592.828125	ug/kg	200	ug/kg	N	Y	0.33736591
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Hexachloro-1,3-butadiene	1	32	4	28	592.828125	ug/kg	19	ug/kg	Y	Y	0.032049761
BIST004	UB041F0401	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	778.9	ug/kg	100	ug/kg	N	Y	0.128386186
BIST004	UB041F0402	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	778.9	ug/kg	20	ug/kg	N	Y	0.025677237
BIST004	UB041F0404	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	778.9	ug/kg	100	ug/kg	N	Y	0.128386186
BIST005	UB051F0501	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0502	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0503	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0504	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0505	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0508	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0509	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0508	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0509	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0510	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0511	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0512	Sailfin molly	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	80	ug/kg	N	Y	0.096595923
BIST005	UB051F0515	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	100	ug/kg	N	Y	0.120744903
BIST005	UB051F0516	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0518	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0520	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0523	Gulf killifish	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0525	Sailfin molly	Whole Body	Hexachlorobenzene	1	13	0	13	828.1923077	ug/kg	60	ug/kg	N	Y	0.072446942
BIST006	MB011F0605	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST006	MB011F0607	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	354.7666667	ug/kg	200	ug/kg	N	Y	0.563750822
BIST006	MB011F0615	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	354.7666667	ug/kg	200	ug/kg	N	Y	0.563750822
BIST006	MB011F0616	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST006	MB011F0624	Gulf killifish	Whole Body	Hexachlorobenzene	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST007	MB011F0702	Gulf killifish	Whole Body	Hexachlorobenzene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0703	Gulf killifish	Whole Body	Hexachlorobenzene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0704	Gulf killifish	Whole Body	Hexachlorobenzene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0706	Gulf killifish	Whole Body	Hexachlorobenzene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0708	Gulf killifish	Whole Body	Hexachlorobenzene	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST008	MB031F0803	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0804	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0805	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0806	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0811	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST010	MB031F1001	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1004	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1006	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1009	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST010	MB031F1013	Gulf killifish	Whole Body	Hexachlorobenzene	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST011	LB011F1101	Gulf killifish	Whole Body	Hexachlorobenzene	1	31	6	25	714.7580645	ug/kg	200	ug/kg	N	Y	0.279814961
BIST011	LB011F1103	Gulf killifish	Whole Body	Hexachlorobenzene	1	31	6	25	714.7580645	ug/kg	200	ug/kg	N	Y	0.279814961
BIST011	LB011F1105	Gulf killifish	Whole Body	Hexachlorobenzene	1	31	6	25	714.7580645	ug/kg	200	ug/kg	N	Y	0.279814961
BIST012	LB011F1201	Gulf killifish	Whole Body	Hexachlorobenzene	1	37	8	29	690.1486486	ug/kg	200	ug/kg	N	Y	0.289792642
BIST012	LB011F1202	Gulf killifish	Whole Body	Hexachlorobenzene	1	37	8	29	690.1486486	ug/kg	100	ug/kg	N	Y	0.144896321
BIST012	LB011F1204	Gulf killifish	Whole Body	Hexachlorobenzene	1	37	8	29	690.1486486	ug/kg	20	ug/kg	N	Y	0.028979264
BIST013	LB011F1301	Gulf killifish	Whole Body	Hexachlorobenzene	1	38	9	29	637.5131579	ug/kg	100	ug/kg	N	Y	0.156859508
BIST013	LB011F1302	Gulf killifish	Whole Body	Hexachlorobenzene	1	38	9	29	637.5131579	ug/kg	40	ug/kg	N	Y	0.062743803
BIST013	LB011F1305	Gulf killifish	Whole Body	Hexachlorobenzene	1	38	9	29	637.5131579	ug/kg	100	ug/kg	N	Y	0.156859508
BIST015	LB031F1502	Gulf killifish	Whole Body	Hexachlorobenzene	1	44	6	38	3199.659091	ug/kg	100	ug/kg	N	Y	0.03125333
BIST015	LB031F1504	Gulf killifish	Whole Body	Hexachlorobenzene	1	44	6	38	3199.659091	ug/kg	200	ug/kg	N	Y	0.062506659
BIST015	LB031F1506	Gulf killifish	Whole Body	Hexachlorobenzene	1	44	6	38	3199.659091	ug/kg	100	ug/kg	N	Y	0.03125333
BIST016	LB031F1601	Gulf killifish	Whole Body	Hexachlorobenzene	1	55	12	43	3359.254545	ug/kg	200	ug/kg	N	Y	0.059537018
BIST016	LB031F1602	Gulf killifish	Whole Body	Hexachlorobenzene	1	55	12	43	3359.254545	ug/kg	20	ug/kg	N	Y	0.005953702
BIST016	LB031F1610	Gulf killifish	Whole Body	Hexachlorobenzene	1	55	12	43	3359.254545	ug/kg	20	ug/kg	N	Y	0.005953702
BIST017	LB031F1702	Gulf killifish	Whole Body	Hexachlorobenzene	1	19	2	17	6591.842105	ug/kg	500	ug/kg	N	Y	0.075851331
BIST017	LB031F1703	Gulf killifish	Whole Body	Hexachlorobenzene	1	19	2	17	6591.842105	ug/kg	60	ug/kg	N	Y	0.00910216
BIST017	LB031F1704	Gulf killifish	Whole Body	Hexachlorobenzene	1	19	2	17	6591.842105	ug/kg	40	ug/kg	N	Y	0.006068107
BIST019	LB061F1901	Gulf killifish	Whole Body	Hexachlorobenzene	1	42	11	31	1468.190476	ug/kg	20	ug/kg	N	Y	0.013622211
BIST019	LB061F1902	Gulf killifish	Whole Body	Hexachlorobenzene	1	42	11	31	1468.190476	ug/kg	200	ug/kg	N	Y	0.136222107
BIST019	LB061F1903	Gulf killifish	Whole Body	Hexachlorobenzene	1	42	11	31	1468.190476	ug/kg	20	ug/kg	N	Y	0.013622211
BIST024	LB131F2402	Gulf killifish	Whole Body	Hexachlorobenzene	1	50	11	39	1231.88	ug/kg	100	ug/kg	N	Y	0.081176738
BIST024	LB131F2406	Gulf killifish	Whole Body	Hexachlorobenzene	1	50	11	39	1231.88	ug/kg	200	ug/kg	N	Y	0.162353476
BIST026	LB131F2601	Gulf killifish	Whole Body	Hexachlorobenzene	1	50	11	39	1379.51	ug/kg	40	ug/kg	N	Y	0.028995803
BIST024	LB131F2408	Gulf killifish	Whole Body	Hexachlorobenzene	1	50	11	39	1231.88	ug/kg	200	ug/kg	N	Y	0.162353476
BIST025	LB131F2502	Gulf killifish	Whole Body	Hexachlorobenzene	1	51	12	39	1458.22549	ug/kg	200	ug/kg	N	Y	0.137153
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Hexachlorobenzene	1	51	12	39	1458.22549	ug/kg	400	ug/kg	N	Y	0.274305999
BIST026	LB131F2604	Gulf killifish	Whole Body	Hexachlorobenzene	1	50	11	39	1379.51	ug/kg	100	ug/kg	N	Y	0.072489507
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Hexachlorobenzene	1	33	8	25	659.1060606	ug/kg	200	ug/kg	N	Y	0.3034413
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Hexachlorobenzene	1	33	8	25	659.1060606	ug/kg	40	ug/kg	N	Y	0.06068826
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Hexachlorobenzene	1	33	8	25	659.1060606	ug/kg	200	ug/kg	N	Y	0.3034413
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Hexachlorobenzene	1	32	4	28	3576.265625	ug/kg	200	ug/kg	N	Y	0.055924258
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Hexachlorobenzene	1	32	4	28	3576.265625	ug/kg	100	ug/kg	N	Y	0.027962129
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Hexachlorobenzene	1	32	4	28	3576.265625	ug/kg	40	ug/kg	N	Y	0.011184852
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Hexachlorobenzene	1	32	6	26	636.421875	ug/kg	200	ug/kg	N	Y	0.314256954
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Hexachlorobenzene	1	32	6	26	636.421875	ug/kg	200	ug/kg	N	Y	0.314256954
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Hexachlorobenzene	1	32	6	26	636.421875	ug/kg	20	ug/kg	N	Y	0.031425695
BIST004	UB041F0401	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	778.9	ug/kg	100	ug/kg	N	Y	0.128386186
BIST004	UB041F0402	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	778.9	ug/kg	20	ug/kg	N	Y	0.025677237
BIST004	UB041F0404	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	778.9	ug/kg	100	ug/kg	N	Y	0.128386186
BIST005	UB051F0501	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0502	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0503	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0504	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0505	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0508	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0509	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0510	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0511	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0512	Sailfin molly	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	80	ug/kg	N	Y	0.096595923
BIST005	UB051F0515	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	100	ug/kg	N	Y	0.120744903
BIST005	UB051F0516	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0518	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	20	ug/kg	N	Y	0.024148981
BIST005	UB051F0520	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0523	Gulf killifish	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	40	ug/kg	N	Y	0.048297961
BIST005	UB051F0525	Sailfin molly	Whole Body	Hexachloroethane	1	13	0	13	828.1923077	ug/kg	60	ug/kg	N	Y	0.072446942
BIST006	MB011F0605	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST006	MB011F0607	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	354.7666667	ug/kg	200	ug/kg	N	Y	0.563750822
BIST006	MB011F0615	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	354.7666667	ug/kg	200	ug/kg	N	Y	0.563750822
BIST006	MB011F0616	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST006	MB011F0624	Gulf killifish	Whole Body	Hexachloroethane	1	15	0	15	354.7666667	ug/kg	100	ug/kg	N	Y	0.281875411
BIST007	MB011F0702	Gulf killifish	Whole Body	Hexachloroethane	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0703	Gulf killifish	Whole Body	Hexachloroethane	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0704	Gulf killifish	Whole Body	Hexachloroethane	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0706	Gulf killifish	Whole Body	Hexachloroethane	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST007	MB011F0708	Gulf killifish	Whole Body	Hexachloroethane	1	12	0	12	435.9583333	ug/kg	100	ug/kg	N	Y	0.229379719
BIST008	MB031F0803	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0804	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0805	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0806	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST008	MB031F0811	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	462.25	ug/kg	100	ug/kg	N	Y	0.216333153
BIST010	MB031F1001	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1004	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1006	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1009	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST010	MB031F1013	Gulf killifish	Whole Body	Hexachloroethane	1	20	0	20	456.75	ug/kg	100	ug/kg	N	Y	0.21893815
BIST011	LB011F1101	Gulf killifish	Whole Body	Hexachloroethane	1	31	0	31	486.0483871	ug/kg	200	ug/kg	N	Y	0.411481666
BIST011	LB011F1103	Gulf killifish	Whole Body	Hexachloroethane	1	31	0	31	486.0483871	ug/kg	200	ug/kg	N	Y	0.411481666
BIST011	LB011F1105	Gulf killifish	Whole Body	Hexachloroethane	1	31	0	31	486.0483871	ug/kg	200	ug/kg	N	Y	0.411481666
BIST012	LB011F1201	Gulf killifish	Whole Body	Hexachloroethane	1	37	0	37	490.0135135	ug/kg	200	ug/kg	N	Y	0.408152009
BIST012	LB011F1202	Gulf killifish	Whole Body	Hexachloroethane	1	37	0	37	490.0135135	ug/kg	100	ug/kg	N	Y	0.204076005
BIST012	LB011F1204	Gulf killifish	Whole Body	Hexachloroethane	1	37	0	37	490.0135135	ug/kg	20	ug/kg	N	Y	0.040815201
BIST013	LB011F1301	Gulf killifish	Whole Body	Hexachloroethane	1	38	0	38	427.3157895	ug/kg	100	ug/kg	N	Y	0.234018968
BIST013	LB011F1302	Gulf killifish	Whole Body	Hexachloroethane	1	38	0	38	427.3157895	ug/kg	40	ug/kg	N	Y	0.093607587
BIST013	LB011F1305	Gulf killifish	Whole Body	Hexachloroethane	1	38	0	38	427.3157895	ug/kg	100	ug/kg	N	Y	0.234018968
BIST015	LB031F1502	Gulf killifish	Whole Body	Hexachloroethane	1	44	0	44	3230.568182	ug/kg	100	ug/kg	N	Y	0.030954307
BIST015	LB031F1504	Gulf killifish	Whole Body	Hexachloroethane	1	44	0	44	3230.568182	ug/kg	200	ug/kg	N	Y	0.061908614
BIST015	LB031F1506	Gulf killifish	Whole Body	Hexachloroethane	1	44	0	44	3230.568182	ug/kg	100	ug/kg	N	Y	0.030954307
BIST016	LB031F1601	Gulf killifish	Whole Body	Hexachloroethane	1	55	0	55	2722.490909	ug/kg	200	ug/kg	N	Y	0.073462137
BIST016	LB031F1602	Gulf killifish	Whole Body	Hexachloroethane	1	55	0	55	2722.490909	ug/kg	20	ug/kg	N	Y	0.007346214
BIST016	LB031F1610	Gulf killifish	Whole Body	Hexachloroethane	1	55	0	55	2722.490909	ug/kg	20	ug/kg	N	Y	0.007346214
BIST017	LB031F1702	Gulf killifish	Whole Body	Hexachloroethane	1	19	0	19	6668.947368	ug/kg	500	ug/kg	N	Y	0.074974351
BIST017	LB031F1703	Gulf killifish	Whole Body	Hexachloroethane	1	19	0	19	6668.947368	ug/kg	60	ug/kg	N	Y	0.008996922
BIST017	LB031F1704	Gulf killifish	Whole Body	Hexachloroethane	1	19	0	19	6668.947368	ug/kg	40	ug/kg	N	Y	0.005997948
BIST019	LB061F1901	Gulf killifish	Whole Body	Hexachloroethane	1	42	0	42	607.9047619	ug/kg	20	ug/kg	N	Y	0.03289989
BIST019	LB061F1902	Gulf killifish	Whole Body	Hexachloroethane	1	42	0	42	607.9047619	ug/kg	200	ug/kg	N	Y	0.328998903
BIST019	LB061F1903	Gulf killifish	Whole Body	Hexachloroethane	1	42	0	42	607.9047619	ug/kg	20	ug/kg	N	Y	0.03289989
BIST024	LB131F2402	Gulf killifish	Whole Body	Hexachloroethane	1	50	0	50	509.24	ug/kg	100	ug/kg	N	Y	0.196371063
BIST024	LB131F2406	Gulf killifish	Whole Body	Hexachloroethane	1	50	0	50	509.24	ug/kg	200	ug/kg	N	Y	0.392742126
BIST024	LB131F2408	Gulf killifish	Whole Body	Hexachloroethane	1	50	0	50	509.24	ug/kg	200	ug/kg	N	Y	0.392742126
BIST025	LB131F2502	Gulf killifish	Whole Body	Hexachloroethane	1	51	0	51	747.9803922	ug/kg	200	ug/kg	N	Y	0.267386688
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Hexachloroethane	1	51	0	51	747.9803922	ug/kg	400	ug/kg	N	Y	0.534773377
BIST026	LB131F2601	Gulf killifish	Whole Body	Hexachloroethane	1	50	0	50	697.66	ug/kg	40	ug/kg	N	Y	0.057334518
BIST026	LB131F2604	Gulf killifish	Whole Body	Hexachloroethane	1	50	0	50	697.66	ug/kg	100	ug/kg	N	Y	0.143336296
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Hexachloroethane	1	33	0	33	434.7121212	ug/kg	200	ug/kg	N	Y	0.460074588
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Hexachloroethane	1	33	0	33	434.7121212	ug/kg	40	ug/kg	N	Y	0.092014918

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Hexachloroethane	1	33	0	33	434.7121212	ug/kg	200	ug/kg	N	Y	0.460074588
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Hexachloroethane	1	32	0	32	3583.765625	ug/kg	200	ug/kg	N	Y	0.055807221
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Hexachloroethane	1	32	0	32	3583.765625	ug/kg	100	ug/kg	N	Y	0.02790361
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Hexachloroethane	1	32	0	32	3583.765625	ug/kg	40	ug/kg	N	Y	0.011161444
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Hexachloroethane	1	32	0	32	598.765625	ug/kg	200	ug/kg	N	Y	0.334020511
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Hexachloroethane	1	32	0	32	598.765625	ug/kg	200	ug/kg	N	Y	0.334020511
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Hexachloroethane	1	32	0	32	598.765625	ug/kg	20	ug/kg	N	Y	0.033402051
BIST004	UB041F0402	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	15	1	14	779.3266667	ug/kg	20	ug/kg	N	Y	0.025663179
BIST005	UB051F0501	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	40	ug/kg	N	Y	0.046556741
BIST005	UB051F0502	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	20	ug/kg	N	Y	0.023278371
BIST005	UB051F0503	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	40	ug/kg	N	Y	0.046556741
BIST005	UB051F0504	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	40	ug/kg	N	Y	0.046556741
BIST005	UB051F0508	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	20	ug/kg	N	Y	0.023278371
BIST005	UB051F0509	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	20	ug/kg	N	Y	0.023278371
BIST005	UB051F0510	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	20	ug/kg	N	Y	0.023278371
BIST005	UB051F0511	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	20	ug/kg	N	Y	0.023278371
BIST005	UB051F0512	Sailfin molly	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	80	ug/kg	N	Y	0.093113482
BIST005	UB051F0515	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	100	ug/kg	N	Y	0.116391853
BIST005	UB051F0516	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	40	ug/kg	N	Y	0.046556741
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	20	ug/kg	N	Y	0.023278371
BIST005	UB051F0518	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	20	ug/kg	N	Y	0.023278371
BIST005	UB051F0520	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	40	ug/kg	N	Y	0.046556741
BIST005	UB051F0525	Sailfin molly	Whole Body	Indeno(1,2,3-cd)pyrene	1	12	2	10	859.1666667	ug/kg	60	ug/kg	N	Y	0.069835112
BIST006	MB011F0607	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	14	3	11	349.3214286	ug/kg	200	ug/kg	N	Y	0.572538595
BIST006	MB011F0615	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	14	3	11	349.3214286	ug/kg	200	ug/kg	N	Y	0.572538595
BIST006	MB011F0607	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	14	3	11	349.3214286	ug/kg	200	ug/kg	N	Y	0.572538595
BIST007	MB011F0704	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	11	3	8	436.4090909	ug/kg	200	ug/kg	N	Y	0.458285595
BIST011	LB011F1101	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	28	5	23	539.9285714	ug/kg	200	ug/kg	N	Y	0.370419368
BIST011	LB011F1103	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	28	5	23	539.9285714	ug/kg	200	ug/kg	N	Y	0.370419368
BIST011	LB011F1105	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	28	5	23	539.9285714	ug/kg	200	ug/kg	N	Y	0.370419368
BIST012	LB011F1201	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	31	5	26	583.1612903	ug/kg	200	ug/kg	N	Y	0.342958292
BIST012	LB011F1202	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	31	5	26	583.1612903	ug/kg	100	ug/kg	N	Y	0.171479146
BIST012	LB011F1204	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	31	5	26	583.1612903	ug/kg	20	ug/kg	N	Y	0.034295829
BIST013	LB011F1301	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	32	6	26	507.246875	ug/kg	100	ug/kg	N	Y	0.197142664
BIST013	LB011F1302	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	32	6	26	507.246875	ug/kg	40	ug/kg	N	Y	0.078857065
BIST013	LB011F1305	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	32	6	26	507.246875	ug/kg	100	ug/kg	N	Y	0.197142664
BIST015	LB031F1502	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	40	6	34	3697.4	ug/kg	100	ug/kg	N	Y	0.027046032
BIST015	LB031F1504	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	40	6	34	3697.4	ug/kg	200	ug/kg	N	Y	0.054092065
BIST015	LB031F1506	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	40	6	34	3697.4	ug/kg	100	ug/kg	N	Y	0.027046032
BIST016	LB031F1601	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	53	10	43	2910.920755	ug/kg	200	ug/kg	N	Y	0.068706783
BIST016	LB031F1602	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	53	10	43	2910.920755	ug/kg	20	ug/kg	N	Y	0.006870678
BIST016	LB031F1610	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	53	10	43	2910.920755	ug/kg	20	ug/kg	N	Y	0.006870678
BIST017	LB031F1703	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	19	3	16	6944.421053	ug/kg	60	ug/kg	N	Y	0.008640029
BIST017	LB031F1704	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	19	3	16	6944.421053	ug/kg	40	ug/kg	N	Y	0.005760019
BIST019	LB061F1901	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	40	7	33	620.995	ug/kg	20	ug/kg	N	Y	0.032206378
BIST019	LB061F1902	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	40	7	33	620.995	ug/kg	200	ug/kg	N	Y	0.322063785
BIST019	LB061F1903	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	40	7	33	620.995	ug/kg	20	ug/kg	N	Y	0.032206378
BIST024	LB131F2402	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	48	5	43	526.975	ug/kg	100	ug/kg	N	Y	0.189762323
BIST024	LB131F2406	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	48	5	43	526.975	ug/kg	200	ug/kg	N	Y	0.379524645
BIST024	LB131F2408	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	48	5	43	526.975	ug/kg	200	ug/kg	N	Y	0.379524645
BIST025	LB131F2502	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	48	6	42	801.8104167	ug/kg	200	ug/kg	N	Y	0.249435522
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Indeno(1,2,3-cd)pyrene	1	48	6	42	801.8104167	ug/kg	400	ug/kg	N	Y	0.498871044
BIST026	LB131F2601	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	43	9	34	815.1372093	ug/kg	40	ug/kg	N	Y	0.049071493
BIST026	LB131F2604	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	43	9	34	815.1372093	ug/kg	100	ug/kg	N	Y	0.122678733
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	27	5	22	529.3703704	ug/kg	200	ug/kg	N	Y	0.377807318

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	27	5	22	529.3703704	ug/kg	40	ug/kg	N	Y	0.075561464
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	27	5	22	529.3703704	ug/kg	200	ug/kg	N	Y	0.377807318
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	26	5	21	4418.576923	ug/kg	200	ug/kg	N	Y	0.045263442
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	26	5	21	4418.576923	ug/kg	40	ug/kg	N	Y	0.009052688
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	26	5	21	734.9230769	ug/kg	200	ug/kg	N	Y	0.272137325
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	26	5	21	734.9230769	ug/kg	200	ug/kg	N	Y	0.272137325
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Indeno(1,2,3-cd)pyrene	1	26	5	21	734.9230769	ug/kg	20	ug/kg	N	Y	0.027213732
BIST004	UB041F0401	Gulf killifish	Whole Body	Lead	1	14	14	0	27.12142857	mg/kg	0.11	mg/kg	Y	Y	0.004055834
BIST004	UB041F0402	Gulf killifish	Whole Body	Lead	1	14	14	0	27.12142857	mg/kg	0.01	mg/kg	N	Y	0.000368712
BIST004	UB041F0404	Gulf killifish	Whole Body	Lead	1	14	14	0	27.12142857	mg/kg	0.09	mg/kg	Y	Y	0.003318409
BIST005	UB051F0501	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.11	mg/kg	Y	Y	0.002810258
BIST005	UB051F0502	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.07	mg/kg	Y	Y	0.001788346
BIST005	UB051F0503	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.17	mg/kg	Y	Y	0.004343127
BIST005	UB051F0504	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.02	mg/kg	Y	Y	0.000510956
BIST005	UB051F0505	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.2	mg/kg	Y	Y	0.005109561
BIST005	UB051F0508	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.01	mg/kg	N	Y	0.000255478
BIST005	UB051F0509	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.12	mg/kg	Y	Y	0.003065736
BIST005	UB051F0510	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.1	mg/kg	Y	Y	0.00255478
BIST005	UB051F0511	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.51	mg/kg	Y	Y	0.01302938
BIST005	UB051F0512	Sailfin molly	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.17	mg/kg	Y	Y	0.004343127
BIST005	UB051F0515	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.14	mg/kg	Y	Y	0.003576693
BIST005	UB051F0516	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.13	mg/kg	Y	Y	0.003321215
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.24	mg/kg	Y	Y	0.006131473
BIST005	UB051F0518	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.2	mg/kg	Y	Y	0.005109561
BIST005	UB051F0520	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.17	mg/kg	Y	Y	0.004343127
BIST005	UB051F0523	Gulf killifish	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.01	mg/kg	N	Y	0.000255478
BIST005	UB051F0525	Sailfin molly	Whole Body	Lead	1	13	13	0	39.14230769	mg/kg	0.23	mg/kg	Y	Y	0.005875995
BIST006	MB011F0605	Gulf killifish	Whole Body	Lead	1	15	15	0	23.30333333	mg/kg	0.07	mg/kg	Y	Y	0.003003862
BIST006	MB011F0607	Gulf killifish	Whole Body	Lead	1	15	15	0	23.30333333	mg/kg	0.08	mg/kg	N	Y	0.003432985
BIST006	MB011F0615	Gulf killifish	Whole Body	Lead	1	15	15	0	23.30333333	mg/kg	0.085	mg/kg	N	Y	0.003647547
BIST006	MB011F0616	Gulf killifish	Whole Body	Lead	1	15	15	0	23.30333333	mg/kg	0.055	mg/kg	N	Y	0.002360177
BIST006	MB011F0624	Gulf killifish	Whole Body	Lead	1	15	15	0	23.30333333	mg/kg	0.03	mg/kg	Y	Y	0.001287369
BIST007	MB011F0702	Gulf killifish	Whole Body	Lead	1	12	12	0	37.62916667	mg/kg	0.05	mg/kg	Y	Y	0.001328757
BIST007	MB011F0703	Gulf killifish	Whole Body	Lead	1	12	12	0	37.62916667	mg/kg	0.11	mg/kg	Y	Y	0.002923264
BIST007	MB011F0704	Gulf killifish	Whole Body	Lead	1	12	12	0	37.62916667	mg/kg	0.13	mg/kg	Y	Y	0.003454767
BIST007	MB011F0706	Gulf killifish	Whole Body	Lead	1	12	12	0	37.62916667	mg/kg	0.11	mg/kg	Y	Y	0.002923264
BIST007	MB011F0708	Gulf killifish	Whole Body	Lead	1	12	12	0	37.62916667	mg/kg	0.09	mg/kg	Y	Y	0.002391762
BIST008	MB031F0803	Gulf killifish	Whole Body	Lead	1	20	18	2	38.18	mg/kg	0.13	mg/kg	Y	Y	0.003404924
BIST008	MB031F0804	Gulf killifish	Whole Body	Lead	1	20	18	2	38.18	mg/kg	0.14	mg/kg	Y	Y	0.003666841
BIST008	MB031F0805	Gulf killifish	Whole Body	Lead	1	20	18	2	38.18	mg/kg	0.18	mg/kg	Y	Y	0.00471451
BIST008	MB031F0806	Gulf killifish	Whole Body	Lead	1	20	18	2	38.18	mg/kg	0.25	mg/kg	Y	Y	0.006547931
BIST008	MB031F0811	Gulf killifish	Whole Body	Lead	1	20	18	2	38.18	mg/kg	0.06	mg/kg	Y	Y	0.001571503
BIST010	MB031F1001	Gulf killifish	Whole Body	Lead	1	20	18	2	35.47	mg/kg	0.2	mg/kg	Y	Y	0.005638568
BIST010	MB031F1004	Gulf killifish	Whole Body	Lead	1	20	18	2	35.47	mg/kg	0.36	mg/kg	Y	Y	0.010149422
BIST010	MB031F1006	Gulf killifish	Whole Body	Lead	1	20	18	2	35.47	mg/kg	0.14	mg/kg	Y	Y	0.003946997
BIST010	MB031F1009	Gulf killifish	Whole Body	Lead	1	20	18	2	35.47	mg/kg	0.12	mg/kg	Y	Y	0.003383141
BIST010	MB031F1013	Gulf killifish	Whole Body	Lead	1	20	18	2	35.47	mg/kg	0.16	mg/kg	Y	Y	0.004510854
BIST011	LB011F1101	Gulf killifish	Whole Body	Lead	1	30	27	3	97.44	mg/kg	1.1	mg/kg	Y	Y	0.011288998
BIST011	LB011F1103	Gulf killifish	Whole Body	Lead	1	30	27	3	97.44	mg/kg	0.87	mg/kg	Y	Y	0.008928571
BIST011	LB011F1105	Gulf killifish	Whole Body	Lead	1	30	27	3	97.44	mg/kg	0.56	mg/kg	Y	Y	0.005747126
BIST012	LB011F1201	Gulf killifish	Whole Body	Lead	1	35	32	3	86.84571429	mg/kg	0.69	mg/kg	Y	Y	0.007945124
BIST012	LB011F1202	Gulf killifish	Whole Body	Lead	1	35	32	3	86.84571429	mg/kg	0.8	mg/kg	Y	Y	0.009211738
BIST012	LB011F1204	Gulf killifish	Whole Body	Lead	1	35	32	3	86.84571429	mg/kg	0.73	mg/kg	Y	Y	0.008405711
BIST013	LB011F1301	Gulf killifish	Whole Body	Lead	1	37	34	3	87.70810811	mg/kg	0.61	mg/kg	Y	Y	0.006954887

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								Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST013	LB011F1302	Gulf killifish	Whole Body	Lead	1	37	34	3	87.70810811	mg/kg	0.68	mg/kg	Y	Y	0.007752989
BIST013	LB011F1305	Gulf killifish	Whole Body	Lead	1	37	34	3	87.70810811	mg/kg	0.53	mg/kg	Y	Y	0.006042771
BIST015	LB031F1502	Gulf killifish	Whole Body	Lead	1	40	40	0	113.44875	mg/kg	0.39	mg/kg	Y	Y	0.003437676
BIST015	LB031F1504	Gulf killifish	Whole Body	Lead	1	40	40	0	113.44875	mg/kg	0.31	mg/kg	Y	Y	0.002732511
BIST015	LB031F1506	Gulf killifish	Whole Body	Lead	1	40	40	0	113.44875	mg/kg	0.34	mg/kg	Y	Y	0.002996948
BIST016	LB031F1601	Gulf killifish	Whole Body	Lead	1	51	50	1	94.51764706	mg/kg	0.065	mg/kg	N	Y	0.000687702
BIST016	LB031F1602	Gulf killifish	Whole Body	Lead	1	51	50	1	94.51764706	mg/kg	0.085	mg/kg	N	Y	0.000899303
BIST016	LB031F1610	Gulf killifish	Whole Body	Lead	1	51	50	1	94.51764706	mg/kg	0.075	mg/kg	N	Y	0.000793503
BIST017	LB031F1702	Gulf killifish	Whole Body	Lead	1	18	18	0	162.9111111	mg/kg	0.03	mg/kg	N	Y	0.00018415
BIST017	LB031F1703	Gulf killifish	Whole Body	Lead	1	18	18	0	162.9111111	mg/kg	0.06	mg/kg	N	Y	0.000368299
BIST017	LB031F1704	Gulf killifish	Whole Body	Lead	1	18	18	0	162.9111111	mg/kg	0.03	mg/kg	N	Y	0.00018415
BIST019	LB061F1901	Gulf killifish	Whole Body	Lead	1	39	37	2	68.21538462	mg/kg	0.28	mg/kg	Y	Y	0.004104646
BIST019	LB061F1902	Gulf killifish	Whole Body	Lead	1	39	37	2	68.21538462	mg/kg	0.075	mg/kg	N	Y	0.001099459
BIST019	LB061F1903	Gulf killifish	Whole Body	Lead	1	39	37	2	68.21538462	mg/kg	0.105	mg/kg	N	Y	0.001539242
BIST024	LB131F2402	Gulf killifish	Whole Body	Lead	1	49	47	2	64.58163265	mg/kg	0.33	mg/kg	Y	Y	0.005109812
BIST024	LB131F2406	Gulf killifish	Whole Body	Lead	1	49	47	2	64.58163265	mg/kg	4.3	mg/kg	Y	Y	0.066582398
BIST024	LB131F2408	Gulf killifish	Whole Body	Lead	1	49	47	2	64.58163265	mg/kg	0.28	mg/kg	Y	Y	0.004335598
BIST025	LB131F2501	Gulf killifish	Whole Body	Lead	1	49	48	1	75.27959184	mg/kg	0.51	mg/kg	Y	Y	0.006774744
BIST025	LB131F2502	Gulf killifish	Whole Body	Lead	1	49	48	1	75.27959184	mg/kg	0.52	mg/kg	Y	Y	0.006907583
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Lead	1	49	48	1	75.27959184	mg/kg	0.61	mg/kg	Y	Y	0.008103126
BIST026	LB131F2601	Gulf killifish	Whole Body	Lead	1	48	47	1	92.203125	mg/kg	0.41	mg/kg	Y	Y	0.004446704
BIST026	LB131F2604	Gulf killifish	Whole Body	Lead	1	48	47	1	92.203125	mg/kg	0.3	mg/kg	Y	Y	0.003253686
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Lead	1	32	30	2	92.2828125	mg/kg	1.1	mg/kg	Y	Y	0.011919879
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Lead	1	32	30	2	92.2828125	mg/kg	0.82	mg/kg	Y	Y	0.008885728
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Lead	1	32	30	2	92.2828125	mg/kg	1.2	mg/kg	Y	Y	0.013003505
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Lead	1	30	29	1	99.62666667	mg/kg	0.51	mg/kg	Y	Y	0.005119111
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Lead	1	30	29	1	99.62666667	mg/kg	0.59	mg/kg	Y	Y	0.005922109
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Lead	1	30	29	1	99.62666667	mg/kg	0.59	mg/kg	Y	Y	0.005922109
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Lead	1	31	29	2	103.7145161	mg/kg	0.97	mg/kg	Y	Y	0.009352596
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Lead	1	31	29	2	103.7145161	mg/kg	0.78	mg/kg	Y	Y	0.007520644
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Lead	1	31	29	2	103.7145161	mg/kg	1.1	mg/kg	Y	Y	0.010606037
BIST004	UB041F0401	Gulf killifish	Whole Body	Mercury	1	14	12	2	0.199192857	mg/kg	0.045	mg/kg	Y	Y	0.225911715
BIST004	UB041F0402	Gulf killifish	Whole Body	Mercury	1	14	12	2	0.199192857	mg/kg	0.051	mg/kg	Y	Y	0.256033277
BIST004	UB041F0404	Gulf killifish	Whole Body	Mercury	1	14	12	2	0.199192857	mg/kg	0.031	mg/kg	Y	Y	0.15562807
BIST005	UB051F0501	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.114	mg/kg	Y	Y	0.514619071
BIST005	UB051F0502	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.071	mg/kg	Y	Y	0.320508369
BIST005	UB051F0503	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.064	mg/kg	Y	Y	0.288908952
BIST005	UB051F0504	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.05	mg/kg	Y	Y	0.225710119
BIST005	UB051F0505	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.062	mg/kg	Y	Y	0.279880547
BIST005	UB051F0508	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.057	mg/kg	Y	Y	0.257309535
BIST005	UB051F0509	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.049	mg/kg	Y	Y	0.221195916
BIST005	UB051F0510	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.06	mg/kg	Y	Y	0.270852143
BIST005	UB051F0511	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.06	mg/kg	Y	Y	0.270852143
BIST005	UB051F0512	Sailfin molly	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.021	mg/kg	Y	Y	0.09479825
BIST005	UB051F0515	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.068	mg/kg	Y	Y	0.306965762
BIST005	UB051F0516	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.046	mg/kg	Y	Y	0.207653309
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.013	mg/kg	Y	Y	0.058684631
BIST005	UB051F0518	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.055	mg/kg	Y	Y	0.248281131
BIST005	UB051F0520	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.141	mg/kg	Y	Y	0.636502535
BIST005	UB051F0523	Gulf killifish	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.054	mg/kg	Y	Y	0.243766928
BIST005	UB051F0525	Sailfin molly	Whole Body	Mercury	1	13	11	2	0.221523077	mg/kg	0.021	mg/kg	Y	Y	0.09479825
BIST006	MB011F0605	Gulf killifish	Whole Body	Mercury	1	15	12	3	0.245453333	mg/kg	0.083	mg/kg	Y	Y	0.338149818
BIST006	MB011F0607	Gulf killifish	Whole Body	Mercury	1	15	12	3	0.245453333	mg/kg	0.044	mg/kg	Y	Y	0.179260144
BIST006	MB011F0615	Gulf killifish	Whole Body	Mercury	1	15	12	3	0.245453333	mg/kg	0.06	mg/kg	Y	Y	0.244445652

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB011F0616	Gulf killifish	Whole Body	Mercury	1	15	12	3	0.245453333	mg/kg	0.057	mg/kg	Y	Y	0.232223369
BIST006	MB011F0624	Gulf killifish	Whole Body	Mercury	1	15	12	3	0.245453333	mg/kg	0.054	mg/kg	Y	Y	0.220001086
BIST007	MB011F0702	Gulf killifish	Whole Body	Mercury	1	12	10	2	0.204733333	mg/kg	0.084	mg/kg	Y	Y	0.410289808
BIST007	MB011F0703	Gulf killifish	Whole Body	Mercury	1	12	10	2	0.204733333	mg/kg	0.116	mg/kg	Y	Y	0.566590687
BIST007	MB011F0704	Gulf killifish	Whole Body	Mercury	1	12	10	2	0.204733333	mg/kg	0.101	mg/kg	Y	Y	0.49332465
BIST007	MB011F0706	Gulf killifish	Whole Body	Mercury	1	12	10	2	0.204733333	mg/kg	0.099	mg/kg	Y	Y	0.483555845
BIST007	MB011F0708	Gulf killifish	Whole Body	Mercury	1	12	10	2	0.204733333	mg/kg	0.073	mg/kg	Y	Y	0.356561381
BIST008	MB031F0803	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6788	mg/kg	0.098	mg/kg	Y	Y	0.144372422
BIST008	MB031F0804	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6788	mg/kg	0.134	mg/kg	Y	Y	0.197407189
BIST008	MB031F0805	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6788	mg/kg	0.117	mg/kg	Y	Y	0.172362994
BIST008	MB031F0806	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6788	mg/kg	0.109	mg/kg	Y	Y	0.16057749
BIST008	MB031F0811	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6788	mg/kg	0.081	mg/kg	Y	Y	0.119328226
BIST010	MB031F1001	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6278	mg/kg	0.104	mg/kg	Y	Y	0.165657853
BIST010	MB031F1004	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6278	mg/kg	0.112	mg/kg	Y	Y	0.178400765
BIST010	MB031F1006	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6278	mg/kg	0.109	mg/kg	Y	Y	0.173622173
BIST010	MB031F1009	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6278	mg/kg	0.089	mg/kg	Y	Y	0.141764893
BIST010	MB031F1013	Gulf killifish	Whole Body	Mercury	1	20	19	1	0.6278	mg/kg	0.081	mg/kg	Y	Y	0.129021982
BIST011	LB011F1101	Gulf killifish	Whole Body	Mercury	1	30	29	1	6.303533333	mg/kg	0.34	mg/kg	Y	Y	0.053938003
BIST011	LB011F1103	Gulf killifish	Whole Body	Mercury	1	30	29	1	6.303533333	mg/kg	0.35	mg/kg	Y	Y	0.055524415
BIST011	LB011F1105	Gulf killifish	Whole Body	Mercury	1	30	29	1	6.303533333	mg/kg	0.27	mg/kg	Y	Y	0.04283312
BIST012	LB011F1201	Gulf killifish	Whole Body	Mercury	1	35	34	1	5.113771429	mg/kg	0.29	mg/kg	Y	Y	0.056709613
BIST012	LB011F1202	Gulf killifish	Whole Body	Mercury	1	35	34	1	5.113771429	mg/kg	0.42	mg/kg	Y	Y	0.082131164
BIST012	LB011F1204	Gulf killifish	Whole Body	Mercury	1	35	34	1	5.113771429	mg/kg	0.25	mg/kg	Y	Y	0.048887598
BIST013	LB011F1301	Gulf killifish	Whole Body	Mercury	1	37	36	1	5.126540541	mg/kg	0.32	mg/kg	Y	Y	0.062420261
BIST013	LB011F1302	Gulf killifish	Whole Body	Mercury	1	37	36	1	5.126540541	mg/kg	0.29	mg/kg	Y	Y	0.056568362
BIST013	LB011F1305	Gulf killifish	Whole Body	Mercury	1	37	36	1	5.126540541	mg/kg	0.26	mg/kg	Y	Y	0.050716462
BIST015	LB031F1502	Gulf killifish	Whole Body	Mercury	1	40	39	1	3.288675	mg/kg	0.65	mg/kg	Y	Y	0.197647989
BIST015	LB031F1504	Gulf killifish	Whole Body	Mercury	1	40	39	1	3.288675	mg/kg	0.53	mg/kg	Y	Y	0.161159129
BIST015	LB031F1506	Gulf killifish	Whole Body	Mercury	1	40	39	1	3.288675	mg/kg	0.42	mg/kg	Y	Y	0.127711008
BIST016	LB031F1601	Gulf killifish	Whole Body	Mercury	1	51	48	3	2.82645098	mg/kg	0.53	mg/kg	Y	Y	0.187514308
BIST016	LB031F1602	Gulf killifish	Whole Body	Mercury	1	51	48	3	2.82645098	mg/kg	0.6	mg/kg	Y	Y	0.212280349
BIST016	LB031F1610	Gulf killifish	Whole Body	Mercury	1	51	48	3	2.82645098	mg/kg	0.276	mg/kg	Y	Y	0.09764896
BIST017	LB031F1702	Gulf killifish	Whole Body	Mercury	1	18	18	0	4.482777778	mg/kg	0.5	mg/kg	Y	Y	0.111537985
BIST017	LB031F1703	Gulf killifish	Whole Body	Mercury	1	18	18	0	4.482777778	mg/kg	0.42	mg/kg	Y	Y	0.093691907
BIST017	LB031F1704	Gulf killifish	Whole Body	Mercury	1	18	18	0	4.482777778	mg/kg	0.39	mg/kg	Y	Y	0.086999628
BIST019	LB061F1901	Gulf killifish	Whole Body	Mercury	1	39	37	2	1.960102564	mg/kg	0.45	mg/kg	Y	Y	0.229579823
BIST019	LB061F1902	Gulf killifish	Whole Body	Mercury	1	39	37	2	1.960102564	mg/kg	0.32	mg/kg	Y	Y	0.163256763
BIST019	LB061F1903	Gulf killifish	Whole Body	Mercury	1	39	37	2	1.960102564	mg/kg	0.3	mg/kg	Y	Y	0.153053215
BIST024	LB131F2402	Gulf killifish	Whole Body	Mercury	1	49	45	4	2.066204082	mg/kg	0.3	mg/kg	Y	Y	0.145193789
BIST024	LB131F2406	Gulf killifish	Whole Body	Mercury	1	49	45	4	2.066204082	mg/kg	0.34	mg/kg	Y	Y	0.164552961
BIST024	LB131F2408	Gulf killifish	Whole Body	Mercury	1	49	45	4	2.066204082	mg/kg	0.13	mg/kg	Y	Y	0.062917309
BIST025	LB131F2501	Gulf killifish	Whole Body	Mercury	1	49	47	2	2.420938776	mg/kg	0.36	mg/kg	Y	Y	0.148702645
BIST025	LB131F2502	Gulf killifish	Whole Body	Mercury	1	49	47	2	2.420938776	mg/kg	0.35	mg/kg	Y	Y	0.144572016
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Mercury	1	49	47	2	2.420938776	mg/kg	0.105	mg/kg	Y	Y	0.043371605
BIST026	LB131F2601	Gulf killifish	Whole Body	Mercury	1	48	46	2	4.408354167	mg/kg	0.2	mg/kg	Y	Y	0.045368406
BIST026	LB131F2604	Gulf killifish	Whole Body	Mercury	1	48	46	2	4.408354167	mg/kg	0.201	mg/kg	Y	Y	0.045595248
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Mercury	1	32	31	1	5.5500625	mg/kg	0.31	mg/kg	Y	Y	0.055855227
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Mercury	1	32	31	1	5.5500625	mg/kg	0.223	mg/kg	Y	Y	0.040179728
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Mercury	1	32	31	1	5.5500625	mg/kg	0.27	mg/kg	Y	Y	0.048648101
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Mercury	1	30	29	1	5.710733333	mg/kg	0.31	mg/kg	Y	Y	0.054283746
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Mercury	1	30	29	1	5.710733333	mg/kg	0.33	mg/kg	Y	Y	0.057785924
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Mercury	1	30	29	1	5.710733333	mg/kg	0.4	mg/kg	Y	Y	0.070043544
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Mercury	1	31	30	1	5.825225806	mg/kg	0.38	mg/kg	Y	Y	0.065233523
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Mercury	1	31	30	1	5.825225806	mg/kg	0.28	mg/kg	Y	Y	0.048066806

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Mercury	1	31	30	1	5.825225806	mg/kg	0.44	mg/kg	Y	Y	0.075533553
BIST004	UB041F0401	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	16.42307692	ug/kg	5	ug/kg	N	Y	0.304449649
BIST004	UB041F0402	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	16.42307692	ug/kg	5	ug/kg	N	Y	0.304449649
BIST004	UB041F0404	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	16.42307692	ug/kg	5	ug/kg	N	Y	0.304449649
BIST005	UB051F0501	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0502	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0503	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0504	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0505	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0508	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0509	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0510	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0511	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0512	Sailfin molly	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0515	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0516	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0518	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0520	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0523	Gulf killifish	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST005	UB051F0525	Sailfin molly	Whole Body	Methoxychlor	1	13	0	13	17.34615385	ug/kg	5	ug/kg	N	Y	0.288248337
BIST006	MB011F0605	Gulf killifish	Whole Body	Methoxychlor	1	14	0	14	19.28571429	ug/kg	5	ug/kg	N	Y	0.259259259
BIST006	MB011F0607	Gulf killifish	Whole Body	Methoxychlor	1	14	0	14	19.28571429	ug/kg	5	ug/kg	N	Y	0.259259259
BIST006	MB011F0615	Gulf killifish	Whole Body	Methoxychlor	1	14	0	14	19.28571429	ug/kg	5	ug/kg	N	Y	0.259259259
BIST006	MB011F0616	Gulf killifish	Whole Body	Methoxychlor	1	14	0	14	19.28571429	ug/kg	5	ug/kg	N	Y	0.259259259
BIST006	MB011F0624	Gulf killifish	Whole Body	Methoxychlor	1	14	0	14	19.28571429	ug/kg	5	ug/kg	N	Y	0.259259259
BIST007	MB011F0702	Gulf killifish	Whole Body	Methoxychlor	1	12	0	12	16.08333333	ug/kg	5	ug/kg	N	Y	0.310880829
BIST007	MB011F0703	Gulf killifish	Whole Body	Methoxychlor	1	12	0	12	16.08333333	ug/kg	5	ug/kg	N	Y	0.310880829
BIST007	MB011F0704	Gulf killifish	Whole Body	Methoxychlor	1	12	0	12	16.08333333	ug/kg	5	ug/kg	N	Y	0.310880829
BIST007	MB011F0706	Gulf killifish	Whole Body	Methoxychlor	1	12	0	12	16.08333333	ug/kg	5	ug/kg	N	Y	0.310880829
BIST007	MB011F0708	Gulf killifish	Whole Body	Methoxychlor	1	12	0	12	16.08333333	ug/kg	5	ug/kg	N	Y	0.310880829
BIST008	MB031F0803	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.825	ug/kg	5	ug/kg	N	Y	0.201409869
BIST008	MB031F0804	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.825	ug/kg	5	ug/kg	N	Y	0.201409869
BIST008	MB031F0805	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.825	ug/kg	5	ug/kg	N	Y	0.201409869
BIST008	MB031F0806	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.825	ug/kg	5	ug/kg	N	Y	0.201409869
BIST008	MB031F0811	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.825	ug/kg	5	ug/kg	N	Y	0.201409869
BIST010	MB031F1001	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.7	ug/kg	5	ug/kg	N	Y	0.20242915
BIST010	MB031F1004	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.7	ug/kg	5	ug/kg	N	Y	0.20242915
BIST010	MB031F1006	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.7	ug/kg	5	ug/kg	N	Y	0.20242915
BIST010	MB031F1009	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.7	ug/kg	5	ug/kg	N	Y	0.20242915
BIST010	MB031F1013	Gulf killifish	Whole Body	Methoxychlor	1	20	1	19	24.7	ug/kg	5	ug/kg	N	Y	0.20242915
BIST011	LB011F1101	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	31.44230769	ug/kg	5	ug/kg	N	Y	0.159021407
BIST011	LB011F1103	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	31.44230769	ug/kg	5	ug/kg	N	Y	0.159021407
BIST011	LB011F1105	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	31.44230769	ug/kg	5	ug/kg	N	Y	0.159021407
BIST012	LB011F1201	Gulf killifish	Whole Body	Methoxychlor	1	29	0	29	33.98103448	ug/kg	5	ug/kg	N	Y	0.1471409
BIST012	LB011F1202	Gulf killifish	Whole Body	Methoxychlor	1	29	0	29	33.98103448	ug/kg	5	ug/kg	N	Y	0.1471409
BIST012	LB011F1204	Gulf killifish	Whole Body	Methoxychlor	1	29	0	29	33.98103448	ug/kg	5	ug/kg	N	Y	0.1471409
BIST013	LB011F1301	Gulf killifish	Whole Body	Methoxychlor	1	29	0	29	33.86034483	ug/kg	5	ug/kg	N	Y	0.14766536
BIST013	LB011F1302	Gulf killifish	Whole Body	Methoxychlor	1	29	0	29	33.86034483	ug/kg	5	ug/kg	N	Y	0.14766536
BIST013	LB011F1305	Gulf killifish	Whole Body	Methoxychlor	1	29	0	29	33.86034483	ug/kg	5	ug/kg	N	Y	0.14766536
BIST015	LB031F1502	Gulf killifish	Whole Body	Methoxychlor	1	24	3	21	70.78333333	ug/kg	5	ug/kg	N	Y	0.070638097
BIST015	LB031F1504	Gulf killifish	Whole Body	Methoxychlor	1	24	3	21	70.78333333	ug/kg	5	ug/kg	N	Y	0.070638097
BIST015	LB031F1506	Gulf killifish	Whole Body	Methoxychlor	1	24	3	21	70.78333333	ug/kg	5	ug/kg	N	Y	0.070638097
BIST016	LB031F1601	Gulf killifish	Whole Body	Methoxychlor	1	35	3	32	68.91842857	ug/kg	5	ug/kg	N	Y	0.072549536

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST016	LB031F1602	Gulf killifish	Whole Body	Methoxychlor	1	35	3	32	68.91842857	ug/kg	5	ug/kg	N	Y	0.072549536
BIST016	LB031F1610	Gulf killifish	Whole Body	Methoxychlor	1	35	3	32	68.91842857	ug/kg	5	ug/kg	N	Y	0.072549536
BIST017	LB031F1702	Gulf killifish	Whole Body	Methoxychlor	1	11	3	8	105.3909091	ug/kg	5	ug/kg	N	Y	0.047442422
BIST017	LB031F1703	Gulf killifish	Whole Body	Methoxychlor	1	11	3	8	105.3909091	ug/kg	5	ug/kg	N	Y	0.047442422
BIST017	LB031F1704	Gulf killifish	Whole Body	Methoxychlor	1	11	3	8	105.3909091	ug/kg	5	ug/kg	N	Y	0.047442422
BIST019	LB061F1901	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	47.55173077	ug/kg	5	ug/kg	N	Y	0.105148644
BIST019	LB061F1902	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	47.55173077	ug/kg	5	ug/kg	N	Y	0.105148644
BIST019	LB061F1903	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	47.55173077	ug/kg	5	ug/kg	N	Y	0.105148644
BIST024	LB131F2402	Gulf killifish	Whole Body	Methoxychlor	1	32	0	32	40.26078125	ug/kg	5	ug/kg	N	Y	0.124190337
BIST024	LB131F2406	Gulf killifish	Whole Body	Methoxychlor	1	32	0	32	40.26078125	ug/kg	5	ug/kg	N	Y	0.124190337
BIST024	LB131F2408	Gulf killifish	Whole Body	Methoxychlor	1	32	0	32	40.26078125	ug/kg	5	ug/kg	N	Y	0.124190337
BIST025	LB131F2501	Gulf killifish	Whole Body	Methoxychlor	1	33	2	31	42.29833333	ug/kg	5	ug/kg	N	Y	0.118207967
BIST025	LB131F2502	Gulf killifish	Whole Body	Methoxychlor	1	33	2	31	42.29833333	ug/kg	5	ug/kg	N	Y	0.118207967
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Methoxychlor	1	33	2	31	42.29833333	ug/kg	5	ug/kg	N	Y	0.118207967
BIST026	LB131F2601	Gulf killifish	Whole Body	Methoxychlor	1	34	2	32	33.80426471	ug/kg	5	ug/kg	N	Y	0.147910332
BIST026	LB131F2604	Gulf killifish	Whole Body	Methoxychlor	1	34	2	32	33.80426471	ug/kg	5	ug/kg	N	Y	0.147910332
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	35.19230769	ug/kg	5	ug/kg	N	Y	0.142076503
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	35.19230769	ug/kg	5	ug/kg	N	Y	0.142076503
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Methoxychlor	1	26	0	26	35.19230769	ug/kg	5	ug/kg	N	Y	0.142076503
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Methoxychlor	1	22	2	20	30.65909091	ug/kg	5	ug/kg	N	Y	0.163083766
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Methoxychlor	1	22	2	20	30.65909091	ug/kg	5	ug/kg	N	Y	0.163083766
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Methoxychlor	1	22	2	20	30.65909091	ug/kg	5	ug/kg	N	Y	0.163083766
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Methoxychlor	1	25	2	23	33.6	ug/kg	5	ug/kg	N	Y	0.148809524
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Methoxychlor	1	25	2	23	33.6	ug/kg	5	ug/kg	N	Y	0.148809524
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Methoxychlor	1	25	2	23	33.6	ug/kg	5	ug/kg	N	Y	0.148809524
BIST004	UB041F0401	Gulf killifish	Whole Body	Nickel	1	14	14	0	13.79214286	mg/kg	0.09	mg/kg	Y	Y	0.006525454
BIST004	UB041F0402	Gulf killifish	Whole Body	Nickel	1	14	14	0	13.79214286	mg/kg	0.07	mg/kg	Y	Y	0.005075353
BIST004	UB041F0404	Gulf killifish	Whole Body	Nickel	1	14	14	0	13.79214286	mg/kg	0.08	mg/kg	Y	Y	0.005800404
BIST005	UB051F0501	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.1	mg/kg	Y	Y	0.007273134
BIST005	UB051F0502	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.06	mg/kg	Y	Y	0.00436388
BIST005	UB051F0503	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.06	mg/kg	Y	Y	0.00436388
BIST005	UB051F0504	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.12	mg/kg	Y	Y	0.008727761
BIST005	UB051F0505	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.04	mg/kg	Y	Y	0.002909254
BIST005	UB051F0508	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.12	mg/kg	Y	Y	0.008727761
BIST005	UB051F0509	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.04	mg/kg	Y	Y	0.002909254
BIST005	UB051F0510	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.07	mg/kg	Y	Y	0.005091194
BIST005	UB051F0511	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.63	mg/kg	Y	Y	0.045820745
BIST005	UB051F0512	Sailfin molly	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.11	mg/kg	Y	Y	0.008000448
BIST005	UB051F0515	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.05	mg/kg	Y	Y	0.003636567
BIST005	UB051F0516	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.015	mg/kg	N	Y	0.00109097
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.07	mg/kg	Y	Y	0.005091194
BIST005	UB051F0518	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.14	mg/kg	Y	Y	0.010182388
BIST005	UB051F0520	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.03	mg/kg	Y	Y	0.00218194
BIST005	UB051F0523	Gulf killifish	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.06	mg/kg	Y	Y	0.00436388
BIST005	UB051F0525	Sailfin molly	Whole Body	Nickel	1	13	13	0	13.74923077	mg/kg	0.12	mg/kg	Y	Y	0.008727761
BIST006	MB011F0605	Gulf killifish	Whole Body	Nickel	1	15	15	0	12.90266667	mg/kg	0.07	mg/kg	Y	Y	0.005425235
BIST006	MB011F0607	Gulf killifish	Whole Body	Nickel	1	15	15	0	12.90266667	mg/kg	0.05	mg/kg	Y	Y	0.003875168
BIST006	MB011F0615	Gulf killifish	Whole Body	Nickel	1	15	15	0	12.90266667	mg/kg	0.09	mg/kg	Y	Y	0.006975302
BIST006	MB011F0616	Gulf killifish	Whole Body	Nickel	1	15	15	0	12.90266667	mg/kg	0.065	mg/kg	N	Y	0.005037718
BIST006	MB011F0624	Gulf killifish	Whole Body	Nickel	1	15	15	0	12.90266667	mg/kg	0.08	mg/kg	Y	Y	0.006200269
BIST007	MB011F0702	Gulf killifish	Whole Body	Nickel	1	12	12	0	12.05333333	mg/kg	0.08	mg/kg	Y	Y	0.006637168
BIST007	MB011F0703	Gulf killifish	Whole Body	Nickel	1	12	12	0	12.05333333	mg/kg	0.1	mg/kg	Y	Y	0.00829646
BIST007	MB011F0704	Gulf killifish	Whole Body	Nickel	1	12	12	0	12.05333333	mg/kg	0.11	mg/kg	Y	Y	0.009126106
BIST007	MB011F0706	Gulf killifish	Whole Body	Nickel	1	12	12	0	12.05333333	mg/kg	0.07	mg/kg	Y	Y	0.005807522

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST007	MB011F0708	Gulf killifish	Whole Body	Nickel	1	12	12	0	12.05333333	mg/kg	0.1	mg/kg	Y	Y	0.00829646
BIST008	MB031F0803	Gulf killifish	Whole Body	Nickel	1	20	20	0	17.96	mg/kg	0.12	mg/kg	Y	Y	0.006681514
BIST008	MB031F0804	Gulf killifish	Whole Body	Nickel	1	20	20	0	17.96	mg/kg	0.16	mg/kg	Y	Y	0.008908686
BIST008	MB031F0805	Gulf killifish	Whole Body	Nickel	1	20	20	0	17.96	mg/kg	0.06	mg/kg	Y	Y	0.003340757
BIST008	MB031F0806	Gulf killifish	Whole Body	Nickel	1	20	20	0	17.96	mg/kg	0.065	mg/kg	N	Y	0.003619154
BIST008	MB031F0811	Gulf killifish	Whole Body	Nickel	1	20	20	0	17.96	mg/kg	0.13	mg/kg	Y	Y	0.007238307
BIST010	MB031F1001	Gulf killifish	Whole Body	Nickel	1	20	20	0	18.08	mg/kg	0.21	mg/kg	Y	Y	0.011615044
BIST010	MB031F1004	Gulf killifish	Whole Body	Nickel	1	20	20	0	18.08	mg/kg	0.53	mg/kg	Y	Y	0.029314159
BIST010	MB031F1006	Gulf killifish	Whole Body	Nickel	1	20	20	0	18.08	mg/kg	0.16	mg/kg	Y	Y	0.008849558
BIST010	MB031F1009	Gulf killifish	Whole Body	Nickel	1	20	20	0	18.08	mg/kg	0.1	mg/kg	Y	Y	0.005530973
BIST010	MB031F1013	Gulf killifish	Whole Body	Nickel	1	20	20	0	18.08	mg/kg	0.08	mg/kg	Y	Y	0.004424779
BIST011	LB011F1101	Gulf killifish	Whole Body	Nickel	1	30	29	1	31.641	mg/kg	0.04	mg/kg	Y	Y	0.001264183
BIST011	LB011F1103	Gulf killifish	Whole Body	Nickel	1	30	29	1	31.641	mg/kg	0.04	mg/kg	Y	Y	0.001264183
BIST011	LB011F1105	Gulf killifish	Whole Body	Nickel	1	30	29	1	31.641	mg/kg	0.08	mg/kg	Y	Y	0.002528365
BIST012	LB011F1201	Gulf killifish	Whole Body	Nickel	1	35	34	1	29.752	mg/kg	0.07	mg/kg	Y	Y	0.002352783
BIST012	LB011F1202	Gulf killifish	Whole Body	Nickel	1	35	34	1	29.752	mg/kg	0.08	mg/kg	Y	Y	0.002688895
BIST012	LB011F1204	Gulf killifish	Whole Body	Nickel	1	35	34	1	29.752	mg/kg	0.07	mg/kg	Y	Y	0.002352783
BIST013	LB011F1301	Gulf killifish	Whole Body	Nickel	1	37	36	1	29.55189189	mg/kg	0.06	mg/kg	Y	Y	0.002030327
BIST013	LB011F1302	Gulf killifish	Whole Body	Nickel	1	37	36	1	29.55189189	mg/kg	0.06	mg/kg	Y	Y	0.002030327
BIST013	LB011F1305	Gulf killifish	Whole Body	Nickel	1	37	36	1	29.55189189	mg/kg	0.05	mg/kg	Y	Y	0.001691939
BIST015	LB031F1502	Gulf killifish	Whole Body	Nickel	1	40	40	0	32.12925	mg/kg	0.05	mg/kg	Y	Y	0.001556214
BIST015	LB031F1504	Gulf killifish	Whole Body	Nickel	1	40	40	0	32.12925	mg/kg	0.03	mg/kg	Y	Y	0.000933729
BIST015	LB031F1506	Gulf killifish	Whole Body	Nickel	1	40	40	0	32.12925	mg/kg	0.06	mg/kg	Y	Y	0.001867457
BIST016	LB031F1601	Gulf killifish	Whole Body	Nickel	1	51	51	0	29.09411765	mg/kg	0.08	mg/kg	Y	Y	0.002749697
BIST016	LB031F1602	Gulf killifish	Whole Body	Nickel	1	51	51	0	29.09411765	mg/kg	0.08	mg/kg	Y	Y	0.002749697
BIST016	LB031F1610	Gulf killifish	Whole Body	Nickel	1	51	51	0	29.09411765	mg/kg	0.09	mg/kg	Y	Y	0.003093409
BIST017	LB031F1702	Gulf killifish	Whole Body	Nickel	1	18	18	0	41.48333333	mg/kg	0.2	mg/kg	Y	Y	0.004821213
BIST017	LB031F1703	Gulf killifish	Whole Body	Nickel	1	18	18	0	41.48333333	mg/kg	0.07	mg/kg	Y	Y	0.001687425
BIST017	LB031F1704	Gulf killifish	Whole Body	Nickel	1	18	18	0	41.48333333	mg/kg	0.08	mg/kg	Y	Y	0.001928485
BIST019	LB061F1901	Gulf killifish	Whole Body	Nickel	1	39	39	0	22.70512821	mg/kg	0.04	mg/kg	Y	Y	0.001761717
BIST019	LB061F1902	Gulf killifish	Whole Body	Nickel	1	39	39	0	22.70512821	mg/kg	0.07	mg/kg	Y	Y	0.003083004
BIST019	LB061F1903	Gulf killifish	Whole Body	Nickel	1	39	39	0	22.70512821	mg/kg	0.07	mg/kg	Y	Y	0.003083004
BIST024	LB131F2402	Gulf killifish	Whole Body	Nickel	1	49	49	0	22.6755102	mg/kg	0.05	mg/kg	Y	Y	0.002205022
BIST024	LB131F2406	Gulf killifish	Whole Body	Nickel	1	49	49	0	22.6755102	mg/kg	0.05	mg/kg	Y	Y	0.002205022
BIST024	LB131F2408	Gulf killifish	Whole Body	Nickel	1	49	49	0	22.6755102	mg/kg	0.08	mg/kg	Y	Y	0.003528035
BIST025	LB131F2501	Gulf killifish	Whole Body	Nickel	1	49	49	0	26.56122449	mg/kg	0.06	mg/kg	Y	Y	0.002258932
BIST025	LB131F2502	Gulf killifish	Whole Body	Nickel	1	49	49	0	26.56122449	mg/kg	0.05	mg/kg	Y	Y	0.001882443
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Nickel	1	49	49	0	26.56122449	mg/kg	0.15	mg/kg	Y	Y	0.00564733
BIST026	LB131F2601	Gulf killifish	Whole Body	Nickel	1	48	48	0	28.00770833	mg/kg	0.09	mg/kg	Y	Y	0.003213401
BIST026	LB131F2604	Gulf killifish	Whole Body	Nickel	1	48	48	0	28.00770833	mg/kg	0.04	mg/kg	Y	Y	0.001428178
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Nickel	1	32	31	1	31.3725	mg/kg	0.09	mg/kg	Y	Y	0.002868754
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Nickel	1	32	31	1	31.3725	mg/kg	0.08	mg/kg	Y	Y	0.002550004
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Nickel	1	32	31	1	31.3725	mg/kg	0.08	mg/kg	Y	Y	0.002550004
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Nickel	1	30	30	0	29.389	mg/kg	0.1	mg/kg	Y	Y	0.003402634
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Nickel	1	30	30	0	29.389	mg/kg	0.08	mg/kg	Y	Y	0.002722107
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Nickel	1	30	30	0	29.389	mg/kg	0.08	mg/kg	Y	Y	0.002722107
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Nickel	1	31	30	1	32.38129032	mg/kg	0.21	mg/kg	Y	Y	0.006485226
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Nickel	1	31	30	1	32.38129032	mg/kg	0.13	mg/kg	Y	Y	0.004014664
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Nickel	1	31	30	1	32.38129032	mg/kg	0.14	mg/kg	Y	Y	0.004323484
BIST004	UB041F0401	Gulf killifish	Whole Body	OCDD	1	4	4	0	4452.5	ng/kg	1.58	ng/kg	N	Y	0.000354857
BIST004	UB041F0402	Gulf killifish	Whole Body	OCDD	1	4	4	0	4452.5	ng/kg	1.99	ng/kg	N	Y	0.00044694
BIST004	UB041F0404	Gulf killifish	Whole Body	OCDD	1	4	4	0	4452.5	ng/kg	1.475	ng/kg	N	Y	0.000331275
BIST005	UB051F0508	Gulf killifish	Whole Body	OCDD	1	3	3	0	4066.666667	ng/kg	2.635	ng/kg	N	Y	0.000647951
BIST005	UB051F0510	Gulf killifish	Whole Body	OCDD	1	3	3	0	4066.666667	ng/kg	7.72	ng/kg	Y	Y	0.001898361

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0518	Gulf killifish	Whole Body	OCDD	1	3	3	0	4066.666667	ng/kg	7.76	ng/kg	Y	Y	0.001908197
BIST011	LB011F1101	Gulf killifish	Whole Body	OCDD	1	12	12	0	6284.666667	ng/kg	1.405	ng/kg	N	Y	0.00022356
BIST011	LB011F1103	Gulf killifish	Whole Body	OCDD	1	12	12	0	6284.666667	ng/kg	1.785	ng/kg	N	Y	0.000284025
BIST011	LB011F1105	Gulf killifish	Whole Body	OCDD	1	12	12	0	6284.666667	ng/kg	1.71	ng/kg	N	Y	0.000272091
BIST019	LB061F1901	Gulf killifish	Whole Body	OCDD	1	17	17	0	4025.882353	ng/kg	1.13	ng/kg	N	Y	0.000280684
BIST019	LB061F1902	Gulf killifish	Whole Body	OCDD	1	17	17	0	4025.882353	ng/kg	1.51	ng/kg	N	Y	0.000375073
BIST019	LB061F1903	Gulf killifish	Whole Body	OCDD	1	17	17	0	4025.882353	ng/kg	1.875	ng/kg	N	Y	0.000465736
BIST027	PPGC1F2705	Gulf killifish	Whole Body	OCDD	1	16	16	0	5358.5	ng/kg	8.74	ng/kg	Y	Y	0.001631053
BIST027	PPGC1F2706	Gulf killifish	Whole Body	OCDD	1	16	16	0	5358.5	ng/kg	9.46	ng/kg	Y	Y	0.001765419
BIST027	PPGC1F2712	Gulf killifish	Whole Body	OCDD	1	16	16	0	5358.5	ng/kg	5.04	ng/kg	Y	Y	0.000940562
BIST029	PPGC1F2903	Gulf killifish	Whole Body	OCDD	1	15	15	0	6456.666667	ng/kg	8.54	ng/kg	Y	Y	0.001322664
BIST029	PPGC1F2904	Gulf killifish	Whole Body	OCDD	1	15	15	0	6456.666667	ng/kg	13.5	ng/kg	Y	Y	0.002090862
BIST029	PPGC1F2905	Gulf killifish	Whole Body	OCDD	1	15	15	0	6456.666667	ng/kg	23.6	ng/kg	Y	Y	0.003655137
BIST004	UB041F0401	Gulf killifish	Whole Body	OCDF	1	4	3	1	380.25	ng/kg	0.184	ng/kg	N	Y	0.000483892
BIST004	UB041F0402	Gulf killifish	Whole Body	OCDF	1	4	3	1	380.25	ng/kg	0.289	ng/kg	N	Y	0.000760026
BIST004	UB041F0404	Gulf killifish	Whole Body	OCDF	1	4	3	1	380.25	ng/kg	0.18	ng/kg	N	Y	0.000473373
BIST005	UB051F0508	Gulf killifish	Whole Body	OCDF	1	3	3	0	497	ng/kg	0.2355	ng/kg	N	Y	0.000473843
BIST005	UB051F0510	Gulf killifish	Whole Body	OCDF	1	3	3	0	497	ng/kg	0.311	ng/kg	N	Y	0.000625755
BIST005	UB051F0518	Gulf killifish	Whole Body	OCDF	1	3	3	0	497	ng/kg	0.393	ng/kg	N	Y	0.000790744
BIST011	LB011F1101	Gulf killifish	Whole Body	OCDF	1	12	12	0	51129.3	ng/kg	1.63	ng/kg	Y	Y	3.188E-05
BIST011	LB011F1103	Gulf killifish	Whole Body	OCDF	1	12	12	0	51129.3	ng/kg	51.4	ng/kg	Y	Y	0.001005294
BIST011	LB011F1105	Gulf killifish	Whole Body	OCDF	1	12	12	0	51129.3	ng/kg	2.77	ng/kg	Y	Y	5.41764E-05
BIST019	LB061F1901	Gulf killifish	Whole Body	OCDF	1	17	17	0	24323.72353	ng/kg	0.605	ng/kg	N	Y	2.48728E-05
BIST019	LB061F1902	Gulf killifish	Whole Body	OCDF	1	17	17	0	24323.72353	ng/kg	2.09	ng/kg	Y	Y	8.59243E-05
BIST019	LB061F1903	Gulf killifish	Whole Body	OCDF	1	17	17	0	24323.72353	ng/kg	2.56	ng/kg	Y	Y	0.000105247
BIST027	PPGC1F2705	Gulf killifish	Whole Body	OCDF	1	16	16	0	38757.4125	ng/kg	16.7	ng/kg	Y	Y	0.000430885
BIST027	PPGC1F2706	Gulf killifish	Whole Body	OCDF	1	16	16	0	38757.4125	ng/kg	15	ng/kg	Y	Y	0.000387023
BIST027	PPGC1F2712	Gulf killifish	Whole Body	OCDF	1	16	16	0	38757.4125	ng/kg	3.97	ng/kg	Y	Y	0.000102432
BIST029	PPGC1F2903	Gulf killifish	Whole Body	OCDF	1	15	15	0	43521.13333	ng/kg	9.98	ng/kg	Y	Y	0.000229314
BIST029	PPGC1F2904	Gulf killifish	Whole Body	OCDF	1	15	15	0	43521.13333	ng/kg	33	ng/kg	Y	Y	0.000758252
BIST029	PPGC1F2905	Gulf killifish	Whole Body	OCDF	1	15	15	0	43521.13333	ng/kg	20.2	ng/kg	Y	Y	0.000464142
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-105	1	8	8	0	270140	ng/kg	5210	ng/kg	Y	Y	0.019286296
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-105	1	8	8	0	270140	ng/kg	4880	ng/kg	Y	Y	0.018064707
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-105	1	8	8	0	270140	ng/kg	3780	ng/kg	Y	Y	0.013992745
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-105	1	8	8	0	269942.5	ng/kg	8530	ng/kg	Y	Y	0.031599322
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-105	1	8	8	0	269942.5	ng/kg	6490	ng/kg	Y	Y	0.024042157
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-105	1	8	8	0	269942.5	ng/kg	8360	ng/kg	Y	Y	0.030969558
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-105	1	9	9	0	9449.033333	ng/kg	2280	ng/kg	Y	Y	0.241294524
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-105	1	9	9	0	9449.033333	ng/kg	2280	ng/kg	Y	Y	0.241294524
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-105	1	9	9	0	9449.033333	ng/kg	1680	ng/kg	Y	Y	0.177795965
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-105	1	14	14	0	5261.758571	ng/kg	3470	ng/kg	Y	Y	0.659475336
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-105	1	14	14	0	5261.758571	ng/kg	4160	ng/kg	Y	Y	0.790610201
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-105	1	14	14	0	5261.758571	ng/kg	4250	ng/kg	Y	Y	0.807714748
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-105	1	13	13	0	8548.638462	ng/kg	2990	ng/kg	Y	Y	0.3497633
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-105	1	13	13	0	8548.638462	ng/kg	2460	ng/kg	Y	Y	0.287765123
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-105	1	13	13	0	8548.638462	ng/kg	2450	ng/kg	Y	Y	0.286595346
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-105	1	11	11	0	10000.09091	ng/kg	2930	ng/kg	Y	Y	0.292997336
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-105	1	11	11	0	10000.09091	ng/kg	2420	ng/kg	Y	Y	0.2419978
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-105	1	11	11	0	10000.09091	ng/kg	2940	ng/kg	Y	Y	0.293997327
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-114	1	8	8	0	16629.5	ng/kg	207	ng/kg	Y	Y	0.012447759
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-114	1	8	8	0	16629.5	ng/kg	191	ng/kg	Y	Y	0.011485613
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-114	1	8	8	0	16629.5	ng/kg	142	ng/kg	Y	Y	0.008539042
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-114	1	8	8	0	16621.1	ng/kg	324	ng/kg	Y	Y	0.019493295
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-114	1	8	8	0	16621.1	ng/kg	246	ng/kg	Y	Y	0.014800464

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-114	1	8	8	0	16621.1	ng/kg	331	ng/kg	Y	Y	0.019914446
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-114	1	9	9	0	2809.934444	ng/kg	193	ng/kg	Y	Y	0.068684876
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-114	1	9	9	0	2809.934444	ng/kg	181	ng/kg	Y	Y	0.064414314
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-114	1	9	9	0	2809.934444	ng/kg	132	ng/kg	Y	Y	0.046976185
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-114	1	14	13	1	1337.488357	ng/kg	275	ng/kg	Y	Y	0.205609266
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-114	1	14	13	1	1337.488357	ng/kg	335	ng/kg	Y	Y	0.25046947
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-114	1	14	13	1	1337.488357	ng/kg	360	ng/kg	Y	Y	0.269161222
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-114	1	13	13	0	2526.262308	ng/kg	286	ng/kg	Y	Y	0.11321073
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-114	1	13	13	0	2526.262308	ng/kg	260	ng/kg	Y	Y	0.102918845
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-114	1	13	13	0	2526.262308	ng/kg	224	ng/kg	Y	Y	0.088668544
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-114	1	11	11	0	2965.181818	ng/kg	331	ng/kg	Y	Y	0.111628905
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-114	1	11	11	0	2965.181818	ng/kg	275	ng/kg	Y	Y	0.092743048
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-114	1	11	11	0	2965.181818	ng/kg	322	ng/kg	Y	Y	0.108593678
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-118	1	1	1	0	9440	ng/kg	21200	ng/kg	Y	Y	2.245762712
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-118	1	1	1	0	9440	ng/kg	19800	ng/kg	Y	Y	2.097457627
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-118	1	1	1	0	9440	ng/kg	16300	ng/kg	Y	Y	1.726694915
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-118	1	1	1	0	4650	ng/kg	34900	ng/kg	Y	Y	7.505376344
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-118	1	1	1	0	4650	ng/kg	26400	ng/kg	Y	Y	5.677419355
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-118	1	1	1	0	4650	ng/kg	35400	ng/kg	Y	Y	7.612903226
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-118	1	3	3	0	53570	ng/kg	10700	ng/kg	Y	Y	0.19973866
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-118	1	3	3	0	53570	ng/kg	9660	ng/kg	Y	Y	0.180324809
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-118	1	3	3	0	53570	ng/kg	6960	ng/kg	Y	Y	0.129923465
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-118	1	4	4	0	22000	ng/kg	13900	ng/kg	Y	Y	0.631818182
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-118	1	4	4	0	22000	ng/kg	16800	ng/kg	Y	Y	0.763636364
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-118	1	4	4	0	22000	ng/kg	18000	ng/kg	Y	Y	0.818181818
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-118	1	5	5	0	37262	ng/kg	12700	ng/kg	Y	Y	0.3408298
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-118	1	5	5	0	37262	ng/kg	10700	ng/kg	Y	Y	0.287155816
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-118	1	5	5	0	37262	ng/kg	11200	ng/kg	Y	Y	0.300574312
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-118	1	4	4	0	45600	ng/kg	13600	ng/kg	Y	Y	0.298245614
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-118	1	4	4	0	45600	ng/kg	10500	ng/kg	Y	Y	0.230263158
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-118	1	4	4	0	45600	ng/kg	13200	ng/kg	Y	Y	0.289473684
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-126	1	8	8	0	5414.2375	ng/kg	186	ng/kg	Y	Y	0.034353868
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-126	1	8	8	0	5414.2375	ng/kg	152	ng/kg	Y	Y	0.028074129
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-126	1	8	8	0	5414.2375	ng/kg	103	ng/kg	Y	Y	0.019023916
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-126	1	8	8	0	5411.175	ng/kg	192	ng/kg	Y	Y	0.035482127
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-126	1	8	8	0	5411.175	ng/kg	198	ng/kg	Y	Y	0.036590944
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-126	1	8	8	0	5411.175	ng/kg	206	ng/kg	Y	Y	0.038069366
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-126	1	9	8	1	2200.441667	ng/kg	72.3	ng/kg	Y	Y	0.03285704
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-126	1	9	8	1	2200.441667	ng/kg	68.5	ng/kg	Y	Y	0.031130114
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-126	1	9	8	1	2200.441667	ng/kg	43.8	ng/kg	Y	Y	0.019905095
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-126	1	14	12	2	256.6285714	ng/kg	88.1	ng/kg	Y	Y	0.343297707
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-126	1	14	12	2	256.6285714	ng/kg	111	ng/kg	Y	Y	0.43253173
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-126	1	14	12	2	256.6285714	ng/kg	115	ng/kg	Y	Y	0.448118459
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-126	1	13	12	1	1601.844231	ng/kg	98.4	ng/kg	Y	Y	0.061429194
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-126	1	13	12	1	1601.844231	ng/kg	79.1	ng/kg	Y	Y	0.049380582
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-126	1	13	12	1	1601.844231	ng/kg	72.3	ng/kg	Y	Y	0.045135475
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-126	1	11	11	0	1886.7	ng/kg	87.9	ng/kg	Y	Y	0.046589283
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-126	1	11	11	0	1886.7	ng/kg	78.4	ng/kg	Y	Y	0.041554036
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-126	1	11	11	0	1886.7	ng/kg	80.6	ng/kg	Y	Y	0.042720093
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-156	1	8	8	0	84573.75	ng/kg	2540	ng/kg	Y	Y	0.030032959
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-156	1	8	8	0	84573.75	ng/kg	2500	ng/kg	Y	Y	0.029559999
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-156	1	8	8	0	84573.75	ng/kg	2140	ng/kg	Y	Y	0.025303359
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-156	1	8	8	0	84502.75	ng/kg	4280	ng/kg	Y	Y	0.050649239
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-156	1	8	8	0	84502.75	ng/kg	3150	ng/kg	Y	Y	0.037276893

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								Sediment Samples						Tissue Sample		
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-156	1	8	8	0	84502.75	ng/kg	4330	ng/kg	Y	Y	0.051240936
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-156	1	9	9	0	8770.277778	ng/kg	1550	ng/kg	Y	Y	0.176733285
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-156	1	9	9	0	8770.277778	ng/kg	1280	ng/kg	Y	Y	0.145947487
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-156	1	9	9	0	8770.277778	ng/kg	949	ng/kg	Y	Y	0.108206379
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-156	1	14	14	0	3868.866429	ng/kg	1670	ng/kg	Y	Y	0.431650984
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-156	1	14	14	0	3868.866429	ng/kg	2000	ng/kg	Y	Y	0.516947286
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-156	1	14	14	0	3868.866429	ng/kg	2180	ng/kg	Y	Y	0.563472542
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-156	1	13	13	0	7486.807692	ng/kg	1830	ng/kg	Y	Y	0.244429946
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-156	1	13	13	0	7486.807692	ng/kg	1550	ng/kg	Y	Y	0.207030829
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-156	1	13	13	0	7486.807692	ng/kg	1570	ng/kg	Y	Y	0.209702194
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-156	1	11	11	0	8785.454545	ng/kg	1960	ng/kg	Y	Y	0.223096026
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-156	1	11	11	0	8785.454545	ng/kg	1600	ng/kg	Y	Y	0.182119205
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-156	1	11	11	0	8785.454545	ng/kg	1930	ng/kg	Y	Y	0.219681291
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-157	1	8	8	0	21242.375	ng/kg	895	ng/kg	Y	Y	0.042132765
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-157	1	8	8	0	21242.375	ng/kg	862	ng/kg	Y	Y	0.040579267
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-157	1	8	8	0	21242.375	ng/kg	806	ng/kg	Y	Y	0.037943027
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-157	1	8	8	0	21219.875	ng/kg	1460	ng/kg	Y	Y	0.068803421
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-157	1	8	8	0	21219.875	ng/kg	1050	ng/kg	Y	Y	0.049481913
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-157	1	8	8	0	21219.875	ng/kg	1380	ng/kg	Y	Y	0.065033371
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-157	1	9	9	0	2033.01	ng/kg	415	ng/kg	Y	Y	0.204130821
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-157	1	9	9	0	2033.01	ng/kg	346	ng/kg	Y	Y	0.170190998
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-157	1	9	9	0	2033.01	ng/kg	252	ng/kg	Y	Y	0.123954137
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-157	1	14	13	1	985.8217857	ng/kg	474	ng/kg	Y	Y	0.480817128
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-157	1	14	13	1	985.8217857	ng/kg	581	ng/kg	Y	Y	0.589356016
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-157	1	14	13	1	985.8217857	ng/kg	614	ng/kg	Y	Y	0.622830626
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-157	1	13	13	0	1743.391538	ng/kg	495	ng/kg	Y	Y	0.283929335
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-157	1	13	13	0	1743.391538	ng/kg	415	ng/kg	Y	Y	0.238041766
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-157	1	13	13	0	1743.391538	ng/kg	439	ng/kg	Y	Y	0.251808036
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-157	1	11	11	0	2043.818182	ng/kg	513	ng/kg	Y	Y	0.251000801
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-157	1	11	11	0	2043.818182	ng/kg	416	ng/kg	Y	Y	0.20354061
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-157	1	11	11	0	2043.818182	ng/kg	494	ng/kg	Y	Y	0.241704475
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-167	1	8	8	0	34921.875	ng/kg	1960	ng/kg	Y	Y	0.05612528
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-167	1	8	8	0	34921.875	ng/kg	1750	ng/kg	Y	Y	0.050111857
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-167	1	8	8	0	34921.875	ng/kg	1920	ng/kg	Y	Y	0.054979866
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-167	1	8	8	0	34874.125	ng/kg	3010	ng/kg	Y	Y	0.086310409
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-167	1	8	8	0	34874.125	ng/kg	2220	ng/kg	Y	Y	0.063657511
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-167	1	8	8	0	34874.125	ng/kg	2800	ng/kg	Y	Y	0.080288753
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-167	1	9	9	0	7236.3	ng/kg	1180	ng/kg	Y	Y	0.163066761
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-167	1	9	9	0	7236.3	ng/kg	939	ng/kg	Y	Y	0.129762448
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-167	1	9	9	0	7236.3	ng/kg	689	ng/kg	Y	Y	0.095214405
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-167	1	14	14	0	3163.260714	ng/kg	1230	ng/kg	Y	Y	0.388839274
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-167	1	14	14	0	3163.260714	ng/kg	1470	ng/kg	Y	Y	0.464710352
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-167	1	14	14	0	3163.260714	ng/kg	1620	ng/kg	Y	Y	0.512129776
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-167	1	13	13	0	6143.669231	ng/kg	1380	ng/kg	Y	Y	0.224621468
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-167	1	13	13	0	6143.669231	ng/kg	1210	ng/kg	Y	Y	0.196950707
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-167	1	13	13	0	6143.669231	ng/kg	1210	ng/kg	Y	Y	0.196950707
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-167	1	11	11	0	7206.181818	ng/kg	1590	ng/kg	Y	Y	0.220643892
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-167	1	11	11	0	7206.181818	ng/kg	1260	ng/kg	Y	Y	0.174849876
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-167	1	11	11	0	7206.181818	ng/kg	1560	ng/kg	Y	Y	0.216480799
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-169	1	8	4	4	97.573125	ng/kg	12.55	ng/kg	N	Y	0.128621483
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-169	1	8	4	4	97.573125	ng/kg	11.2	ng/kg	N	Y	0.114785706
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-169	1	8	4	4	97.573125	ng/kg	16.65	ng/kg	N	Y	0.17064125
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-169	1	8	4	4	97.57	ng/kg	9.9	ng/kg	N	Y	0.101465614
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-169	1	8	4	4	97.57	ng/kg	9.6	ng/kg	N	Y	0.098390899

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-169	1	8	4	4	97.57	ng/kg	10.2	ng/kg	N	Y	0.10454033
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-169	1	9	7	2	300.8227778	ng/kg	12.4	ng/kg	N	Y	0.041220283
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-169	1	9	7	2	300.8227778	ng/kg	10.75	ng/kg	N	Y	0.035735326
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-169	1	9	7	2	300.8227778	ng/kg	9.75	ng/kg	N	Y	0.03241111
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-169	1	14	7	7	91.3825	ng/kg	11.25	ng/kg	N	Y	0.12310891
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-169	1	14	7	7	91.3825	ng/kg	10.65	ng/kg	N	Y	0.116543102
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-169	1	14	7	7	91.3825	ng/kg	11.7	ng/kg	N	Y	0.128033267
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-169	1	13	10	3	229.6296154	ng/kg	12	ng/kg	N	Y	0.052258068
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-169	1	13	10	3	229.6296154	ng/kg	11.85	ng/kg	N	Y	0.051604842
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-169	1	13	10	3	229.6296154	ng/kg	12.95	ng/kg	N	Y	0.056395165
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-169	1	11	9	2	268.3390909	ng/kg	12.2	ng/kg	N	Y	0.045464863
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-169	1	11	9	2	268.3390909	ng/kg	12.1	ng/kg	N	Y	0.0450922
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-169	1	11	9	2	268.3390909	ng/kg	12.9	ng/kg	N	Y	0.048073503
BIST004	UB041F0401	Gulf killifish	Whole Body	PCB-189	1	8	8	0	3321	ng/kg	149	ng/kg	Y	Y	0.044866004
BIST004	UB041F0404	Gulf killifish	Whole Body	PCB-189	1	8	8	0	3321	ng/kg	132	ng/kg	Y	Y	0.039747064
BIST004	UB041F0402	Gulf killifish	Whole Body	PCB-189	1	8	8	0	3321	ng/kg	167	ng/kg	Y	Y	0.050286058
BIST005	UB051F0508	Gulf killifish	Whole Body	PCB-189	1	8	8	0	3311.9875	ng/kg	202	ng/kg	Y	Y	0.060990568
BIST005	UB051F0510	Gulf killifish	Whole Body	PCB-189	1	8	8	0	3311.9875	ng/kg	157	ng/kg	Y	Y	0.047403561
BIST005	UB051F0518	Gulf killifish	Whole Body	PCB-189	1	8	8	0	3311.9875	ng/kg	203	ng/kg	Y	Y	0.061292502
BIST011	LB011F1101	Gulf killifish	Whole Body	PCB-189	1	9	9	0	5093.8	ng/kg	242	ng/kg	Y	Y	0.047508736
BIST011	LB011F1103	Gulf killifish	Whole Body	PCB-189	1	9	9	0	5093.8	ng/kg	208	ng/kg	Y	Y	0.040833955
BIST011	LB011F1105	Gulf killifish	Whole Body	PCB-189	1	9	9	0	5093.8	ng/kg	162	ng/kg	Y	Y	0.031803369
BIST019	LB061F1901	Gulf killifish	Whole Body	PCB-189	1	14	14	0	1834.464286	ng/kg	256	ng/kg	Y	Y	0.139550277
BIST019	LB061F1902	Gulf killifish	Whole Body	PCB-189	1	14	14	0	1834.464286	ng/kg	314	ng/kg	Y	Y	0.171167137
BIST019	LB061F1903	Gulf killifish	Whole Body	PCB-189	1	14	14	0	1834.464286	ng/kg	334	ng/kg	Y	Y	0.182069503
BIST027	PPGC1F2705	Gulf killifish	Whole Body	PCB-189	1	13	13	0	4182.861538	ng/kg	404	ng/kg	Y	Y	0.096584598
BIST027	PPGC1F2706	Gulf killifish	Whole Body	PCB-189	1	13	13	0	4182.861538	ng/kg	374	ng/kg	Y	Y	0.089412474
BIST027	PPGC1F2712	Gulf killifish	Whole Body	PCB-189	1	13	13	0	4182.861538	ng/kg	290	ng/kg	Y	Y	0.069330528
BIST029	PPGC1F2903	Gulf killifish	Whole Body	PCB-189	1	11	11	0	4912.272727	ng/kg	481	ng/kg	Y	Y	0.097918016
BIST029	PPGC1F2904	Gulf killifish	Whole Body	PCB-189	1	11	11	0	4912.272727	ng/kg	416	ng/kg	Y	Y	0.084685852
BIST029	PPGC1F2905	Gulf killifish	Whole Body	PCB-189	1	11	11	0	4912.272727	ng/kg	472	ng/kg	Y	Y	0.09608587
BIST007	MB011F0704	Gulf killifish	Whole Body	Pentachlorophenol	1	11	0	11	1176.363636	ug/kg	500	ug/kg	N	Y	0.42503864
BIST011	LB011F1101	Gulf killifish	Whole Body	Pentachlorophenol	1	23	0	23	1577.173913	ug/kg	500	ug/kg	N	Y	0.317022743
BIST011	LB011F1103	Gulf killifish	Whole Body	Pentachlorophenol	1	23	0	23	1577.173913	ug/kg	500	ug/kg	N	Y	0.317022743
BIST011	LB011F1105	Gulf killifish	Whole Body	Pentachlorophenol	1	23	0	23	1577.173913	ug/kg	500	ug/kg	N	Y	0.317022743
BIST012	LB011F1201	Gulf killifish	Whole Body	Pentachlorophenol	1	26	0	26	1684.230769	ug/kg	500	ug/kg	N	Y	0.296871432
BIST012	LB011F1202	Gulf killifish	Whole Body	Pentachlorophenol	1	26	0	26	1684.230769	ug/kg	250	ug/kg	N	Y	0.148435716
BIST012	LB011F1204	Gulf killifish	Whole Body	Pentachlorophenol	1	26	0	26	1684.230769	ug/kg	50	ug/kg	N	Y	0.029687143
BIST013	LB011F1301	Gulf killifish	Whole Body	Pentachlorophenol	1	27	0	27	1453.148148	ug/kg	250	ug/kg	N	Y	0.17204027
BIST013	LB011F1302	Gulf killifish	Whole Body	Pentachlorophenol	1	27	0	27	1453.148148	ug/kg	100	ug/kg	N	Y	0.068816108
BIST013	LB011F1305	Gulf killifish	Whole Body	Pentachlorophenol	1	27	0	27	1453.148148	ug/kg	250	ug/kg	N	Y	0.17204027
BIST015	LB031F1502	Gulf killifish	Whole Body	Pentachlorophenol	1	35	0	35	10267.14286	ug/kg	250	ug/kg	N	Y	0.02434952
BIST015	LB031F1504	Gulf killifish	Whole Body	Pentachlorophenol	1	35	0	35	10267.14286	ug/kg	500	ug/kg	N	Y	0.04869904
BIST015	LB031F1506	Gulf killifish	Whole Body	Pentachlorophenol	1	35	0	35	10267.14286	ug/kg	250	ug/kg	N	Y	0.02434952
BIST024	LB131F2402	Gulf killifish	Whole Body	Pentachlorophenol	1	42	0	42	1490.47619	ug/kg	250	ug/kg	N	Y	0.167731629
BIST024	LB131F2406	Gulf killifish	Whole Body	Pentachlorophenol	1	42	0	42	1490.47619	ug/kg	500	ug/kg	N	Y	0.335463259
BIST024	LB131F2408	Gulf killifish	Whole Body	Pentachlorophenol	1	42	0	42	1490.47619	ug/kg	500	ug/kg	N	Y	0.335463259
BIST025	LB131F2502	Gulf killifish	Whole Body	Pentachlorophenol	1	42	0	42	2244.404762	ug/kg	500	ug/kg	N	Y	0.222776216
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Pentachlorophenol	1	42	0	42	2244.404762	ug/kg	1000	ug/kg	N	Y	0.445552432
BIST026	LB131F2601	Gulf killifish	Whole Body	Pentachlorophenol	1	35	0	35	2429	ug/kg	100	ug/kg	N	Y	0.041169205
BIST026	LB131F2604	Gulf killifish	Whole Body	Pentachlorophenol	1	35	0	35	2429	ug/kg	250	ug/kg	N	Y	0.102923014
BIST004	UB041F0401	Gulf killifish	Whole Body	Phenanthrene	1	15	1	14	778.5	ug/kg	100	ug/kg	N	Y	0.128452152
BIST004	UB041F0404	Gulf killifish	Whole Body	Phenanthrene	1	15	1	14	778.5	ug/kg	100	ug/kg	N	Y	0.128452152
BIST004	UB041F0402	Gulf killifish	Whole Body	Phenanthrene	1	15	1	14	778.5	ug/kg	20	ug/kg	N	Y	0.02569043

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0501	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	40	ug/kg	N	Y	0.054561098
BIST005	UB051F0502	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	20	ug/kg	N	Y	0.027280549
BIST005	UB051F0503	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	40	ug/kg	N	Y	0.054561098
BIST005	UB051F0504	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	40	ug/kg	N	Y	0.054561098
BIST005	UB051F0505	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	40	ug/kg	N	Y	0.054561098
BIST005	UB051F0508	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	20	ug/kg	N	Y	0.027280549
BIST005	UB051F0509	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	20	ug/kg	N	Y	0.027280549
BIST005	UB051F0510	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	20	ug/kg	N	Y	0.027280549
BIST005	UB051F0511	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	20	ug/kg	N	Y	0.027280549
BIST005	UB051F0512	Sailfin molly	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	80	ug/kg	N	Y	0.109122196
BIST005	UB051F0515	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	100	ug/kg	N	Y	0.136402745
BIST005	UB051F0516	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	40	ug/kg	N	Y	0.054561098
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	20	ug/kg	N	Y	0.027280549
BIST005	UB051F0518	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	20	ug/kg	N	Y	0.027280549
BIST005	UB051F0520	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	40	ug/kg	N	Y	0.054561098
BIST005	UB051F0523	Gulf killifish	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	40	ug/kg	N	Y	0.054561098
BIST005	UB051F0525	Sailfin molly	Whole Body	Phenanthrene	1	13	4	9	733.1230769	ug/kg	60	ug/kg	N	Y	0.081841647
BIST006	MB011F0605	Gulf killifish	Whole Body	Phenanthrene	1	15	4	11	348.14	ug/kg	100	ug/kg	N	Y	0.287240765
BIST006	MB011F0607	Gulf killifish	Whole Body	Phenanthrene	1	15	4	11	348.14	ug/kg	200	ug/kg	N	Y	0.57448153
BIST006	MB011F0615	Gulf killifish	Whole Body	Phenanthrene	1	15	4	11	348.14	ug/kg	200	ug/kg	N	Y	0.57448153
BIST006	MB011F0616	Gulf killifish	Whole Body	Phenanthrene	1	15	4	11	348.14	ug/kg	100	ug/kg	N	Y	0.287240765
BIST006	MB011F0624	Gulf killifish	Whole Body	Phenanthrene	1	15	4	11	348.14	ug/kg	100	ug/kg	N	Y	0.287240765
BIST007	MB011F0702	Gulf killifish	Whole Body	Phenanthrene	1	12	5	7	333.5083333	ug/kg	100	ug/kg	N	Y	0.299842583
BIST007	MB011F0703	Gulf killifish	Whole Body	Phenanthrene	1	12	5	7	333.5083333	ug/kg	100	ug/kg	N	Y	0.299842583
BIST007	MB011F0704	Gulf killifish	Whole Body	Phenanthrene	1	12	5	7	333.5083333	ug/kg	100	ug/kg	N	Y	0.299842583
BIST007	MB011F0706	Gulf killifish	Whole Body	Phenanthrene	1	12	5	7	333.5083333	ug/kg	100	ug/kg	N	Y	0.299842583
BIST007	MB011F0708	Gulf killifish	Whole Body	Phenanthrene	1	12	5	7	333.5083333	ug/kg	100	ug/kg	N	Y	0.299842583
BIST008	MB031F0803	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	582.95	ug/kg	100	ug/kg	N	Y	0.171541299
BIST008	MB031F0804	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	582.95	ug/kg	100	ug/kg	N	Y	0.171541299
BIST008	MB031F0805	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	582.95	ug/kg	100	ug/kg	N	Y	0.171541299
BIST008	MB031F0806	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	582.95	ug/kg	100	ug/kg	N	Y	0.171541299
BIST008	MB031F0811	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	582.95	ug/kg	100	ug/kg	N	Y	0.171541299
BIST010	MB031F1001	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	577.45	ug/kg	100	ug/kg	N	Y	0.173175167
BIST010	MB031F1004	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	577.45	ug/kg	100	ug/kg	N	Y	0.173175167
BIST010	MB031F1006	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	577.45	ug/kg	100	ug/kg	N	Y	0.173175167
BIST010	MB031F1009	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	577.45	ug/kg	100	ug/kg	N	Y	0.173175167
BIST010	MB031F1013	Gulf killifish	Whole Body	Phenanthrene	1	20	3	17	577.45	ug/kg	100	ug/kg	N	Y	0.173175167
BIST011	LB011F1101	Gulf killifish	Whole Body	Phenanthrene	1	30	7	23	547.04	ug/kg	200	ug/kg	N	Y	0.365603978
BIST011	LB011F1103	Gulf killifish	Whole Body	Phenanthrene	1	30	7	23	547.04	ug/kg	200	ug/kg	N	Y	0.365603978
BIST011	LB011F1105	Gulf killifish	Whole Body	Phenanthrene	1	30	7	23	547.04	ug/kg	200	ug/kg	N	Y	0.365603978
BIST012	LB011F1201	Gulf killifish	Whole Body	Phenanthrene	1	35	9	26	555.6228571	ug/kg	200	ug/kg	N	Y	0.359956394
BIST012	LB011F1202	Gulf killifish	Whole Body	Phenanthrene	1	35	9	26	555.6228571	ug/kg	100	ug/kg	N	Y	0.179978197
BIST012	LB011F1204	Gulf killifish	Whole Body	Phenanthrene	1	35	9	26	555.6228571	ug/kg	20	ug/kg	N	Y	0.035995639
BIST013	LB011F1301	Gulf killifish	Whole Body	Phenanthrene	1	36	10	26	489.6333333	ug/kg	100	ug/kg	N	Y	0.204234461
BIST013	LB011F1302	Gulf killifish	Whole Body	Phenanthrene	1	36	10	26	489.6333333	ug/kg	40	ug/kg	N	Y	0.081693784
BIST013	LB011F1305	Gulf killifish	Whole Body	Phenanthrene	1	36	10	26	489.6333333	ug/kg	100	ug/kg	N	Y	0.204234461
BIST015	LB031F1502	Gulf killifish	Whole Body	Phenanthrene	1	42	10	32	3253.704762	ug/kg	100	ug/kg	N	Y	0.030734196
BIST015	LB031F1504	Gulf killifish	Whole Body	Phenanthrene	1	42	10	32	3253.704762	ug/kg	200	ug/kg	N	Y	0.061468392
BIST015	LB031F1506	Gulf killifish	Whole Body	Phenanthrene	1	42	10	32	3253.704762	ug/kg	100	ug/kg	N	Y	0.030734196
BIST016	LB031F1601	Gulf killifish	Whole Body	Phenanthrene	1	55	16	39	2628.554545	ug/kg	200	ug/kg	N	Y	0.076087445
BIST016	LB031F1602	Gulf killifish	Whole Body	Phenanthrene	1	55	16	39	2628.554545	ug/kg	20	ug/kg	N	Y	0.007608745
BIST016	LB031F1610	Gulf killifish	Whole Body	Phenanthrene	1	55	16	39	2628.554545	ug/kg	20	ug/kg	N	Y	0.007608745
BIST017	LB031F1702	Gulf killifish	Whole Body	Phenanthrene	1	19	5	14	6263.105263	ug/kg	500	ug/kg	N	Y	0.079832604
BIST017	LB031F1703	Gulf killifish	Whole Body	Phenanthrene	1	19	5	14	6263.105263	ug/kg	60	ug/kg	N	Y	0.009579912

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST017	LB031F1704	Gulf killifish	Whole Body	Phenanthrene	1	19	5	14	6263.105263	ug/kg	40	ug/kg	N	Y	0.006386608
BIST019	LB061F1901	Gulf killifish	Whole Body	Phenanthrene	1	42	11	31	668.4880952	ug/kg	20	ug/kg	N	Y	0.029918259
BIST019	LB061F1902	Gulf killifish	Whole Body	Phenanthrene	1	42	11	31	668.4880952	ug/kg	200	ug/kg	N	Y	0.29918259
BIST019	LB061F1903	Gulf killifish	Whole Body	Phenanthrene	1	42	11	31	668.4880952	ug/kg	20	ug/kg	N	Y	0.029918259
BIST024	LB131F2402	Gulf killifish	Whole Body	Phenanthrene	1	50	9	41	519.83	ug/kg	100	ug/kg	N	Y	0.192370583
BIST024	LB131F2406	Gulf killifish	Whole Body	Phenanthrene	1	50	9	41	519.83	ug/kg	200	ug/kg	N	Y	0.384741165
BIST024	LB131F2408	Gulf killifish	Whole Body	Phenanthrene	1	50	9	41	519.83	ug/kg	200	ug/kg	N	Y	0.384741165
BIST025	LB131F2502	Gulf killifish	Whole Body	Phenanthrene	1	51	10	41	766.0941176	ug/kg	200	ug/kg	N	Y	0.261064529
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Phenanthrene	1	51	10	41	766.0941176	ug/kg	400	ug/kg	N	Y	0.522129058
BIST026	LB131F2601	Gulf killifish	Whole Body	Phenanthrene	1	48	15	33	792.5354167	ug/kg	40	ug/kg	N	Y	0.050470931
BIST026	LB131F2604	Gulf killifish	Whole Body	Phenanthrene	1	48	15	33	792.5354167	ug/kg	100	ug/kg	N	Y	0.126177326
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Phenanthrene	1	31	9	22	505.2193548	ug/kg	200	ug/kg	N	Y	0.395867653
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Phenanthrene	1	31	9	22	505.2193548	ug/kg	40	ug/kg	N	Y	0.079173531
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Phenanthrene	1	31	9	22	505.2193548	ug/kg	200	ug/kg	N	Y	0.395867653
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Phenanthrene	1	30	10	20	2385.36	ug/kg	200	ug/kg	N	Y	0.083844787
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Phenanthrene	1	30	10	20	2385.36	ug/kg	100	ug/kg	N	Y	0.041922393
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Phenanthrene	1	30	10	20	2385.36	ug/kg	40	ug/kg	N	Y	0.016768957
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Phenanthrene	1	30	9	21	682.56	ug/kg	200	ug/kg	N	Y	0.293014534
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Phenanthrene	1	30	9	21	682.56	ug/kg	200	ug/kg	N	Y	0.293014534
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Phenanthrene	1	30	9	21	682.56	ug/kg	20	ug/kg	N	Y	0.029301453
BIST004	UB041F0401	Gulf killifish	Whole Body	Pyrene	1	15	6	9	785.6333333	ug/kg	100	ug/kg	N	Y	0.127285842
BIST004	UB041F0404	Gulf killifish	Whole Body	Pyrene	1	15	6	9	785.6333333	ug/kg	100	ug/kg	N	Y	0.127285842
BIST004	UB041F0402	Gulf killifish	Whole Body	Pyrene	1	15	6	9	785.6333333	ug/kg	20	ug/kg	N	Y	0.025457168
BIST005	UB051F0501	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	40	ug/kg	N	Y	0.048620851
BIST005	UB051F0502	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	20	ug/kg	N	Y	0.024310425
BIST005	UB051F0503	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	40	ug/kg	N	Y	0.048620851
BIST005	UB051F0504	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	40	ug/kg	N	Y	0.048620851
BIST005	UB051F0508	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	20	ug/kg	N	Y	0.024310425
BIST005	UB051F0509	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	20	ug/kg	N	Y	0.024310425
BIST005	UB051F0510	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	20	ug/kg	N	Y	0.024310425
BIST005	UB051F0511	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	20	ug/kg	N	Y	0.024310425
BIST005	UB051F0512	Sailfin molly	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	80	ug/kg	N	Y	0.097241702
BIST005	UB051F0515	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	100	ug/kg	N	Y	0.121552127
BIST005	UB051F0516	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	40	ug/kg	N	Y	0.048620851
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	20	ug/kg	N	Y	0.024310425
BIST005	UB051F0518	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	20	ug/kg	N	Y	0.024310425
BIST005	UB051F0520	Gulf killifish	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	40	ug/kg	N	Y	0.048620851
BIST005	UB051F0525	Sailfin molly	Whole Body	Pyrene	1	13	5	8	822.6923077	ug/kg	60	ug/kg	N	Y	0.072931276
BIST006	MB011F0605	Gulf killifish	Whole Body	Pyrene	1	15	6	9	336.2	ug/kg	100	ug/kg	N	Y	0.297441999
BIST006	MB011F0607	Gulf killifish	Whole Body	Pyrene	1	15	6	9	336.2	ug/kg	200	ug/kg	N	Y	0.594883998
BIST006	MB011F0615	Gulf killifish	Whole Body	Pyrene	1	15	6	9	336.2	ug/kg	200	ug/kg	N	Y	0.594883998
BIST006	MB011F0616	Gulf killifish	Whole Body	Pyrene	1	15	6	9	336.2	ug/kg	100	ug/kg	N	Y	0.297441999
BIST006	MB011F0624	Gulf killifish	Whole Body	Pyrene	1	15	6	9	336.2	ug/kg	100	ug/kg	N	Y	0.297441999
BIST007	MB011F0702	Gulf killifish	Whole Body	Pyrene	1	12	6	6	435.25	ug/kg	100	ug/kg	N	Y	0.229753016
BIST007	MB011F0703	Gulf killifish	Whole Body	Pyrene	1	12	6	6	435.25	ug/kg	100	ug/kg	N	Y	0.229753016
BIST007	MB011F0704	Gulf killifish	Whole Body	Pyrene	1	12	6	6	435.25	ug/kg	100	ug/kg	N	Y	0.229753016
BIST007	MB011F0706	Gulf killifish	Whole Body	Pyrene	1	12	6	6	435.25	ug/kg	100	ug/kg	N	Y	0.229753016
BIST007	MB011F0708	Gulf killifish	Whole Body	Pyrene	1	12	6	6	435.25	ug/kg	100	ug/kg	N	Y	0.229753016
BIST008	MB031F0803	Gulf killifish	Whole Body	Pyrene	1	20	7	13	601.1	ug/kg	100	ug/kg	N	Y	0.16636167
BIST008	MB031F0805	Gulf killifish	Whole Body	Pyrene	1	20	7	13	601.1	ug/kg	100	ug/kg	N	Y	0.16636167
BIST008	MB031F0806	Gulf killifish	Whole Body	Pyrene	1	20	7	13	601.1	ug/kg	100	ug/kg	N	Y	0.16636167
BIST008	MB031F0811	Gulf killifish	Whole Body	Pyrene	1	20	7	13	601.1	ug/kg	100	ug/kg	N	Y	0.16636167
BIST010	MB031F1001	Gulf killifish	Whole Body	Pyrene	1	20	7	13	595.6	ug/kg	100	ug/kg	N	Y	0.167897918
BIST010	MB031F1004	Gulf killifish	Whole Body	Pyrene	1	20	7	13	595.6	ug/kg	100	ug/kg	N	Y	0.167897918

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST010	MB031F1006	Gulf killifish	Whole Body	Pyrene	1	20	7	13	595.6	ug/kg	100	ug/kg	N	Y	0.167897918
BIST010	MB031F1009	Gulf killifish	Whole Body	Pyrene	1	20	7	13	595.6	ug/kg	100	ug/kg	N	Y	0.167897918
BIST010	MB031F1013	Gulf killifish	Whole Body	Pyrene	1	20	7	13	595.6	ug/kg	100	ug/kg	N	Y	0.167897918
BIST011	LB011F1101	Gulf killifish	Whole Body	Pyrene	1	30	13	17	648.2333333	ug/kg	200	ug/kg	N	Y	0.308530879
BIST011	LB011F1103	Gulf killifish	Whole Body	Pyrene	1	30	13	17	648.2333333	ug/kg	200	ug/kg	N	Y	0.308530879
BIST011	LB011F1105	Gulf killifish	Whole Body	Pyrene	1	30	13	17	648.2333333	ug/kg	200	ug/kg	N	Y	0.308530879
BIST012	LB011F1201	Gulf killifish	Whole Body	Pyrene	1	36	16	20	637.3305556	ug/kg	200	ug/kg	N	Y	0.313808899
BIST012	LB011F1202	Gulf killifish	Whole Body	Pyrene	1	36	16	20	637.3305556	ug/kg	100	ug/kg	N	Y	0.15690445
BIST012	LB011F1204	Gulf killifish	Whole Body	Pyrene	1	36	16	20	637.3305556	ug/kg	20	ug/kg	N	Y	0.03138089
BIST013	LB011F1301	Gulf killifish	Whole Body	Pyrene	1	37	17	20	586.4567568	ug/kg	100	ug/kg	N	Y	0.170515556
BIST013	LB011F1302	Gulf killifish	Whole Body	Pyrene	1	37	17	20	586.4567568	ug/kg	40	ug/kg	N	Y	0.068206222
BIST013	LB011F1305	Gulf killifish	Whole Body	Pyrene	1	37	17	20	586.4567568	ug/kg	100	ug/kg	N	Y	0.170515556
BIST015	LB031F1502	Gulf killifish	Whole Body	Pyrene	1	43	18	25	3820.113953	ug/kg	100	ug/kg	N	Y	0.02617723
BIST015	LB031F1504	Gulf killifish	Whole Body	Pyrene	1	43	18	25	3820.113953	ug/kg	200	ug/kg	N	Y	0.052354459
BIST015	LB031F1506	Gulf killifish	Whole Body	Pyrene	1	43	18	25	3820.113953	ug/kg	100	ug/kg	N	Y	0.02617723
BIST016	LB031F1601	Gulf killifish	Whole Body	Pyrene	1	55	23	32	3149.818182	ug/kg	200	ug/kg	N	Y	0.063495728
BIST016	LB031F1602	Gulf killifish	Whole Body	Pyrene	1	55	23	32	3149.818182	ug/kg	20	ug/kg	N	Y	0.006349573
BIST016	LB031F1610	Gulf killifish	Whole Body	Pyrene	1	55	23	32	3149.818182	ug/kg	20	ug/kg	N	Y	0.006349573
BIST017	LB031F1702	Gulf killifish	Whole Body	Pyrene	1	19	7	12	7654.736842	ug/kg	500	ug/kg	N	Y	0.065319032
BIST017	LB031F1703	Gulf killifish	Whole Body	Pyrene	1	19	7	12	7654.736842	ug/kg	60	ug/kg	N	Y	0.007838284
BIST017	LB031F1704	Gulf killifish	Whole Body	Pyrene	1	19	7	12	7654.736842	ug/kg	40	ug/kg	N	Y	0.005225523
BIST019	LB061F1901	Gulf killifish	Whole Body	Pyrene	1	42	21	21	681.7857143	ug/kg	20	ug/kg	N	Y	0.02933473
BIST019	LB061F1902	Gulf killifish	Whole Body	Pyrene	1	42	21	21	681.7857143	ug/kg	200	ug/kg	N	Y	0.293347302
BIST019	LB061F1903	Gulf killifish	Whole Body	Pyrene	1	42	21	21	681.7857143	ug/kg	20	ug/kg	N	Y	0.02933473
BIST024	LB131F2402	Gulf killifish	Whole Body	Pyrene	1	50	20	30	518.74	ug/kg	100	ug/kg	N	Y	0.1927748
BIST024	LB131F2406	Gulf killifish	Whole Body	Pyrene	1	50	20	30	518.74	ug/kg	200	ug/kg	N	Y	0.385549601
BIST024	LB131F2408	Gulf killifish	Whole Body	Pyrene	1	50	20	30	518.74	ug/kg	200	ug/kg	N	Y	0.385549601
BIST025	LB131F2502	Gulf killifish	Whole Body	Pyrene	1	51	20	31	825.9803922	ug/kg	200	ug/kg	N	Y	0.242136499
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Pyrene	1	51	20	31	825.9803922	ug/kg	400	ug/kg	N	Y	0.484272997
BIST026	LB131F2601	Gulf killifish	Whole Body	Pyrene	1	49	22	27	929.6918367	ug/kg	40	ug/kg	N	Y	0.043025009
BIST026	LB131F2604	Gulf killifish	Whole Body	Pyrene	1	49	22	27	929.6918367	ug/kg	100	ug/kg	N	Y	0.107562523
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Pyrene	1	32	15	17	598.371875	ug/kg	200	ug/kg	N	Y	0.334240308
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Pyrene	1	32	15	17	598.371875	ug/kg	40	ug/kg	N	Y	0.066848062
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Pyrene	1	32	15	17	598.371875	ug/kg	200	ug/kg	N	Y	0.334240308
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Pyrene	1	31	15	16	3904.448387	ug/kg	200	ug/kg	N	Y	0.051223625
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Pyrene	1	31	15	16	3904.448387	ug/kg	100	ug/kg	N	Y	0.025611812
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Pyrene	1	31	15	16	3904.448387	ug/kg	40	ug/kg	N	Y	0.010244725
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Pyrene	1	31	15	16	797.9967742	ug/kg	200	ug/kg	N	Y	0.25062758
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Pyrene	1	31	15	16	797.9967742	ug/kg	200	ug/kg	N	Y	0.25062758
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Pyrene	1	31	15	16	797.9967742	ug/kg	20	ug/kg	N	Y	0.025062758
BIST004	UB041F0401	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.572307692	mg/kg	0.35	mg/kg	Y	Y	0.61155914
BIST004	UB041F0404	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.572307692	mg/kg	0.23	mg/kg	Y	Y	0.40188172
BIST004	UB041F0402	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.572307692	mg/kg	0.34	mg/kg	Y	Y	0.594086022
BIST005	UB051F0501	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.43	mg/kg	Y	Y	0.687083888
BIST005	UB051F0502	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.42	mg/kg	Y	Y	0.671105193
BIST005	UB051F0503	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.4	mg/kg	Y	Y	0.639147803
BIST005	UB051F0504	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.51	mg/kg	Y	Y	0.814913449
BIST005	UB051F0505	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.38	mg/kg	Y	Y	0.607190413
BIST005	UB051F0508	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.38	mg/kg	Y	Y	0.607190413
BIST005	UB051F0509	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.34	mg/kg	Y	Y	0.543275632
BIST005	UB051F0510	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.42	mg/kg	Y	Y	0.671105193
BIST005	UB051F0511	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.4	mg/kg	Y	Y	0.639147803
BIST005	UB051F0512	Sailfin molly	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.5	mg/kg	Y	Y	0.798934754
BIST005	UB051F0515	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.31	mg/kg	Y	Y	0.495339547

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0516	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.35	mg/kg	Y	Y	0.559254328
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.35	mg/kg	Y	Y	0.559254328
BIST005	UB051F0518	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.55	mg/kg	Y	Y	0.878828229
BIST005	UB051F0520	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.29	mg/kg	Y	Y	0.463382157
BIST005	UB051F0523	Gulf killifish	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.36	mg/kg	Y	Y	0.575233023
BIST005	UB051F0525	Sailfin molly	Whole Body	Selenium	1	12	0	12	0.625833333	mg/kg	0.41	mg/kg	Y	Y	0.655126498
BIST006	MB011F0605	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.654615385	mg/kg	0.38	mg/kg	Y	Y	0.580493537
BIST006	MB011F0607	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.654615385	mg/kg	0.34	mg/kg	Y	Y	0.519388954
BIST006	MB011F0615	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.654615385	mg/kg	0.24	mg/kg	Y	Y	0.366627497
BIST006	MB011F0616	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.654615385	mg/kg	0.49	mg/kg	Y	Y	0.74853114
BIST006	MB011F0624	Gulf killifish	Whole Body	Selenium	1	13	0	13	0.654615385	mg/kg	0.52	mg/kg	Y	Y	0.794359577
BIST007	MB011F0702	Gulf killifish	Whole Body	Selenium	1	10	0	10	0.586	mg/kg	0.51	mg/kg	Y	Y	0.870307167
BIST007	MB011F0703	Gulf killifish	Whole Body	Selenium	1	10	0	10	0.586	mg/kg	0.6	mg/kg	Y	Y	1.023890785
BIST007	MB011F0704	Gulf killifish	Whole Body	Selenium	1	10	0	10	0.586	mg/kg	0.48	mg/kg	Y	Y	0.819112628
BIST007	MB011F0706	Gulf killifish	Whole Body	Selenium	1	10	0	10	0.586	mg/kg	0.5	mg/kg	Y	Y	0.853242321
BIST007	MB011F0708	Gulf killifish	Whole Body	Selenium	1	10	0	10	0.586	mg/kg	0.59	mg/kg	Y	Y	1.006825939
BIST008	MB031F0803	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.914705882	mg/kg	0.47	mg/kg	Y	Y	0.513826367
BIST008	MB031F0804	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.914705882	mg/kg	0.59	mg/kg	Y	Y	0.645016077
BIST008	MB031F0805	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.914705882	mg/kg	0.37	mg/kg	Y	Y	0.404501608
BIST008	MB031F0806	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.914705882	mg/kg	0.55	mg/kg	Y	Y	0.601286174
BIST008	MB031F0811	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.914705882	mg/kg	0.6	mg/kg	Y	Y	0.655948553
BIST010	MB031F1001	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.902941176	mg/kg	0.48	mg/kg	Y	Y	0.531596091
BIST010	MB031F1004	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.902941176	mg/kg	2.9	mg/kg	Y	Y	3.211726384
BIST010	MB031F1006	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.902941176	mg/kg	0.68	mg/kg	Y	Y	0.753094463
BIST010	MB031F1009	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.902941176	mg/kg	0.43	mg/kg	Y	Y	0.476221498
BIST010	MB031F1013	Gulf killifish	Whole Body	Selenium	1	17	3	14	0.902941176	mg/kg	0.41	mg/kg	Y	Y	0.454071661
BIST011	LB011F1101	Gulf killifish	Whole Body	Selenium	1	23	4	19	1.047608696	mg/kg	0.72	mg/kg	Y	Y	0.687279519
BIST011	LB011F1103	Gulf killifish	Whole Body	Selenium	1	23	4	19	1.047608696	mg/kg	0.73	mg/kg	Y	Y	0.696825067
BIST011	LB011F1105	Gulf killifish	Whole Body	Selenium	1	23	4	19	1.047608696	mg/kg	0.74	mg/kg	Y	Y	0.706370616
BIST012	LB011F1201	Gulf killifish	Whole Body	Selenium	1	25	5	20	1.0182	mg/kg	0.79	mg/kg	Y	Y	0.775879002
BIST012	LB011F1202	Gulf killifish	Whole Body	Selenium	1	25	5	20	1.0182	mg/kg	0.72	mg/kg	Y	Y	0.70713023
BIST012	LB011F1204	Gulf killifish	Whole Body	Selenium	1	25	5	20	1.0182	mg/kg	0.75	mg/kg	Y	Y	0.736593989
BIST013	LB011F1301	Gulf killifish	Whole Body	Selenium	1	26	6	20	1.048846154	mg/kg	0.75	mg/kg	Y	Y	0.715071507
BIST013	LB011F1302	Gulf killifish	Whole Body	Selenium	1	26	6	20	1.048846154	mg/kg	0.73	mg/kg	Y	Y	0.696002934
BIST013	LB011F1305	Gulf killifish	Whole Body	Selenium	1	26	6	20	1.048846154	mg/kg	0.71	mg/kg	Y	Y	0.67693436
BIST015	LB031F1502	Gulf killifish	Whole Body	Selenium	1	31	7	24	1.220806452	mg/kg	0.72	mg/kg	Y	Y	0.589774078
BIST015	LB031F1504	Gulf killifish	Whole Body	Selenium	1	31	7	24	1.220806452	mg/kg	0.59	mg/kg	Y	Y	0.483287092
BIST015	LB031F1506	Gulf killifish	Whole Body	Selenium	1	31	7	24	1.220806452	mg/kg	0.71	mg/kg	Y	Y	0.581582772
BIST016	LB031F1601	Gulf killifish	Whole Body	Selenium	1	42	12	30	1.143214286	mg/kg	0.61	mg/kg	Y	Y	0.533583255
BIST016	LB031F1602	Gulf killifish	Whole Body	Selenium	1	42	12	30	1.143214286	mg/kg	0.58	mg/kg	Y	Y	0.507341456
BIST016	LB031F1610	Gulf killifish	Whole Body	Selenium	1	42	12	30	1.143214286	mg/kg	0.72	mg/kg	Y	Y	0.629803187
BIST017	LB031F1702	Gulf killifish	Whole Body	Selenium	1	15	4	11	1.135333333	mg/kg	0.53	mg/kg	Y	Y	0.466823253
BIST017	LB031F1703	Gulf killifish	Whole Body	Selenium	1	15	4	11	1.135333333	mg/kg	0.55	mg/kg	Y	Y	0.484439225
BIST017	LB031F1704	Gulf killifish	Whole Body	Selenium	1	15	4	11	1.135333333	mg/kg	0.55	mg/kg	Y	Y	0.484439225
BIST019	LB061F1901	Gulf killifish	Whole Body	Selenium	1	33	8	25	1.06469697	mg/kg	0.56	mg/kg	Y	Y	0.525971254
BIST019	LB061F1902	Gulf killifish	Whole Body	Selenium	1	33	8	25	1.06469697	mg/kg	0.54	mg/kg	Y	Y	0.507186566
BIST019	LB061F1903	Gulf killifish	Whole Body	Selenium	1	33	8	25	1.06469697	mg/kg	0.56	mg/kg	Y	Y	0.525971254
BIST024	LB131F2402	Gulf killifish	Whole Body	Selenium	1	43	10	33	0.905465116	mg/kg	0.7	mg/kg	Y	Y	0.773083344
BIST024	LB131F2406	Gulf killifish	Whole Body	Selenium	1	43	10	33	0.905465116	mg/kg	0.72	mg/kg	Y	Y	0.79517144
BIST024	LB131F2408	Gulf killifish	Whole Body	Selenium	1	43	10	33	0.905465116	mg/kg	0.82	mg/kg	Y	Y	0.905611917
BIST025	LB131F2501	Gulf killifish	Whole Body	Selenium	1	41	7	34	0.92804878	mg/kg	0.8	mg/kg	Y	Y	0.862023653
BIST025	LB131F2502	Gulf killifish	Whole Body	Selenium	1	41	7	34	0.92804878	mg/kg	0.7	mg/kg	Y	Y	0.754270696
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Selenium	1	41	7	34	0.92804878	mg/kg	0.73	mg/kg	Y	Y	0.786596583
BIST026	LB131F2601	Gulf killifish	Whole Body	Selenium	1	34	6	28	0.95	mg/kg	0.66	mg/kg	Y	Y	0.694736842

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST026	LB131F2604	Gulf killifish	Whole Body	Selenium	1	34	6	28	0.95	mg/kg	0.65	mg/kg	Y	Y	0.684210526
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Selenium	1	22	4	18	1.029318182	mg/kg	0.42	mg/kg	Y	Y	0.408037094
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Selenium	1	22	4	18	1.029318182	mg/kg	0.43	mg/kg	Y	Y	0.417752263
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Selenium	1	22	4	18	1.029318182	mg/kg	0.46	mg/kg	Y	Y	0.44689777
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Selenium	1	20	1	19	0.9455	mg/kg	0.36	mg/kg	Y	Y	0.380750925
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Selenium	1	20	1	19	0.9455	mg/kg	0.39	mg/kg	Y	Y	0.412480169
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Selenium	1	20	1	19	0.9455	mg/kg	0.35	mg/kg	Y	Y	0.370174511
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Selenium	1	21	2	19	1.057619048	mg/kg	0.63	mg/kg	Y	Y	0.595677623
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Selenium	1	21	2	19	1.057619048	mg/kg	0.64	mg/kg	Y	Y	0.605132823
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Selenium	1	21	2	19	1.057619048	mg/kg	0.71	mg/kg	Y	Y	0.671319226
BIST004	UB041F0401	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	2	11	4.026153846	ug/kg	10	ug/kg	N	Y	2.483760031
BIST004	UB041F0404	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	2	11	4.026153846	ug/kg	10	ug/kg	N	Y	2.483760031
BIST004	UB041F0402	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	2	11	4.026153846	ug/kg	10	ug/kg	N	Y	2.483760031
BIST005	UB051F0501	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0502	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0503	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0504	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0505	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0508	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0509	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0510	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0511	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0512	Sailfin molly	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0515	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0516	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0518	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0520	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0523	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST005	UB051F0525	Sailfin molly	Whole Body	Total Chlordane (U=1/2; max ND)	1	13	4	9	3.798461538	ug/kg	10	ug/kg	N	Y	2.632644795
BIST006	MB011F0605	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	14	2	12	5.66	ug/kg	10	ug/kg	N	Y	1.766784452
BIST006	MB011F0607	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	14	2	12	5.66	ug/kg	10	ug/kg	N	Y	1.766784452
BIST006	MB011F0615	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	14	2	12	5.66	ug/kg	10	ug/kg	N	Y	1.766784452
BIST006	MB011F0616	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	14	2	12	5.66	ug/kg	10	ug/kg	N	Y	1.766784452
BIST006	MB011F0624	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	14	2	12	5.66	ug/kg	10	ug/kg	N	Y	1.766784452
BIST007	MB011F0702	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	12	2	10	5.32	ug/kg	10	ug/kg	N	Y	1.879699248
BIST007	MB011F0703	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	12	2	10	5.32	ug/kg	10	ug/kg	N	Y	1.879699248
BIST007	MB011F0704	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	12	2	10	5.32	ug/kg	10	ug/kg	N	Y	1.879699248
BIST007	MB011F0706	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	12	2	10	5.32	ug/kg	10	ug/kg	N	Y	1.879699248
BIST007	MB011F0708	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	12	2	10	5.32	ug/kg	10	ug/kg	N	Y	1.879699248
BIST008	MB031F0803	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	4	16	12.675	ug/kg	10	ug/kg	N	Y	0.788954635
BIST008	MB031F0804	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	4	16	12.675	ug/kg	10	ug/kg	N	Y	0.788954635
BIST008	MB031F0805	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	4	16	12.675	ug/kg	10	ug/kg	N	Y	0.788954635
BIST008	MB031F0806	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	4	16	12.675	ug/kg	10	ug/kg	N	Y	0.788954635
BIST008	MB031F0811	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	4	16	12.675	ug/kg	10	ug/kg	N	Y	0.788954635
BIST010	MB031F1001	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	5	15	12.5825	ug/kg	10	ug/kg	N	Y	0.79475462
BIST010	MB031F1004	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	5	15	12.5825	ug/kg	10	ug/kg	N	Y	0.79475462
BIST010	MB031F1006	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	5	15	12.5825	ug/kg	10	ug/kg	N	Y	0.79475462
BIST010	MB031F1009	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	5	15	12.5825	ug/kg	10	ug/kg	N	Y	0.79475462
BIST010	MB031F1013	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	20	5	15	12.5825	ug/kg	10	ug/kg	N	Y	0.79475462
BIST011	LB011F1101	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	11	15	44.63653846	ug/kg	10	ug/kg	N	Y	0.224031709
BIST011	LB011F1103	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	11	15	44.63653846	ug/kg	10	ug/kg	N	Y	0.224031709
BIST011	LB011F1105	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	11	15	44.63653846	ug/kg	10	ug/kg	N	Y	0.224031709
BIST012	LB011F1201	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	29	12	17	42.1637931	ug/kg	10	ug/kg	N	Y	0.237170313

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	Sediment Samples N	Detects	Non-detects	Average	Units	Tissue Sample Result	Units	Detect	Whole Body	BSAF
BIST012	LB011F1202	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	29	12	17	42.1637931	ug/kg	10	ug/kg	N	Y	0.237170313
BIST012	LB011F1204	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	29	12	17	42.1637931	ug/kg	10	ug/kg	N	Y	0.237170313
BIST013	LB011F1301	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	29	12	17	44.49137931	ug/kg	10	ug/kg	N	Y	0.224762643
BIST013	LB011F1302	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	29	12	17	44.49137931	ug/kg	10	ug/kg	N	Y	0.224762643
BIST013	LB011F1305	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	29	12	17	44.49137931	ug/kg	10	ug/kg	N	Y	0.224762643
BIST015	LB031F1502	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	24	6	18	24.56041667	ug/kg	10	ug/kg	N	Y	0.407159216
BIST015	LB031F1504	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	24	6	18	24.56041667	ug/kg	10	ug/kg	N	Y	0.407159216
BIST015	LB031F1506	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	24	6	18	24.56041667	ug/kg	10	ug/kg	N	Y	0.407159216
BIST016	LB031F1601	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	35	17	18	34.05257143	ug/kg	10	ug/kg	N	Y	0.293663579
BIST016	LB031F1602	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	35	17	18	34.05257143	ug/kg	10	ug/kg	N	Y	0.293663579
BIST016	LB031F1610	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	35	17	18	34.05257143	ug/kg	10	ug/kg	N	Y	0.293663579
BIST017	LB031F1702	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	11	4	7	35.47272727	ug/kg	10	ug/kg	N	Y	0.281906715
BIST017	LB031F1703	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	11	4	7	35.47272727	ug/kg	10	ug/kg	N	Y	0.281906715
BIST017	LB031F1704	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	11	4	7	35.47272727	ug/kg	10	ug/kg	N	Y	0.281906715
BIST019	LB061F1901	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	14	12	30.77846154	ug/kg	10	ug/kg	N	Y	0.324902529
BIST019	LB061F1902	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	14	12	30.77846154	ug/kg	10	ug/kg	N	Y	0.324902529
BIST019	LB061F1903	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	14	12	30.77846154	ug/kg	10	ug/kg	N	Y	0.324902529
BIST024	LB131F2402	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	32	14	18	27.768125	ug/kg	10	ug/kg	N	Y	0.360125143
BIST024	LB131F2406	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	32	14	18	27.768125	ug/kg	10	ug/kg	N	Y	0.360125143
BIST024	LB131F2408	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	32	14	18	27.768125	ug/kg	10	ug/kg	N	Y	0.360125143
BIST025	LB131F2501	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	33	16	17	28.57424242	ug/kg	10	ug/kg	N	Y	0.349965534
BIST025	LB131F2502	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	33	16	17	28.57424242	ug/kg	10	ug/kg	N	Y	0.349965534
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Total Chlordane (U=1/2; max ND)	1	33	16	17	28.57424242	ug/kg	10	ug/kg	N	Y	0.349965534
BIST026	LB131F2601	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	34	14	20	52.99705882	ug/kg	10	ug/kg	N	Y	0.188689716
BIST026	LB131F2604	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	34	14	20	52.99705882	ug/kg	10	ug/kg	N	Y	0.188689716
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	9	17	46.31346154	ug/kg	10	ug/kg	N	Y	0.215919944
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	9	17	46.31346154	ug/kg	10	ug/kg	N	Y	0.215919944
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	26	9	17	46.31346154	ug/kg	10	ug/kg	N	Y	0.215919944
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	22	6	16	50.53863636	ug/kg	10	ug/kg	N	Y	0.197868418
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	22	6	16	50.53863636	ug/kg	10	ug/kg	N	Y	0.197868418
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	22	6	16	50.53863636	ug/kg	10	ug/kg	N	Y	0.197868418
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	25	9	16	47.694	ug/kg	10	ug/kg	N	Y	0.209669979
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	25	9	16	47.694	ug/kg	10	ug/kg	N	Y	0.209669979
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total Chlordane (U=1/2; max ND)	1	25	9	16	47.694	ug/kg	10	ug/kg	N	Y	0.209669979
BIST004	UB041F0401	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	1	12	7.461538462	ug/kg	10	ug/kg	N	Y	1.340206186
BIST004	UB041F0404	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	1	12	7.461538462	ug/kg	10	ug/kg	N	Y	1.340206186
BIST004	UB041F0402	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	1	12	7.461538462	ug/kg	10	ug/kg	N	Y	1.340206186
BIST005	UB051F0501	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0502	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0503	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0504	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0505	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0508	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0509	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0510	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0511	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0512	Sailfin molly	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0515	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0516	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	91	ug/kg	Y	Y	11.6162608
BIST005	UB051F0518	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0520	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0523	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176
BIST005	UB051F0525	Sailfin molly	Whole Body	Total DDT (U=1/2; max ND)	1	13	4	9	7.833846154	ug/kg	10	ug/kg	N	Y	1.276512176

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB011F0605	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	14	5	9	9.737142857	ug/kg	10	ug/kg	N	Y	1.026995305
BIST006	MB011F0607	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	14	5	9	9.737142857	ug/kg	10	ug/kg	N	Y	1.026995305
BIST006	MB011F0615	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	14	5	9	9.737142857	ug/kg	10	ug/kg	N	Y	1.026995305
BIST006	MB011F0616	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	14	5	9	9.737142857	ug/kg	10	ug/kg	N	Y	1.026995305
BIST006	MB011F0624	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	14	5	9	9.737142857	ug/kg	10	ug/kg	N	Y	1.026995305
BIST007	MB011F0702	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	12	4	8	8.601666667	ug/kg	10	ug/kg	N	Y	1.162565394
BIST007	MB011F0703	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	12	4	8	8.601666667	ug/kg	10	ug/kg	N	Y	1.162565394
BIST007	MB011F0704	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	12	4	8	8.601666667	ug/kg	10	ug/kg	N	Y	1.162565394
BIST007	MB011F0706	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	12	4	8	8.601666667	ug/kg	10	ug/kg	N	Y	1.162565394
BIST007	MB011F0708	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	12	4	8	8.601666667	ug/kg	10	ug/kg	N	Y	1.162565394
BIST008	MB031F0803	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	6	14	16.726	ug/kg	10	ug/kg	N	Y	0.597871577
BIST008	MB031F0804	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	6	14	16.726	ug/kg	10	ug/kg	N	Y	0.597871577
BIST008	MB031F0805	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	6	14	16.726	ug/kg	10	ug/kg	N	Y	0.597871577
BIST008	MB031F0806	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	6	14	16.726	ug/kg	10	ug/kg	N	Y	0.597871577
BIST008	MB031F0811	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	6	14	16.726	ug/kg	10	ug/kg	N	Y	0.597871577
BIST010	MB031F1001	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	5	15	16.6425	ug/kg	10	ug/kg	N	Y	0.600871263
BIST010	MB031F1004	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	5	15	16.6425	ug/kg	10	ug/kg	N	Y	0.600871263
BIST010	MB031F1006	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	5	15	16.6425	ug/kg	10	ug/kg	N	Y	0.600871263
BIST010	MB031F1009	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	5	15	16.6425	ug/kg	10	ug/kg	N	Y	0.600871263
BIST010	MB031F1013	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	20	5	15	16.6425	ug/kg	10	ug/kg	N	Y	0.600871263
BIST011	LB011F1101	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	27	13	14	62.11296296	ug/kg	10	ug/kg	N	Y	0.160996989
BIST011	LB011F1103	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	27	13	14	62.11296296	ug/kg	10	ug/kg	N	Y	0.160996989
BIST011	LB011F1105	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	27	13	14	62.11296296	ug/kg	10	ug/kg	N	Y	0.160996989
BIST012	LB011F1201	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	30	14	16	59.61433333	ug/kg	10	ug/kg	N	Y	0.167744894
BIST012	LB011F1202	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	30	14	16	59.61433333	ug/kg	10	ug/kg	N	Y	0.167744894
BIST012	LB011F1204	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	30	14	16	59.61433333	ug/kg	10	ug/kg	N	Y	0.167744894
BIST013	LB011F1301	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	30	14	16	62.13433333	ug/kg	10	ug/kg	N	Y	0.160941616
BIST013	LB011F1302	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	30	14	16	62.13433333	ug/kg	10	ug/kg	N	Y	0.160941616
BIST013	LB011F1305	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	30	14	16	62.13433333	ug/kg	10	ug/kg	N	Y	0.160941616
BIST015	LB031F1502	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	24	10	14	43.16166667	ug/kg	10	ug/kg	N	Y	0.231687068
BIST015	LB031F1504	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	24	10	14	43.16166667	ug/kg	10	ug/kg	N	Y	0.231687068
BIST015	LB031F1506	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	24	10	14	43.16166667	ug/kg	10	ug/kg	N	Y	0.231687068
BIST016	LB031F1601	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	35	18	17	50.918	ug/kg	10	ug/kg	N	Y	0.196394202
BIST016	LB031F1602	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	35	18	17	50.918	ug/kg	10	ug/kg	N	Y	0.196394202
BIST016	LB031F1610	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	35	18	17	50.918	ug/kg	10	ug/kg	N	Y	0.196394202
BIST017	LB031F1702	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	11	5	6	64.15454545	ug/kg	10	ug/kg	N	Y	0.155873601
BIST017	LB031F1703	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	11	5	6	64.15454545	ug/kg	10	ug/kg	N	Y	0.155873601
BIST017	LB031F1704	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	11	5	6	64.15454545	ug/kg	10	ug/kg	N	Y	0.155873601
BIST019	LB061F1901	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	26	14	12	41.17038462	ug/kg	10	ug/kg	N	Y	0.242893043
BIST019	LB061F1902	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	26	14	12	41.17038462	ug/kg	10	ug/kg	N	Y	0.242893043
BIST019	LB061F1903	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	26	14	12	41.17038462	ug/kg	10	ug/kg	N	Y	0.242893043
BIST024	LB131F2402	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	32	15	17	36.8328125	ug/kg	10	ug/kg	N	Y	0.271497052
BIST024	LB131F2406	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	32	15	17	36.8328125	ug/kg	10	ug/kg	N	Y	0.271497052
BIST024	LB131F2408	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	32	15	17	36.8328125	ug/kg	10	ug/kg	N	Y	0.271497052
BIST025	LB131F2501	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	33	19	14	40.4130303	ug/kg	10	ug/kg	N	Y	0.247444944
BIST025	LB131F2502	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	33	19	14	40.4130303	ug/kg	10	ug/kg	N	Y	0.247444944
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Total DDT (U=1/2; max ND)	1	33	19	14	40.4130303	ug/kg	10	ug/kg	N	Y	0.247444944
BIST026	LB131F2601	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	34	18	16	65.32441176	ug/kg	10	ug/kg	N	Y	0.153082129
BIST026	LB131F2604	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	34	18	16	65.32441176	ug/kg	10	ug/kg	N	Y	0.153082129
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	27	11	16	64.78259259	ug/kg	10	ug/kg	N	Y	0.154362454
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	27	11	16	64.78259259	ug/kg	10	ug/kg	N	Y	0.154362454
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	27	11	16	64.78259259	ug/kg	10	ug/kg	N	Y	0.154362454
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	22	6	16	63.54454545	ug/kg	10	ug/kg	N	Y	0.157369919
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	22	6	16	63.54454545	ug/kg	10	ug/kg	N	Y	0.157369919

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	22	6	16	63.54454545	ug/kg	10	ug/kg	N	Y	0.157369919
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	25	10	15	67.6352	ug/kg	10	ug/kg	N	Y	0.147852006
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	25	10	15	67.6352	ug/kg	10	ug/kg	N	Y	0.147852006
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total DDT (U=1/2; max ND)	1	25	10	15	67.6352	ug/kg	10	ug/kg	N	Y	0.147852006
BIST004	UB041F0401	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	4	4	0	28.9147	ng/kg	0.5460307	ng/kg	Y	Y	0.01888419
BIST004	UB041F0404	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	4	4	0	28.9147	ng/kg	0.334709	ng/kg	Y	Y	0.011575738
BIST004	UB041F0402	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	4	4	0	28.9147	ng/kg	0.4778237	ng/kg	Y	Y	0.016525286
BIST005	UB051F0508	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	3	3	0	16.97771667	ng/kg	0.49344715	ng/kg	Y	Y	0.0290644
BIST005	UB051F0510	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	3	3	0	16.97771667	ng/kg	0.4217783	ng/kg	Y	Y	0.024843052
BIST005	UB051F0518	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	3	3	0	16.97771667	ng/kg	0.8881259	ng/kg	Y	Y	0.052311269
BIST011	LB011F1101	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	6	6	0	935.8056667	ng/kg	3.3345605	ng/kg	Y	Y	0.003563304
BIST011	LB011F1103	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	6	6	0	935.8056667	ng/kg	3.4729655	ng/kg	Y	Y	0.003711204
BIST011	LB011F1105	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	6	6	0	935.8056667	ng/kg	2.431369	ng/kg	Y	Y	0.002598156
BIST019	LB061F1901	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	7	7	0	225.1613071	ng/kg	2.6621505	ng/kg	Y	Y	0.011823304
BIST019	LB061F1902	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	7	7	0	225.1613071	ng/kg	3.59859	ng/kg	Y	Y	0.015982275
BIST019	LB061F1903	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	7	7	0	225.1613071	ng/kg	3.4682155	ng/kg	Y	Y	0.015403248
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	8	8	0	715.2292	ng/kg	5.319442	ng/kg	Y	Y	0.007437395
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	8	8	0	715.2292	ng/kg	8.707888	ng/kg	Y	Y	0.012174962
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	8	8	0	715.2292	ng/kg	6.498703	ng/kg	Y	Y	0.009086182
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	8	8	0	815.58545	ng/kg	8.343786	ng/kg	Y	Y	0.010230425
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	8	8	0	815.58545	ng/kg	9.8601	ng/kg	Y	Y	0.012089598
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	1	8	8	0	815.58545	ng/kg	7.51357	ng/kg	Y	Y	0.009212487
BIST004	UB041F0401	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	2197.193333	ug/kg	200	ug/kg	N	Y	0.091025217
BIST004	UB041F0404	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	2197.193333	ug/kg	200	ug/kg	N	Y	0.091025217
BIST004	UB041F0402	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	2197.193333	ug/kg	40	ug/kg	N	Y	0.018205043
BIST005	UB051F0501	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	80	ug/kg	N	Y	0.027809122
BIST005	UB051F0502	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	40	ug/kg	N	Y	0.013904561
BIST005	UB051F0503	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	80	ug/kg	N	Y	0.027809122
BIST005	UB051F0504	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	80	ug/kg	N	Y	0.027809122
BIST005	UB051F0505	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	80	ug/kg	N	Y	0.027809122
BIST005	UB051F0508	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	40	ug/kg	N	Y	0.013904561
BIST005	UB051F0509	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	40	ug/kg	N	Y	0.013904561
BIST005	UB051F0510	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	40	ug/kg	N	Y	0.013904561
BIST005	UB051F0511	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	40	ug/kg	N	Y	0.013904561
BIST005	UB051F0512	Sailfin molly	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	160	ug/kg	N	Y	0.055618245
BIST005	UB051F0515	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	200	ug/kg	N	Y	0.069522806
BIST005	UB051F0516	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	80	ug/kg	N	Y	0.027809122
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	40	ug/kg	N	Y	0.013904561
BIST005	UB051F0518	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	40	ug/kg	N	Y	0.013904561
BIST005	UB051F0520	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	80	ug/kg	N	Y	0.027809122
BIST005	UB051F0523	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	80	ug/kg	N	Y	0.027809122
BIST005	UB051F0525	Sailfin molly	Whole Body	Total HPAH (U=1/2; max ND)	1	13	5	8	2876.753846	ug/kg	120	ug/kg	N	Y	0.041713684
BIST006	MB011F0605	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	1500.566667	ug/kg	200	ug/kg	N	Y	0.133282982
BIST006	MB011F0607	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	1500.566667	ug/kg	400	ug/kg	N	Y	0.266565964
BIST006	MB011F0615	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	1500.566667	ug/kg	400	ug/kg	N	Y	0.266565964
BIST006	MB011F0616	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	1500.566667	ug/kg	200	ug/kg	N	Y	0.133282982
BIST006	MB011F0624	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	15	6	9	1500.566667	ug/kg	200	ug/kg	N	Y	0.133282982
BIST007	MB011F0702	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	12	6	6	2327.375	ug/kg	200	ug/kg	N	Y	0.085933724
BIST007	MB011F0703	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	12	6	6	2327.375	ug/kg	200	ug/kg	N	Y	0.085933724
BIST007	MB011F0704	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	12	6	6	2327.375	ug/kg	400	ug/kg	N	Y	0.171867447
BIST007	MB011F0706	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	12	6	6	2327.375	ug/kg	200	ug/kg	N	Y	0.085933724
BIST007	MB011F0708	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	12	6	6	2327.375	ug/kg	200	ug/kg	N	Y	0.085933724
BIST008	MB031F0803	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2260.195	ug/kg	200	ug/kg	N	Y	0.08848794
BIST008	MB031F0804	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2260.195	ug/kg	200	ug/kg	N	Y	0.08848794

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031F0805	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2260.195	ug/kg	200	ug/kg	N	Y	0.08848794
BIST008	MB031F0806	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2260.195	ug/kg	200	ug/kg	N	Y	0.08848794
BIST008	MB031F0811	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2260.195	ug/kg	200	ug/kg	N	Y	0.08848794
BIST010	MB031F1001	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2249.195	ug/kg	200	ug/kg	N	Y	0.088920703
BIST010	MB031F1004	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2249.195	ug/kg	200	ug/kg	N	Y	0.088920703
BIST010	MB031F1006	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2249.195	ug/kg	200	ug/kg	N	Y	0.088920703
BIST010	MB031F1009	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2249.195	ug/kg	200	ug/kg	N	Y	0.088920703
BIST010	MB031F1013	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	20	7	13	2249.195	ug/kg	200	ug/kg	N	Y	0.088920703
BIST011	LB011F1101	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	30	14	16	2621.473333	ug/kg	400	ug/kg	N	Y	0.15258595
BIST011	LB011F1103	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	30	14	16	2621.473333	ug/kg	400	ug/kg	N	Y	0.15258595
BIST011	LB011F1105	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	30	14	16	2621.473333	ug/kg	400	ug/kg	N	Y	0.15258595
BIST012	LB011F1201	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	36	17	19	2357.080556	ug/kg	400	ug/kg	N	Y	0.169701455
BIST012	LB011F1202	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	36	17	19	2357.080556	ug/kg	200	ug/kg	N	Y	0.084850728
BIST012	LB011F1204	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	36	17	19	2357.080556	ug/kg	40	ug/kg	N	Y	0.016970146
BIST013	LB011F1301	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	37	18	19	2299.005405	ug/kg	200	ug/kg	N	Y	0.086994141
BIST013	LB011F1302	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	37	18	19	2299.005405	ug/kg	80	ug/kg	N	Y	0.034797656
BIST013	LB011F1305	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	37	18	19	2299.005405	ug/kg	200	ug/kg	N	Y	0.086994141
BIST015	LB031F1502	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	43	21	22	11675.86047	ug/kg	200	ug/kg	N	Y	0.017129359
BIST015	LB031F1504	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	43	21	22	11675.86047	ug/kg	400	ug/kg	N	Y	0.034258717
BIST015	LB031F1506	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	43	21	22	11675.86047	ug/kg	200	ug/kg	N	Y	0.017129359
BIST016	LB031F1601	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	55	26	29	9662.207273	ug/kg	400	ug/kg	N	Y	0.041398408
BIST016	LB031F1602	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	55	26	29	9662.207273	ug/kg	40	ug/kg	N	Y	0.004139841
BIST016	LB031F1610	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	55	26	29	9662.207273	ug/kg	40	ug/kg	N	Y	0.004139841
BIST017	LB031F1702	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	19	10	9	22901.78947	ug/kg	1000	ug/kg	N	Y	0.04366471
BIST017	LB031F1703	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	19	10	9	22901.78947	ug/kg	120	ug/kg	N	Y	0.005239765
BIST017	LB031F1704	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	19	10	9	22901.78947	ug/kg	80	ug/kg	N	Y	0.003493177
BIST019	LB061F1901	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	42	21	21	2769.628571	ug/kg	40	ug/kg	N	Y	0.01444237
BIST019	LB061F1902	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	42	21	21	2769.628571	ug/kg	400	ug/kg	N	Y	0.144423698
BIST019	LB061F1903	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	42	21	21	2769.628571	ug/kg	40	ug/kg	N	Y	0.01444237
BIST024	LB131F2402	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	50	20	30	2009.888	ug/kg	200	ug/kg	N	Y	0.099508032
BIST024	LB131F2406	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	50	20	30	2009.888	ug/kg	400	ug/kg	N	Y	0.199016065
BIST024	LB131F2408	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	50	20	30	2009.888	ug/kg	400	ug/kg	N	Y	0.199016065
BIST025	LB131F2502	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	51	21	30	3261.423529	ug/kg	400	ug/kg	N	Y	0.122645831
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Total HPAH (U=1/2; max ND)	1	51	21	30	3261.423529	ug/kg	800	ug/kg	N	Y	0.245291663
BIST026	LB131F2601	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	49	23	26	3471.187755	ug/kg	80	ug/kg	N	Y	0.023046866
BIST026	LB131F2604	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	49	23	26	3471.187755	ug/kg	200	ug/kg	N	Y	0.057617166
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	32	16	16	2402.309375	ug/kg	400	ug/kg	N	Y	0.166506448
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	32	16	16	2402.309375	ug/kg	80	ug/kg	N	Y	0.03330129
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	32	16	16	2402.309375	ug/kg	400	ug/kg	N	Y	0.166506448
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	31	17	14	10257.23226	ug/kg	400	ug/kg	N	Y	0.038996875
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	31	17	14	10257.23226	ug/kg	200	ug/kg	N	Y	0.019498437
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	31	17	14	10257.23226	ug/kg	80	ug/kg	N	Y	0.007799375
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	31	16	15	3741.416129	ug/kg	400	ug/kg	N	Y	0.10691139
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	31	16	15	3741.416129	ug/kg	400	ug/kg	N	Y	0.10691139
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total HPAH (U=1/2; max ND)	1	31	16	15	3741.416129	ug/kg	40	ug/kg	N	Y	0.010691139
BIST004	UB041F0401	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	2	13	1721.406667	ug/kg	200	ug/kg	N	Y	0.116184051
BIST004	UB041F0404	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	2	13	1721.406667	ug/kg	200	ug/kg	N	Y	0.116184051
BIST004	UB041F0402	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	2	13	1721.406667	ug/kg	40	ug/kg	N	Y	0.02323681
BIST005	UB051F0501	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	317	ug/kg	Y	Y	0.124273613
BIST005	UB051F0502	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	40	ug/kg	N	Y	0.015681213
BIST005	UB051F0503	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	324	ug/kg	Y	Y	0.127017825
BIST005	UB051F0504	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	306	ug/kg	Y	Y	0.119961279
BIST005	UB051F0505	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	80	ug/kg	N	Y	0.031362426
BIST005	UB051F0508	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	40	ug/kg	N	Y	0.015681213

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB051F0509	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	165	ug/kg	Y	Y	0.064685004
BIST005	UB051F0510	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	177	ug/kg	Y	Y	0.069389368
BIST005	UB051F0511	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	170	ug/kg	Y	Y	0.066645155
BIST005	UB051F0512	Sailfin molly	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	650	ug/kg	Y	Y	0.254819711
BIST005	UB051F0515	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	200	ug/kg	N	Y	0.078406065
BIST005	UB051F0516	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	312	ug/kg	Y	Y	0.122313461
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	40	ug/kg	N	Y	0.015681213
BIST005	UB051F0518	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	166	ug/kg	Y	Y	0.065077034
BIST005	UB051F0520	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	315	ug/kg	Y	Y	0.123489552
BIST005	UB051F0523	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	339	ug/kg	Y	Y	0.13289828
BIST005	UB051F0525	Sailfin molly	Whole Body	Total LPAH (U=1/2; max ND)	1	13	4	9	2550.823077	ug/kg	120	ug/kg	N	Y	0.047043639
BIST006	MB011F0605	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	4	11	912.3266667	ug/kg	200	ug/kg	N	Y	0.219219724
BIST006	MB011F0607	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	4	11	912.3266667	ug/kg	400	ug/kg	N	Y	0.438439448
BIST006	MB011F0615	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	4	11	912.3266667	ug/kg	400	ug/kg	N	Y	0.438439448
BIST006	MB011F0616	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	4	11	912.3266667	ug/kg	200	ug/kg	N	Y	0.219219724
BIST006	MB011F0624	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	15	4	11	912.3266667	ug/kg	200	ug/kg	N	Y	0.219219724
BIST007	MB011F0702	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	12	5	7	1881.241667	ug/kg	200	ug/kg	N	Y	0.106312763
BIST007	MB011F0703	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	12	5	7	1881.241667	ug/kg	200	ug/kg	N	Y	0.106312763
BIST007	MB011F0704	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	12	5	7	1881.241667	ug/kg	200	ug/kg	N	Y	0.106312763
BIST007	MB011F0706	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	12	5	7	1881.241667	ug/kg	200	ug/kg	N	Y	0.106312763
BIST007	MB011F0708	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	12	5	7	1881.241667	ug/kg	200	ug/kg	N	Y	0.106312763
BIST008	MB031F0803	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1136.455	ug/kg	200	ug/kg	N	Y	0.175985851
BIST008	MB031F0804	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1136.455	ug/kg	200	ug/kg	N	Y	0.175985851
BIST008	MB031F0805	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1136.455	ug/kg	200	ug/kg	N	Y	0.175985851
BIST008	MB031F0806	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1136.455	ug/kg	200	ug/kg	N	Y	0.175985851
BIST008	MB031F0811	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1136.455	ug/kg	200	ug/kg	N	Y	0.175985851
BIST010	MB031F1001	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1125.455	ug/kg	200	ug/kg	N	Y	0.177705906
BIST010	MB031F1004	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1125.455	ug/kg	200	ug/kg	N	Y	0.177705906
BIST010	MB031F1006	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1125.455	ug/kg	200	ug/kg	N	Y	0.177705906
BIST010	MB031F1009	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1125.455	ug/kg	200	ug/kg	N	Y	0.177705906
BIST010	MB031F1013	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	20	4	16	1125.455	ug/kg	200	ug/kg	N	Y	0.177705906
BIST011	LB011F1101	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	31	8	23	1312.23871	ug/kg	400	ug/kg	N	Y	0.304822588
BIST011	LB011F1103	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	31	8	23	1312.23871	ug/kg	400	ug/kg	N	Y	0.304822588
BIST011	LB011F1105	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	31	8	23	1312.23871	ug/kg	400	ug/kg	N	Y	0.304822588
BIST012	LB011F1201	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	37	11	26	1324.843243	ug/kg	400	ug/kg	N	Y	0.301922512
BIST012	LB011F1202	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	37	11	26	1324.843243	ug/kg	200	ug/kg	N	Y	0.150961256
BIST012	LB011F1204	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	37	11	26	1324.843243	ug/kg	40	ug/kg	N	Y	0.030192251
BIST013	LB011F1301	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	38	12	26	1197.094737	ug/kg	200	ug/kg	N	Y	0.167071155
BIST013	LB011F1302	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	38	12	26	1197.094737	ug/kg	80	ug/kg	N	Y	0.066828462
BIST013	LB011F1305	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	38	12	26	1197.094737	ug/kg	200	ug/kg	N	Y	0.167071155
BIST015	LB031F1502	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	44	11	33	21668.19318	ug/kg	200	ug/kg	N	Y	0.009230119
BIST015	LB031F1504	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	44	11	33	21668.19318	ug/kg	400	ug/kg	N	Y	0.018460238
BIST015	LB031F1506	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	44	11	33	21668.19318	ug/kg	200	ug/kg	N	Y	0.009230119
BIST016	LB031F1601	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	55	18	37	17838.22	ug/kg	400	ug/kg	N	Y	0.022423762
BIST016	LB031F1602	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	55	18	37	17838.22	ug/kg	40	ug/kg	N	Y	0.002242376
BIST016	LB031F1610	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	55	18	37	17838.22	ug/kg	40	ug/kg	N	Y	0.002242376
BIST017	LB031F1702	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	19	5	14	48192.69474	ug/kg	1000	ug/kg	N	Y	0.020750033
BIST017	LB031F1703	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	19	5	14	48192.69474	ug/kg	120	ug/kg	N	Y	0.002490004
BIST017	LB031F1704	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	19	5	14	48192.69474	ug/kg	80	ug/kg	N	Y	0.001660003
BIST019	LB061F1901	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	42	13	29	1677.402381	ug/kg	40	ug/kg	N	Y	0.023846395
BIST019	LB061F1902	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	42	13	29	1677.402381	ug/kg	400	ug/kg	N	Y	0.238463951
BIST019	LB061F1903	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	42	13	29	1677.402381	ug/kg	40	ug/kg	N	Y	0.023846395
BIST024	LB131F2402	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	50	12	38	1228.938	ug/kg	200	ug/kg	N	Y	0.16274214
BIST024	LB131F2406	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	50	12	38	1228.938	ug/kg	400	ug/kg	N	Y	0.32548428

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST024	LB131F2408	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	50	12	38	1228.938	ug/kg	400	ug/kg	N	Y	0.32548428
BIST025	LB131F2502	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	51	12	39	1695.572549	ug/kg	400	ug/kg	N	Y	0.235908514
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Total LPAH (U=1/2; max ND)	1	51	12	39	1695.572549	ug/kg	800	ug/kg	N	Y	0.471817028
BIST026	LB131F2601	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	50	17	33	1760.378	ug/kg	80	ug/kg	N	Y	0.045444785
BIST026	LB131F2604	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	50	17	33	1760.378	ug/kg	200	ug/kg	N	Y	0.113611963
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	33	11	22	1256.036364	ug/kg	400	ug/kg	N	Y	0.318462117
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	33	11	22	1256.036364	ug/kg	80	ug/kg	N	Y	0.063692423
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	33	11	22	1256.036364	ug/kg	400	ug/kg	N	Y	0.318462117
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	32	11	21	22993.87813	ug/kg	400	ug/kg	N	Y	0.017395935
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	32	11	21	22993.87813	ug/kg	200	ug/kg	N	Y	0.008697967
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	32	11	21	22993.87813	ug/kg	80	ug/kg	N	Y	0.003479187
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	32	10	22	1515.13125	ug/kg	400	ug/kg	N	Y	0.264003531
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	32	10	22	1515.13125	ug/kg	400	ug/kg	N	Y	0.264003531
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total LPAH (U=1/2; max ND)	1	32	10	22	1515.13125	ug/kg	40	ug/kg	N	Y	0.026400353
BIST004	UB041F0401	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	7	8	3307.533333	ug/kg	200	ug/kg	N	Y	0.060468022
BIST004	UB041F0404	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	7	8	3307.533333	ug/kg	200	ug/kg	N	Y	0.060468022
BIST004	UB041F0402	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	7	8	3307.533333	ug/kg	40	ug/kg	N	Y	0.012093604
BIST005	UB051F0501	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	717	ug/kg	Y	Y	0.165563914
BIST005	UB051F0502	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	40	ug/kg	N	Y	0.009236481
BIST005	UB051F0503	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	724	ug/kg	Y	Y	0.167180298
BIST005	UB051F0504	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	706	ug/kg	Y	Y	0.163023882
BIST005	UB051F0505	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	80	ug/kg	N	Y	0.018472961
BIST005	UB051F0508	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	40	ug/kg	N	Y	0.009236481
BIST005	UB051F0509	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	365	ug/kg	Y	Y	0.084282885
BIST005	UB051F0510	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	377	ug/kg	Y	Y	0.087053829
BIST005	UB051F0511	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	370	ug/kg	Y	Y	0.085437445
BIST005	UB051F0512	Sailfin molly	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	1450	ug/kg	Y	Y	0.33482242
BIST005	UB051F0515	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	200	ug/kg	N	Y	0.046182403
BIST005	UB051F0516	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	712	ug/kg	Y	Y	0.164409354
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	40	ug/kg	N	Y	0.009236481
BIST005	UB051F0518	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	366	ug/kg	Y	Y	0.084513797
BIST005	UB051F0520	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	715	ug/kg	Y	Y	0.16510209
BIST005	UB051F0523	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	379	ug/kg	Y	Y	0.087515653
BIST005	UB051F0525	Sailfin molly	Whole Body	Total PAH (U=1/2; max ND)	1	13	5	8	4330.653846	ug/kg	120	ug/kg	N	Y	0.027709442
BIST006	MB011F0605	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	6	9	2328.893333	ug/kg	200	ug/kg	N	Y	0.085877699
BIST006	MB011F0607	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	6	9	2328.893333	ug/kg	400	ug/kg	N	Y	0.171755397
BIST006	MB011F0615	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	6	9	2328.893333	ug/kg	400	ug/kg	N	Y	0.171755397
BIST006	MB011F0616	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	6	9	2328.893333	ug/kg	200	ug/kg	N	Y	0.085877699
BIST006	MB011F0624	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	15	6	9	2328.893333	ug/kg	200	ug/kg	N	Y	0.085877699
BIST007	MB011F0702	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	12	6	6	4001.95	ug/kg	200	ug/kg	N	Y	0.049975637
BIST007	MB011F0703	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	12	6	6	4001.95	ug/kg	200	ug/kg	N	Y	0.049975637
BIST007	MB011F0704	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	12	6	6	4001.95	ug/kg	400	ug/kg	N	Y	0.099951274
BIST007	MB011F0706	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	12	6	6	4001.95	ug/kg	200	ug/kg	N	Y	0.049975637
BIST007	MB011F0708	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	12	6	6	4001.95	ug/kg	200	ug/kg	N	Y	0.049975637
BIST008	MB031F0803	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2948.15	ug/kg	200	ug/kg	N	Y	0.067839153
BIST008	MB031F0804	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2948.15	ug/kg	200	ug/kg	N	Y	0.067839153
BIST008	MB031F0805	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2948.15	ug/kg	200	ug/kg	N	Y	0.067839153
BIST008	MB031F0806	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2948.15	ug/kg	200	ug/kg	N	Y	0.067839153
BIST008	MB031F0811	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2948.15	ug/kg	200	ug/kg	N	Y	0.067839153
BIST010	MB031F1001	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2937.15	ug/kg	200	ug/kg	N	Y	0.06809322
BIST010	MB031F1004	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2937.15	ug/kg	200	ug/kg	N	Y	0.06809322
BIST010	MB031F1006	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2937.15	ug/kg	200	ug/kg	N	Y	0.06809322
BIST010	MB031F1009	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2937.15	ug/kg	200	ug/kg	N	Y	0.06809322
BIST010	MB031F1013	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	20	7	13	2937.15	ug/kg	200	ug/kg	N	Y	0.06809322

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST011	LB011F1101	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	31	14	17	3650.76129	ug/kg	400	ug/kg	N	Y	0.109566189
BIST011	LB011F1103	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	31	14	17	3650.76129	ug/kg	400	ug/kg	N	Y	0.109566189
BIST011	LB011F1105	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	31	14	17	3650.76129	ug/kg	400	ug/kg	N	Y	0.109566189
BIST012	LB011F1201	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	37	17	20	3226.151351	ug/kg	400	ug/kg	N	Y	0.123986743
BIST012	LB011F1202	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	37	17	20	3226.151351	ug/kg	200	ug/kg	N	Y	0.061993372
BIST012	LB011F1204	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	37	17	20	3226.151351	ug/kg	40	ug/kg	N	Y	0.012398674
BIST013	LB011F1301	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	38	18	20	3211.744737	ug/kg	200	ug/kg	N	Y	0.062271449
BIST013	LB011F1302	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	38	18	20	3211.744737	ug/kg	80	ug/kg	N	Y	0.02490858
BIST013	LB011F1305	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	38	18	20	3211.744737	ug/kg	200	ug/kg	N	Y	0.062271449
BIST015	LB031F1502	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	44	23	21	50818.77273	ug/kg	200	ug/kg	N	Y	0.003935554
BIST015	LB031F1504	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	44	23	21	50818.77273	ug/kg	400	ug/kg	N	Y	0.007871107
BIST015	LB031F1506	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	44	23	21	50818.77273	ug/kg	200	ug/kg	N	Y	0.003935554
BIST016	LB031F1601	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	55	28	27	41435.33636	ug/kg	400	ug/kg	N	Y	0.009653596
BIST016	LB031F1602	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	55	28	27	41435.33636	ug/kg	40	ug/kg	N	Y	0.00096536
BIST016	LB031F1610	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	55	28	27	41435.33636	ug/kg	40	ug/kg	N	Y	0.00096536
BIST017	LB031F1702	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	19	12	7	112790.8	ug/kg	1000	ug/kg	N	Y	0.008865971
BIST017	LB031F1703	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	19	12	7	112790.8	ug/kg	120	ug/kg	N	Y	0.001063917
BIST017	LB031F1704	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	19	12	7	112790.8	ug/kg	80	ug/kg	N	Y	0.000709278
BIST019	LB061F1901	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	42	21	21	4124.65	ug/kg	40	ug/kg	N	Y	0.009697793
BIST019	LB061F1902	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	42	21	21	4124.65	ug/kg	400	ug/kg	N	Y	0.096977925
BIST019	LB061F1903	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	42	21	21	4124.65	ug/kg	40	ug/kg	N	Y	0.009697793
BIST024	LB131F2402	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	50	20	30	2942.826	ug/kg	200	ug/kg	N	Y	0.067961884
BIST024	LB131F2406	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	50	20	30	2942.826	ug/kg	400	ug/kg	N	Y	0.135923769
BIST024	LB131F2408	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	50	20	30	2942.826	ug/kg	400	ug/kg	N	Y	0.135923769
BIST025	LB131F2502	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	51	21	30	4874.25098	ug/kg	400	ug/kg	N	Y	0.082063891
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Total PAH (U=1/2; max ND)	1	51	21	30	4874.25098	ug/kg	800	ug/kg	N	Y	0.164127782
BIST026	LB131F2601	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	50	23	27	4888.812	ug/kg	80	ug/kg	N	Y	0.016363894
BIST026	LB131F2604	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	50	23	27	4888.812	ug/kg	200	ug/kg	N	Y	0.040909734
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	33	16	17	3363.230303	ug/kg	400	ug/kg	N	Y	0.118933277
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	33	16	17	3363.230303	ug/kg	80	ug/kg	N	Y	0.023786655
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	33	16	17	3363.230303	ug/kg	400	ug/kg	N	Y	0.118933277
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	32	18	14	55786.61875	ug/kg	400	ug/kg	N	Y	0.007170178
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	32	18	14	55786.61875	ug/kg	200	ug/kg	N	Y	0.003585089
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	32	18	14	55786.61875	ug/kg	80	ug/kg	N	Y	0.001434036
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	32	16	16	5688.4875	ug/kg	400	ug/kg	N	Y	0.070317461
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	32	16	16	5688.4875	ug/kg	400	ug/kg	N	Y	0.070317461
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total PAH (U=1/2; max ND)	1	32	16	16	5688.4875	ug/kg	40	ug/kg	N	Y	0.007031746
BIST004	UB041F0401	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	1	1	0	25674	ng/kg	46.4	ug/kg	Y	Y	0.001807276
BIST004	UB041F0404	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	1	1	0	25674	ng/kg	36.1	ug/kg	Y	Y	0.001406092
BIST004	UB041F0402	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	1	1	0	25674	ng/kg	43.3	ug/kg	Y	Y	0.001686531
BIST005	UB051F0508	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	1	1	0	13172	ng/kg	76.5	ug/kg	Y	Y	0.005807774
BIST005	UB051F0510	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	1	1	0	13172	ng/kg	58.6	ug/kg	Y	Y	0.004448831
BIST005	UB051F0518	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	1	1	0	13172	ng/kg	76.3	ug/kg	Y	Y	0.00579259
BIST011	LB011F1101	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	2	2	0	801	ug/kg	23.2	ug/kg	Y	Y	0.028963795
BIST011	LB011F1101	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	7	7	0	3513878.143	ng/kg	23.2	ug/kg	Y	Y	6.60239E-06
BIST011	LB011F1103	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	2	2	0	801	ug/kg	21.7	ug/kg	Y	Y	0.027091136
BIST011	LB011F1103	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	7	7	0	3513878.143	ng/kg	21.7	ug/kg	Y	Y	6.17551E-06
BIST011	LB011F1105	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	2	2	0	801	ug/kg	15.9	ug/kg	Y	Y	0.019850187
BIST011	LB011F1105	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	7	7	0	3513878.143	ng/kg	15.9	ug/kg	Y	Y	4.52492E-06
BIST019	LB061F1901	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	14	14	0	613092.7143	ng/kg	31.3	ug/kg	Y	Y	5.10526E-05
BIST019	LB061F1902	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	14	14	0	613092.7143	ng/kg	38.1	ug/kg	Y	Y	6.21439E-05
BIST019	LB061F1903	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	14	14	0	613092.7143	ng/kg	39.9	ug/kg	Y	Y	6.50799E-05
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	3	3	0	538.3	ug/kg	30.6	ug/kg	Y	Y	0.056845625
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	10	10	0	2784096.7	ng/kg	30.6	ug/kg	Y	Y	1.0991E-05

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	3	3	0	538.3	ug/kg	27.1	ug/kg	Y	Y	0.050343675
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	10	10	0	2784096.7	ng/kg	27.1	ug/kg	Y	Y	9.73386E-06
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	10	10	0	2784096.7	ng/kg	26	ug/kg	Y	Y	9.33876E-06
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	3	3	0	538.3	ug/kg	26	ug/kg	Y	Y	0.048300204
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	3	3	0	538.3	ug/kg	33.1	ug/kg	Y	Y	0.061489876
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	8	8	0	3475364.375	ng/kg	33.1	ug/kg	Y	Y	9.52418E-06
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	3	3	0	538.3	ug/kg	27.4	ug/kg	Y	Y	0.050900985
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	8	8	0	3475364.375	ng/kg	27.4	ug/kg	Y	Y	7.88407E-06
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	3	3	0	538.3	ug/kg	33.3	ug/kg	Y	Y	0.061861416
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total PCB Cong-209 (U=0, max RL)	1	8	8	0	3475364.375	ng/kg	33.3	ug/kg	Y	Y	9.58173E-06
BIST004	UB041F0401	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	1	1	0	25681.555	ng/kg	46449	ng/kg	Y	Y	1.808652163
BIST004	UB041F0404	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	1	1	0	25681.555	ng/kg	36141.4	ng/kg	Y	Y	1.407290174
BIST004	UB041F0402	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	1	1	0	25681.555	ng/kg	43376.35	ng/kg	Y	Y	1.689007928
BIST005	UB051F0508	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	1	1	0	13179.88	ng/kg	76494.5	ng/kg	Y	Y	5.803884406
BIST005	UB051F0510	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	1	1	0	13179.88	ng/kg	58633.4	ng/kg	Y	Y	4.448705148
BIST005	UB051F0518	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	1	1	0	13179.88	ng/kg	76314.3	ng/kg	Y	Y	5.79021205
BIST011	LB011F1101	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	3	3	0	545249.0667	ng/kg	23200.9	ng/kg	Y	Y	0.042551013
BIST011	LB011F1103	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	3	3	0	545249.0667	ng/kg	21756.2	ng/kg	Y	Y	0.039901398
BIST011	LB011F1105	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	3	3	0	545249.0667	ng/kg	15966.2	ng/kg	Y	Y	0.029282398
BIST019	LB061F1901	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	4	4	0	106687.14	ng/kg	31368.6	ng/kg	Y	Y	0.294024191
BIST019	LB061F1902	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	4	4	0	106687.14	ng/kg	38165.6	ng/kg	Y	Y	0.357733837
BIST019	LB061F1903	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	4	4	0	106687.14	ng/kg	39914.9	ng/kg	Y	Y	0.374130378
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	5	5	0	342598.104	ng/kg	30668.7	ng/kg	Y	Y	0.089518009
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	5	5	0	342598.104	ng/kg	27118.85	ng/kg	Y	Y	0.079156451
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	5	5	0	342598.104	ng/kg	26022.35	ng/kg	Y	Y	0.075955908
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	4	4	0	419890.08	ng/kg	33167.6	ng/kg	Y	Y	0.078991149
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	4	4	0	419890.08	ng/kg	27437.1	ng/kg	Y	Y	0.06534353
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total PCB Congs (U=1/2; max ND)	1	4	4	0	419890.08	ng/kg	33376.4	ng/kg	Y	Y	0.079488422
BIST004	UB041F0401	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	2641.766667	ug/kg	67	ug/kg	Y	Y	0.025361816
BIST004	UB041F0404	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	2641.766667	ug/kg	52	ug/kg	Y	Y	0.019683797
BIST004	UB041F0402	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	2641.766667	ug/kg	49	ug/kg	Y	Y	0.018548194
BIST005	UB051F0501	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	550	ug/kg	Y	Y	0.197443491
BIST005	UB051F0502	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	290	ug/kg	Y	Y	0.104106568
BIST005	UB051F0503	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	820	ug/kg	Y	Y	0.294370296
BIST005	UB051F0504	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	510	ug/kg	Y	Y	0.183083965
BIST005	UB051F0505	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	370	ug/kg	Y	Y	0.132825621
BIST005	UB051F0508	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	370	ug/kg	Y	Y	0.132825621
BIST005	UB051F0509	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	290	ug/kg	Y	Y	0.104106568
BIST005	UB051F0510	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	160	ug/kg	Y	Y	0.057438107
BIST005	UB051F0511	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	77	ug/kg	Y	Y	0.027642089
BIST005	UB051F0512	Sailfin molly	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	400	ug/kg	Y	Y	0.143595266
BIST005	UB051F0515	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	150	ug/kg	Y	Y	0.053848225
BIST005	UB051F0516	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	160	ug/kg	Y	Y	0.057438107
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	650	ug/kg	Y	Y	0.233342308
BIST005	UB051F0518	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	150	ug/kg	Y	Y	0.053848225
BIST005	UB051F0520	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	90	ug/kg	Y	Y	0.032308935
BIST005	UB051F0523	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	230	ug/kg	Y	Y	0.082567278
BIST005	UB051F0525	Sailfin molly	Whole Body	Total PCBs (U=0, max RL)	1	14	12	2	2785.607143	ug/kg	820	ug/kg	Y	Y	0.294370296
BIST006	MB011F0605	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	182.2333333	ug/kg	80	ug/kg	Y	Y	0.438997622
BIST006	MB011F0607	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	182.2333333	ug/kg	148	ug/kg	Y	Y	0.812145601
BIST006	MB011F0615	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	182.2333333	ug/kg	194	ug/kg	Y	Y	1.064569234
BIST006	MB011F0616	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	182.2333333	ug/kg	76	ug/kg	Y	Y	0.417047741
BIST006	MB011F0624	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	15	13	2	182.2333333	ug/kg	96	ug/kg	Y	Y	0.526797147
BIST007	MB011F0702	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	12	11	1	106.9583333	ug/kg	66	ug/kg	Y	Y	0.617062719

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST007	MB011F0703	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	12	11	1	106.9583333	ug/kg	66	ug/kg	Y	Y	0.617062719
BIST007	MB011F0704	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	12	11	1	106.9583333	ug/kg	77	ug/kg	Y	Y	0.719906506
BIST007	MB011F0706	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	12	11	1	106.9583333	ug/kg	83	ug/kg	Y	Y	0.776003116
BIST007	MB011F0708	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	12	11	1	106.9583333	ug/kg	42	ug/kg	Y	Y	0.392676276
BIST008	MB031F0803	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	15	5	217.025	ug/kg	49	ug/kg	Y	Y	0.22578044
BIST008	MB031F0804	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	15	5	217.025	ug/kg	72	ug/kg	Y	Y	0.331759014
BIST008	MB031F0805	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	15	5	217.025	ug/kg	48	ug/kg	Y	Y	0.221172676
BIST008	MB031F0806	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	15	5	217.025	ug/kg	50	ug/kg	Y	Y	0.230388204
BIST008	MB031F0811	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	15	5	217.025	ug/kg	21	ug/kg	Y	Y	0.096763046
BIST010	MB031F1001	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	14	6	214.525	ug/kg	79	ug/kg	Y	Y	0.368255448
BIST010	MB031F1004	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	14	6	214.525	ug/kg	47	ug/kg	Y	Y	0.219088684
BIST010	MB031F1006	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	14	6	214.525	ug/kg	60	ug/kg	Y	Y	0.279687682
BIST010	MB031F1009	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	14	6	214.525	ug/kg	40	ug/kg	Y	Y	0.186458455
BIST010	MB031F1013	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	20	14	6	214.525	ug/kg	39	ug/kg	Y	Y	0.181796993
BIST011	LB011F1101	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	27	10	17	118.4814815	ug/kg	71	ug/kg	Y	Y	0.599249766
BIST011	LB011F1103	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	27	10	17	118.4814815	ug/kg	73	ug/kg	Y	Y	0.616130041
BIST011	LB011F1105	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	27	10	17	118.4814815	ug/kg	80	ug/kg	Y	Y	0.675211003
BIST012	LB011F1201	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	30	9	21	130.0166667	ug/kg	77	ug/kg	Y	Y	0.592231765
BIST012	LB011F1202	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	30	9	21	130.0166667	ug/kg	113	ug/kg	Y	Y	0.869119344
BIST012	LB011F1204	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	30	9	21	130.0166667	ug/kg	77	ug/kg	Y	Y	0.592231765
BIST013	LB011F1301	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	30	9	21	123.9833333	ug/kg	100	ug/kg	Y	Y	0.806560022
BIST013	LB011F1302	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	30	9	21	123.9833333	ug/kg	95	ug/kg	Y	Y	0.76623202
BIST013	LB011F1305	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	30	9	21	123.9833333	ug/kg	75	ug/kg	Y	Y	0.604920016
BIST015	LB031F1502	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	24	3	21	283.0833333	ug/kg	160	ug/kg	Y	Y	0.565204592
BIST015	LB031F1504	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	24	3	21	283.0833333	ug/kg	237	ug/kg	Y	Y	0.837209302
BIST015	LB031F1506	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	24	3	21	283.0833333	ug/kg	119	ug/kg	Y	Y	0.420370916
BIST016	LB031F1601	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	35	5	30	283.1142857	ug/kg	84	ug/kg	Y	Y	0.29669997
BIST016	LB031F1602	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	35	5	30	283.1142857	ug/kg	5	ug/kg	N	Y	0.017660712
BIST016	LB031F1610	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	35	5	30	283.1142857	ug/kg	5	ug/kg	N	Y	0.017660712
BIST017	LB031F1702	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	11	1	10	418.4090909	ug/kg	5	ug/kg	N	Y	0.011950027
BIST017	LB031F1703	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	11	1	10	418.4090909	ug/kg	95	ug/kg	Y	Y	0.227050516
BIST017	LB031F1704	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	11	1	10	418.4090909	ug/kg	5	ug/kg	N	Y	0.011950027
BIST019	LB061F1901	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	26	7	19	201.6730769	ug/kg	5	ug/kg	N	Y	0.0247926
BIST019	LB061F1902	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	26	7	19	201.6730769	ug/kg	101	ug/kg	Y	Y	0.500810527
BIST019	LB061F1903	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	26	7	19	201.6730769	ug/kg	5	ug/kg	N	Y	0.0247926
BIST024	LB131F2402	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	32	12	20	166.40625	ug/kg	125	ug/kg	Y	Y	0.751173709
BIST024	LB131F2406	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	32	12	20	166.40625	ug/kg	74	ug/kg	Y	Y	0.444694836
BIST024	LB131F2408	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	32	12	20	166.40625	ug/kg	179	ug/kg	Y	Y	1.075680751
BIST025	LB131F2501	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	33	10	23	180.8484848	ug/kg	88	ug/kg	Y	Y	0.486595174
BIST025	LB131F2502	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	33	10	23	180.8484848	ug/kg	79	ug/kg	Y	Y	0.436829759
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Total PCBs (U=0, max RL)	1	33	10	23	180.8484848	ug/kg	310	ug/kg	Y	Y	1.714142091
BIST026	LB131F2601	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	34	7	27	144.4852941	ug/kg	156	ug/kg	Y	Y	1.079694656
BIST026	LB131F2604	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	34	7	27	144.4852941	ug/kg	12	ug/kg	Y	Y	0.083053435
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	27	8	19	130.2037037	ug/kg	167	ug/kg	Y	Y	1.282605604
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	27	8	19	130.2037037	ug/kg	48	ug/kg	Y	Y	0.368653108
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	27	8	19	130.2037037	ug/kg	122	ug/kg	Y	Y	0.936993315
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	22	5	17	117.3181818	ug/kg	5	ug/kg	N	Y	0.04261914
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	22	5	17	117.3181818	ug/kg	58	ug/kg	Y	Y	0.494382022
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	22	5	17	117.3181818	ug/kg	5	ug/kg	N	Y	0.04261914
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	25	6	19	127.98	ug/kg	5	ug/kg	N	Y	0.039068604
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	25	6	19	127.98	ug/kg	221	ug/kg	Y	Y	1.726832318
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total PCBs (U=0, max RL)	1	25	6	19	127.98	ug/kg	5	ug/kg	N	Y	0.039068604
BIST004	UB041F0401	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	2851.2	ug/kg	97	ug/kg	Y	Y	0.034020763
BIST004	UB041F0402	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	2851.2	ug/kg	79	ug/kg	Y	Y	0.027707632

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST004	UB041F0404	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	2851.2	ug/kg	82	ug/kg	Y	Y	0.02875982
BIST005	UB051F0501	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	700	ug/kg	Y	Y	0.233017096
BIST005	UB051F0502	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	389	ug/kg	Y	Y	0.129490929
BIST005	UB051F0503	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	919	ug/kg	Y	Y	0.305918159
BIST005	UB051F0504	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	609	ug/kg	Y	Y	0.202724873
BIST005	UB051F0505	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	469	ug/kg	Y	Y	0.156121454
BIST005	UB051F0508	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	469	ug/kg	Y	Y	0.156121454
BIST005	UB051F0509	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	389	ug/kg	Y	Y	0.129490929
BIST005	UB051F0510	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	190	ug/kg	Y	Y	0.063247497
BIST005	UB051F0511	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	107	ug/kg	Y	Y	0.035618328
BIST005	UB051F0512	Sailfin molly	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	499	ug/kg	Y	Y	0.166107901
BIST005	UB051F0515	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	180	ug/kg	Y	Y	0.059918682
BIST005	UB051F0516	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	190	ug/kg	Y	Y	0.063247497
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	749	ug/kg	Y	Y	0.249328293
BIST005	UB051F0518	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	180	ug/kg	Y	Y	0.059918682
BIST005	UB051F0520	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	120	ug/kg	Y	Y	0.039945788
BIST005	UB051F0523	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	329	ug/kg	Y	Y	0.109518035
BIST005	UB051F0525	Sailfin molly	Whole Body	Total PCBs (U=1/2; max ND)	1	14	12	2	3004.071429	ug/kg	919	ug/kg	Y	Y	0.305918159
BIST006	MB011F0605	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	405.1333333	ug/kg	110	ug/kg	Y	Y	0.27151555
BIST006	MB011F0607	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	405.1333333	ug/kg	173	ug/kg	Y	Y	0.427019911
BIST006	MB011F0615	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	405.1333333	ug/kg	219	ug/kg	Y	Y	0.540562778
BIST006	MB011F0616	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	405.1333333	ug/kg	106	ug/kg	Y	Y	0.261642258
BIST006	MB011F0624	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	15	13	2	405.1333333	ug/kg	126	ug/kg	Y	Y	0.311008721
BIST007	MB011F0702	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	12	11	1	311.125	ug/kg	96	ug/kg	Y	Y	0.308557654
BIST007	MB011F0703	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	12	11	1	311.125	ug/kg	96	ug/kg	Y	Y	0.308557654
BIST007	MB011F0704	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	12	11	1	311.125	ug/kg	107	ug/kg	Y	Y	0.343913218
BIST007	MB011F0706	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	12	11	1	311.125	ug/kg	113	ug/kg	Y	Y	0.363198072
BIST007	MB011F0708	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	12	11	1	311.125	ug/kg	72	ug/kg	Y	Y	0.23141824
BIST008	MB031F0803	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	15	5	476.675	ug/kg	79	ug/kg	Y	Y	0.165731368
BIST008	MB031F0804	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	15	5	476.675	ug/kg	102	ug/kg	Y	Y	0.213982273
BIST008	MB031F0805	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	15	5	476.675	ug/kg	78	ug/kg	Y	Y	0.163633503
BIST008	MB031F0806	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	15	5	476.675	ug/kg	80	ug/kg	Y	Y	0.167829234
BIST008	MB031F0811	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	15	5	476.675	ug/kg	51	ug/kg	Y	Y	0.106991137
BIST010	MB031F1001	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	14	6	463.925	ug/kg	109	ug/kg	Y	Y	0.23495177
BIST010	MB031F1004	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	14	6	463.925	ug/kg	77	ug/kg	Y	Y	0.165975104
BIST010	MB031F1006	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	14	6	463.925	ug/kg	90	ug/kg	Y	Y	0.193996874
BIST010	MB031F1009	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	14	6	463.925	ug/kg	70	ug/kg	Y	Y	0.150886458
BIST010	MB031F1013	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	20	14	6	463.925	ug/kg	69	ug/kg	Y	Y	0.148730937
BIST011	LB011F1101	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	27	10	17	326.2037037	ug/kg	96	ug/kg	Y	Y	0.294294635
BIST011	LB011F1103	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	27	10	17	326.2037037	ug/kg	98	ug/kg	Y	Y	0.300425773
BIST011	LB011F1105	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	27	10	17	326.2037037	ug/kg	105	ug/kg	Y	Y	0.321884757
BIST012	LB011F1201	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	30	9	21	323.4833333	ug/kg	102	ug/kg	Y	Y	0.315317636
BIST012	LB011F1202	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	30	9	21	323.4833333	ug/kg	138	ug/kg	Y	Y	0.426606214
BIST012	LB011F1204	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	30	9	21	323.4833333	ug/kg	102	ug/kg	Y	Y	0.315317636
BIST013	LB011F1301	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	30	9	21	318.35	ug/kg	125	ug/kg	Y	Y	0.392649599
BIST013	LB011F1302	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	30	9	21	318.35	ug/kg	120	ug/kg	Y	Y	0.376943616
BIST013	LB011F1305	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	30	9	21	318.35	ug/kg	100	ug/kg	Y	Y	0.31411968
BIST015	LB031F1502	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	24	3	21	602	ug/kg	160	ug/kg	Y	Y	0.265780731
BIST015	LB031F1504	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	24	3	21	602	ug/kg	237	ug/kg	Y	Y	0.393687708
BIST015	LB031F1506	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	24	3	21	602	ug/kg	119	ug/kg	Y	Y	0.197674419
BIST016	LB031F1601	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	35	5	30	584.0142857	ug/kg	109	ug/kg	Y	Y	0.18663927
BIST016	LB031F1602	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	35	5	30	584.0142857	ug/kg	10	ug/kg	N	Y	0.017122869
BIST016	LB031F1610	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	35	5	30	584.0142857	ug/kg	10	ug/kg	N	Y	0.017122869
BIST017	LB031F1702	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	11	1	10	871.3636364	ug/kg	10	ug/kg	N	Y	0.011476265

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST017	LB031F1703	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	11	1	10	871.3636364	ug/kg	120	ug/kg	Y	Y	0.13771518
BIST017	LB031F1704	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	11	1	10	871.3636364	ug/kg	10	ug/kg	N	Y	0.011476265
BIST019	LB061F1901	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	26	7	19	434.2307692	ug/kg	10	ug/kg	N	Y	0.023029229
BIST019	LB061F1902	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	26	7	19	434.2307692	ug/kg	126	ug/kg	Y	Y	0.290168291
BIST019	LB061F1903	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	26	7	19	434.2307692	ug/kg	10	ug/kg	N	Y	0.023029229
BIST024	LB131F2402	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	32	12	20	397.140625	ug/kg	150	ug/kg	Y	Y	0.377699965
BIST024	LB131F2406	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	32	12	20	397.140625	ug/kg	99	ug/kg	Y	Y	0.249281977
BIST024	LB131F2408	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	32	12	20	397.140625	ug/kg	204	ug/kg	Y	Y	0.513671952
BIST025	LB131F2501	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	33	10	23	415.1363636	ug/kg	113	ug/kg	Y	Y	0.272199715
BIST025	LB131F2502	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	33	10	23	415.1363636	ug/kg	104	ug/kg	Y	Y	0.250520092
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Total PCBs (U=1/2; max ND)	1	33	10	23	415.1363636	ug/kg	335	ug/kg	Y	Y	0.806963758
BIST026	LB131F2601	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	34	7	27	316.6323529	ug/kg	156	ug/kg	Y	Y	0.492684966
BIST026	LB131F2604	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	34	7	27	316.6323529	ug/kg	12	ug/kg	Y	Y	0.037898844
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	27	8	19	322.3888889	ug/kg	192	ug/kg	Y	Y	0.595554024
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	27	8	19	322.3888889	ug/kg	73	ug/kg	Y	Y	0.226434603
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	27	8	19	322.3888889	ug/kg	122	ug/kg	Y	Y	0.378424953
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	22	5	17	296.7727273	ug/kg	10	ug/kg	N	Y	0.033695819
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	22	5	17	296.7727273	ug/kg	83	ug/kg	Y	Y	0.279675295
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	22	5	17	296.7727273	ug/kg	10	ug/kg	N	Y	0.033695819
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	25	6	19	326.76	ug/kg	10	ug/kg	N	Y	0.030603501
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	25	6	19	326.76	ug/kg	246	ug/kg	Y	Y	0.752846126
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Total PCBs (U=1/2; max ND)	1	25	6	19	326.76	ug/kg	10	ug/kg	N	Y	0.030603501
BIST004	UB041F0401	Gulf killifish	Whole Body	Zinc	1	14	14	0	147.9071429	mg/kg	31.2	mg/kg	Y	Y	0.210943159
BIST004	UB041F0402	Gulf killifish	Whole Body	Zinc	1	14	14	0	147.9071429	mg/kg	28.1	mg/kg	Y	Y	0.189984063
BIST004	UB041F0404	Gulf killifish	Whole Body	Zinc	1	14	14	0	147.9071429	mg/kg	24.8	mg/kg	Y	Y	0.167672768
BIST005	UB051F0501	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	33.2	mg/kg	Y	Y	0.246234596
BIST005	UB051F0502	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	34	mg/kg	Y	Y	0.25216796
BIST005	UB051F0503	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	31.8	mg/kg	Y	Y	0.235851209
BIST005	UB051F0504	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	35.1	mg/kg	Y	Y	0.260326335
BIST005	UB051F0505	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	29.4	mg/kg	Y	Y	0.218051118
BIST005	UB051F0508	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	33.1	mg/kg	Y	Y	0.245492926
BIST005	UB051F0509	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	26.6	mg/kg	Y	Y	0.197284345
BIST005	UB051F0510	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	33.4	mg/kg	Y	Y	0.247717937
BIST005	UB051F0511	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	37.9	mg/kg	Y	Y	0.281093108
BIST005	UB051F0512	Sailfin molly	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	28.4	mg/kg	Y	Y	0.210634414
BIST005	UB051F0515	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	24.5	mg/kg	Y	Y	0.181709265
BIST005	UB051F0516	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	23.3	mg/kg	Y	Y	0.17280922
BIST005	UB051F0517	Sheepshead minnow	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	23.4	mg/kg	Y	Y	0.17355089
BIST005	UB051F0518	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	30.6	mg/kg	Y	Y	0.226951164
BIST005	UB051F0520	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	24.4	mg/kg	Y	Y	0.180967595
BIST005	UB051F0523	Gulf killifish	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	24.9	mg/kg	Y	Y	0.184675947
BIST005	UB051F0525	Sailfin molly	Whole Body	Zinc	1	13	9	4	134.8307692	mg/kg	19	mg/kg	Y	Y	0.140917389
BIST006	MB011F0605	Gulf killifish	Whole Body	Zinc	1	15	6	9	96.46666667	mg/kg	36.3	mg/kg	Y	Y	0.376295784
BIST006	MB011F0607	Gulf killifish	Whole Body	Zinc	1	15	6	9	96.46666667	mg/kg	26.2	mg/kg	Y	Y	0.271596406
BIST006	MB011F0615	Gulf killifish	Whole Body	Zinc	1	15	6	9	96.46666667	mg/kg	28.1	mg/kg	Y	Y	0.291292329
BIST006	MB011F0616	Gulf killifish	Whole Body	Zinc	1	15	6	9	96.46666667	mg/kg	37.2	mg/kg	Y	Y	0.385625432
BIST006	MB011F0624	Gulf killifish	Whole Body	Zinc	1	15	6	9	96.46666667	mg/kg	35	mg/kg	Y	Y	0.362819627
BIST007	MB011F0702	Gulf killifish	Whole Body	Zinc	1	12	6	6	96.94166667	mg/kg	31.7	mg/kg	Y	Y	0.327000774
BIST007	MB011F0703	Gulf killifish	Whole Body	Zinc	1	12	6	6	96.94166667	mg/kg	35.4	mg/kg	Y	Y	0.365168056
BIST007	MB011F0704	Gulf killifish	Whole Body	Zinc	1	12	6	6	96.94166667	mg/kg	37.7	mg/kg	Y	Y	0.388893665
BIST007	MB011F0706	Gulf killifish	Whole Body	Zinc	1	12	6	6	96.94166667	mg/kg	37.8	mg/kg	Y	Y	0.389925213
BIST007	MB011F0708	Gulf killifish	Whole Body	Zinc	1	12	6	6	96.94166667	mg/kg	40.5	mg/kg	Y	Y	0.417777014
BIST008	MB031F0803	Gulf killifish	Whole Body	Zinc	1	20	14	6	259.85	mg/kg	31.5	mg/kg	Y	Y	0.121223783
BIST008	MB031F0804	Gulf killifish	Whole Body	Zinc	1	20	14	6	259.85	mg/kg	36.1	mg/kg	Y	Y	0.138926304

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								Sediment Samples						Tissue Sample		
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031F0805	Gulf killifish	Whole Body	Zinc	1	20	14	6	259.85	mg/kg	28.8	mg/kg	Y	Y	0.110833173
BIST008	MB031F0806	Gulf killifish	Whole Body	Zinc	1	20	14	6	259.85	mg/kg	39.8	mg/kg	Y	Y	0.153165288
BIST008	MB031F0811	Gulf killifish	Whole Body	Zinc	1	20	14	6	259.85	mg/kg	37.8	mg/kg	Y	Y	0.14546854
BIST010	MB031F1001	Gulf killifish	Whole Body	Zinc	1	20	15	5	276.4	mg/kg	40.9	mg/kg	Y	Y	0.147973951
BIST010	MB031F1004	Gulf killifish	Whole Body	Zinc	1	20	15	5	276.4	mg/kg	188	mg/kg	Y	Y	0.680173661
BIST010	MB031F1006	Gulf killifish	Whole Body	Zinc	1	20	15	5	276.4	mg/kg	44.1	mg/kg	Y	Y	0.159551375
BIST010	MB031F1009	Gulf killifish	Whole Body	Zinc	1	20	15	5	276.4	mg/kg	33.1	mg/kg	Y	Y	0.11975398
BIST010	MB031F1013	Gulf killifish	Whole Body	Zinc	1	20	15	5	276.4	mg/kg	33.5	mg/kg	Y	Y	0.121201158
BIST011	LB011F1101	Gulf killifish	Whole Body	Zinc	1	30	27	3	163.9333333	mg/kg	42.3	mg/kg	Y	Y	0.25803172
BIST011	LB011F1103	Gulf killifish	Whole Body	Zinc	1	30	27	3	163.9333333	mg/kg	40.6	mg/kg	Y	Y	0.247661651
BIST011	LB011F1105	Gulf killifish	Whole Body	Zinc	1	30	27	3	163.9333333	mg/kg	42.1	mg/kg	Y	Y	0.256811712
BIST012	LB011F1201	Gulf killifish	Whole Body	Zinc	1	35	32	3	146.4971429	mg/kg	36.3	mg/kg	Y	Y	0.247786402
BIST012	LB011F1202	Gulf killifish	Whole Body	Zinc	1	35	32	3	146.4971429	mg/kg	38.1	mg/kg	Y	Y	0.260073332
BIST012	LB011F1204	Gulf killifish	Whole Body	Zinc	1	35	32	3	146.4971429	mg/kg	42.1	mg/kg	Y	Y	0.287377618
BIST013	LB011F1301	Gulf killifish	Whole Body	Zinc	1	37	35	2	145.9243243	mg/kg	38.7	mg/kg	Y	Y	0.265205956
BIST013	LB011F1302	Gulf killifish	Whole Body	Zinc	1	37	35	2	145.9243243	mg/kg	40.8	mg/kg	Y	Y	0.279596977
BIST013	LB011F1305	Gulf killifish	Whole Body	Zinc	1	37	35	2	145.9243243	mg/kg	36	mg/kg	Y	Y	0.246703215
BIST015	LB031F1502	Gulf killifish	Whole Body	Zinc	1	40	39	1	174.18	mg/kg	36.1	mg/kg	Y	Y	0.207256861
BIST015	LB031F1504	Gulf killifish	Whole Body	Zinc	1	40	39	1	174.18	mg/kg	31.6	mg/kg	Y	Y	0.181421518
BIST015	LB031F1506	Gulf killifish	Whole Body	Zinc	1	40	39	1	174.18	mg/kg	37.5	mg/kg	Y	Y	0.215294523
BIST016	LB031F1601	Gulf killifish	Whole Body	Zinc	1	51	49	2	161.227451	mg/kg	33.6	mg/kg	Y	Y	0.208401236
BIST016	LB031F1602	Gulf killifish	Whole Body	Zinc	1	51	49	2	161.227451	mg/kg	36	mg/kg	Y	Y	0.223287038
BIST016	LB031F1610	Gulf killifish	Whole Body	Zinc	1	51	49	2	161.227451	mg/kg	37.7	mg/kg	Y	Y	0.233831148
BIST017	LB031F1702	Gulf killifish	Whole Body	Zinc	1	18	17	1	226.9555556	mg/kg	33.8	mg/kg	Y	Y	0.148927837
BIST017	LB031F1703	Gulf killifish	Whole Body	Zinc	1	18	17	1	226.9555556	mg/kg	38.3	mg/kg	Y	Y	0.168755508
BIST017	LB031F1704	Gulf killifish	Whole Body	Zinc	1	18	17	1	226.9555556	mg/kg	35.2	mg/kg	Y	Y	0.155096446
BIST019	LB061F1901	Gulf killifish	Whole Body	Zinc	1	39	38	1	126.5153846	mg/kg	30.5	mg/kg	Y	Y	0.2410774
BIST019	LB061F1902	Gulf killifish	Whole Body	Zinc	1	39	38	1	126.5153846	mg/kg	34.6	mg/kg	Y	Y	0.273484526
BIST019	LB061F1903	Gulf killifish	Whole Body	Zinc	1	39	38	1	126.5153846	mg/kg	29.4	mg/kg	Y	Y	0.232382805
BIST024	LB131F2402	Gulf killifish	Whole Body	Zinc	1	49	48	1	126.1326531	mg/kg	29.8	mg/kg	Y	Y	0.236259202
BIST024	LB131F2406	Gulf killifish	Whole Body	Zinc	1	49	48	1	126.1326531	mg/kg	34.7	mg/kg	Y	Y	0.275107192
BIST024	LB131F2408	Gulf killifish	Whole Body	Zinc	1	49	48	1	126.1326531	mg/kg	37.4	mg/kg	Y	Y	0.296513227
BIST025	LB131F2501	Gulf killifish	Whole Body	Zinc	1	49	48	1	150.6244898	mg/kg	39.4	mg/kg	Y	Y	0.26157765
BIST025	LB131F2502	Gulf killifish	Whole Body	Zinc	1	49	48	1	150.6244898	mg/kg	38	mg/kg	Y	Y	0.252283012
BIST025	LB131F2503	Sheepshead minnow	Whole Body	Zinc	1	49	48	1	150.6244898	mg/kg	38.3	mg/kg	Y	Y	0.25427472
BIST026	LB131F2601	Gulf killifish	Whole Body	Zinc	1	48	47	1	149.5895833	mg/kg	34.4	mg/kg	Y	Y	0.229962536
BIST026	LB131F2604	Gulf killifish	Whole Body	Zinc	1	48	47	1	149.5895833	mg/kg	35.6	mg/kg	Y	Y	0.237984485
BIST027	PPGC1F2705	Gulf killifish	Whole Body	Zinc	1	32	30	2	150.334375	mg/kg	31.9	mg/kg	Y	Y	0.212193652
BIST027	PPGC1F2706	Gulf killifish	Whole Body	Zinc	1	32	30	2	150.334375	mg/kg	32.7	mg/kg	Y	Y	0.217515123
BIST027	PPGC1F2712	Gulf killifish	Whole Body	Zinc	1	32	30	2	150.334375	mg/kg	34.6	mg/kg	Y	Y	0.230153616
BIST028	PPGC1F2802	Gulf killifish	Whole Body	Zinc	1	30	29	1	151.52	mg/kg	26.6	mg/kg	Y	Y	0.175554382
BIST028	PPGC1F2803	Gulf killifish	Whole Body	Zinc	1	30	29	1	151.52	mg/kg	27.7	mg/kg	Y	Y	0.18281415
BIST028	PPGC1F2806	Gulf killifish	Whole Body	Zinc	1	30	29	1	151.52	mg/kg	24.6	mg/kg	Y	Y	0.162354805
BIST029	PPGC1F2903	Gulf killifish	Whole Body	Zinc	1	31	29	2	157.2193548	mg/kg	35.1	mg/kg	Y	Y	0.223254955
BIST029	PPGC1F2904	Gulf killifish	Whole Body	Zinc	1	31	29	2	157.2193548	mg/kg	34.3	mg/kg	Y	Y	0.218166523
BIST029	PPGC1F2905	Gulf killifish	Whole Body	Zinc	1	31	29	2	157.2193548	mg/kg	35.3	mg/kg	Y	Y	0.224527063
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDD	2A	7	7	0	334.1714286	ng/kg	4.71	ng/kg	Y	Y	0.014094562
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDD	2A	40	40	0	387.5525	ng/kg	5.12	ng/kg	Y	Y	0.013211113
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDD	2A	40	40	0	387.5525	ng/kg	5.29	ng/kg	Y	Y	0.013649764
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDD	2A	40	40	0	387.5525	ng/kg	5.04	ng/kg	Y	Y	0.01300469
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDF	2A	7	7	0	263.2571429	ng/kg	92.2	ng/kg	Y	Y	0.350227914
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDF	2A	40	39	1	4644.3385	ng/kg	57	ng/kg	Y	Y	0.012273007
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDF	2A	40	39	1	4644.3385	ng/kg	49.9	ng/kg	Y	Y	0.010744264
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,4,6,7,8-HpCDF	2A	40	39	1	4644.3385	ng/kg	50.3	ng/kg	Y	Y	0.010830391

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,4,7,8,9-HpCDF	2A	7	7	0	19.96571429	ng/kg	1.36	ng/kg	Y	Y	0.068116772
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,4,7,8,9-HpCDF	2A	40	40	0	1078.4995	ng/kg	5.22	ng/kg	Y	Y	0.004840058
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,4,7,8,9-HpCDF	2A	40	40	0	1078.4995	ng/kg	5.33	ng/kg	Y	Y	0.004942051
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,4,7,8,9-HpCDF	2A	40	40	0	1078.4995	ng/kg	6.1	ng/kg	Y	Y	0.005656006
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDD	2A	7	1	6	2.484357143	ng/kg	0.1215	ng/kg	N	Y	0.048906012
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDD	2A	40	30	10	22.0495	ng/kg	0.196	ng/kg	N	Y	0.00888909
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDD	2A	40	30	10	22.0495	ng/kg	0.258	ng/kg	N	Y	0.011700946
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDD	2A	40	30	10	22.0495	ng/kg	0.1875	ng/kg	N	Y	0.008503594
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDF	2A	7	7	0	35.34857143	ng/kg	4.87	ng/kg	Y	Y	0.137770773
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDF	2A	40	38	2	1699.068375	ng/kg	14.7	ng/kg	Y	Y	0.0086518
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDF	2A	40	38	2	1699.068375	ng/kg	17.3	ng/kg	Y	Y	0.010182051
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,4,7,8-HxCDF	2A	40	38	2	1699.068375	ng/kg	15.9	ng/kg	Y	Y	0.00935807
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDD	2A	7	7	0	21.78714286	ng/kg	0.708	ng/kg	Y	Y	0.03249623
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDD	2A	40	34	6	27.62775	ng/kg	0.788	ng/kg	Y	Y	0.028522048
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDD	2A	40	34	6	27.62775	ng/kg	0.869	ng/kg	Y	Y	0.031453882
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDD	2A	40	34	6	27.62775	ng/kg	0.828	ng/kg	Y	Y	0.029969867
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDF	2A	7	7	0	17.67285714	ng/kg	11.9	ng/kg	Y	Y	0.673348961
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDF	2A	40	37	3	505.492375	ng/kg	9.62	ng/kg	Y	Y	0.01903095
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDF	2A	40	37	3	505.492375	ng/kg	10.9	ng/kg	Y	Y	0.021563134
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,6,7,8-HxCDF	2A	40	37	3	505.492375	ng/kg	8.02	ng/kg	Y	Y	0.015865719
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDD	2A	7	7	0	10.90428571	ng/kg	0.121	ng/kg	N	Y	0.011096554
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDD	2A	40	32	8	16.6321375	ng/kg	0.21	ng/kg	N	Y	0.012626158
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDD	2A	40	32	8	16.6321375	ng/kg	0.2695	ng/kg	N	Y	0.01620357
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDD	2A	40	32	8	16.6321375	ng/kg	0.1955	ng/kg	N	Y	0.011754352
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDF	2A	7	1	6	1.277857143	ng/kg	0.231	ng/kg	N	Y	0.180771381
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDF	2A	40	31	9	169.48615	ng/kg	2.56	ng/kg	Y	Y	0.015104479
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDF	2A	40	31	9	169.48615	ng/kg	2.45	ng/kg	Y	Y	0.014455458
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,7,8,9-HxCDF	2A	40	31	9	169.48615	ng/kg	2.56	ng/kg	Y	Y	0.015104479
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDD	2A	7	1	6	1.878357143	ng/kg	0.623	ng/kg	Y	Y	0.331672814
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDD	2A	40	27	13	17.3453125	ng/kg	1.27	ng/kg	Y	Y	0.073218629
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDD	2A	40	27	13	17.3453125	ng/kg	1.45	ng/kg	Y	Y	0.083596072
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDD	2A	40	27	13	17.3453125	ng/kg	0.829	ng/kg	Y	Y	0.047793892
BIST006	MB012F0601	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDF	2A	7	7	0	10.37857143	ng/kg	5.49	ng/kg	Y	Y	0.528974535
BIST015	LB032F1501	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDF	2A	40	38	2	374.037225	ng/kg	18.9	ng/kg	Y	Y	0.05052973
BIST015	LB032F1502	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDF	2A	40	38	2	374.037225	ng/kg	24.9	ng/kg	Y	Y	0.066570914
BIST015	LB032F1505	Gulf menhaden	Whole Body	1,2,3,7,8-PeCDF	2A	40	38	2	374.037225	ng/kg	15.5	ng/kg	Y	Y	0.041439726
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	1,2-Dichlorobenzene	2A	64	0	64	16.7578125	ug/kg	1000	ug/kg	N	Y	59.67365967
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	1,3-Dichlorobenzene	2A	64	20	44	15.9609375	ug/kg	1000	ug/kg	N	Y	62.65296133
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	1,4-Dichlorobenzene	2A	64	13	51	16.34375	ug/kg	1000	ug/kg	N	Y	61.18546845
BIST006	MB012F0601	Gulf menhaden	Whole Body	2,3,4,6,7,8-HxCDF	2A	7	5	2	6.792857143	ng/kg	0.787	ng/kg	Y	Y	0.115856993
BIST015	LB032F1501	Gulf menhaden	Whole Body	2,3,4,6,7,8-HxCDF	2A	40	33	7	231.4742375	ng/kg	2.21	ng/kg	Y	Y	0.009547499
BIST015	LB032F1502	Gulf menhaden	Whole Body	2,3,4,6,7,8-HxCDF	2A	40	33	7	231.4742375	ng/kg	2.46	ng/kg	Y	Y	0.010627533
BIST015	LB032F1505	Gulf menhaden	Whole Body	2,3,4,6,7,8-HxCDF	2A	40	33	7	231.4742375	ng/kg	2.47	ng/kg	Y	Y	0.010670734
BIST006	MB012F0601	Gulf menhaden	Whole Body	2,3,4,7,8-PeCDF	2A	7	7	0	8.875714286	ng/kg	6.22	ng/kg	Y	Y	0.700788669
BIST015	LB032F1501	Gulf menhaden	Whole Body	2,3,4,7,8-PeCDF	2A	40	36	4	291.75005	ng/kg	22.2	ng/kg	Y	Y	0.076092532
BIST015	LB032F1502	Gulf menhaden	Whole Body	2,3,4,7,8-PeCDF	2A	40	36	4	291.75005	ng/kg	30	ng/kg	Y	Y	0.102827746
BIST015	LB032F1505	Gulf menhaden	Whole Body	2,3,4,7,8-PeCDF	2A	40	36	4	291.75005	ng/kg	16.6	ng/kg	Y	Y	0.056898019
BIST006	MB012F0601	Gulf menhaden	Whole Body	2,3,7,8-TCDD	2A	7	1	6	0.551571429	ng/kg	0.302	ng/kg	Y	Y	0.547526548
BIST015	LB032F1501	Gulf menhaden	Whole Body	2,3,7,8-TCDD	2A	40	31	9	6.4320875	ng/kg	0.739	ng/kg	Y	Y	0.114892716
BIST015	LB032F1502	Gulf menhaden	Whole Body	2,3,7,8-TCDD	2A	40	31	9	6.4320875	ng/kg	0.922	ng/kg	Y	Y	0.143343821
BIST015	LB032F1505	Gulf menhaden	Whole Body	2,3,7,8-TCDD	2A	40	31	9	6.4320875	ng/kg	0.471	ng/kg	Y	Y	0.073226616
BIST006	MB012F0601	Gulf menhaden	Whole Body	2,3,7,8-TCDF	2A	7	7	0	15.99857143	ng/kg	6	ng/kg	Y	Y	0.375033485
BIST015	LB032F1501	Gulf menhaden	Whole Body	2,3,7,8-TCDF	2A	40	39	1	221.558475	ng/kg	15.3	ng/kg	Y	Y	0.069056262
BIST015	LB032F1502	Gulf menhaden	Whole Body	2,3,7,8-TCDF	2A	40	39	1	221.558475	ng/kg	21	ng/kg	Y	Y	0.094783104

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB032F1505	Gulf menhaden	Whole Body	2,3,7,8-TCDF	2A	40	39	1	221.558475	ng/kg	13.4	ng/kg	Y	Y	0.060480647
BIST005	UB052F0501	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	32	1	31	677.978125	ug/kg	100	ug/kg	N	Y	0.147497384
BIST006	MB012F0601	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	80	ug/kg	N	Y	0.111137003
BIST006	MB012F0602	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	60	ug/kg	N	Y	0.083352752
BIST006	MB012F0603	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	40	ug/kg	N	Y	0.055568502
BIST006	MB012F0605	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	80	ug/kg	N	Y	0.111137003
BIST006	MB012F0606	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	60	ug/kg	N	Y	0.083352752
BIST006	MB012F0609	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	160	ug/kg	N	Y	0.222274006
BIST006	MB012F0610	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	60	ug/kg	N	Y	0.083352752
BIST006	MB012F0613	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	31	1	30	719.8322581	ug/kg	20	ug/kg	N	Y	0.027784251
BIST015	LB032F1501	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	121	7	114	1550.143802	ug/kg	80	ug/kg	N	Y	0.051608115
BIST015	LB032F1502	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	121	7	114	1550.143802	ug/kg	80	ug/kg	N	Y	0.051608115
BIST015	LB032F1503	Threadfin shad	Whole Body	2-Methylnaphthalene	2A	121	7	114	1550.143802	ug/kg	80	ug/kg	N	Y	0.051608115
BIST015	LB032F1505	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	121	7	114	1550.143802	ug/kg	60	ug/kg	N	Y	0.038706086
BIST015	LB032F1507	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	121	7	114	1550.143802	ug/kg	40	ug/kg	N	Y	0.025804058
BIST025	LB132F2501	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	113	8	105	1624.012389	ug/kg	80	ug/kg	N	Y	0.049260708
BIST025	LB132F2502	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	113	8	105	1624.012389	ug/kg	20	ug/kg	N	Y	0.012315177
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	2-Methylnaphthalene	2A	73	4	69	549.890411	ug/kg	1000	ug/kg	N	Y	1.818544168
BIST005	UB052F0501	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB012F0601	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0602	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0603	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0604	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0605	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0606	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0609	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0610	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB012F0613	Gulf menhaden	Whole Body	4,4'-DDD	2A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST015	LB032F1501	Gulf menhaden	Whole Body	4,4'-DDD	2A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB032F1502	Gulf menhaden	Whole Body	4,4'-DDD	2A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB032F1503	Threadfin shad	Whole Body	4,4'-DDD	2A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB032F1505	Gulf menhaden	Whole Body	4,4'-DDD	2A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB032F1507	Gulf menhaden	Whole Body	4,4'-DDD	2A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST025	LB132F2501	Gulf menhaden	Whole Body	4,4'-DDD	2A	86	25	61	20.64209302	ug/kg	5	ug/kg	N	Y	0.242223499
BIST025	LB132F2502	Gulf menhaden	Whole Body	4,4'-DDD	2A	86	25	61	20.64209302	ug/kg	5	ug/kg	N	Y	0.242223499
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	4,4'-DDD	2A	73	16	57	14.57534247	ug/kg	3	ug/kg	N	Y	0.205827068
BIST005	UB052F0501	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	8	23	3.492580645	ug/kg	5	ug/kg	N	Y	1.43160617
BIST006	MB012F0601	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0602	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0603	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0604	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0605	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0606	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0609	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0610	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB012F0613	Gulf menhaden	Whole Body	4,4'-DDE	2A	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST015	LB032F1501	Gulf menhaden	Whole Body	4,4'-DDE	2A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB032F1502	Gulf menhaden	Whole Body	4,4'-DDE	2A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB032F1503	Threadfin shad	Whole Body	4,4'-DDE	2A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB032F1505	Gulf menhaden	Whole Body	4,4'-DDE	2A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB032F1507	Gulf menhaden	Whole Body	4,4'-DDE	2A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST025	LB132F2501	Gulf menhaden	Whole Body	4,4'-DDE	2A	86	24	62	19.73337209	ug/kg	5	ug/kg	N	Y	0.253377881
BIST025	LB132F2502	Gulf menhaden	Whole Body	4,4'-DDE	2A	86	24	62	19.73337209	ug/kg	5	ug/kg	N	Y	0.253377881
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	4,4'-DDE	2A	74	24	50	14.13945946	ug/kg	2.4	ug/kg	Y	Y	0.169737748

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB052F0501	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB012F0601	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0602	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0603	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0604	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0605	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0606	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0609	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0610	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB012F0613	Gulf menhaden	Whole Body	4,4'-DDT	2A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST015	LB032F1501	Gulf menhaden	Whole Body	4,4'-DDT	2A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB032F1502	Gulf menhaden	Whole Body	4,4'-DDT	2A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB032F1503	Threadfin shad	Whole Body	4,4'-DDT	2A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB032F1505	Gulf menhaden	Whole Body	4,4'-DDT	2A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB032F1507	Gulf menhaden	Whole Body	4,4'-DDT	2A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST025	LB132F2501	Gulf menhaden	Whole Body	4,4'-DDT	2A	85	6	79	12.63235294	ug/kg	5	ug/kg	N	Y	0.39580908
BIST025	LB132F2502	Gulf menhaden	Whole Body	4,4'-DDT	2A	85	6	79	12.63235294	ug/kg	5	ug/kg	N	Y	0.39580908
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	4,4'-DDT	2A	72	6	66	8.170277778	ug/kg	3	ug/kg	N	Y	0.367184578
BIST005	UB052F0501	Gulf menhaden	Whole Body	Acenaphthene	2A	32	2	30	670.884375	ug/kg	100	ug/kg	N	Y	0.149056982
BIST006	MB012F0601	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	80	ug/kg	N	Y	0.112279177
BIST006	MB012F0602	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	60	ug/kg	N	Y	0.084209383
BIST006	MB012F0603	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	40	ug/kg	N	Y	0.056139588
BIST006	MB012F0605	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	80	ug/kg	N	Y	0.112279177
BIST006	MB012F0606	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	60	ug/kg	N	Y	0.084209383
BIST006	MB012F0609	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	160	ug/kg	N	Y	0.224558353
BIST006	MB012F0610	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	60	ug/kg	N	Y	0.084209383
BIST006	MB012F0613	Gulf menhaden	Whole Body	Acenaphthene	2A	31	2	29	712.5096774	ug/kg	20	ug/kg	N	Y	0.028069794
BIST015	LB032F1501	Gulf menhaden	Whole Body	Acenaphthene	2A	118	4	114	1598.95678	ug/kg	80	ug/kg	N	Y	0.050032622
BIST015	LB032F1502	Gulf menhaden	Whole Body	Acenaphthene	2A	118	4	114	1598.95678	ug/kg	80	ug/kg	N	Y	0.050032622
BIST015	LB032F1503	Threadfin shad	Whole Body	Acenaphthene	2A	118	4	114	1598.95678	ug/kg	80	ug/kg	N	Y	0.050032622
BIST015	LB032F1505	Gulf menhaden	Whole Body	Acenaphthene	2A	118	4	114	1598.95678	ug/kg	60	ug/kg	N	Y	0.037524466
BIST015	LB032F1507	Gulf menhaden	Whole Body	Acenaphthene	2A	118	4	114	1598.95678	ug/kg	40	ug/kg	N	Y	0.025016311
BIST025	LB132F2501	Gulf menhaden	Whole Body	Acenaphthene	2A	110	4	106	1681.017273	ug/kg	80	ug/kg	N	Y	0.047590231
BIST025	LB132F2502	Gulf menhaden	Whole Body	Acenaphthene	2A	110	4	106	1681.017273	ug/kg	20	ug/kg	N	Y	0.011897558
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Acenaphthene	2A	70	0	70	566.2142857	ug/kg	1000	ug/kg	N	Y	1.766115807
BIST005	UB052F0501	Gulf menhaden	Whole Body	Acenaphthylene	2A	34	5	29	633.3058824	ug/kg	100	ug/kg	N	Y	0.157901581
BIST006	MB012F0601	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	80	ug/kg	N	Y	0.114005282
BIST006	MB012F0602	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	60	ug/kg	N	Y	0.085503961
BIST006	MB012F0603	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	40	ug/kg	N	Y	0.057002641
BIST006	MB012F0605	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	80	ug/kg	N	Y	0.114005282
BIST006	MB012F0606	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	60	ug/kg	N	Y	0.085503961
BIST006	MB012F0609	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	160	ug/kg	N	Y	0.228010563
BIST006	MB012F0610	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	60	ug/kg	N	Y	0.085503961
BIST006	MB012F0613	Gulf menhaden	Whole Body	Acenaphthylene	2A	32	3	29	701.721875	ug/kg	20	ug/kg	N	Y	0.02850132
BIST015	LB032F1501	Gulf menhaden	Whole Body	Acenaphthylene	2A	129	14	115	1471.754264	ug/kg	80	ug/kg	N	Y	0.0543569
BIST015	LB032F1502	Gulf menhaden	Whole Body	Acenaphthylene	2A	129	14	115	1471.754264	ug/kg	80	ug/kg	N	Y	0.0543569
BIST015	LB032F1503	Threadfin shad	Whole Body	Acenaphthylene	2A	129	14	115	1471.754264	ug/kg	80	ug/kg	N	Y	0.0543569
BIST015	LB032F1505	Gulf menhaden	Whole Body	Acenaphthylene	2A	129	14	115	1471.754264	ug/kg	60	ug/kg	N	Y	0.040767675
BIST015	LB032F1507	Gulf menhaden	Whole Body	Acenaphthylene	2A	129	14	115	1471.754264	ug/kg	40	ug/kg	N	Y	0.02717845
BIST025	LB132F2501	Gulf menhaden	Whole Body	Acenaphthylene	2A	121	14	107	1537.944628	ug/kg	80	ug/kg	N	Y	0.052017477
BIST025	LB132F2502	Gulf menhaden	Whole Body	Acenaphthylene	2A	121	14	107	1537.944628	ug/kg	20	ug/kg	N	Y	0.013004369
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Acenaphthylene	2A	76	8	68	533.6736842	ug/kg	1000	ug/kg	N	Y	1.873804217
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aldrin	2A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aldrin	2A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aldrin	2A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aldrin	2A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB032F1503	Threadfin shad	Whole Body	Aldrin	2A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aldrin	2A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aldrin	2A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aldrin	2A	86	29	57	21.17889535	ug/kg	5	ug/kg	N	Y	0.236084079
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aldrin	2A	86	29	57	21.17889535	ug/kg	5	ug/kg	N	Y	0.236084079
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aldrin	2A	73	23	50	9.877123288	ug/kg	3.6	ug/kg	Y	Y	0.364478593
BIST005	UB052F0501	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.45483871	ug/kg	5	ug/kg	N	Y	2.036793693
BIST006	MB012F0601	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0602	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0603	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0604	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0605	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0606	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0609	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0610	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB012F0613	Gulf menhaden	Whole Body	alpha-Chlordane	2A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST015	LB032F1501	Gulf menhaden	Whole Body	alpha-Chlordane	2A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB032F1502	Gulf menhaden	Whole Body	alpha-Chlordane	2A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB032F1503	Threadfin shad	Whole Body	alpha-Chlordane	2A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB032F1505	Gulf menhaden	Whole Body	alpha-Chlordane	2A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB032F1507	Gulf menhaden	Whole Body	alpha-Chlordane	2A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST025	LB132F2501	Gulf menhaden	Whole Body	alpha-Chlordane	2A	85	19	66	15.14017647	ug/kg	5	ug/kg	N	Y	0.330247141
BIST025	LB132F2502	Gulf menhaden	Whole Body	alpha-Chlordane	2A	85	19	66	15.14017647	ug/kg	5	ug/kg	N	Y	0.330247141
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	alpha-Chlordane	2A	73	10	63	11.60835616	ug/kg	2.3	ug/kg	Y	Y	0.198133135
BIST005	UB052F0501	Gulf menhaden	Whole Body	Anthracene	2A	34	4	30	636.6176471	ug/kg	100	ug/kg	N	Y	0.157080157
BIST006	MB012F0601	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	80	ug/kg	N	Y	0.115100151
BIST006	MB012F0602	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	60	ug/kg	N	Y	0.086325113
BIST006	MB012F0603	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	40	ug/kg	N	Y	0.057550075
BIST006	MB012F0605	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	80	ug/kg	N	Y	0.115100151
BIST006	MB012F0606	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	60	ug/kg	N	Y	0.086325113
BIST006	MB012F0609	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	160	ug/kg	N	Y	0.230200301
BIST006	MB012F0610	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	60	ug/kg	N	Y	0.086325113
BIST006	MB012F0613	Gulf menhaden	Whole Body	Anthracene	2A	32	3	29	695.046875	ug/kg	20	ug/kg	N	Y	0.028775038
BIST015	LB032F1501	Gulf menhaden	Whole Body	Anthracene	2A	124	12	112	1518.473387	ug/kg	80	ug/kg	N	Y	0.052684493
BIST015	LB032F1502	Gulf menhaden	Whole Body	Anthracene	2A	124	12	112	1518.473387	ug/kg	80	ug/kg	N	Y	0.052684493
BIST015	LB032F1503	Threadfin shad	Whole Body	Anthracene	2A	124	12	112	1518.473387	ug/kg	80	ug/kg	N	Y	0.052684493
BIST015	LB032F1505	Gulf menhaden	Whole Body	Anthracene	2A	124	12	112	1518.473387	ug/kg	60	ug/kg	N	Y	0.039513369
BIST015	LB032F1507	Gulf menhaden	Whole Body	Anthracene	2A	124	12	112	1518.473387	ug/kg	40	ug/kg	N	Y	0.026342246
BIST025	LB132F2501	Gulf menhaden	Whole Body	Anthracene	2A	116	12	104	1590.738793	ug/kg	80	ug/kg	N	Y	0.050291098
BIST025	LB132F2502	Gulf menhaden	Whole Body	Anthracene	2A	116	12	104	1590.738793	ug/kg	20	ug/kg	N	Y	0.012572774
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Anthracene	2A	73	4	69	541.1506849	ug/kg	1000	ug/kg	N	Y	1.847914135
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aroclor-1016	2A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aroclor-1016	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aroclor-1016	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aroclor-1016	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1503	Threadfin shad	Whole Body	Aroclor-1016	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aroclor-1016	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aroclor-1016	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aroclor-1016	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aroclor-1016	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aroclor-1016	2A	72	0	72	60.84027778	ug/kg	50	ug/kg	N	Y	0.821823993
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aroclor-1221	2A	33	0	33	74.07575758	ug/kg	5	ug/kg	N	Y	0.067498466
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aroclor-1221	2A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aroclor-1221	2A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aroclor-1221	2A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB032F1503	Threadfin shad	Whole Body	Aroclor-1221	2A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aroclor-1221	2A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aroclor-1221	2A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aroclor-1221	2A	85	0	85	170.2411765	ug/kg	5	ug/kg	N	Y	0.029370098
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aroclor-1221	2A	85	0	85	170.2411765	ug/kg	5	ug/kg	N	Y	0.029370098
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aroclor-1221	2A	72	0	72	120.1319444	ug/kg	50	ug/kg	N	Y	0.416209029
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aroclor-1232	2A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aroclor-1232	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aroclor-1232	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aroclor-1232	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1503	Threadfin shad	Whole Body	Aroclor-1232	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aroclor-1232	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aroclor-1232	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aroclor-1232	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aroclor-1232	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aroclor-1232	2A	72	0	72	60.84027778	ug/kg	50	ug/kg	N	Y	0.821823993
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aroclor-1242	2A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aroclor-1242	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aroclor-1242	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aroclor-1242	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1503	Threadfin shad	Whole Body	Aroclor-1242	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aroclor-1242	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aroclor-1242	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aroclor-1242	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aroclor-1242	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aroclor-1242	2A	72	0	72	60.84027778	ug/kg	50	ug/kg	N	Y	0.821823993
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aroclor-1248	2A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aroclor-1248	2A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aroclor-1248	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aroclor-1248	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1503	Threadfin shad	Whole Body	Aroclor-1248	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aroclor-1248	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aroclor-1248	2A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aroclor-1248	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aroclor-1248	2A	85	0	85	86.99411765	ug/kg	5	ug/kg	N	Y	0.05747515
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aroclor-1248	2A	72	0	72	60.84027778	ug/kg	50	ug/kg	N	Y	0.821823993
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aroclor-1254	2A	34	29	5	1288.955882	ug/kg	5	ug/kg	N	Y	0.003879109
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	5	ug/kg	N	Y	0.00374885
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	58	ug/kg	Y	Y	0.043486658
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	80	ug/kg	Y	Y	0.059981597
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	54	ug/kg	Y	Y	0.040487578
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	59	ug/kg	Y	Y	0.044236427
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	44	ug/kg	Y	Y	0.032989878
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	5	ug/kg	N	Y	0.00374885
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	72	ug/kg	Y	Y	0.053983437
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aroclor-1254	2A	33	29	4	1333.742424	ug/kg	68	ug/kg	Y	Y	0.050984357
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aroclor-1254	2A	88	19	69	99.30113636	ug/kg	65	ug/kg	Y	Y	0.654574584
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aroclor-1254	2A	88	19	69	99.30113636	ug/kg	5	ug/kg	N	Y	0.050351891
BIST015	LB032F1503	Threadfin shad	Whole Body	Aroclor-1254	2A	88	19	69	99.30113636	ug/kg	5	ug/kg	N	Y	0.050351891
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aroclor-1254	2A	88	19	69	99.30113636	ug/kg	59	ug/kg	Y	Y	0.594152314
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aroclor-1254	2A	88	19	69	99.30113636	ug/kg	5	ug/kg	N	Y	0.050351891
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aroclor-1254	2A	86	22	64	101.3069767	ug/kg	61	ug/kg	Y	Y	0.602130297
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aroclor-1254	2A	86	22	64	101.3069767	ug/kg	5	ug/kg	N	Y	0.049354942
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aroclor-1254	2A	74	45	29	143.4662162	ug/kg	50	ug/kg	N	Y	0.348514105
BIST005	UB052F0501	Gulf menhaden	Whole Body	Aroclor-1260	2A	33	2	31	39.65151515	ug/kg	5	ug/kg	N	Y	0.126098586
BIST006	MB012F0601	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST006	MB012F0602	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0603	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST006	MB012F0604	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST006	MB012F0605	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST006	MB012F0606	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST006	MB012F0609	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST006	MB012F0610	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST006	MB012F0613	Gulf menhaden	Whole Body	Aroclor-1260	2A	32	2	30	43.921875	ug/kg	5	ug/kg	N	Y	0.113838492
BIST015	LB032F1501	Gulf menhaden	Whole Body	Aroclor-1260	2A	88	2	86	87.53977273	ug/kg	5	ug/kg	N	Y	0.057116895
BIST015	LB032F1502	Gulf menhaden	Whole Body	Aroclor-1260	2A	88	2	86	87.53977273	ug/kg	5	ug/kg	N	Y	0.057116895
BIST015	LB032F1503	Threadfin shad	Whole Body	Aroclor-1260	2A	88	2	86	87.53977273	ug/kg	5	ug/kg	N	Y	0.057116895
BIST015	LB032F1505	Gulf menhaden	Whole Body	Aroclor-1260	2A	88	2	86	87.53977273	ug/kg	5	ug/kg	N	Y	0.057116895
BIST015	LB032F1507	Gulf menhaden	Whole Body	Aroclor-1260	2A	88	2	86	87.53977273	ug/kg	5	ug/kg	N	Y	0.057116895
BIST025	LB132F2501	Gulf menhaden	Whole Body	Aroclor-1260	2A	85	2	83	88.63529412	ug/kg	5	ug/kg	N	Y	0.056410937
BIST025	LB132F2502	Gulf menhaden	Whole Body	Aroclor-1260	2A	85	2	83	88.63529412	ug/kg	5	ug/kg	N	Y	0.056410937
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Aroclor-1260	2A	72	0	72	60.84027778	ug/kg	50	ug/kg	N	Y	0.821823993
BIST005	UB052F0501	Gulf menhaden	Whole Body	Arsenic	2A	30	28	2	3.269666667	mg/kg	0.28	mg/kg	Y	Y	0.085635641
BIST006	MB012F0601	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.42	mg/kg	Y	Y	0.123893805
BIST006	MB012F0602	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.47	mg/kg	Y	Y	0.138643068
BIST006	MB012F0603	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.54	mg/kg	Y	Y	0.159292035
BIST006	MB012F0604	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.34	mg/kg	Y	Y	0.100294985
BIST006	MB012F0605	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.33	mg/kg	Y	Y	0.097345133
BIST006	MB012F0606	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.46	mg/kg	Y	Y	0.135693215
BIST006	MB012F0609	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.56	mg/kg	Y	Y	0.16519174
BIST006	MB012F0610	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.39	mg/kg	Y	Y	0.115044248
BIST006	MB012F0613	Gulf menhaden	Whole Body	Arsenic	2A	30	30	0	3.39	mg/kg	0.33	mg/kg	Y	Y	0.097345133
BIST015	LB032F1501	Gulf menhaden	Whole Body	Arsenic	2A	111	97	14	3.631081081	mg/kg	0.52	mg/kg	Y	Y	0.143208039
BIST015	LB032F1502	Gulf menhaden	Whole Body	Arsenic	2A	111	97	14	3.631081081	mg/kg	0.4	mg/kg	Y	Y	0.11016003
BIST015	LB032F1503	Threadfin shad	Whole Body	Arsenic	2A	111	97	14	3.631081081	mg/kg	0.41	mg/kg	Y	Y	0.112914031
BIST015	LB032F1505	Gulf menhaden	Whole Body	Arsenic	2A	111	97	14	3.631081081	mg/kg	0.43	mg/kg	Y	Y	0.118422032
BIST015	LB032F1507	Gulf menhaden	Whole Body	Arsenic	2A	111	97	14	3.631081081	mg/kg	0.64	mg/kg	Y	Y	0.176256048
BIST015	LB032F1508	Threadfin shad	Whole Body	Arsenic	2A	111	97	14	3.631081081	mg/kg		mg/kg	N	Y	
BIST025	LB132F2501	Gulf menhaden	Whole Body	Arsenic	2A	102	91	11	3.595637255	mg/kg	0.39	mg/kg	Y	Y	0.108464779
BIST025	LB132F2502	Gulf menhaden	Whole Body	Arsenic	2A	102	91	11	3.595637255	mg/kg	0.5	mg/kg	Y	Y	0.139057409
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Arsenic	2A	69	69	0	3.528985507	mg/kg	0.375	mg/kg	N	Y	0.106262834
BIST005	UB052F0501	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	34	6	28	598.9029412	ug/kg	100	ug/kg	N	Y	0.166971963
BIST006	MB012F0601	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	32	5	27	654.35625	ug/kg	80	ug/kg	N	Y	0.122257562
BIST006	MB012F0602	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	32	5	27	654.35625	ug/kg	60	ug/kg	N	Y	0.091693172
BIST006	MB012F0603	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	32	5	27	654.35625	ug/kg	40	ug/kg	N	Y	0.061128781
BIST006	MB012F0606	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	32	5	27	654.35625	ug/kg	60	ug/kg	N	Y	0.091693172
BIST006	MB012F0609	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	32	5	27	654.35625	ug/kg	160	ug/kg	N	Y	0.244515125
BIST006	MB012F0610	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	32	5	27	654.35625	ug/kg	60	ug/kg	N	Y	0.091693172
BIST006	MB012F0613	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	32	5	27	654.35625	ug/kg	20	ug/kg	N	Y	0.030564391
BIST015	LB032F1501	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	129	25	104	1512.753488	ug/kg	80	ug/kg	N	Y	0.052883699
BIST015	LB032F1503	Threadfin shad	Whole Body	Benzo(a)anthracene	2A	129	25	104	1512.753488	ug/kg	80	ug/kg	N	Y	0.052883699
BIST015	LB032F1505	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	129	25	104	1512.753488	ug/kg	60	ug/kg	N	Y	0.039662774
BIST015	LB032F1507	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	129	25	104	1512.753488	ug/kg	40	ug/kg	N	Y	0.026441849
BIST025	LB132F2501	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	121	24	97	1584.257851	ug/kg	80	ug/kg	N	Y	0.05049683
BIST025	LB132F2502	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	121	24	97	1584.257851	ug/kg	20	ug/kg	N	Y	0.012624208
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Benzo(a)anthracene	2A	75	8	67	540.852	ug/kg	1000	ug/kg	N	Y	1.848934644
BIST005	UB052F0501	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	34	6	28	590.3970588	ug/kg	100	ug/kg	N	Y	0.169377538
BIST006	MB012F0601	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	32	5	27	645.05	ug/kg	80	ug/kg	N	Y	0.124021394
BIST006	MB012F0602	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	32	5	27	645.05	ug/kg	60	ug/kg	N	Y	0.093016045
BIST006	MB012F0603	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	32	5	27	645.05	ug/kg	40	ug/kg	N	Y	0.062010697
BIST006	MB012F0606	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	32	5	27	645.05	ug/kg	60	ug/kg	N	Y	0.093016045

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0609	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	32	5	27	645.05	ug/kg	160	ug/kg	N	Y	0.248042787
BIST006	MB012F0610	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	32	5	27	645.05	ug/kg	60	ug/kg	N	Y	0.093016045
BIST006	MB012F0613	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	32	5	27	645.05	ug/kg	20	ug/kg	N	Y	0.031005348
BIST015	LB032F1501	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	130	22	108	1514.347692	ug/kg	80	ug/kg	N	Y	0.052828026
BIST015	LB032F1503	Threadfin shad	Whole Body	Benzo(a)pyrene	2A	130	22	108	1514.347692	ug/kg	80	ug/kg	N	Y	0.052828026
BIST015	LB032F1505	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	130	22	108	1514.347692	ug/kg	60	ug/kg	N	Y	0.03962102
BIST015	LB032F1507	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	130	22	108	1514.347692	ug/kg	40	ug/kg	N	Y	0.026414013
BIST025	LB132F2501	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	122	20	102	1586.477049	ug/kg	80	ug/kg	N	Y	0.050426194
BIST025	LB132F2502	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	122	20	102	1586.477049	ug/kg	20	ug/kg	N	Y	0.012606549
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Benzo(a)pyrene	2A	76	8	68	537.9407895	ug/kg	1000	ug/kg	N	Y	1.858940648
BIST005	UB052F0501	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	34	5	29	639.9147059	ug/kg	100	ug/kg	N	Y	0.156270827
BIST006	MB012F0601	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	32	4	28	696.503125	ug/kg	80	ug/kg	N	Y	0.114859499
BIST006	MB012F0602	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	32	4	28	696.503125	ug/kg	60	ug/kg	N	Y	0.086144624
BIST006	MB012F0603	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	32	4	28	696.503125	ug/kg	40	ug/kg	N	Y	0.05742975
BIST006	MB012F0606	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	32	4	28	696.503125	ug/kg	60	ug/kg	N	Y	0.086144624
BIST006	MB012F0609	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	32	4	28	696.503125	ug/kg	160	ug/kg	N	Y	0.229718998
BIST006	MB012F0610	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	32	4	28	696.503125	ug/kg	60	ug/kg	N	Y	0.086144624
BIST006	MB012F0613	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	32	4	28	696.503125	ug/kg	20	ug/kg	N	Y	0.028714875
BIST015	LB032F1501	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	131	25	106	1554.393893	ug/kg	80	ug/kg	N	Y	0.051467006
BIST015	LB032F1503	Threadfin shad	Whole Body	Benzo(b)fluoranthene	2A	131	25	106	1554.393893	ug/kg	80	ug/kg	N	Y	0.051467006
BIST015	LB032F1505	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	131	25	106	1554.393893	ug/kg	60	ug/kg	N	Y	0.038600255
BIST015	LB032F1507	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	131	25	106	1554.393893	ug/kg	40	ug/kg	N	Y	0.025733503
BIST025	LB132F2501	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	123	23	100	1630.289431	ug/kg	80	ug/kg	N	Y	0.049071041
BIST025	LB132F2502	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	123	23	100	1630.289431	ug/kg	20	ug/kg	N	Y	0.01226776
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	2A	77	9	68	549.0649351	ug/kg	1000	ug/kg	N	Y	1.821278206
BIST005	UB052F0501	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	34	5	29	629.0852941	ug/kg	100	ug/kg	N	Y	0.158960956
BIST006	MB012F0601	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	32	4	28	686.396875	ug/kg	80	ug/kg	N	Y	0.116550647
BIST006	MB012F0602	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	32	4	28	686.396875	ug/kg	60	ug/kg	N	Y	0.087412985
BIST006	MB012F0603	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	32	4	28	686.396875	ug/kg	40	ug/kg	N	Y	0.058275324
BIST006	MB012F0606	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	32	4	28	686.396875	ug/kg	60	ug/kg	N	Y	0.087412985
BIST006	MB012F0609	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	32	4	28	686.396875	ug/kg	160	ug/kg	N	Y	0.233101294
BIST006	MB012F0610	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	32	4	28	686.396875	ug/kg	60	ug/kg	N	Y	0.087412985
BIST006	MB012F0613	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	32	4	28	686.396875	ug/kg	20	ug/kg	N	Y	0.029137662
BIST015	LB032F1501	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	127	16	111	1532.192913	ug/kg	80	ug/kg	N	Y	0.052212746
BIST015	LB032F1503	Threadfin shad	Whole Body	Benzo(g,h,i)perylene	2A	127	16	111	1532.192913	ug/kg	80	ug/kg	N	Y	0.052212746
BIST015	LB032F1505	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	127	16	111	1532.192913	ug/kg	60	ug/kg	N	Y	0.03915956
BIST015	LB032F1507	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	127	16	111	1532.192913	ug/kg	40	ug/kg	N	Y	0.026106373
BIST025	LB132F2501	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	119	16	103	1602.256303	ug/kg	80	ug/kg	N	Y	0.04992959
BIST025	LB132F2502	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	119	16	103	1602.256303	ug/kg	20	ug/kg	N	Y	0.012482397
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	2A	75	5	70	563.2866667	ug/kg	1000	ug/kg	N	Y	1.775294995
BIST005	UB052F0501	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	34	5	29	630.9882353	ug/kg	100	ug/kg	N	Y	0.15848156
BIST006	MB012F0601	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	32	4	28	689.1625	ug/kg	80	ug/kg	N	Y	0.116082927
BIST006	MB012F0602	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	32	4	28	689.1625	ug/kg	60	ug/kg	N	Y	0.087062195
BIST006	MB012F0603	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	32	4	28	689.1625	ug/kg	40	ug/kg	N	Y	0.058041463
BIST006	MB012F0606	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	32	4	28	689.1625	ug/kg	60	ug/kg	N	Y	0.087062195
BIST006	MB012F0609	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	32	4	28	689.1625	ug/kg	160	ug/kg	N	Y	0.232165853
BIST006	MB012F0610	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	32	4	28	689.1625	ug/kg	60	ug/kg	N	Y	0.087062195
BIST006	MB012F0613	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	32	4	28	689.1625	ug/kg	20	ug/kg	N	Y	0.029020732
BIST015	LB032F1501	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	125	14	111	1555.832	ug/kg	80	ug/kg	N	Y	0.051419433
BIST015	LB032F1503	Threadfin shad	Whole Body	Benzo(k)fluoranthene	2A	125	14	111	1555.832	ug/kg	80	ug/kg	N	Y	0.051419433
BIST015	LB032F1505	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	125	14	111	1555.832	ug/kg	60	ug/kg	N	Y	0.038564575
BIST015	LB032F1507	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	125	14	111	1555.832	ug/kg	40	ug/kg	N	Y	0.025709717
BIST025	LB132F2501	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	117	14	103	1628.709402	ug/kg	80	ug/kg	N	Y	0.049118646
BIST025	LB132F2502	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	117	14	103	1628.709402	ug/kg	20	ug/kg	N	Y	0.012279661

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	2A	74	5	69	537.05	ug/kg	1000	ug/kg	N	Y	1.86202402
BIST005	UB052F0501	Gulf menhaden	Whole Body	beta-BHC	2A	31	2	29	2.940322581	ug/kg	5	ug/kg	N	Y	1.700493692
BIST006	MB012F0601	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0602	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0603	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0604	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0605	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0606	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0609	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0610	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB012F0613	Gulf menhaden	Whole Body	beta-BHC	2A	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST015	LB032F1501	Gulf menhaden	Whole Body	beta-BHC	2A	88	41	47	52.47443182	ug/kg	5	ug/kg	N	Y	0.0952845
BIST015	LB032F1502	Gulf menhaden	Whole Body	beta-BHC	2A	88	41	47	52.47443182	ug/kg	11	ug/kg	Y	Y	0.2096259
BIST015	LB032F1503	Threadfin shad	Whole Body	beta-BHC	2A	88	41	47	52.47443182	ug/kg	33	ug/kg	Y	Y	0.6288777
BIST015	LB032F1505	Gulf menhaden	Whole Body	beta-BHC	2A	88	41	47	52.47443182	ug/kg	5	ug/kg	N	Y	0.0952845
BIST015	LB032F1507	Gulf menhaden	Whole Body	beta-BHC	2A	88	41	47	52.47443182	ug/kg	12	ug/kg	Y	Y	0.2286828
BIST025	LB132F2501	Gulf menhaden	Whole Body	beta-BHC	2A	85	47	38	54.58529412	ug/kg	5	ug/kg	N	Y	0.091599763
BIST025	LB132F2502	Gulf menhaden	Whole Body	beta-BHC	2A	85	47	38	54.58529412	ug/kg	5	ug/kg	N	Y	0.091599763
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	beta-BHC	2A	72	32	40	39.475	ug/kg	3	ug/kg	N	Y	0.075997467
BIST005	UB052F0501	Gulf menhaden	Whole Body	Cadmium	2A	33	6	27	0.264424242	mg/kg	0.01	mg/kg	Y	Y	0.037818015
BIST006	MB012F0601	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.02	mg/kg	Y	Y	0.07158036
BIST006	MB012F0602	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.01	mg/kg	Y	Y	0.03579018
BIST006	MB012F0603	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.02	mg/kg	Y	Y	0.07158036
BIST006	MB012F0604	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.01	mg/kg	Y	Y	0.03579018
BIST006	MB012F0605	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.02	mg/kg	Y	Y	0.07158036
BIST006	MB012F0606	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.02	mg/kg	Y	Y	0.07158036
BIST006	MB012F0609	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.02	mg/kg	Y	Y	0.07158036
BIST006	MB012F0610	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.02	mg/kg	Y	Y	0.07158036
BIST006	MB012F0613	Gulf menhaden	Whole Body	Cadmium	2A	32	2	30	0.27940625	mg/kg	0.01	mg/kg	Y	Y	0.03579018
BIST015	LB032F1501	Gulf menhaden	Whole Body	Cadmium	2A	129	24	105	0.37796124	mg/kg	0.01	mg/kg	Y	Y	0.026457739
BIST015	LB032F1502	Gulf menhaden	Whole Body	Cadmium	2A	129	24	105	0.37796124	mg/kg	0.02	mg/kg	Y	Y	0.052915479
BIST015	LB032F1503	Threadfin shad	Whole Body	Cadmium	2A	129	24	105	0.37796124	mg/kg	0.01	mg/kg	Y	Y	0.026457739
BIST015	LB032F1505	Gulf menhaden	Whole Body	Cadmium	2A	129	24	105	0.37796124	mg/kg	0.03	mg/kg	Y	Y	0.079373218
BIST015	LB032F1507	Gulf menhaden	Whole Body	Cadmium	2A	129	24	105	0.37796124	mg/kg	0.02	mg/kg	Y	Y	0.052915479
BIST015	LB032F1508	Threadfin shad	Whole Body	Cadmium	2A	129	24	105	0.37796124	mg/kg		mg/kg	N	Y	
BIST025	LB132F2501	Gulf menhaden	Whole Body	Cadmium	2A	119	21	98	0.364907563	mg/kg	0.01	mg/kg	Y	Y	0.0274042
BIST025	LB132F2502	Gulf menhaden	Whole Body	Cadmium	2A	119	21	98	0.364907563	mg/kg	0.01	mg/kg	Y	Y	0.0274042
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Cadmium	2A	76	11	65	0.612368421	mg/kg	0.25	mg/kg	N	Y	0.408250967
BIST005	UB052F0501	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	95.83666667	mg/kg	0.9	mg/kg	Y	Y	0.009390978
BIST006	MB012F0601	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	1	mg/kg	Y	Y	0.00892804
BIST006	MB012F0602	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	0.62	mg/kg	Y	Y	0.005535385
BIST006	MB012F0603	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	1.3	mg/kg	Y	Y	0.011606452
BIST006	MB012F0604	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	0.94	mg/kg	Y	Y	0.008392358
BIST006	MB012F0605	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	1.1	mg/kg	Y	Y	0.009820844
BIST006	MB012F0606	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	1.4	mg/kg	Y	Y	0.012499256
BIST006	MB012F0609	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	1.4	mg/kg	Y	Y	0.012499256
BIST006	MB012F0610	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	1.4	mg/kg	Y	Y	0.012499256
BIST006	MB012F0613	Gulf menhaden	Whole Body	Chromium	2A	30	30	0	112.0066667	mg/kg	0.75	mg/kg	Y	Y	0.00669603
BIST015	LB032F1501	Gulf menhaden	Whole Body	Chromium	2A	111	111	0	53.42162162	mg/kg	0.81	mg/kg	Y	Y	0.0151624
BIST015	LB032F1502	Gulf menhaden	Whole Body	Chromium	2A	111	111	0	53.42162162	mg/kg	0.88	mg/kg	Y	Y	0.016472731
BIST015	LB032F1503	Threadfin shad	Whole Body	Chromium	2A	111	111	0	53.42162162	mg/kg	0.4	mg/kg	Y	Y	0.007487605
BIST015	LB032F1505	Gulf menhaden	Whole Body	Chromium	2A	111	111	0	53.42162162	mg/kg	1.1	mg/kg	Y	Y	0.020590914
BIST015	LB032F1507	Gulf menhaden	Whole Body	Chromium	2A	111	111	0	53.42162162	mg/kg	1	mg/kg	Y	Y	0.018719012
BIST015	LB032F1508	Threadfin shad	Whole Body	Chromium	2A	111	111	0	53.42162162	mg/kg		mg/kg	N	Y	

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST025	LB132F2501	Gulf menhaden	Whole Body	Chromium	2A	102	102	0	57.95	mg/kg	0.61	mg/kg	Y	Y	0.010526316
BIST025	LB132F2502	Gulf menhaden	Whole Body	Chromium	2A	102	102	0	57.95	mg/kg	0.54	mg/kg	Y	Y	0.009318378
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Chromium	2A	69	69	0	136.0115942	mg/kg	0.92	mg/kg	Y	Y	0.006764129
BIST005	UB052F0501	Gulf menhaden	Whole Body	Chrysene	2A	34	7	27	614.9617647	ug/kg	100	ug/kg	N	Y	0.162611736
BIST006	MB012F0601	Gulf menhaden	Whole Body	Chrysene	2A	32	5	27	673.559375	ug/kg	80	ug/kg	N	Y	0.118772009
BIST006	MB012F0602	Gulf menhaden	Whole Body	Chrysene	2A	32	5	27	673.559375	ug/kg	60	ug/kg	N	Y	0.089079007
BIST006	MB012F0603	Gulf menhaden	Whole Body	Chrysene	2A	32	5	27	673.559375	ug/kg	40	ug/kg	N	Y	0.059386004
BIST006	MB012F0606	Gulf menhaden	Whole Body	Chrysene	2A	32	5	27	673.559375	ug/kg	60	ug/kg	N	Y	0.089079007
BIST006	MB012F0609	Gulf menhaden	Whole Body	Chrysene	2A	32	5	27	673.559375	ug/kg	160	ug/kg	N	Y	0.237544018
BIST006	MB012F0610	Gulf menhaden	Whole Body	Chrysene	2A	32	5	27	673.559375	ug/kg	60	ug/kg	N	Y	0.089079007
BIST006	MB012F0613	Gulf menhaden	Whole Body	Chrysene	2A	32	5	27	673.559375	ug/kg	20	ug/kg	N	Y	0.029693002
BIST015	LB032F1501	Gulf menhaden	Whole Body	Chrysene	2A	133	37	96	1543.412782	ug/kg	80	ug/kg	N	Y	0.051833185
BIST015	LB032F1503	Threadfin shad	Whole Body	Chrysene	2A	133	37	96	1543.412782	ug/kg	80	ug/kg	N	Y	0.051833185
BIST015	LB032F1505	Gulf menhaden	Whole Body	Chrysene	2A	133	37	96	1543.412782	ug/kg	60	ug/kg	N	Y	0.038874889
BIST015	LB032F1507	Gulf menhaden	Whole Body	Chrysene	2A	133	37	96	1543.412782	ug/kg	40	ug/kg	N	Y	0.025916592
BIST025	LB132F2501	Gulf menhaden	Whole Body	Chrysene	2A	125	34	91	1617.1912	ug/kg	80	ug/kg	N	Y	0.049468486
BIST025	LB132F2502	Gulf menhaden	Whole Body	Chrysene	2A	125	34	91	1617.1912	ug/kg	20	ug/kg	N	Y	0.012367121
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Chrysene	2A	77	12	65	569.2597403	ug/kg	1000	ug/kg	N	Y	1.756667351
BIST005	UB052F0501	Gulf menhaden	Whole Body	Copper	2A	33	33	0	40.75363636	mg/kg	1.5	mg/kg	Y	Y	0.036806531
BIST006	MB012F0601	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	1.9	mg/kg	Y	Y	0.038720689
BIST006	MB012F0602	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	1.3	mg/kg	Y	Y	0.026493103
BIST006	MB012F0603	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	2	mg/kg	Y	Y	0.04075862
BIST006	MB012F0604	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	1.8	mg/kg	Y	Y	0.036682758
BIST006	MB012F0605	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	1.8	mg/kg	Y	Y	0.036682758
BIST006	MB012F0606	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	2.2	mg/kg	Y	Y	0.044834482
BIST006	MB012F0609	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	1.9	mg/kg	Y	Y	0.038720689
BIST006	MB012F0610	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	1.9	mg/kg	Y	Y	0.038720689
BIST006	MB012F0613	Gulf menhaden	Whole Body	Copper	2A	32	31	1	49.069375	mg/kg	1.3	mg/kg	Y	Y	0.026493103
BIST015	LB032F1501	Gulf menhaden	Whole Body	Copper	2A	132	132	0	130.744697	mg/kg	1.5	mg/kg	Y	Y	0.011472741
BIST015	LB032F1502	Gulf menhaden	Whole Body	Copper	2A	132	132	0	130.744697	mg/kg	3.4	mg/kg	Y	Y	0.026004879
BIST015	LB032F1503	Threadfin shad	Whole Body	Copper	2A	132	132	0	130.744697	mg/kg	3.6	mg/kg	Y	Y	0.027534578
BIST015	LB032F1505	Gulf menhaden	Whole Body	Copper	2A	132	132	0	130.744697	mg/kg	4.4	mg/kg	Y	Y	0.033653373
BIST015	LB032F1507	Gulf menhaden	Whole Body	Copper	2A	132	132	0	130.744697	mg/kg	3.5	mg/kg	Y	Y	0.026769728
BIST015	LB032F1508	Threadfin shad	Whole Body	Copper	2A	132	132	0	130.744697	mg/kg		mg/kg	N	Y	
BIST025	LB132F2501	Gulf menhaden	Whole Body	Copper	2A	122	121	1	131.1110656	mg/kg	2.1	mg/kg	Y	Y	0.016016955
BIST025	LB132F2502	Gulf menhaden	Whole Body	Copper	2A	122	121	1	131.1110656	mg/kg	1.5	mg/kg	Y	Y	0.011440682
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Copper	2A	77	76	1	135.0188312	mg/kg	3.3	mg/kg	Y	Y	0.024441035
BIST005	UB052F0501	Gulf menhaden	Whole Body	delta-BHC	2A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB012F0601	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0602	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0603	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0604	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0605	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0606	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0609	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0610	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB012F0613	Gulf menhaden	Whole Body	delta-BHC	2A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST015	LB032F1501	Gulf menhaden	Whole Body	delta-BHC	2A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB032F1502	Gulf menhaden	Whole Body	delta-BHC	2A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB032F1503	Threadfin shad	Whole Body	delta-BHC	2A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB032F1505	Gulf menhaden	Whole Body	delta-BHC	2A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB032F1507	Gulf menhaden	Whole Body	delta-BHC	2A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST025	LB132F2501	Gulf menhaden	Whole Body	delta-BHC	2A	85	30	55	10.60447059	ug/kg	5	ug/kg	N	Y	0.471499257
BIST025	LB132F2502	Gulf menhaden	Whole Body	delta-BHC	2A	85	30	55	10.60447059	ug/kg	5	ug/kg	N	Y	0.471499257

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	delta-BHC	2A	72	14	58	5.466944444	ug/kg	3	ug/kg	N	Y	0.548752604
BIST005	UB052F0501	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	33	2	31	658.2090909	ug/kg	100	ug/kg	N	Y	0.151927406
BIST006	MB012F0601	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	31	1	30	720.1	ug/kg	80	ug/kg	N	Y	0.111095681
BIST006	MB012F0602	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	31	1	30	720.1	ug/kg	60	ug/kg	N	Y	0.083321761
BIST006	MB012F0603	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	31	1	30	720.1	ug/kg	40	ug/kg	N	Y	0.055547841
BIST006	MB012F0606	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	31	1	30	720.1	ug/kg	60	ug/kg	N	Y	0.083321761
BIST006	MB012F0609	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	31	1	30	720.1	ug/kg	160	ug/kg	N	Y	0.222191362
BIST006	MB012F0610	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	31	1	30	720.1	ug/kg	60	ug/kg	N	Y	0.083321761
BIST006	MB012F0613	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	31	1	30	720.1	ug/kg	20	ug/kg	N	Y	0.02777392
BIST015	LB032F1501	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	124	9	115	1555.406452	ug/kg	80	ug/kg	N	Y	0.051433501
BIST015	LB032F1503	Threadfin shad	Whole Body	Dibenzo(a,h)anthracene	2A	124	9	115	1555.406452	ug/kg	80	ug/kg	N	Y	0.051433501
BIST015	LB032F1505	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	124	9	115	1555.406452	ug/kg	60	ug/kg	N	Y	0.038575126
BIST015	LB032F1507	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	124	9	115	1555.406452	ug/kg	40	ug/kg	N	Y	0.025716751
BIST025	LB132F2501	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	116	9	107	1628.882759	ug/kg	80	ug/kg	N	Y	0.049113418
BIST025	LB132F2502	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	116	9	107	1628.882759	ug/kg	20	ug/kg	N	Y	0.012278355
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	2A	74	4	70	545.3743243	ug/kg	1000	ug/kg	N	Y	1.833603005
BIST005	UB052F0501	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB012F0601	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0602	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0603	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0604	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0605	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0606	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0609	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0610	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0613	Gulf menhaden	Whole Body	Endosulfan I	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB032F1501	Gulf menhaden	Whole Body	Endosulfan I	2A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB032F1502	Gulf menhaden	Whole Body	Endosulfan I	2A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB032F1503	Threadfin shad	Whole Body	Endosulfan I	2A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB032F1505	Gulf menhaden	Whole Body	Endosulfan I	2A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB032F1507	Gulf menhaden	Whole Body	Endosulfan I	2A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST025	LB132F2501	Gulf menhaden	Whole Body	Endosulfan I	2A	85	7	78	14.55	ug/kg	5	ug/kg	N	Y	0.343642612
BIST025	LB132F2502	Gulf menhaden	Whole Body	Endosulfan I	2A	85	7	78	14.55	ug/kg	5	ug/kg	N	Y	0.343642612
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Endosulfan I	2A	72	2	70	11.09319444	ug/kg	3	ug/kg	N	Y	0.270436078
BIST005	UB052F0501	Gulf menhaden	Whole Body	Endosulfan II	2A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB012F0601	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0602	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0603	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0604	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0605	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0606	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0609	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0610	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB012F0613	Gulf menhaden	Whole Body	Endosulfan II	2A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST015	LB032F1501	Gulf menhaden	Whole Body	Endosulfan II	2A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB032F1502	Gulf menhaden	Whole Body	Endosulfan II	2A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB032F1503	Threadfin shad	Whole Body	Endosulfan II	2A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB032F1505	Gulf menhaden	Whole Body	Endosulfan II	2A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB032F1507	Gulf menhaden	Whole Body	Endosulfan II	2A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST025	LB132F2501	Gulf menhaden	Whole Body	Endosulfan II	2A	85	11	74	15.85176471	ug/kg	5	ug/kg	N	Y	0.315422295
BIST025	LB132F2502	Gulf menhaden	Whole Body	Endosulfan II	2A	85	11	74	15.85176471	ug/kg	5	ug/kg	N	Y	0.315422295
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Endosulfan II	2A	72	6	66	8.266666667	ug/kg	3	ug/kg	N	Y	0.362903226
BIST005	UB052F0501	Gulf menhaden	Whole Body	Endrin	2A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB012F0601	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0602	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB012F0603	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB012F0604	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB012F0605	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB012F0606	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB012F0609	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB012F0610	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB012F0613	Gulf menhaden	Whole Body	Endrin	2A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST015	LB032F1501	Gulf menhaden	Whole Body	Endrin	2A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB032F1502	Gulf menhaden	Whole Body	Endrin	2A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB032F1503	Threadfin shad	Whole Body	Endrin	2A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB032F1505	Gulf menhaden	Whole Body	Endrin	2A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB032F1507	Gulf menhaden	Whole Body	Endrin	2A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST025	LB132F2501	Gulf menhaden	Whole Body	Endrin	2A	85	18	67	18.26388235	ug/kg	5	ug/kg	N	Y	0.273764357
BIST025	LB132F2502	Gulf menhaden	Whole Body	Endrin	2A	85	18	67	18.26388235	ug/kg	5	ug/kg	N	Y	0.273764357
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Endrin	2A	72	12	60	13.67083333	ug/kg	3	ug/kg	N	Y	0.219445291
BIST005	UB052F0501	Gulf menhaden	Whole Body	Fluoranthene	2A	34	9	25	653.4735294	ug/kg	100	ug/kg	N	Y	0.153028387
BIST006	MB012F0601	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	80	ug/kg	N	Y	0.112270853
BIST006	MB012F0602	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	60	ug/kg	N	Y	0.08420314
BIST006	MB012F0603	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	40	ug/kg	N	Y	0.056135427
BIST006	MB012F0605	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	80	ug/kg	N	Y	0.112270853
BIST006	MB012F0606	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	60	ug/kg	N	Y	0.08420314
BIST006	MB012F0609	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	160	ug/kg	N	Y	0.224541707
BIST006	MB012F0610	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	60	ug/kg	N	Y	0.08420314
BIST006	MB012F0613	Gulf menhaden	Whole Body	Fluoranthene	2A	32	6	26	712.5625	ug/kg	20	ug/kg	N	Y	0.028067713
BIST015	LB032F1501	Gulf menhaden	Whole Body	Fluoranthene	2A	132	28	104	1623.686364	ug/kg	80	ug/kg	N	Y	0.049270599
BIST015	LB032F1502	Gulf menhaden	Whole Body	Fluoranthene	2A	132	28	104	1623.686364	ug/kg	80	ug/kg	N	Y	0.049270599
BIST015	LB032F1503	Threadfin shad	Whole Body	Fluoranthene	2A	132	28	104	1623.686364	ug/kg	80	ug/kg	N	Y	0.049270599
BIST015	LB032F1505	Gulf menhaden	Whole Body	Fluoranthene	2A	132	28	104	1623.686364	ug/kg	60	ug/kg	N	Y	0.036952949
BIST015	LB032F1507	Gulf menhaden	Whole Body	Fluoranthene	2A	132	28	104	1623.686364	ug/kg	40	ug/kg	N	Y	0.0246353
BIST025	LB132F2502	Gulf menhaden	Whole Body	Fluoranthene	2A	124	27	97	1701.141935	ug/kg	20	ug/kg	N	Y	0.011756809
BIST025	LB132F2501	Gulf menhaden	Whole Body	Fluoranthene	2A	124	27	97	1701.141935	ug/kg	80	ug/kg	N	Y	0.047027234
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Fluoranthene	2A	77	11	66	533.0142857	ug/kg	1000	ug/kg	N	Y	1.876122323
BIST005	UB052F0501	Gulf menhaden	Whole Body	Fluorene	2A	33	3	30	651.2606061	ug/kg	100	ug/kg	N	Y	0.153548363
BIST006	MB012F0601	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	80	ug/kg	N	Y	0.112213133
BIST006	MB012F0602	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	60	ug/kg	N	Y	0.084159849
BIST006	MB012F0603	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	40	ug/kg	N	Y	0.056106566
BIST006	MB012F0605	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	80	ug/kg	N	Y	0.112213133
BIST006	MB012F0606	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	60	ug/kg	N	Y	0.084159849
BIST006	MB012F0609	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	160	ug/kg	N	Y	0.224426265
BIST006	MB012F0610	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	60	ug/kg	N	Y	0.084159849
BIST006	MB012F0613	Gulf menhaden	Whole Body	Fluorene	2A	31	2	29	712.9290323	ug/kg	20	ug/kg	N	Y	0.028053283
BIST015	LB032F1501	Gulf menhaden	Whole Body	Fluorene	2A	119	6	113	1687.677311	ug/kg	80	ug/kg	N	Y	0.047402427
BIST015	LB032F1502	Gulf menhaden	Whole Body	Fluorene	2A	119	6	113	1687.677311	ug/kg	80	ug/kg	N	Y	0.047402427
BIST015	LB032F1503	Threadfin shad	Whole Body	Fluorene	2A	119	6	113	1687.677311	ug/kg	80	ug/kg	N	Y	0.047402427
BIST015	LB032F1505	Gulf menhaden	Whole Body	Fluorene	2A	119	6	113	1687.677311	ug/kg	60	ug/kg	N	Y	0.03555182
BIST015	LB032F1507	Gulf menhaden	Whole Body	Fluorene	2A	119	6	113	1687.677311	ug/kg	40	ug/kg	N	Y	0.023701213
BIST025	LB132F2502	Gulf menhaden	Whole Body	Fluorene	2A	111	6	105	1775.392793	ug/kg	20	ug/kg	N	Y	0.011265113
BIST025	LB132F2501	Gulf menhaden	Whole Body	Fluorene	2A	111	6	105	1775.392793	ug/kg	80	ug/kg	N	Y	0.045060451
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Fluorene	2A	71	1	70	559.2	ug/kg	1000	ug/kg	N	Y	1.788268956
BIST005	UB052F0501	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB012F0601	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0602	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0603	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0604	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0605	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0606	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0609	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0610	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0613	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB032F1501	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB032F1502	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB032F1503	Threadfin shad	Whole Body	gamma-BHC (Lindane)	2A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB032F1505	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB032F1507	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST025	LB132F2502	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	85	12	73	8.810588235	ug/kg	5	ug/kg	N	Y	0.567498999
BIST025	LB132F2501	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	85	12	73	8.810588235	ug/kg	5	ug/kg	N	Y	0.567498999
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	2A	72	7	65	4.938888889	ug/kg	3	ug/kg	N	Y	0.607424072
BIST005	UB052F0501	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	3	28	2.471612903	ug/kg	5	ug/kg	N	Y	2.022970504
BIST006	MB012F0601	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0602	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0603	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0604	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0605	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0606	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0609	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0610	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB012F0613	Gulf menhaden	Whole Body	gamma-Chlordane	2A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST015	LB032F1501	Gulf menhaden	Whole Body	gamma-Chlordane	2A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST015	LB032F1502	Gulf menhaden	Whole Body	gamma-Chlordane	2A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST015	LB032F1503	Threadfin shad	Whole Body	gamma-Chlordane	2A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST015	LB032F1505	Gulf menhaden	Whole Body	gamma-Chlordane	2A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST015	LB032F1507	Gulf menhaden	Whole Body	gamma-Chlordane	2A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST025	LB132F2502	Gulf menhaden	Whole Body	gamma-Chlordane	2A	85	25	60	16.23694118	ug/kg	5	ug/kg	N	Y	0.307939774
BIST025	LB132F2501	Gulf menhaden	Whole Body	gamma-Chlordane	2A	85	25	60	16.23694118	ug/kg	5	ug/kg	N	Y	0.307939774
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	gamma-Chlordane	2A	72	13	59	9.585	ug/kg	3	ug/kg	N	Y	0.312989045
BIST005	UB052F0501	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB012F0601	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0602	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0603	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0604	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0605	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0606	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0609	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0610	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB012F0613	Gulf menhaden	Whole Body	Heptachlor	2A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB032F1501	Gulf menhaden	Whole Body	Heptachlor	2A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB032F1502	Gulf menhaden	Whole Body	Heptachlor	2A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB032F1503	Threadfin shad	Whole Body	Heptachlor	2A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB032F1505	Gulf menhaden	Whole Body	Heptachlor	2A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB032F1507	Gulf menhaden	Whole Body	Heptachlor	2A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST025	LB132F2502	Gulf menhaden	Whole Body	Heptachlor	2A	85	11	74	14.96647059	ug/kg	5	ug/kg	N	Y	0.334080101
BIST025	LB132F2501	Gulf menhaden	Whole Body	Heptachlor	2A	85	11	74	14.96647059	ug/kg	5	ug/kg	N	Y	0.334080101
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Heptachlor	2A	72	2	70	6.854166667	ug/kg	4.8	ug/kg	Y	Y	0.700303951
BIST005	UB052F0501	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB012F0601	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB012F0602	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB012F0603	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0604	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB012F0605	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB012F0606	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB012F0609	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB012F0610	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB012F0613	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST015	LB032F1501	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB032F1502	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB032F1503	Threadfin shad	Whole Body	Heptachlor Epoxide	2A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB032F1505	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB032F1507	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST025	LB132F2502	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	85	5	80	14.34823529	ug/kg	5	ug/kg	N	Y	0.34847491
BIST025	LB132F2501	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	85	5	80	14.34823529	ug/kg	5	ug/kg	N	Y	0.34847491
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Heptachlor Epoxide	2A	72	3	69	11.30194444	ug/kg	11	ug/kg	N	Y	0.97328385
BIST005	UB052F0501	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	34	0	34	640.4411765	ug/kg	100	ug/kg	N	Y	0.156142365
BIST006	MB012F0601	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	80	ug/kg	N	Y	0.114482481
BIST006	MB012F0602	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0603	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	40	ug/kg	N	Y	0.057241241
BIST006	MB012F0605	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	80	ug/kg	N	Y	0.114482481
BIST006	MB012F0606	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0609	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	160	ug/kg	N	Y	0.228964962
BIST006	MB012F0610	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0613	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	32	0	32	698.796875	ug/kg	20	ug/kg	N	Y	0.02862062
BIST015	LB032F1501	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	139	15	124	1385.320144	ug/kg	80	ug/kg	N	Y	0.057748384
BIST015	LB032F1502	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	139	15	124	1385.320144	ug/kg	80	ug/kg	N	Y	0.057748384
BIST015	LB032F1503	Threadfin shad	Whole Body	Hexachloro-1,3-butadiene	2A	139	15	124	1385.320144	ug/kg	80	ug/kg	N	Y	0.057748384
BIST015	LB032F1505	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	139	15	124	1385.320144	ug/kg	60	ug/kg	N	Y	0.043311288
BIST015	LB032F1507	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	139	15	124	1385.320144	ug/kg	40	ug/kg	N	Y	0.028874192
BIST025	LB132F2502	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	130	14	116	1453.496154	ug/kg	20	ug/kg	N	Y	0.013759926
BIST025	LB132F2501	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	130	14	116	1453.496154	ug/kg	80	ug/kg	N	Y	0.055039705
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	2A	78	5	73	520.0192308	ug/kg	1000	ug/kg	N	Y	1.923005806
BIST005	UB052F0501	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	34	0	34	640.4411765	ug/kg	100	ug/kg	N	Y	0.156142365
BIST006	MB012F0601	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	80	ug/kg	N	Y	0.114482481
BIST006	MB012F0602	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0603	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	40	ug/kg	N	Y	0.057241241
BIST006	MB012F0605	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	80	ug/kg	N	Y	0.114482481
BIST006	MB012F0606	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0609	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	160	ug/kg	N	Y	0.228964962
BIST006	MB012F0610	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0613	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	32	0	32	698.796875	ug/kg	20	ug/kg	N	Y	0.02862062
BIST015	LB032F1501	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	136	23	113	1709.819853	ug/kg	80	ug/kg	N	Y	0.046788555
BIST015	LB032F1502	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	136	23	113	1709.819853	ug/kg	80	ug/kg	N	Y	0.046788555
BIST015	LB032F1503	Threadfin shad	Whole Body	Hexachlorobenzene	2A	136	23	113	1709.819853	ug/kg	80	ug/kg	N	Y	0.046788555
BIST015	LB032F1505	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	136	23	113	1709.819853	ug/kg	60	ug/kg	N	Y	0.035091416
BIST015	LB032F1507	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	136	23	113	1709.819853	ug/kg	40	ug/kg	N	Y	0.023394277
BIST025	LB132F2502	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	127	21	106	1798.665354	ug/kg	20	ug/kg	N	Y	0.011119356
BIST025	LB132F2501	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	127	21	106	1798.665354	ug/kg	80	ug/kg	N	Y	0.044477423
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Hexachlorobenzene	2A	78	7	71	615.0833333	ug/kg	1000	ug/kg	N	Y	1.625795963
BIST005	UB052F0501	Gulf menhaden	Whole Body	Hexachloroethane	2A	34	0	34	640.4411765	ug/kg	100	ug/kg	N	Y	0.156142365
BIST006	MB012F0601	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	80	ug/kg	N	Y	0.114482481
BIST006	MB012F0602	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0603	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	40	ug/kg	N	Y	0.057241241
BIST006	MB012F0605	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	80	ug/kg	N	Y	0.114482481
BIST006	MB012F0606	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0609	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	160	ug/kg	N	Y	0.228964962
BIST006	MB012F0610	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	60	ug/kg	N	Y	0.085861861
BIST006	MB012F0613	Gulf menhaden	Whole Body	Hexachloroethane	2A	32	0	32	698.796875	ug/kg	20	ug/kg	N	Y	0.02862062
BIST015	LB032F1501	Gulf menhaden	Whole Body	Hexachloroethane	2A	136	0	136	1392.599265	ug/kg	80	ug/kg	N	Y	0.057446533
BIST015	LB032F1502	Gulf menhaden	Whole Body	Hexachloroethane	2A	136	0	136	1392.599265	ug/kg	80	ug/kg	N	Y	0.057446533
BIST015	LB032F1503	Threadfin shad	Whole Body	Hexachloroethane	2A	136	0	136	1392.599265	ug/kg	80	ug/kg	N	Y	0.057446533
BIST015	LB032F1505	Gulf menhaden	Whole Body	Hexachloroethane	2A	136	0	136	1392.599265	ug/kg	60	ug/kg	N	Y	0.0430849
BIST015	LB032F1507	Gulf menhaden	Whole Body	Hexachloroethane	2A	136	0	136	1392.599265	ug/kg	40	ug/kg	N	Y	0.028723267
BIST025	LB132F2502	Gulf menhaden	Whole Body	Hexachloroethane	2A	127	0	127	1459.476378	ug/kg	20	ug/kg	N	Y	0.013703545
BIST025	LB132F2501	Gulf menhaden	Whole Body	Hexachloroethane	2A	127	0	127	1459.476378	ug/kg	80	ug/kg	N	Y	0.054814179
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Hexachloroethane	2A	78	0	78	515.1474359	ug/kg	1000	ug/kg	N	Y	1.941191842
BIST005	UB052F0501	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	33	4	29	646.9818182	ug/kg	100	ug/kg	N	Y	0.154563849
BIST006	MB012F0601	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	31	3	28	707.4354839	ug/kg	80	ug/kg	N	Y	0.113084517
BIST006	MB012F0602	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	31	3	28	707.4354839	ug/kg	60	ug/kg	N	Y	0.084813388
BIST006	MB012F0603	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	31	3	28	707.4354839	ug/kg	40	ug/kg	N	Y	0.056542258
BIST006	MB012F0606	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	31	3	28	707.4354839	ug/kg	60	ug/kg	N	Y	0.084813388
BIST006	MB012F0609	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	31	3	28	707.4354839	ug/kg	160	ug/kg	N	Y	0.226169034
BIST006	MB012F0610	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	31	3	28	707.4354839	ug/kg	60	ug/kg	N	Y	0.084813388
BIST006	MB012F0613	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	31	3	28	707.4354839	ug/kg	20	ug/kg	N	Y	0.028271129
BIST015	LB032F1501	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	127	16	111	1525.573228	ug/kg	80	ug/kg	N	Y	0.052439305
BIST015	LB032F1503	Threadfin shad	Whole Body	Indeno(1,2,3-cd)pyrene	2A	127	16	111	1525.573228	ug/kg	80	ug/kg	N	Y	0.052439305
BIST015	LB032F1505	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	127	16	111	1525.573228	ug/kg	60	ug/kg	N	Y	0.039329479
BIST015	LB032F1507	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	127	16	111	1525.573228	ug/kg	40	ug/kg	N	Y	0.026219653
BIST025	LB132F2502	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	119	16	103	1595.191597	ug/kg	20	ug/kg	N	Y	0.012537679
BIST025	LB132F2501	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	119	16	103	1595.191597	ug/kg	80	ug/kg	N	Y	0.050150716
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	2A	74	5	69	543.0135135	ug/kg	1000	ug/kg	N	Y	1.841574795
BIST005	UB052F0501	Gulf menhaden	Whole Body	Lead	2A	33	33	0	30.71666667	mg/kg	0.74	mg/kg	Y	Y	0.024091156
BIST006	MB012F0601	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.75	mg/kg	Y	Y	0.0226661
BIST006	MB012F0602	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.44	mg/kg	Y	Y	0.013297445
BIST006	MB012F0603	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.76	mg/kg	Y	Y	0.022968315
BIST006	MB012F0604	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.49	mg/kg	Y	Y	0.014808519
BIST006	MB012F0605	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.65	mg/kg	Y	Y	0.019643953
BIST006	MB012F0606	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.78	mg/kg	Y	Y	0.023572744
BIST006	MB012F0609	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.71	mg/kg	Y	Y	0.021457241
BIST006	MB012F0610	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.74	mg/kg	Y	Y	0.022363885
BIST006	MB012F0613	Gulf menhaden	Whole Body	Lead	2A	32	31	1	33.0890625	mg/kg	0.48	mg/kg	Y	Y	0.014506304
BIST015	LB032F1501	Gulf menhaden	Whole Body	Lead	2A	132	128	4	100.1208333	mg/kg	0.68	mg/kg	Y	Y	0.006791793
BIST015	LB032F1502	Gulf menhaden	Whole Body	Lead	2A	132	128	4	100.1208333	mg/kg	1.3	mg/kg	Y	Y	0.012984311
BIST015	LB032F1503	Threadfin shad	Whole Body	Lead	2A	132	128	4	100.1208333	mg/kg	0.7	mg/kg	Y	Y	0.006991552
BIST015	LB032F1505	Gulf menhaden	Whole Body	Lead	2A	132	128	4	100.1208333	mg/kg	1.4	mg/kg	Y	Y	0.013983104
BIST015	LB032F1507	Gulf menhaden	Whole Body	Lead	2A	132	128	4	100.1208333	mg/kg	1.7	mg/kg	Y	Y	0.016979483
BIST015	LB032F1508	Threadfin shad	Whole Body	Lead	2A	132	128	4	100.1208333	mg/kg		mg/kg	N	Y	
BIST025	LB132F2502	Gulf menhaden	Whole Body	Lead	2A	122	115	7	81.9942623	mg/kg	0.48	mg/kg	Y	Y	0.005854068
BIST025	LB132F2501	Gulf menhaden	Whole Body	Lead	2A	122	115	7	81.9942623	mg/kg	0.97	mg/kg	Y	Y	0.011830096
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Lead	2A	77	66	11	63.68571429	mg/kg	1.5	mg/kg	Y	Y	0.023553163
BIST005	UB052F0501	Gulf menhaden	Whole Body	Mercury	2A	33	29	4	0.250621212	mg/kg	0.092	mg/kg	Y	Y	0.367087842
BIST006	MB012F0601	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.066	mg/kg	Y	Y	0.192933095
BIST006	MB012F0602	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.071	mg/kg	Y	Y	0.207549238
BIST006	MB012F0603	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.052	mg/kg	Y	Y	0.152007893
BIST006	MB012F0604	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.056	mg/kg	Y	Y	0.163700808
BIST006	MB012F0605	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.074	mg/kg	Y	Y	0.216318924
BIST006	MB012F0606	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.062	mg/kg	Y	Y	0.18124018
BIST006	MB012F0609	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.065	mg/kg	Y	Y	0.190009866
BIST006	MB012F0610	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.108	mg/kg	Y	Y	0.3157087

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0613	Gulf menhaden	Whole Body	Mercury	2A	32	28	4	0.3420875	mg/kg	0.066	mg/kg	Y	Y	0.192933095
BIST015	LB032F1501	Gulf menhaden	Whole Body	Mercury	2A	132	115	17	3.080484848	mg/kg	0.207	mg/kg	Y	Y	0.067197214
BIST015	LB032F1502	Gulf menhaden	Whole Body	Mercury	2A	132	115	17	3.080484848	mg/kg	0.243	mg/kg	Y	Y	0.078883686
BIST015	LB032F1503	Threadfin shad	Whole Body	Mercury	2A	132	115	17	3.080484848	mg/kg	0.148	mg/kg	Y	Y	0.048044385
BIST015	LB032F1505	Gulf menhaden	Whole Body	Mercury	2A	132	115	17	3.080484848	mg/kg	0.226	mg/kg	Y	Y	0.073365074
BIST015	LB032F1507	Gulf menhaden	Whole Body	Mercury	2A	132	115	17	3.080484848	mg/kg	0.275	mg/kg	Y	Y	0.089271661
BIST015	LB032F1508	Threadfin shad	Whole Body	Mercury	2A	132	115	17	3.080484848	mg/kg		mg/kg	N	Y	
BIST025	LB132F2502	Gulf menhaden	Whole Body	Mercury	2A	122	109	13	3.127737705	mg/kg	0.06	mg/kg	Y	Y	0.019183194
BIST025	LB132F2501	Gulf menhaden	Whole Body	Mercury	2A	122	109	13	3.127737705	mg/kg	0.173	mg/kg	Y	Y	0.055311543
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Mercury	2A	77	75	2	3.220103896	mg/kg	0.099	mg/kg	Y	Y	0.03074435
BIST005	UB052F0501	Gulf menhaden	Whole Body	Methoxychlor	2A	31	0	31	19.09677419	ug/kg	5	ug/kg	N	Y	0.261824324
BIST006	MB012F0601	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0602	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0603	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0604	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0605	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0606	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0609	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0610	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB012F0613	Gulf menhaden	Whole Body	Methoxychlor	2A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST015	LB032F1501	Gulf menhaden	Whole Body	Methoxychlor	2A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB032F1502	Gulf menhaden	Whole Body	Methoxychlor	2A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB032F1503	Threadfin shad	Whole Body	Methoxychlor	2A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB032F1505	Gulf menhaden	Whole Body	Methoxychlor	2A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB032F1507	Gulf menhaden	Whole Body	Methoxychlor	2A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST025	LB132F2502	Gulf menhaden	Whole Body	Methoxychlor	2A	85	3	82	44.74288235	ug/kg	5	ug/kg	N	Y	0.111749618
BIST025	LB132F2501	Gulf menhaden	Whole Body	Methoxychlor	2A	85	3	82	44.74288235	ug/kg	5	ug/kg	N	Y	0.111749618
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Methoxychlor	2A	72	3	69	31.33888889	ug/kg	5.5	ug/kg	N	Y	0.175500798
BIST005	UB052F0501	Gulf menhaden	Whole Body	Nickel	2A	33	33	0	13.38575758	mg/kg	0.24	mg/kg	Y	Y	0.017929504
BIST006	MB012F0601	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.26	mg/kg	Y	Y	0.018053988
BIST006	MB012F0602	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.19	mg/kg	Y	Y	0.013193299
BIST006	MB012F0603	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.28	mg/kg	Y	Y	0.019442757
BIST006	MB012F0604	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.28	mg/kg	Y	Y	0.019442757
BIST006	MB012F0605	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.32	mg/kg	Y	Y	0.022220293
BIST006	MB012F0606	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.36	mg/kg	Y	Y	0.02499783
BIST006	MB012F0609	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.34	mg/kg	Y	Y	0.023609062
BIST006	MB012F0610	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.33	mg/kg	Y	Y	0.022914678
BIST006	MB012F0613	Gulf menhaden	Whole Body	Nickel	2A	32	32	0	14.40125	mg/kg	0.19	mg/kg	Y	Y	0.013193299
BIST015	LB032F1501	Gulf menhaden	Whole Body	Nickel	2A	132	131	1	24.89909091	mg/kg	0.44	mg/kg	Y	Y	0.017671328
BIST015	LB032F1502	Gulf menhaden	Whole Body	Nickel	2A	132	131	1	24.89909091	mg/kg	0.4	mg/kg	Y	Y	0.016064844
BIST015	LB032F1503	Threadfin shad	Whole Body	Nickel	2A	132	131	1	24.89909091	mg/kg	0.18	mg/kg	Y	Y	0.00722918
BIST015	LB032F1505	Gulf menhaden	Whole Body	Nickel	2A	132	131	1	24.89909091	mg/kg	0.5	mg/kg	Y	Y	0.020081054
BIST015	LB032F1507	Gulf menhaden	Whole Body	Nickel	2A	132	131	1	24.89909091	mg/kg	0.44	mg/kg	Y	Y	0.017671328
BIST015	LB032F1508	Threadfin shad	Whole Body	Nickel	2A	132	131	1	24.89909091	mg/kg		mg/kg	N	Y	
BIST025	LB132F2502	Gulf menhaden	Whole Body	Nickel	2A	122	119	3	24.94491803	mg/kg	0.17	mg/kg	Y	Y	0.006815015
BIST025	LB132F2501	Gulf menhaden	Whole Body	Nickel	2A	122	119	3	24.94491803	mg/kg	0.24	mg/kg	Y	Y	0.009621198
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Nickel	2A	77	66	11	23.07831169	mg/kg	2	mg/kg	N	Y	0.086661452
BIST006	MB012F0601	Gulf menhaden	Whole Body	OCDD	2A	7	7	0	4157.142857	ng/kg	84.1	ng/kg	Y	Y	0.020230241
BIST015	LB032F1501	Gulf menhaden	Whole Body	OCDD	2A	40	40	0	4704.65	ng/kg	75.9	ng/kg	Y	Y	0.016132975
BIST015	LB032F1502	Gulf menhaden	Whole Body	OCDD	2A	40	40	0	4704.65	ng/kg	76.9	ng/kg	Y	Y	0.01634553
BIST015	LB032F1505	Gulf menhaden	Whole Body	OCDD	2A	40	40	0	4704.65	ng/kg	67.7	ng/kg	Y	Y	0.014390018
BIST006	MB012F0601	Gulf menhaden	Whole Body	OCDF	2A	7	7	0	550.1428571	ng/kg	51.6	ng/kg	Y	Y	0.09379382
BIST015	LB032F1501	Gulf menhaden	Whole Body	OCDF	2A	40	39	1	29122.8725	ng/kg	205	ng/kg	Y	Y	0.007039141
BIST015	LB032F1502	Gulf menhaden	Whole Body	OCDF	2A	40	39	1	29122.8725	ng/kg	158	ng/kg	Y	Y	0.005425289

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB032F1505	Gulf menhaden	Whole Body	OCDF	2A	40	39	1	29122.8725	ng/kg	192	ng/kg	Y	Y	0.006592756
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-105	2A	9	9	0	241248.8889	ng/kg	7960	ng/kg	Y	Y	0.032994971
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-105	2A	28	28	0	6188.104286	ng/kg	5040	ng/kg	Y	Y	0.814465912
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-105	2A	28	28	0	6188.104286	ng/kg	6160	ng/kg	Y	Y	0.995458337
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-105	2A	28	28	0	6188.104286	ng/kg	6340	ng/kg	Y	Y	1.024546405
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-114	2A	9	9	0	14814.42222	ng/kg	438	ng/kg	Y	Y	0.029565783
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-114	2A	28	27	1	1655.723107	ng/kg	403	ng/kg	Y	Y	0.243398186
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-114	2A	28	27	1	1655.723107	ng/kg	601	ng/kg	Y	Y	0.362983398
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-114	2A	28	27	1	1655.723107	ng/kg	381	ng/kg	Y	Y	0.23011094
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-118	2A	2	2	0	22925	ng/kg	32200	ng/kg	Y	Y	1.404580153
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-118	2A	10	10	0	27325	ng/kg	19700	ng/kg	Y	Y	0.72095151
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-118	2A	10	10	0	27325	ng/kg	24100	ng/kg	Y	Y	0.881976212
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-118	2A	10	10	0	27325	ng/kg	24300	ng/kg	Y	Y	0.889295517
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-126	2A	9	9	0	4858.377778	ng/kg	251	ng/kg	Y	Y	0.051663335
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-126	2A	28	25	3	861.7883929	ng/kg	149	ng/kg	Y	Y	0.172896272
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-126	2A	28	25	3	861.7883929	ng/kg	204	ng/kg	Y	Y	0.236717043
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-126	2A	28	25	3	861.7883929	ng/kg	199	ng/kg	Y	Y	0.230915155
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-156	2A	9	9	0	75869.11111	ng/kg	3670	ng/kg	Y	Y	0.048372782
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-156	2A	28	28	0	5077.486786	ng/kg	2720	ng/kg	Y	Y	0.535698095
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-156	2A	28	28	0	5077.486786	ng/kg	3370	ng/kg	Y	Y	0.663714184
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-156	2A	28	28	0	5077.486786	ng/kg	3260	ng/kg	Y	Y	0.642049923
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-157	2A	9	9	0	19177.66667	ng/kg	1040	ng/kg	Y	Y	0.054229746
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-157	2A	28	27	1	1228.481964	ng/kg	745	ng/kg	Y	Y	0.60643951
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-157	2A	28	27	1	1228.481964	ng/kg	953	ng/kg	Y	Y	0.775754165
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-157	2A	28	27	1	1228.481964	ng/kg	930	ng/kg	Y	Y	0.757031871
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-167	2A	9	9	0	31555.88889	ng/kg	2250	ng/kg	Y	Y	0.071302064
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-167	2A	28	28	0	4151.905357	ng/kg	1970	ng/kg	Y	Y	0.47448095
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-167	2A	28	28	0	4151.905357	ng/kg	2270	ng/kg	Y	Y	0.546736933
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-167	2A	28	28	0	4151.905357	ng/kg	2100	ng/kg	Y	Y	0.505791876
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-169	2A	9	5	4	88.56222222	ng/kg	10	ng/kg	N	Y	0.112914962
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-169	2A	28	16	12	150.8823214	ng/kg	23.3	ng/kg	Y	Y	0.154424984
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-169	2A	28	16	12	150.8823214	ng/kg	25	ng/kg	Y	Y	0.165692042
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-169	2A	28	16	12	150.8823214	ng/kg	11.7	ng/kg	Y	Y	0.077543876
BIST006	MB012F0601	Gulf menhaden	Whole Body	PCB-189	2A	9	9	0	3026.1	ng/kg	436	ng/kg	Y	Y	0.144079839
BIST015	LB032F1501	Gulf menhaden	Whole Body	PCB-189	2A	28	28	0	2707.953571	ng/kg	639	ng/kg	Y	Y	0.235971549
BIST015	LB032F1502	Gulf menhaden	Whole Body	PCB-189	2A	28	28	0	2707.953571	ng/kg	918	ng/kg	Y	Y	0.339001381
BIST015	LB032F1505	Gulf menhaden	Whole Body	PCB-189	2A	28	28	0	2707.953571	ng/kg	515	ng/kg	Y	Y	0.190180513
BIST005	UB052F0501	Gulf menhaden	Whole Body	Pentachlorophenol	2A	33	0	33	1621.515152	ug/kg	250	ug/kg	N	Y	0.154176789
BIST006	MB012F0601	Gulf menhaden	Whole Body	Pentachlorophenol	2A	31	0	31	1798.064516	ug/kg	200	ug/kg	N	Y	0.111230714
BIST006	MB012F0602	Gulf menhaden	Whole Body	Pentachlorophenol	2A	31	0	31	1798.064516	ug/kg	150	ug/kg	N	Y	0.083423036
BIST006	MB012F0603	Gulf menhaden	Whole Body	Pentachlorophenol	2A	31	0	31	1798.064516	ug/kg	100	ug/kg	N	Y	0.055615357
BIST006	MB012F0605	Gulf menhaden	Whole Body	Pentachlorophenol	2A	31	0	31	1798.064516	ug/kg	200	ug/kg	N	Y	0.111230714
BIST006	MB012F0606	Gulf menhaden	Whole Body	Pentachlorophenol	2A	31	0	31	1798.064516	ug/kg	150	ug/kg	N	Y	0.083423036
BIST006	MB012F0609	Gulf menhaden	Whole Body	Pentachlorophenol	2A	31	0	31	1798.064516	ug/kg	400	ug/kg	N	Y	0.222461428
BIST006	MB012F0610	Gulf menhaden	Whole Body	Pentachlorophenol	2A	31	0	31	1798.064516	ug/kg	150	ug/kg	N	Y	0.083423036
BIST015	LB032F1501	Gulf menhaden	Whole Body	Pentachlorophenol	2A	112	0	112	4241.071429	ug/kg	200	ug/kg	N	Y	0.047157895
BIST015	LB032F1502	Gulf menhaden	Whole Body	Pentachlorophenol	2A	112	0	112	4241.071429	ug/kg	200	ug/kg	N	Y	0.047157895
BIST015	LB032F1503	Threadfin shad	Whole Body	Pentachlorophenol	2A	112	0	112	4241.071429	ug/kg	200	ug/kg	N	Y	0.047157895
BIST015	LB032F1505	Gulf menhaden	Whole Body	Pentachlorophenol	2A	112	0	112	4241.071429	ug/kg	150	ug/kg	N	Y	0.035368421
BIST015	LB032F1507	Gulf menhaden	Whole Body	Pentachlorophenol	2A	112	0	112	4241.071429	ug/kg	100	ug/kg	N	Y	0.023578947
BIST025	LB132F2502	Gulf menhaden	Whole Body	Pentachlorophenol	2A	104	0	104	4469.951923	ug/kg	50	ug/kg	N	Y	0.011185803
BIST025	LB132F2501	Gulf menhaden	Whole Body	Pentachlorophenol	2A	104	0	104	4469.951923	ug/kg	200	ug/kg	N	Y	0.044743211
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Pentachlorophenol	2A	69	0	69	1439.710145	ug/kg	5000	ug/kg	N	Y	3.47292128
BIST005	UB052F0501	Gulf menhaden	Whole Body	Phenanthrene	2A	34	6	28	604.1058824	ug/kg	100	ug/kg	N	Y	0.165533895

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0601	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	80	ug/kg	N	Y	0.121142717
BIST006	MB012F0602	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	60	ug/kg	N	Y	0.090857037
BIST006	MB012F0603	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	40	ug/kg	N	Y	0.060571358
BIST006	MB012F0605	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	80	ug/kg	N	Y	0.121142717
BIST006	MB012F0606	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	60	ug/kg	N	Y	0.090857037
BIST006	MB012F0609	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	160	ug/kg	N	Y	0.242285433
BIST006	MB012F0610	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	60	ug/kg	N	Y	0.090857037
BIST006	MB012F0613	Gulf menhaden	Whole Body	Phenanthrene	2A	32	5	27	660.378125	ug/kg	20	ug/kg	N	Y	0.030285679
BIST015	LB032F1501	Gulf menhaden	Whole Body	Phenanthrene	2A	131	25	106	1409.753435	ug/kg	80	ug/kg	N	Y	0.056747512
BIST015	LB032F1502	Gulf menhaden	Whole Body	Phenanthrene	2A	131	25	106	1409.753435	ug/kg	80	ug/kg	N	Y	0.056747512
BIST015	LB032F1503	Threadfin shad	Whole Body	Phenanthrene	2A	131	25	106	1409.753435	ug/kg	80	ug/kg	N	Y	0.056747512
BIST015	LB032F1505	Gulf menhaden	Whole Body	Phenanthrene	2A	131	25	106	1409.753435	ug/kg	60	ug/kg	N	Y	0.042560634
BIST015	LB032F1507	Gulf menhaden	Whole Body	Phenanthrene	2A	131	25	106	1409.753435	ug/kg	40	ug/kg	N	Y	0.028373756
BIST025	LB132F2502	Gulf menhaden	Whole Body	Phenanthrene	2A	123	24	99	1473.92439	ug/kg	20	ug/kg	N	Y	0.013569217
BIST025	LB132F2501	Gulf menhaden	Whole Body	Phenanthrene	2A	123	24	99	1473.92439	ug/kg	80	ug/kg	N	Y	0.054276868
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Phenanthrene	2A	77	8	69	539.361039	ug/kg	1000	ug/kg	N	Y	1.854045672
BIST005	UB052F0501	Gulf menhaden	Whole Body	Pyrene	2A	34	12	22	636.5441176	ug/kg	100	ug/kg	N	Y	0.157098302
BIST006	MB012F0601	Gulf menhaden	Whole Body	Pyrene	2A	32	8	24	676.03125	ug/kg	80	ug/kg	N	Y	0.118337725
BIST006	MB012F0602	Gulf menhaden	Whole Body	Pyrene	2A	32	8	24	676.03125	ug/kg	60	ug/kg	N	Y	0.088753294
BIST006	MB012F0603	Gulf menhaden	Whole Body	Pyrene	2A	32	8	24	676.03125	ug/kg	40	ug/kg	N	Y	0.059168862
BIST006	MB012F0606	Gulf menhaden	Whole Body	Pyrene	2A	32	8	24	676.03125	ug/kg	60	ug/kg	N	Y	0.088753294
BIST006	MB012F0609	Gulf menhaden	Whole Body	Pyrene	2A	32	8	24	676.03125	ug/kg	160	ug/kg	N	Y	0.23667545
BIST006	MB012F0610	Gulf menhaden	Whole Body	Pyrene	2A	32	8	24	676.03125	ug/kg	60	ug/kg	N	Y	0.088753294
BIST006	MB012F0613	Gulf menhaden	Whole Body	Pyrene	2A	32	8	24	676.03125	ug/kg	20	ug/kg	N	Y	0.029584431
BIST015	LB032F1501	Gulf menhaden	Whole Body	Pyrene	2A	133	45	88	1619.209774	ug/kg	80	ug/kg	N	Y	0.049406816
BIST015	LB032F1503	Threadfin shad	Whole Body	Pyrene	2A	133	45	88	1619.209774	ug/kg	80	ug/kg	N	Y	0.049406816
BIST015	LB032F1505	Gulf menhaden	Whole Body	Pyrene	2A	133	45	88	1619.209774	ug/kg	60	ug/kg	N	Y	0.037055112
BIST015	LB032F1507	Gulf menhaden	Whole Body	Pyrene	2A	133	45	88	1619.209774	ug/kg	40	ug/kg	N	Y	0.024703408
BIST025	LB132F2502	Gulf menhaden	Whole Body	Pyrene	2A	125	45	80	1693.5672	ug/kg	20	ug/kg	N	Y	0.011809393
BIST025	LB132F2501	Gulf menhaden	Whole Body	Pyrene	2A	125	45	80	1693.5672	ug/kg	80	ug/kg	N	Y	0.04723757
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Pyrene	2A	77	23	54	548.5844156	ug/kg	1000	ug/kg	N	Y	1.822873512
BIST005	UB052F0501	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.66	mg/kg	0.64	mg/kg	Y	Y	0.96969697
BIST006	MB012F0601	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.61	mg/kg	Y	Y	0.848794063
BIST006	MB012F0602	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.69	mg/kg	Y	Y	0.960111317
BIST006	MB012F0603	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.59	mg/kg	Y	Y	0.82096475
BIST006	MB012F0604	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.62	mg/kg	Y	Y	0.86270872
BIST006	MB012F0605	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.65	mg/kg	Y	Y	0.90445269
BIST006	MB012F0606	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.66	mg/kg	Y	Y	0.918367347
BIST006	MB012F0609	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.77	mg/kg	Y	Y	1.071428571
BIST006	MB012F0610	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.69	mg/kg	Y	Y	0.960111317
BIST006	MB012F0613	Gulf menhaden	Whole Body	Selenium	2A	30	1	29	0.718666667	mg/kg	0.6	mg/kg	Y	Y	0.834879406
BIST015	LB032F1501	Gulf menhaden	Whole Body	Selenium	2A	111	20	91	1.08990991	mg/kg	0.71	mg/kg	Y	Y	0.651429988
BIST015	LB032F1502	Gulf menhaden	Whole Body	Selenium	2A	111	20	91	1.08990991	mg/kg	0.55	mg/kg	Y	Y	0.504628864
BIST015	LB032F1503	Threadfin shad	Whole Body	Selenium	2A	111	20	91	1.08990991	mg/kg	0.55	mg/kg	Y	Y	0.504628864
BIST015	LB032F1505	Gulf menhaden	Whole Body	Selenium	2A	111	20	91	1.08990991	mg/kg	0.67	mg/kg	Y	Y	0.614729707
BIST015	LB032F1507	Gulf menhaden	Whole Body	Selenium	2A	111	20	91	1.08990991	mg/kg	0.66	mg/kg	Y	Y	0.605554637
BIST015	LB032F1508	Threadfin shad	Whole Body	Selenium	2A	111	20	91	1.08990991	mg/kg		mg/kg	N	Y	
BIST025	LB132F2502	Gulf menhaden	Whole Body	Selenium	2A	102	22	80	1.064264706	mg/kg	0.77	mg/kg	Y	Y	0.723504214
BIST025	LB132F2501	Gulf menhaden	Whole Body	Selenium	2A	102	22	80	1.064264706	mg/kg	0.75	mg/kg	Y	Y	0.704711897
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Selenium	2A	69	15	54	1.13115942	mg/kg	1.1	mg/kg	Y	Y	0.972453555
BIST005	UB052F0501	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	5	26	4.97	ug/kg	10	ug/kg	N	Y	2.012072435
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB012F0602	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB012F0603	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0604	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB012F0605	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB012F0606	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB012F0609	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB032F1503	Threadfin shad	Whole Body	Total Chlordane (U=1/2; max ND)	2A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB032F1507	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	85	35	50	31.38870588	ug/kg	10	ug/kg	N	Y	0.318585928
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	85	35	50	31.38870588	ug/kg	10	ug/kg	N	Y	0.318585928
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	2A	73	20	53	21.10041096	ug/kg	5.3	ug/kg	Y	Y	0.251179942
BIST005	UB052F0501	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	8	23	8.945806452	ug/kg	10	ug/kg	N	Y	1.117842204
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0602	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0603	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0604	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0605	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0606	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0609	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB032F1503	Threadfin shad	Whole Body	Total DDT (U=1/2; max ND)	2A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB032F1507	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	86	36	50	44.97837209	ug/kg	10	ug/kg	N	Y	0.222329078
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	86	36	50	44.97837209	ug/kg	10	ug/kg	N	Y	0.222329078
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	2A	74	32	42	32.6672973	ug/kg	8.4	ug/kg	Y	Y	0.257137893
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2A	7	7	0	24.21677857	ng/kg	6.45296	ng/kg	Y	Y	0.266466491
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2A	22	22	0	409.0407568	ng/kg	14.55207	ng/kg	Y	Y	0.035576088
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2A	22	22	0	409.0407568	ng/kg	18.34532	ng/kg	Y	Y	0.044849614
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2A	22	22	0	409.0407568	ng/kg	11.79341	ng/kg	Y	Y	0.02883187
BIST005	UB052F0501	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	34	12	22	2138.6	ug/kg	200	ug/kg	N	Y	0.093519125
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	160	ug/kg	N	Y	0.074538321
BIST006	MB012F0602	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	120	ug/kg	N	Y	0.055903741
BIST006	MB012F0603	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	80	ug/kg	N	Y	0.03726916
BIST006	MB012F0605	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	160	ug/kg	N	Y	0.074538321
BIST006	MB012F0606	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	120	ug/kg	N	Y	0.055903741
BIST006	MB012F0609	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	320	ug/kg	N	Y	0.149076642
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	120	ug/kg	N	Y	0.055903741
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	32	8	24	2146.546875	ug/kg	40	ug/kg	N	Y	0.01863458
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	133	50	83	5124.790226	ug/kg	160	ug/kg	N	Y	0.03122079
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	133	50	83	5124.790226	ug/kg	160	ug/kg	N	Y	0.03122079
BIST015	LB032F1503	Threadfin shad	Whole Body	Total HPAH (U=1/2; max ND)	2A	133	50	83	5124.790226	ug/kg	160	ug/kg	N	Y	0.03122079
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	133	50	83	5124.790226	ug/kg	120	ug/kg	N	Y	0.023415593
BIST015	LB032F1507	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	133	50	83	5124.790226	ug/kg	80	ug/kg	N	Y	0.015610395
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	125	50	75	5376.9848	ug/kg	40	ug/kg	N	Y	0.007439113
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	125	50	75	5376.9848	ug/kg	160	ug/kg	N	Y	0.029756454
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	2A	77	25	52	2122.472727	ug/kg	2000	ug/kg	N	Y	0.942297149
BIST005	UB052F0501	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	34	7	27	1709.294118	ug/kg	200	ug/kg	N	Y	0.117007365

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	160	ug/kg	N	Y	0.090085493
BIST006	MB012F0602	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	120	ug/kg	N	Y	0.06756412
BIST006	MB012F0603	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	343	ug/kg	Y	Y	0.193120776
BIST006	MB012F0605	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	160	ug/kg	N	Y	0.090085493
BIST006	MB012F0606	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	120	ug/kg	N	Y	0.06756412
BIST006	MB012F0609	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	320	ug/kg	N	Y	0.180170986
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	482	ug/kg	Y	Y	0.271382548
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	32	5	27	1776.090625	ug/kg	40	ug/kg	N	Y	0.022521373
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	136	29	107	7910.703676	ug/kg	160	ug/kg	N	Y	0.020225761
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	136	29	107	7910.703676	ug/kg	643	ug/kg	Y	Y	0.081282276
BIST015	LB032F1503	Threadfin shad	Whole Body	Total LPAH (U=1/2; max ND)	2A	136	29	107	7910.703676	ug/kg	670	ug/kg	Y	Y	0.084695373
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	136	29	107	7910.703676	ug/kg	120	ug/kg	N	Y	0.015169321
BIST015	LB032F1507	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	136	29	107	7910.703676	ug/kg	332	ug/kg	Y	Y	0.041968454
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	127	29	98	8402.966142	ug/kg	165	ug/kg	Y	Y	0.019635923
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	127	29	98	8402.966142	ug/kg	160	ug/kg	N	Y	0.019040895
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	2A	78	12	66	1248	ug/kg	2000	ug/kg	N	Y	1.602564103
BIST005	UB052F0501	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	34	13	21	3272.423529	ug/kg	200	ug/kg	N	Y	0.061116783
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	160	ug/kg	N	Y	0.053186848
BIST006	MB012F0602	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	120	ug/kg	N	Y	0.039890136
BIST006	MB012F0603	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	743	ug/kg	Y	Y	0.246986425
BIST006	MB012F0605	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	160	ug/kg	N	Y	0.053186848
BIST006	MB012F0606	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	120	ug/kg	N	Y	0.039890136
BIST006	MB012F0609	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	320	ug/kg	N	Y	0.106373696
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	1082	ug/kg	Y	Y	0.359676059
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	40	ug/kg	N	Y	0.013296712
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	1082	ug/kg	Y	Y	0.359676059
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	32	8	24	3008.2625	ug/kg	40	ug/kg	N	Y	0.013296712
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	136	52	84	18308.46544	ug/kg	160	ug/kg	N	Y	0.008739127
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	136	52	84	18308.46544	ug/kg	723	ug/kg	Y	Y	0.039489929
BIST015	LB032F1503	Threadfin shad	Whole Body	Total PAH (U=1/2; max ND)	2A	136	52	84	18308.46544	ug/kg	1470	ug/kg	Y	Y	0.080290727
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	136	52	84	18308.46544	ug/kg	120	ug/kg	N	Y	0.006554345
BIST015	LB032F1507	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	136	52	84	18308.46544	ug/kg	732	ug/kg	Y	Y	0.039981505
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	127	52	75	19498.37244	ug/kg	365	ug/kg	Y	Y	0.018719511
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	127	52	75	19498.37244	ug/kg	160	ug/kg	N	Y	0.008205813
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	2A	78	25	53	2996.594872	ug/kg	2000	ug/kg	N	Y	0.667424222
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total PCB Cong-209 (U=0, max RL)	2A	2	2	0	61971	ng/kg	79.3	ug/kg	Y	Y	0.001279631
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total PCB Cong-209 (U=0, max RL)	2A	3	3	0	538.3	ug/kg	63.4	ug/kg	Y	Y	0.117778191
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total PCB Cong-209 (U=0, max RL)	2A	25	25	0	1374616.16	ng/kg	63.4	ug/kg	Y	Y	4.6122E-05
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total PCB Cong-209 (U=0, max RL)	2A	25	25	0	1374616.16	ng/kg	79.2	ug/kg	Y	Y	5.76161E-05
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total PCB Cong-209 (U=0, max RL)	2A	3	3	0	538.3	ug/kg	79.2	ug/kg	Y	Y	0.147129853
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total PCB Cong-209 (U=0, max RL)	2A	3	3	0	538.3	ug/kg	65	ug/kg	Y	Y	0.120750511
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total PCB Cong-209 (U=0, max RL)	2A	25	25	0	1374616.16	ng/kg	65	ug/kg	Y	Y	4.72859E-05
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total PCB Congs (U=1/2; max ND)	2A	2	2	0	61976.22	ng/kg	79346.5	ng/kg	Y	Y	1.280273305
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total PCB Congs (U=1/2; max ND)	2A	10	10	0	219276.232	ng/kg	63391.9	ng/kg	Y	Y	0.289096084
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total PCB Congs (U=1/2; max ND)	2A	10	10	0	219276.232	ng/kg	79183.5	ng/kg	Y	Y	0.361113009
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total PCB Congs (U=1/2; max ND)	2A	10	10	0	219276.232	ng/kg	64979	ng/kg	Y	Y	0.296333987
BIST005	UB052F0501	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	34	30	4	1295.647059	ug/kg	5	ug/kg	N	Y	0.003859076
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	5	ug/kg	N	Y	0.003722294
BIST006	MB012F0602	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	58	ug/kg	Y	Y	0.043178614
BIST006	MB012F0603	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	80	ug/kg	Y	Y	0.059556709
BIST006	MB012F0604	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	54	ug/kg	Y	Y	0.040200778
BIST006	MB012F0605	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	59	ug/kg	Y	Y	0.043923073
BIST006	MB012F0606	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	44	ug/kg	Y	Y	0.03275619
BIST006	MB012F0609	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	5	ug/kg	N	Y	0.003722294
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	72	ug/kg	Y	Y	0.053601038
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	33	29	4	1343.257576	ug/kg	68	ug/kg	Y	Y	0.050623202

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	88	21	67	171.1931818	ug/kg	65	ug/kg	Y	Y	0.379688019
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	88	21	67	171.1931818	ug/kg	5	ug/kg	N	Y	0.029206771
BIST015	LB032F1503	Threadfin shad	Whole Body	Total PCBs (U=0, max RL)	2A	88	21	67	171.1931818	ug/kg	5	ug/kg	N	Y	0.029206771
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	88	21	67	171.1931818	ug/kg	59	ug/kg	Y	Y	0.344639894
BIST015	LB032F1507	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	88	21	67	171.1931818	ug/kg	5	ug/kg	N	Y	0.029206771
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	86	24	62	172.1965116	ug/kg	5	ug/kg	N	Y	0.029036593
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	86	24	62	172.1965116	ug/kg	61	ug/kg	Y	Y	0.354246433
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	2A	74	45	29	170.3513514	ug/kg	50	ug/kg	N	Y	0.293511026
BIST005	UB052F0501	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	34	30	4	1529.691176	ug/kg	10	ug/kg	N	Y	0.006537267
BIST006	MB012F0601	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	10	ug/kg	N	Y	0.006264475
BIST006	MB012F0602	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	88	ug/kg	Y	Y	0.055127378
BIST006	MB012F0603	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	110	ug/kg	Y	Y	0.068909222
BIST006	MB012F0604	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	84	ug/kg	Y	Y	0.052621588
BIST006	MB012F0605	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	89	ug/kg	Y	Y	0.055753825
BIST006	MB012F0606	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	74	ug/kg	Y	Y	0.046357113
BIST006	MB012F0609	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	10	ug/kg	N	Y	0.006264475
BIST006	MB012F0610	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	102	ug/kg	Y	Y	0.063897642
BIST006	MB012F0613	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	33	29	4	1596.30303	ug/kg	98	ug/kg	Y	Y	0.061391852
BIST015	LB032F1501	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	88	21	67	396.7897727	ug/kg	95	ug/kg	Y	Y	0.239421494
BIST015	LB032F1502	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	88	21	67	396.7897727	ug/kg	10	ug/kg	N	Y	0.025202262
BIST015	LB032F1503	Threadfin shad	Whole Body	Total PCBs (U=1/2; max ND)	2A	88	21	67	396.7897727	ug/kg	10	ug/kg	N	Y	0.025202262
BIST015	LB032F1505	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	88	21	67	396.7897727	ug/kg	89	ug/kg	Y	Y	0.224300136
BIST015	LB032F1507	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	88	21	67	396.7897727	ug/kg	10	ug/kg	N	Y	0.025202262
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	86	24	62	403.6848837	ug/kg	10	ug/kg	N	Y	0.024771797
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	86	24	62	403.6848837	ug/kg	91	ug/kg	Y	Y	0.225423353
BIST025	LB132F2502	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	86	24	62	403.6848837	ug/kg	10	ug/kg	N	Y	0.024771797
BIST025	LB132F2501	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	86	24	62	403.6848837	ug/kg	91	ug/kg	Y	Y	0.225423353
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	2A	74	45	29	438.8581081	ug/kg	100	ug/kg	N	Y	0.227864082
BIST005	UB052F0501	Gulf menhaden	Whole Body	Zinc	2A	33	22	11	125.0439394	mg/kg	21.1	mg/kg	Y	Y	0.168740685
BIST006	MB012F0601	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	22.4	mg/kg	Y	Y	0.155936259
BIST006	MB012F0602	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	24.6	mg/kg	Y	Y	0.171251428
BIST006	MB012F0603	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	26.5	mg/kg	Y	Y	0.184478164
BIST006	MB012F0604	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	18.9	mg/kg	Y	Y	0.131571219
BIST006	MB012F0605	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	22.3	mg/kg	Y	Y	0.155240115
BIST006	MB012F0606	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	25.4	mg/kg	Y	Y	0.17682058
BIST006	MB012F0609	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	25.9	mg/kg	Y	Y	0.1803013
BIST006	MB012F0610	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	24.8	mg/kg	Y	Y	0.172643716
BIST006	MB012F0613	Gulf menhaden	Whole Body	Zinc	2A	32	20	12	143.6484375	mg/kg	21.3	mg/kg	Y	Y	0.148278675
BIST015	LB032F1501	Gulf menhaden	Whole Body	Zinc	2A	132	127	5	131.6219697	mg/kg	20.2	mg/kg	Y	Y	0.15346982
BIST015	LB032F1502	Gulf menhaden	Whole Body	Zinc	2A	132	127	5	131.6219697	mg/kg	20.7	mg/kg	Y	Y	0.157268578
BIST015	LB032F1503	Threadfin shad	Whole Body	Zinc	2A	132	127	5	131.6219697	mg/kg	23.3	mg/kg	Y	Y	0.177022119
BIST015	LB032F1505	Gulf menhaden	Whole Body	Zinc	2A	132	127	5	131.6219697	mg/kg	26.2	mg/kg	Y	Y	0.199054915
BIST015	LB032F1507	Gulf menhaden	Whole Body	Zinc	2A	132	127	5	131.6219697	mg/kg	26.2	mg/kg	Y	Y	0.199054915
BIST015	LB032F1508	Threadfin shad	Whole Body	Zinc	2A	132	127	5	131.6219697	mg/kg		mg/kg	N	Y	
BIST025	LB132F2502	Gulf menhaden	Whole Body	Zinc	2A	122	116	6	132.9081967	mg/kg	22.5	mg/kg	Y	Y	0.169289785
BIST025	LB132F2501	Gulf menhaden	Whole Body	Zinc	2A	122	116	6	132.9081967	mg/kg	22.5	mg/kg	Y	Y	0.169289785
ECOBI001	00ECO-001-GM1-BI03	Gulf menhaden	Whole Body	Zinc	2A	77	69	8	180.2571429	mg/kg	37.8	mg/kg	Y	Y	0.209700428
BIST006	MB012F0607	Spot	Whole Body	1,2,3,4,6,7,8-HpCDD	2B	1	1	0	318	ng/kg	0.759	ng/kg	Y	Y	0.002386792
BIST015	LB032F1504	Spot	Whole Body	1,2,3,4,6,7,8-HpCDD	2B	1	1	0	1400	ng/kg	0.535	ng/kg	Y	Y	0.000382143
BIST006	MB012F0607	Spot	Whole Body	1,2,3,4,6,7,8-HpCDF	2B	1	1	0	279	ng/kg	4.93	ng/kg	Y	Y	0.017670251
BIST015	LB032F1504	Spot	Whole Body	1,2,3,4,6,7,8-HpCDF	2B	1	1	0	7600	ng/kg	17.2	ng/kg	Y	Y	0.002263158
BIST006	MB012F0607	Spot	Whole Body	1,2,3,4,7,8,9-HpCDF	2B	1	1	0	9.81	ng/kg	0.1325	ng/kg	N	Y	0.013506626
BIST015	LB032F1504	Spot	Whole Body	1,2,3,4,7,8,9-HpCDF	2B	1	1	0	1400	ng/kg	1	ng/kg	Y	Y	0.000714286
BIST006	MB012F0607	Spot	Whole Body	1,2,3,4,7,8-HxCDD	2B	1	1	0	5.84	ng/kg	0.0925	ng/kg	N	Y	0.015839041
BIST015	LB032F1504	Spot	Whole Body	1,2,3,4,7,8-HxCDD	2B	1	1	0	110	ng/kg	0.0795	ng/kg	N	Y	0.000722727
BIST006	MB012F0607	Spot	Whole Body	1,2,3,4,7,8-HxCDF	2B	1	1	0	31.3	ng/kg	3.58	ng/kg	Y	Y	0.114376997

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB032F1504	Spot	Whole Body	1,2,3,4,7,8-HxCDF	2B	1	1	0	3000	ng/kg	4.68	ng/kg	Y	Y	0.00156
BIST006	MB012F0607	Spot	Whole Body	1,2,3,6,7,8-HxCDD	2B	1	1	0	24	ng/kg	0.59	ng/kg	Y	Y	0.024583333
BIST015	LB032F1504	Spot	Whole Body	1,2,3,6,7,8-HxCDD	2B	1	1	0	83	ng/kg	0.278	ng/kg	Y	Y	0.003349398
BIST006	MB012F0607	Spot	Whole Body	1,2,3,6,7,8-HxCDF	2B	1	1	0	12.3	ng/kg	2.46	ng/kg	Y	Y	0.2
BIST015	LB032F1504	Spot	Whole Body	1,2,3,6,7,8-HxCDF	2B	1	1	0	510	ng/kg	4.2	ng/kg	Y	Y	0.008235294
BIST006	MB012F0607	Spot	Whole Body	1,2,3,7,8,9-HxCDD	2B	1	1	0	11.3	ng/kg	0.0925	ng/kg	N	Y	0.008185841
BIST015	LB032F1504	Spot	Whole Body	1,2,3,7,8,9-HxCDD	2B	1	1	0	82	ng/kg	0.077	ng/kg	N	Y	0.000939024
BIST006	MB012F0607	Spot	Whole Body	1,2,3,7,8,9-HxCDF	2B	1	1	0	3.65	ng/kg	0.1175	ng/kg	N	Y	0.032191781
BIST015	LB032F1504	Spot	Whole Body	1,2,3,7,8,9-HxCDF	2B	1	1	0	73	ng/kg	0.158	ng/kg	N	Y	0.002164384
BIST006	MB012F0607	Spot	Whole Body	1,2,3,7,8-PeCDD	2B	1	1	0	2.82	ng/kg	0.724	ng/kg	Y	Y	0.256737589
BIST015	LB032F1504	Spot	Whole Body	1,2,3,7,8-PeCDD	2B	1	1	0	43	ng/kg	0.568	ng/kg	Y	Y	0.013209302
BIST006	MB012F0607	Spot	Whole Body	1,2,3,7,8-PeCDF	2B	1	1	0	5.74	ng/kg	8.44	ng/kg	Y	Y	1.470383275
BIST015	LB032F1504	Spot	Whole Body	1,2,3,7,8-PeCDF	2B	1	1	0	700	ng/kg	7.55	ng/kg	Y	Y	0.010785714
BIST006	MB012F0607	Spot	Whole Body	2,3,4,6,7,8-HxCDF	2B	1	1	0	12.4	ng/kg	0.279	ng/kg	N	Y	0.0225
BIST015	LB032F1504	Spot	Whole Body	2,3,4,6,7,8-HxCDF	2B	1	1	0	180	ng/kg	0.734	ng/kg	Y	Y	0.004077778
BIST006	MB012F0607	Spot	Whole Body	2,3,4,7,8-PeCDF	2B	1	1	0	8.79	ng/kg	14.7	ng/kg	Y	Y	1.672354949
BIST015	LB032F1504	Spot	Whole Body	2,3,4,7,8-PeCDF	2B	1	1	0	410	ng/kg	15	ng/kg	Y	Y	0.036585366
BIST006	MB012F0607	Spot	Whole Body	2,3,7,8-TCDD	2B	1	0	1	0.189	ng/kg	0.487	ng/kg	Y	Y	2.576719577
BIST015	LB032F1504	Spot	Whole Body	2,3,7,8-TCDD	2B	1	1	0	10	ng/kg	0.43	ng/kg	Y	Y	0.043
BIST006	MB012F0607	Spot	Whole Body	2,3,7,8-TCDF	2B	1	1	0	8.14	ng/kg	4	ng/kg	Y	Y	0.491400491
BIST015	LB032F1504	Spot	Whole Body	2,3,7,8-TCDF	2B	1	1	0	880	ng/kg	3.9	ng/kg	Y	Y	0.004431818
BIST006	MB012F0607	Spot	Whole Body	2-Methylnaphthalene	2B	3	1	2	276.6	ug/kg	80	ug/kg	N	Y	0.28922632
BIST006	MB012F0611	Spot	Whole Body	2-Methylnaphthalene	2B	3	1	2	276.6	ug/kg	60	ug/kg	N	Y	0.21691974
BIST006	MB012F0619	Spot	Whole Body	2-Methylnaphthalene	2B	3	1	2	276.6	ug/kg	60	ug/kg	N	Y	0.21691974
BIST015	LB032F1506	Spot	Whole Body	2-Methylnaphthalene	2B	3	0	3	4116.666667	ug/kg	40	ug/kg	N	Y	0.009716599
BIST006	MB012F0619	Spot	Whole Body	2-Methylnaphthalene	2B	3	1	2	276.6	ug/kg	60	ug/kg	N	Y	0.21691974
BIST015	LB032F1506	Spot	Whole Body	2-Methylnaphthalene	2B	3	0	3	4116.666667	ug/kg	40	ug/kg	N	Y	0.009716599
BIST025	LB132F2503	Spot	Whole Body	2-Methylnaphthalene	2B	2	1	1	209.85	ug/kg	60	ug/kg	N	Y	0.285918513
BIST006	MB012F0607	Spot	Whole Body	4,4'-DDD	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0611	Spot	Whole Body	4,4'-DDD	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0619	Spot	Whole Body	4,4'-DDD	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST015	LB032F1504	Spot	Whole Body	4,4'-DDD	2B	3	1	2	15.03333333	ug/kg	5	ug/kg	N	Y	0.332594235
BIST015	LB032F1506	Spot	Whole Body	4,4'-DDD	2B	3	1	2	15.03333333	ug/kg	5	ug/kg	N	Y	0.332594235
BIST025	LB132F2503	Spot	Whole Body	4,4'-DDD	2B	2	2	0	35.5	ug/kg	5	ug/kg	N	Y	0.14084507
BIST006	MB012F0607	Spot	Whole Body	4,4'-DDE	2B	3	1	2	4.71	ug/kg	11	ug/kg	Y	Y	2.335456476
BIST006	MB012F0611	Spot	Whole Body	4,4'-DDE	2B	3	1	2	4.71	ug/kg	13	ug/kg	Y	Y	2.760084926
BIST006	MB012F0619	Spot	Whole Body	4,4'-DDE	2B	3	1	2	4.71	ug/kg	5	ug/kg	N	Y	1.061571125
BIST015	LB032F1504	Spot	Whole Body	4,4'-DDE	2B	3	0	3	14.41666667	ug/kg	5	ug/kg	N	Y	0.346820809
BIST015	LB032F1506	Spot	Whole Body	4,4'-DDE	2B	3	0	3	14.41666667	ug/kg	5	ug/kg	N	Y	0.346820809
BIST025	LB132F2503	Spot	Whole Body	4,4'-DDE	2B	2	2	0	19.45	ug/kg	12	ug/kg	Y	Y	0.616966581
BIST006	MB012F0607	Spot	Whole Body	4,4'-DDT	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0611	Spot	Whole Body	4,4'-DDT	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0619	Spot	Whole Body	4,4'-DDT	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST015	LB032F1504	Spot	Whole Body	4,4'-DDT	2B	3	0	3	14.41666667	ug/kg	5	ug/kg	N	Y	0.346820809
BIST015	LB032F1506	Spot	Whole Body	4,4'-DDT	2B	3	0	3	14.41666667	ug/kg	5	ug/kg	N	Y	0.346820809
BIST025	LB132F2503	Spot	Whole Body	4,4'-DDT	2B	2	0	2	23.25	ug/kg	5	ug/kg	N	Y	0.215053763
BIST006	MB012F0607	Spot	Whole Body	Acenaphthene	2B	3	1	2	275.2666667	ug/kg	80	ug/kg	N	Y	0.290627271
BIST006	MB012F0611	Spot	Whole Body	Acenaphthene	2B	3	1	2	275.2666667	ug/kg	60	ug/kg	N	Y	0.217970453
BIST006	MB012F0619	Spot	Whole Body	Acenaphthene	2B	3	1	2	275.2666667	ug/kg	60	ug/kg	N	Y	0.217970453
BIST015	LB032F1506	Spot	Whole Body	Acenaphthene	2B	4	1	3	3139.75	ug/kg	40	ug/kg	N	Y	0.012739868
BIST025	LB132F2503	Spot	Whole Body	Acenaphthene	2B	1	0	1	360	ug/kg	60	ug/kg	N	Y	0.166666667
BIST006	MB012F0607	Spot	Whole Body	Acenaphthylene	2B	3	1	2	370	ug/kg	80	ug/kg	N	Y	0.216216216
BIST006	MB012F0611	Spot	Whole Body	Acenaphthylene	2B	3	1	2	370	ug/kg	60	ug/kg	N	Y	0.162162162
BIST006	MB012F0619	Spot	Whole Body	Acenaphthylene	2B	3	1	2	370	ug/kg	60	ug/kg	N	Y	0.162162162
BIST015	LB032F1506	Spot	Whole Body	Acenaphthylene	2B	4	1	3	3116.5	ug/kg	40	ug/kg	N	Y	0.012834911
BIST025	LB132F2503	Spot	Whole Body	Acenaphthylene	2B	2	1	1	199.9	ug/kg	60	ug/kg	N	Y	0.300150075

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	Sediment Samples N	Detects	Non-detects	Average	Units	Tissue Sample Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0607	Spot	Whole Body	Aldrin	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	Aldrin	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0619	Spot	Whole Body	Aldrin	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	Aldrin	2B	3	1	2	11.56666667	ug/kg	5	ug/kg	N	Y	0.432276657
BIST015	LB032F1506	Spot	Whole Body	Aldrin	2B	3	1	2	11.56666667	ug/kg	5	ug/kg	N	Y	0.432276657
BIST025	LB132F2503	Spot	Whole Body	Aldrin	2B	2	1	1	14.5	ug/kg	5	ug/kg	N	Y	0.344827586
BIST006	MB012F0607	Spot	Whole Body	alpha-Chlordane	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	alpha-Chlordane	2B	3	0	3	4.3	ug/kg	14	ug/kg	Y	Y	3.255813953
BIST006	MB012F0619	Spot	Whole Body	alpha-Chlordane	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	alpha-Chlordane	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST015	LB032F1506	Spot	Whole Body	alpha-Chlordane	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST025	LB132F2503	Spot	Whole Body	alpha-Chlordane	2B	2	2	0	23.24	ug/kg	5	ug/kg	N	Y	0.215146299
BIST006	MB012F0607	Spot	Whole Body	Anthracene	2B	3	1	2	310.3333333	ug/kg	80	ug/kg	N	Y	0.257787325
BIST006	MB012F0611	Spot	Whole Body	Anthracene	2B	3	1	2	310.3333333	ug/kg	60	ug/kg	N	Y	0.193340494
BIST006	MB012F0619	Spot	Whole Body	Anthracene	2B	3	1	2	310.3333333	ug/kg	60	ug/kg	N	Y	0.193340494
BIST015	LB032F1506	Spot	Whole Body	Anthracene	2B	4	1	3	3210.5	ug/kg	40	ug/kg	N	Y	0.012459119
BIST025	LB132F2503	Spot	Whole Body	Anthracene	2B	2	1	1	195.35	ug/kg	60	ug/kg	N	Y	0.307141029
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1016	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1016	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0619	Spot	Whole Body	Aroclor-1016	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST015	LB032F1504	Spot	Whole Body	Aroclor-1016	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST015	LB032F1506	Spot	Whole Body	Aroclor-1016	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST025	LB132F2503	Spot	Whole Body	Aroclor-1016	2B	2	0	2	178.5	ug/kg	5	ug/kg	N	Y	0.028011204
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1221	2B	3	0	3	54.66666667	ug/kg	5	ug/kg	N	Y	0.091463415
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1221	2B	3	0	3	54.66666667	ug/kg	5	ug/kg	N	Y	0.091463415
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1221	2B	3	0	3	54.66666667	ug/kg	5	ug/kg	N	Y	0.091463415
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1221	2B	3	0	3	54.66666667	ug/kg	5	ug/kg	N	Y	0.091463415
BIST006	MB012F0619	Spot	Whole Body	Aroclor-1221	2B	3	0	3	54.66666667	ug/kg	5	ug/kg	N	Y	0.091463415
BIST015	LB032F1504	Spot	Whole Body	Aroclor-1221	2B	3	0	3	147.5	ug/kg	5	ug/kg	N	Y	0.033898305
BIST015	LB032F1506	Spot	Whole Body	Aroclor-1221	2B	3	0	3	147.5	ug/kg	5	ug/kg	N	Y	0.033898305
BIST025	LB132F2503	Spot	Whole Body	Aroclor-1221	2B	2	0	2	356	ug/kg	5	ug/kg	N	Y	0.014044944
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1232	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1232	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0619	Spot	Whole Body	Aroclor-1232	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST015	LB032F1504	Spot	Whole Body	Aroclor-1232	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST015	LB032F1506	Spot	Whole Body	Aroclor-1232	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST025	LB132F2503	Spot	Whole Body	Aroclor-1232	2B	2	0	2	178.5	ug/kg	5	ug/kg	N	Y	0.028011204
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1242	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1242	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0619	Spot	Whole Body	Aroclor-1242	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST015	LB032F1504	Spot	Whole Body	Aroclor-1242	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST015	LB032F1506	Spot	Whole Body	Aroclor-1242	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST025	LB132F2503	Spot	Whole Body	Aroclor-1242	2B	2	0	2	178.5	ug/kg	5	ug/kg	N	Y	0.028011204
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1248	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1248	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST006	MB012F0619	Spot	Whole Body	Aroclor-1248	2B	3	0	3	28	ug/kg	5	ug/kg	N	Y	0.178571429
BIST015	LB032F1504	Spot	Whole Body	Aroclor-1248	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST015	LB032F1506	Spot	Whole Body	Aroclor-1248	2B	3	0	3	76.66666667	ug/kg	5	ug/kg	N	Y	0.065217391
BIST025	LB132F2503	Spot	Whole Body	Aroclor-1248	2B	2	0	2	178.5	ug/kg	5	ug/kg	N	Y	0.028011204
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1254	2B	3	3	0	183.3333333	ug/kg	120	ug/kg	Y	Y	0.654545455
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1254	2B	3	3	0	183.3333333	ug/kg	160	ug/kg	Y	Y	0.872727273
BIST006	MB012F0619	Spot	Whole Body	Aroclor-1254	2B	3	3	0	183.3333333	ug/kg	79	ug/kg	Y	Y	0.430909091
BIST015	LB032F1504	Spot	Whole Body	Aroclor-1254	2B	3	0	3	76.66666667	ug/kg	90	ug/kg	Y	Y	1.173913043
BIST015	LB032F1506	Spot	Whole Body	Aroclor-1254	2B	3	0	3	76.66666667	ug/kg	42	ug/kg	Y	Y	0.547826087
BIST025	LB132F2503	Spot	Whole Body	Aroclor-1254	2B	2	0	2	178.5	ug/kg	180	ug/kg	Y	Y	1.008403361
BIST006	MB012F0607	Spot	Whole Body	Aroclor-1260	2B	3	0	3	28	ug/kg	66	ug/kg	Y	Y	2.357142857

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0611	Spot	Whole Body	Aroclor-1260	2B	3	0	3	28	ug/kg	84	ug/kg	Y	Y	3
BIST006	MB012F0619	Spot	Whole Body	Aroclor-1260	2B	3	0	3	28	ug/kg	38	ug/kg	Y	Y	1.357142857
BIST015	LB032F1504	Spot	Whole Body	Aroclor-1260	2B	3	0	3	76.66666667	ug/kg	61	ug/kg	Y	Y	0.795652174
BIST015	LB032F1506	Spot	Whole Body	Aroclor-1260	2B	3	0	3	76.66666667	ug/kg	23	ug/kg	Y	Y	0.3
BIST025	LB132F2503	Spot	Whole Body	Aroclor-1260	2B	2	0	2	178.5	ug/kg	110	ug/kg	Y	Y	0.616246499
BIST006	MB012F0607	Spot	Whole Body	Arsenic	2B	2	2	0	3.2	mg/kg	0.3	mg/kg	Y	Y	0.09375
BIST006	MB012F0611	Spot	Whole Body	Arsenic	2B	2	2	0	3.2	mg/kg	0.26	mg/kg	Y	Y	0.08125
BIST006	MB012F0619	Spot	Whole Body	Arsenic	2B	2	2	0	3.2	mg/kg	0.31	mg/kg	Y	Y	0.096875
BIST015	LB032F1504	Spot	Whole Body	Arsenic	2B	3	3	0	5.366666667	mg/kg	0.31	mg/kg	Y	Y	0.057763975
BIST015	LB032F1506	Spot	Whole Body	Arsenic	2B	3	3	0	5.366666667	mg/kg	0.48	mg/kg	Y	Y	0.089440994
BIST025	LB132F2503	Spot	Whole Body	Arsenic	2B	1	1	0	2.5	mg/kg	0.2	mg/kg	Y	Y	0.08
BIST006	MB012F0607	Spot	Whole Body	Benzo(a)anthracene	2B	3	1	2	296.9	ug/kg	80	ug/kg	N	Y	0.269450994
BIST006	MB012F0611	Spot	Whole Body	Benzo(a)anthracene	2B	3	1	2	296.9	ug/kg	60	ug/kg	N	Y	0.202088245
BIST006	MB012F0619	Spot	Whole Body	Benzo(a)anthracene	2B	3	1	2	296.9	ug/kg	60	ug/kg	N	Y	0.202088245
BIST015	LB032F1506	Spot	Whole Body	Benzo(a)anthracene	2B	4	2	2	2452.5	ug/kg	40	ug/kg	N	Y	0.016309888
BIST025	LB132F2503	Spot	Whole Body	Benzo(a)anthracene	2B	2	2	0	101.5	ug/kg	60	ug/kg	N	Y	0.591133005
BIST006	MB012F0607	Spot	Whole Body	Benzo(a)pyrene	2B	3	1	2	293.8666667	ug/kg	80	ug/kg	N	Y	0.272232305
BIST006	MB012F0611	Spot	Whole Body	Benzo(a)pyrene	2B	3	1	2	293.8666667	ug/kg	60	ug/kg	N	Y	0.204174229
BIST006	MB012F0619	Spot	Whole Body	Benzo(a)pyrene	2B	3	1	2	293.8666667	ug/kg	60	ug/kg	N	Y	0.204174229
BIST015	LB032F1506	Spot	Whole Body	Benzo(a)pyrene	2B	4	1	3	3320.25	ug/kg	40	ug/kg	N	Y	0.012047286
BIST025	LB132F2503	Spot	Whole Body	Benzo(a)pyrene	2B	2	1	1	267.5	ug/kg	60	ug/kg	N	Y	0.224299065
BIST006	MB012F0607	Spot	Whole Body	Benzo(b)fluoranthene	2B	3	1	2	316.3333333	ug/kg	80	ug/kg	N	Y	0.252897787
BIST006	MB012F0611	Spot	Whole Body	Benzo(b)fluoranthene	2B	3	1	2	316.3333333	ug/kg	60	ug/kg	N	Y	0.18967334
BIST006	MB012F0619	Spot	Whole Body	Benzo(b)fluoranthene	2B	3	1	2	316.3333333	ug/kg	60	ug/kg	N	Y	0.18967334
BIST015	LB032F1506	Spot	Whole Body	Benzo(b)fluoranthene	2B	4	1	3	3402.5	ug/kg	40	ug/kg	N	Y	0.011756062
BIST025	LB132F2503	Spot	Whole Body	Benzo(b)fluoranthene	2B	2	2	0	182	ug/kg	60	ug/kg	N	Y	0.32967033
BIST006	MB012F0607	Spot	Whole Body	Benzo(g,h,i)perylene	2B	3	1	2	297.0333333	ug/kg	80	ug/kg	N	Y	0.269330042
BIST006	MB012F0611	Spot	Whole Body	Benzo(g,h,i)perylene	2B	3	1	2	297.0333333	ug/kg	60	ug/kg	N	Y	0.201997531
BIST006	MB012F0619	Spot	Whole Body	Benzo(g,h,i)perylene	2B	3	1	2	297.0333333	ug/kg	60	ug/kg	N	Y	0.201997531
BIST015	LB032F1506	Spot	Whole Body	Benzo(g,h,i)perylene	2B	4	1	3	3187	ug/kg	40	ug/kg	N	Y	0.012550988
BIST025	LB132F2503	Spot	Whole Body	Benzo(g,h,i)perylene	2B	2	1	1	245	ug/kg	60	ug/kg	N	Y	0.244897959
BIST006	MB012F0607	Spot	Whole Body	Benzo(k)fluoranthene	2B	3	1	2	282.2333333	ug/kg	80	ug/kg	N	Y	0.283453407
BIST006	MB012F0611	Spot	Whole Body	Benzo(k)fluoranthene	2B	3	1	2	282.2333333	ug/kg	60	ug/kg	N	Y	0.212590056
BIST006	MB012F0619	Spot	Whole Body	Benzo(k)fluoranthene	2B	3	1	2	282.2333333	ug/kg	60	ug/kg	N	Y	0.212590056
BIST015	LB032F1506	Spot	Whole Body	Benzo(k)fluoranthene	2B	4	1	3	3196.25	ug/kg	40	ug/kg	N	Y	0.012514666
BIST025	LB132F2503	Spot	Whole Body	Benzo(k)fluoranthene	2B	2	2	0	79.8	ug/kg	60	ug/kg	N	Y	0.751879699
BIST006	MB012F0607	Spot	Whole Body	beta-BHC	2B	3	1	2	5.316666667	ug/kg	60	ug/kg	Y	Y	11.28526646
BIST006	MB012F0611	Spot	Whole Body	beta-BHC	2B	3	1	2	5.316666667	ug/kg	67	ug/kg	Y	Y	12.60188088
BIST006	MB012F0619	Spot	Whole Body	beta-BHC	2B	3	1	2	5.316666667	ug/kg	42	ug/kg	Y	Y	7.89968652
BIST015	LB032F1504	Spot	Whole Body	beta-BHC	2B	3	0	3	11.06666667	ug/kg	68	ug/kg	Y	Y	6.144578313
BIST015	LB032F1506	Spot	Whole Body	beta-BHC	2B	3	0	3	11.06666667	ug/kg	17	ug/kg	Y	Y	1.536144578
BIST025	LB132F2503	Spot	Whole Body	beta-BHC	2B	2	2	0	220	ug/kg	130	ug/kg	Y	Y	0.590909091
BIST006	MB012F0607	Spot	Whole Body	Cadmium	2B	3	1	2	0.225	mg/kg	0.0015	mg/kg	N	Y	0.006666667
BIST006	MB012F0611	Spot	Whole Body	Cadmium	2B	3	1	2	0.225	mg/kg	0.0015	mg/kg	N	Y	0.006666667
BIST006	MB012F0619	Spot	Whole Body	Cadmium	2B	3	1	2	0.225	mg/kg	0.0015	mg/kg	N	Y	0.006666667
BIST015	LB032F1504	Spot	Whole Body	Cadmium	2B	4	1	3	0.44	mg/kg	0.0015	mg/kg	N	Y	0.003409091
BIST015	LB032F1506	Spot	Whole Body	Cadmium	2B	4	1	3	0.44	mg/kg	0.0015	mg/kg	N	Y	0.003409091
BIST025	LB132F2503	Spot	Whole Body	Cadmium	2B	2	1	1	0.26	mg/kg	0.0015	mg/kg	N	Y	0.005769231
BIST006	MB012F0607	Spot	Whole Body	Chromium	2B	2	2	0	57.1	mg/kg	0.62	mg/kg	Y	Y	0.010858144
BIST006	MB012F0611	Spot	Whole Body	Chromium	2B	2	2	0	57.1	mg/kg	0.3	mg/kg	Y	Y	0.00525394
BIST006	MB012F0619	Spot	Whole Body	Chromium	2B	2	2	0	57.1	mg/kg	0.35	mg/kg	Y	Y	0.006129597
BIST015	LB032F1504	Spot	Whole Body	Chromium	2B	3	3	0	48.83333333	mg/kg	0.34	mg/kg	Y	Y	0.006962457
BIST015	LB032F1506	Spot	Whole Body	Chromium	2B	3	3	0	48.83333333	mg/kg	0.58	mg/kg	Y	Y	0.011877133
BIST025	LB132F2503	Spot	Whole Body	Chromium	2B	1	1	0	25.4	mg/kg	0.22	mg/kg	Y	Y	0.008661417

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0607	Spot	Whole Body	Chrysene	2B	3	1	2	299	ug/kg	80	ug/kg	N	Y	0.267558528
BIST006	MB012F0611	Spot	Whole Body	Chrysene	2B	3	1	2	299	ug/kg	60	ug/kg	N	Y	0.200668896
BIST006	MB012F0619	Spot	Whole Body	Chrysene	2B	3	1	2	299	ug/kg	60	ug/kg	N	Y	0.200668896
BIST015	LB032F1506	Spot	Whole Body	Chrysene	2B	4	1	3	3360	ug/kg	40	ug/kg	N	Y	0.011904762
BIST025	LB132F2503	Spot	Whole Body	Chrysene	2B	2	2	0	173	ug/kg	60	ug/kg	N	Y	0.346820809
BIST006	MB012F0607	Spot	Whole Body	Copper	2B	3	3	0	42.86666667	mg/kg	0.6	mg/kg	Y	Y	0.01399689
BIST006	MB012F0611	Spot	Whole Body	Copper	2B	3	3	0	42.86666667	mg/kg	0.55	mg/kg	Y	Y	0.012830482
BIST006	MB012F0619	Spot	Whole Body	Copper	2B	3	3	0	42.86666667	mg/kg	0.81	mg/kg	Y	Y	0.018895801
BIST015	LB032F1504	Spot	Whole Body	Copper	2B	4	4	0	182.85	mg/kg	0.86	mg/kg	Y	Y	0.004703309
BIST015	LB032F1506	Spot	Whole Body	Copper	2B	4	4	0	182.85	mg/kg	9	mg/kg	Y	Y	0.049220673
BIST025	LB132F2503	Spot	Whole Body	Copper	2B	2	2	0	74.15	mg/kg	0.65	mg/kg	Y	Y	0.008766015
BIST006	MB012F0607	Spot	Whole Body	delta-BHC	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	delta-BHC	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0619	Spot	Whole Body	delta-BHC	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	delta-BHC	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST015	LB032F1506	Spot	Whole Body	delta-BHC	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST025	LB132F2503	Spot	Whole Body	delta-BHC	2B	2	2	0	31.1	ug/kg	5	ug/kg	N	Y	0.160771704
BIST006	MB012F0607	Spot	Whole Body	Dibenzo(a,h)anthracene	2B	3	1	2	279.3666667	ug/kg	80	ug/kg	N	Y	0.286362009
BIST006	MB012F0611	Spot	Whole Body	Dibenzo(a,h)anthracene	2B	3	1	2	279.3666667	ug/kg	60	ug/kg	N	Y	0.214771507
BIST006	MB012F0619	Spot	Whole Body	Dibenzo(a,h)anthracene	2B	3	1	2	279.3666667	ug/kg	60	ug/kg	N	Y	0.214771507
BIST015	LB032F1506	Spot	Whole Body	Dibenzo(a,h)anthracene	2B	4	1	3	3125	ug/kg	40	ug/kg	N	Y	0.0128
BIST025	LB132F2503	Spot	Whole Body	Dibenzo(a,h)anthracene	2B	2	1	1	203.4	ug/kg	60	ug/kg	N	Y	0.294985251
BIST006	MB012F0607	Spot	Whole Body	Endosulfan I	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	Endosulfan I	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0619	Spot	Whole Body	Endosulfan I	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	Endosulfan I	2B	3	1	2	10.51666667	ug/kg	5	ug/kg	N	Y	0.475435816
BIST015	LB032F1506	Spot	Whole Body	Endosulfan I	2B	3	1	2	10.51666667	ug/kg	5	ug/kg	N	Y	0.475435816
BIST025	LB132F2503	Spot	Whole Body	Endosulfan I	2B	2	0	2	14.75	ug/kg	5	ug/kg	N	Y	0.338983051
BIST006	MB012F0607	Spot	Whole Body	Endosulfan II	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0611	Spot	Whole Body	Endosulfan II	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0619	Spot	Whole Body	Endosulfan II	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST015	LB032F1504	Spot	Whole Body	Endosulfan II	2B	3	0	3	14.41666667	ug/kg	5	ug/kg	N	Y	0.346820809
BIST015	LB032F1506	Spot	Whole Body	Endosulfan II	2B	3	0	3	14.41666667	ug/kg	5	ug/kg	N	Y	0.346820809
BIST025	LB132F2503	Spot	Whole Body	Endosulfan II	2B	2	0	2	23.25	ug/kg	5	ug/kg	N	Y	0.215053763
BIST006	MB012F0607	Spot	Whole Body	Endrin	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0611	Spot	Whole Body	Endrin	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST006	MB012F0619	Spot	Whole Body	Endrin	2B	3	0	3	5.5	ug/kg	5	ug/kg	N	Y	0.909090909
BIST015	LB032F1504	Spot	Whole Body	Endrin	2B	3	1	2	15.2	ug/kg	5	ug/kg	N	Y	0.328947368
BIST015	LB032F1506	Spot	Whole Body	Endrin	2B	3	1	2	15.2	ug/kg	5	ug/kg	N	Y	0.328947368
BIST025	LB132F2503	Spot	Whole Body	Endrin	2B	2	1	1	8	ug/kg	5	ug/kg	N	Y	0.625
BIST006	MB012F0607	Spot	Whole Body	Fluoranthene	2B	3	1	2	313	ug/kg	80	ug/kg	N	Y	0.255591054
BIST006	MB012F0611	Spot	Whole Body	Fluoranthene	2B	3	1	2	313	ug/kg	60	ug/kg	N	Y	0.191693291
BIST006	MB012F0619	Spot	Whole Body	Fluoranthene	2B	3	1	2	313	ug/kg	60	ug/kg	N	Y	0.191693291
BIST015	LB032F1506	Spot	Whole Body	Fluoranthene	2B	4	1	3	3710	ug/kg	40	ug/kg	N	Y	0.010781671
BIST025	LB132F2503	Spot	Whole Body	Fluoranthene	2B	2	2	0	122.5	ug/kg	60	ug/kg	N	Y	0.489795918
BIST006	MB012F0607	Spot	Whole Body	Fluorene	2B	3	1	2	278.2666667	ug/kg	80	ug/kg	N	Y	0.287494011
BIST006	MB012F0611	Spot	Whole Body	Fluorene	2B	3	1	2	278.2666667	ug/kg	60	ug/kg	N	Y	0.215620508
BIST006	MB012F0619	Spot	Whole Body	Fluorene	2B	3	1	2	278.2666667	ug/kg	60	ug/kg	N	Y	0.215620508
BIST015	LB032F1506	Spot	Whole Body	Fluorene	2B	4	1	3	3156.25	ug/kg	40	ug/kg	N	Y	0.012673267
BIST025	LB132F2503	Spot	Whole Body	Fluorene	2B	2	1	1	189.95	ug/kg	60	ug/kg	N	Y	0.315872598
BIST006	MB012F0607	Spot	Whole Body	gamma-BHC (Lindane)	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	gamma-BHC (Lindane)	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0619	Spot	Whole Body	gamma-BHC (Lindane)	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	gamma-BHC (Lindane)	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229

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									Sediment Samples			Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB032F1506	Spot	Whole Body	gamma-BHC (Lindane)	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST025	LB132F2503	Spot	Whole Body	gamma-BHC (Lindane)	2B	2	1	1	12.5	ug/kg	5	ug/kg	N	Y	0.4
BIST006	MB012F0607	Spot	Whole Body	gamma-Chlordane	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	gamma-Chlordane	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0619	Spot	Whole Body	gamma-Chlordane	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	gamma-Chlordane	2B	3	1	2	10.96666667	ug/kg	5	ug/kg	N	Y	0.455927052
BIST015	LB032F1506	Spot	Whole Body	gamma-Chlordane	2B	3	1	2	10.96666667	ug/kg	5	ug/kg	N	Y	0.455927052
BIST025	LB132F2503	Spot	Whole Body	gamma-Chlordane	2B	2	2	0	13.9	ug/kg	5	ug/kg	N	Y	0.35971223
BIST006	MB012F0607	Spot	Whole Body	Heptachlor	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	Heptachlor	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0619	Spot	Whole Body	Heptachlor	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	Heptachlor	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST015	LB032F1506	Spot	Whole Body	Heptachlor	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST025	LB132F2503	Spot	Whole Body	Heptachlor	2B	2	1	1	33.75	ug/kg	5	ug/kg	N	Y	0.148148148
BIST006	MB012F0607	Spot	Whole Body	Heptachlor Epoxide	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST006	MB012F0611	Spot	Whole Body	Heptachlor Epoxide	2B	3	0	3	4.3	ug/kg	19	ug/kg	Y	Y	4.418604651
BIST006	MB012F0619	Spot	Whole Body	Heptachlor Epoxide	2B	3	0	3	4.3	ug/kg	5	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	Heptachlor Epoxide	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST015	LB032F1506	Spot	Whole Body	Heptachlor Epoxide	2B	3	0	3	11.06666667	ug/kg	5	ug/kg	N	Y	0.451807229
BIST025	LB132F2503	Spot	Whole Body	Heptachlor Epoxide	2B	2	0	2	14.75	ug/kg	5	ug/kg	N	Y	0.338983051
BIST006	MB012F0607	Spot	Whole Body	Hexachloro-1,3-butadiene	2B	3	0	3	283.3333333	ug/kg	80	ug/kg	N	Y	0.282352941
BIST006	MB012F0611	Spot	Whole Body	Hexachloro-1,3-butadiene	2B	3	0	3	283.3333333	ug/kg	60	ug/kg	N	Y	0.211764706
BIST006	MB012F0619	Spot	Whole Body	Hexachloro-1,3-butadiene	2B	3	0	3	283.3333333	ug/kg	60	ug/kg	N	Y	0.211764706
BIST015	LB032F1506	Spot	Whole Body	Hexachloro-1,3-butadiene	2B	4	1	3	3012.5	ug/kg	40	ug/kg	N	Y	0.013278008
BIST025	LB132F2503	Spot	Whole Body	Hexachloro-1,3-butadiene	2B	2	2	0	180	ug/kg	60	ug/kg	N	Y	0.333333333
BIST006	MB012F0607	Spot	Whole Body	Hexachlorobenzene	2B	3	0	3	283.3333333	ug/kg	80	ug/kg	N	Y	0.282352941
BIST006	MB012F0611	Spot	Whole Body	Hexachlorobenzene	2B	3	0	3	283.3333333	ug/kg	94	ug/kg	Y	Y	0.331764706
BIST006	MB012F0619	Spot	Whole Body	Hexachlorobenzene	2B	3	0	3	283.3333333	ug/kg	60	ug/kg	N	Y	0.211764706
BIST015	LB032F1506	Spot	Whole Body	Hexachlorobenzene	2B	4	0	4	3110	ug/kg	40	ug/kg	N	Y	0.012861736
BIST025	LB132F2503	Spot	Whole Body	Hexachlorobenzene	2B	2	2	0	1215	ug/kg	60	ug/kg	N	Y	0.049382716
BIST006	MB012F0607	Spot	Whole Body	Hexachloroethane	2B	3	0	3	283.3333333	ug/kg	80	ug/kg	N	Y	0.282352941
BIST006	MB012F0611	Spot	Whole Body	Hexachloroethane	2B	3	0	3	283.3333333	ug/kg	60	ug/kg	N	Y	0.211764706
BIST006	MB012F0619	Spot	Whole Body	Hexachloroethane	2B	3	0	3	283.3333333	ug/kg	60	ug/kg	N	Y	0.211764706
BIST015	LB032F1506	Spot	Whole Body	Hexachloroethane	2B	4	0	4	3110	ug/kg	40	ug/kg	N	Y	0.012861736
BIST025	LB132F2503	Spot	Whole Body	Hexachloroethane	2B	2	0	2	203.75	ug/kg	60	ug/kg	N	Y	0.294478528
BIST006	MB012F0607	Spot	Whole Body	Indeno(1,2,3-cd)pyrene	2B	3	1	2	291.8333333	ug/kg	80	ug/kg	N	Y	0.274129069
BIST006	MB012F0611	Spot	Whole Body	Indeno(1,2,3-cd)pyrene	2B	3	1	2	291.8333333	ug/kg	60	ug/kg	N	Y	0.205596802
BIST006	MB012F0619	Spot	Whole Body	Indeno(1,2,3-cd)pyrene	2B	3	1	2	291.8333333	ug/kg	60	ug/kg	N	Y	0.205596802
BIST015	LB032F1506	Spot	Whole Body	Indeno(1,2,3-cd)pyrene	2B	4	1	3	3197.5	ug/kg	40	ug/kg	N	Y	0.012509773
BIST025	LB132F2503	Spot	Whole Body	Indeno(1,2,3-cd)pyrene	2B	2	1	1	226.95	ug/kg	60	ug/kg	N	Y	0.264375413
BIST006	MB012F0607	Spot	Whole Body	Lead	2B	3	3	0	29.76666667	mg/kg	0.11	mg/kg	Y	Y	0.003695409
BIST006	MB012F0611	Spot	Whole Body	Lead	2B	3	3	0	29.76666667	mg/kg	0.12	mg/kg	Y	Y	0.004031355
BIST006	MB012F0619	Spot	Whole Body	Lead	2B	3	3	0	29.76666667	mg/kg	0.11	mg/kg	Y	Y	0.003695409
BIST015	LB032F1504	Spot	Whole Body	Lead	2B	4	4	0	88.15	mg/kg	0.21	mg/kg	Y	Y	0.002382303
BIST015	LB032F1506	Spot	Whole Body	Lead	2B	4	4	0	88.15	mg/kg	0.78	mg/kg	Y	Y	0.008848554
BIST025	LB132F2503	Spot	Whole Body	Lead	2B	2	2	0	39.35	mg/kg	0.22	mg/kg	Y	Y	0.005590851
BIST006	MB012F0607	Spot	Whole Body	Mercury	2B	3	3	0	0.309	mg/kg	0.101	mg/kg	Y	Y	0.326860841
BIST006	MB012F0611	Spot	Whole Body	Mercury	2B	3	3	0	0.309	mg/kg	0.091	mg/kg	Y	Y	0.294498382
BIST006	MB012F0619	Spot	Whole Body	Mercury	2B	3	3	0	0.309	mg/kg	0.062	mg/kg	Y	Y	0.200647249
BIST015	LB032F1504	Spot	Whole Body	Mercury	2B	4	4	0	3.1375	mg/kg	0.116	mg/kg	Y	Y	0.036972112
BIST015	LB032F1506	Spot	Whole Body	Mercury	2B	4	4	0	3.1375	mg/kg	0.163	mg/kg	Y	Y	0.051952191
BIST025	LB132F2503	Spot	Whole Body	Mercury	2B	2	2	0	1.78	mg/kg	0.121	mg/kg	Y	Y	0.067977528
BIST006	MB012F0607	Spot	Whole Body	Methoxychlor	2B	3	0	3	16	ug/kg	21	ug/kg	N	Y	1.3125
BIST006	MB012F0611	Spot	Whole Body	Methoxychlor	2B	3	0	3	16	ug/kg	21	ug/kg	N	Y	1.3125

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							Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0619	Spot	Whole Body	Methoxychlor	2B	3	0	3	16	ug/kg	21	ug/kg	N	Y	1.3125
BIST015	LB032F1504	Spot	Whole Body	Methoxychlor	2B	3	1	2	37.33333333	ug/kg	21	ug/kg	N	Y	0.5625
BIST015	LB032F1506	Spot	Whole Body	Methoxychlor	2B	3	1	2	37.33333333	ug/kg	10.5	ug/kg	N	Y	0.28125
BIST025	LB132F2503	Spot	Whole Body	Methoxychlor	2B	2	0	2	93.5	ug/kg	21	ug/kg	N	Y	0.22459893
BIST006	MB012F0607	Spot	Whole Body	Nickel	2B	3	3	0	13.1	mg/kg	0.31	mg/kg	Y	Y	0.023664122
BIST006	MB012F0611	Spot	Whole Body	Nickel	2B	3	3	0	13.1	mg/kg	0.07	mg/kg	Y	Y	0.005343511
BIST006	MB012F0619	Spot	Whole Body	Nickel	2B	3	3	0	13.1	mg/kg	0.13	mg/kg	Y	Y	0.009923664
BIST015	LB032F1504	Spot	Whole Body	Nickel	2B	4	4	0	37.15	mg/kg	0.11	mg/kg	Y	Y	0.002960969
BIST015	LB032F1506	Spot	Whole Body	Nickel	2B	4	4	0	37.15	mg/kg	0.25	mg/kg	Y	Y	0.006729475
BIST025	LB132F2503	Spot	Whole Body	Nickel	2B	2	2	0	22.65	mg/kg	0.1	mg/kg	Y	Y	0.004415011
BIST006	MB012F0607	Spot	Whole Body	OCDD	2B	1	1	0	3800	ng/kg	6.21	ng/kg	Y	Y	0.001634211
BIST015	LB032F1504	Spot	Whole Body	OCDD	2B	1	1	0	12000	ng/kg	5.76	ng/kg	Y	Y	0.00048
BIST006	MB012F0607	Spot	Whole Body	OCDF	2B	1	1	0	350	ng/kg	5.56	ng/kg	Y	Y	0.015885714
BIST015	LB032F1504	Spot	Whole Body	OCDF	2B	1	1	0	38000	ng/kg	27.8	ng/kg	Y	Y	0.000731579
BIST006	MB012F0607	Spot	Whole Body	PCB-105	2B	1	1	0	11700	ng/kg	11500	ng/kg	Y	Y	0.982905983
BIST015	LB032F1504	Spot	Whole Body	PCB-105	2B	1	1	0	4450	ng/kg	4370	ng/kg	Y	Y	0.982022472
BIST006	MB012F0607	Spot	Whole Body	PCB-114	2B	1	1	0	361	ng/kg	621	ng/kg	Y	Y	1.720221607
BIST015	LB032F1504	Spot	Whole Body	PCB-114	2B	1	1	0	351	ng/kg	414	ng/kg	Y	Y	1.179487179
BIST006	MB012F0607	Spot	Whole Body	PCB-118	2B	1	1	0	41200	ng/kg	44400	ng/kg	Y	Y	1.077669903
BIST015	LB032F1504	Spot	Whole Body	PCB-118	2B	1	1	0	11900	ng/kg	17200	ng/kg	Y	Y	1.445378151
BIST006	MB012F0607	Spot	Whole Body	PCB-126	2B	1	1	0	436	ng/kg	319	ng/kg	Y	Y	0.731651376
BIST015	LB032F1504	Spot	Whole Body	PCB-126	2B	1	1	0	310	ng/kg	113	ng/kg	Y	Y	0.364516129
BIST006	MB012F0607	Spot	Whole Body	PCB-156	2B	1	1	0	6800	ng/kg	5090	ng/kg	Y	Y	0.748529412
BIST015	LB032F1504	Spot	Whole Body	PCB-156	2B	1	1	0	1680	ng/kg	2330	ng/kg	Y	Y	1.386904762
BIST006	MB012F0607	Spot	Whole Body	PCB-157	2B	1	1	0	2840	ng/kg	1330	ng/kg	Y	Y	0.468309859
BIST015	LB032F1504	Spot	Whole Body	PCB-157	2B	1	1	0	431	ng/kg	613	ng/kg	Y	Y	1.422273782
BIST006	MB012F0607	Spot	Whole Body	PCB-167	2B	1	1	0	5010	ng/kg	3180	ng/kg	Y	Y	0.634730539
BIST015	LB032F1504	Spot	Whole Body	PCB-167	2B	1	1	0	1210	ng/kg	1610	ng/kg	Y	Y	1.330578512
BIST006	MB012F0607	Spot	Whole Body	PCB-169	2B	1	1	0	16.5	ng/kg	12.85	ng/kg	N	Y	0.778787879
BIST015	LB032F1504	Spot	Whole Body	PCB-169	2B	1	1	0	135	ng/kg	12.3	ng/kg	N	Y	0.091111111
BIST006	MB012F0607	Spot	Whole Body	PCB-189	2B	1	1	0	739	ng/kg	579	ng/kg	Y	Y	0.783491204
BIST015	LB032F1504	Spot	Whole Body	PCB-189	2B	1	1	0	929	ng/kg	509	ng/kg	Y	Y	0.547900969
BIST006	MB012F0607	Spot	Whole Body	Pentachlorophenol	2B	3	0	3	713.3333333	ug/kg	200	ug/kg	N	Y	0.280373832
BIST006	MB012F0611	Spot	Whole Body	Pentachlorophenol	2B	3	0	3	713.3333333	ug/kg	150	ug/kg	N	Y	0.210280374
BIST006	MB012F0619	Spot	Whole Body	Pentachlorophenol	2B	3	0	3	713.3333333	ug/kg	150	ug/kg	N	Y	0.210280374
BIST015	LB032F1506	Spot	Whole Body	Pentachlorophenol	2B	3	0	3	10233.33333	ug/kg	100	ug/kg	N	Y	0.009771987
BIST025	LB132F2503	Spot	Whole Body	Pentachlorophenol	2B	2	0	2	510	ug/kg	150	ug/kg	N	Y	0.294117647
BIST006	MB012F0607	Spot	Whole Body	Phenanthrene	2B	3	1	2	285.5	ug/kg	80	ug/kg	N	Y	0.280210158
BIST006	MB012F0611	Spot	Whole Body	Phenanthrene	2B	3	1	2	285.5	ug/kg	60	ug/kg	N	Y	0.210157618
BIST006	MB012F0619	Spot	Whole Body	Phenanthrene	2B	3	1	2	285.5	ug/kg	60	ug/kg	N	Y	0.210157618
BIST015	LB032F1506	Spot	Whole Body	Phenanthrene	2B	4	1	3	3540	ug/kg	40	ug/kg	N	Y	0.011299435
BIST025	LB132F2503	Spot	Whole Body	Phenanthrene	2B	2	1	1	240	ug/kg	60	ug/kg	N	Y	0.25
BIST006	MB012F0607	Spot	Whole Body	Pyrene	2B	3	2	1	221	ug/kg	80	ug/kg	N	Y	0.36199095
BIST006	MB012F0611	Spot	Whole Body	Pyrene	2B	3	2	1	221	ug/kg	60	ug/kg	N	Y	0.271493213
BIST006	MB012F0619	Spot	Whole Body	Pyrene	2B	3	2	1	221	ug/kg	60	ug/kg	N	Y	0.271493213
BIST015	LB032F1506	Spot	Whole Body	Pyrene	2B	4	1	3	3537.5	ug/kg	40	ug/kg	N	Y	0.01130742
BIST025	LB132F2503	Spot	Whole Body	Pyrene	2B	2	2	0	240.5	ug/kg	60	ug/kg	N	Y	0.249480249
BIST006	MB012F0607	Spot	Whole Body	Selenium	2B	2	0	2	0.625	mg/kg	0.42	mg/kg	Y	Y	0.672
BIST006	MB012F0611	Spot	Whole Body	Selenium	2B	2	0	2	0.625	mg/kg	0.41	mg/kg	Y	Y	0.656
BIST006	MB012F0619	Spot	Whole Body	Selenium	2B	2	0	2	0.625	mg/kg	0.4	mg/kg	Y	Y	0.64
BIST015	LB032F1504	Spot	Whole Body	Selenium	2B	3	0	3	1.15	mg/kg	0.48	mg/kg	Y	Y	0.417391304
BIST015	LB032F1506	Spot	Whole Body	Selenium	2B	3	0	3	1.15	mg/kg	0.56	mg/kg	Y	Y	0.486956522
BIST025	LB132F2503	Spot	Whole Body	Selenium	2B	1	0	1	0.55	mg/kg	0.38	mg/kg	Y	Y	0.690909091
BIST006	MB012F0607	Spot	Whole Body	Total Chlordane (U=1/2; max ND)	2B	3	0	3	8.6	ug/kg	10	ug/kg	N	Y	1.162790698

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	Sediment Samples N	Detects	Non-detects	Average	Units	Tissue Sample Result	Units	Detect	Whole Body	BSAF
BIST006	MB012F0611	Spot	Whole Body	Total Chlordane (U=1/2; max ND)	2B	3	0	3	8.6	ug/kg	19	ug/kg	Y	Y	2.209302326
BIST006	MB012F0619	Spot	Whole Body	Total Chlordane (U=1/2; max ND)	2B	3	0	3	8.6	ug/kg	10	ug/kg	N	Y	1.162790698
BIST015	LB032F1504	Spot	Whole Body	Total Chlordane (U=1/2; max ND)	2B	3	1	2	22.03333333	ug/kg	10	ug/kg	N	Y	0.453857791
BIST015	LB032F1506	Spot	Whole Body	Total Chlordane (U=1/2; max ND)	2B	3	1	2	22.03333333	ug/kg	10	ug/kg	N	Y	0.453857791
BIST025	LB132F2503	Spot	Whole Body	Total Chlordane (U=1/2; max ND)	2B	2	2	0	37.14	ug/kg	10	ug/kg	N	Y	0.269251481
BIST006	MB012F0607	Spot	Whole Body	Total DDT (U=1/2; max ND)	2B	3	1	2	11.32666667	ug/kg	21	ug/kg	Y	Y	1.854031783
BIST006	MB012F0611	Spot	Whole Body	Total DDT (U=1/2; max ND)	2B	3	1	2	11.32666667	ug/kg	23	ug/kg	Y	Y	2.030606239
BIST006	MB012F0619	Spot	Whole Body	Total DDT (U=1/2; max ND)	2B	3	1	2	11.32666667	ug/kg	10	ug/kg	N	Y	0.882872278
BIST015	LB032F1504	Spot	Whole Body	Total DDT (U=1/2; max ND)	2B	3	1	2	30.86666667	ug/kg	10	ug/kg	N	Y	0.323974082
BIST015	LB032F1506	Spot	Whole Body	Total DDT (U=1/2; max ND)	2B	3	1	2	30.86666667	ug/kg	10	ug/kg	N	Y	0.323974082
BIST025	LB132F2503	Spot	Whole Body	Total DDT (U=1/2; max ND)	2B	2	2	0	78.2	ug/kg	22	ug/kg	Y	Y	0.281329923
BIST006	MB012F0607	Spot	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2B	1	1	0	24.0243	ng/kg	7.057096	ng/kg	Y	Y	0.293748247
BIST015	LB032F1504	Spot	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	2B	1	1	0	807.8	ng/kg	7.332568	ng/kg	Y	Y	0.009077207
BIST006	MB012F0607	Spot	Whole Body	Total HPAH (U=1/2; max ND)	2B	3	2	1	1823.9	ug/kg	160	ug/kg	N	Y	0.087724108
BIST006	MB012F0611	Spot	Whole Body	Total HPAH (U=1/2; max ND)	2B	3	2	1	1823.9	ug/kg	120	ug/kg	N	Y	0.065793081
BIST006	MB012F0619	Spot	Whole Body	Total HPAH (U=1/2; max ND)	2B	3	2	1	1823.9	ug/kg	120	ug/kg	N	Y	0.065793081
BIST015	LB032F1506	Spot	Whole Body	Total HPAH (U=1/2; max ND)	2B	4	2	2	16988.5	ug/kg	80	ug/kg	N	Y	0.004709068
BIST025	LB132F2503	Spot	Whole Body	Total HPAH (U=1/2; max ND)	2B	2	2	0	1842.15	ug/kg	120	ug/kg	N	Y	0.065141275
BIST006	MB012F0607	Spot	Whole Body	Total LPAH (U=1/2; max ND)	2B	3	1	2	728.0666667	ug/kg	160	ug/kg	N	Y	0.219760095
BIST006	MB012F0611	Spot	Whole Body	Total LPAH (U=1/2; max ND)	2B	3	1	2	728.0666667	ug/kg	491	ug/kg	Y	Y	0.674388792
BIST006	MB012F0619	Spot	Whole Body	Total LPAH (U=1/2; max ND)	2B	3	1	2	728.0666667	ug/kg	120	ug/kg	N	Y	0.164820071
BIST015	LB032F1506	Spot	Whole Body	Total LPAH (U=1/2; max ND)	2B	4	1	3	6923	ug/kg	80	ug/kg	N	Y	0.011555684
BIST025	LB132F2503	Spot	Whole Body	Total LPAH (U=1/2; max ND)	2B	2	2	0	1478.7	ug/kg	494	ug/kg	Y	Y	0.33407723
BIST006	MB012F0607	Spot	Whole Body	Total PAH (U=1/2; max ND)	2B	3	2	1	3115.3	ug/kg	160	ug/kg	N	Y	0.05135942
BIST006	MB012F0611	Spot	Whole Body	Total PAH (U=1/2; max ND)	2B	3	2	1	3115.3	ug/kg	1091	ug/kg	Y	Y	0.350207043
BIST006	MB012F0619	Spot	Whole Body	Total PAH (U=1/2; max ND)	2B	3	2	1	3115.3	ug/kg	120	ug/kg	N	Y	0.038519565
BIST015	LB032F1506	Spot	Whole Body	Total PAH (U=1/2; max ND)	2B	4	2	2	26936.5	ug/kg	80	ug/kg	N	Y	0.002969948
BIST025	LB132F2503	Spot	Whole Body	Total PAH (U=1/2; max ND)	2B	2	2	0	3320.85	ug/kg	1094	ug/kg	Y	Y	0.329433729
BIST006	MB012F0607	Spot	Whole Body	Total PCB Cong-209 (U=0, max RL)	2B	1	1	0	110770	ng/kg	97.7	ug/kg	Y	Y	0.000882008
BIST015	LB032F1504	Spot	Whole Body	Total PCB Cong-209 (U=0, max RL)	2B	1	1	0	79715	ng/kg	42.4	ug/kg	Y	Y	0.000531895
BIST006	MB012F0607	Spot	Whole Body	Total PCB Congs (U=1/2; max ND)	2B	1	1	0	110772.56	ng/kg	97764.45	ng/kg	Y	Y	0.882569203
BIST015	LB032F1504	Spot	Whole Body	Total PCB Congs (U=1/2; max ND)	2B	1	1	0	79739.8	ng/kg	42456.5	ng/kg	Y	Y	0.532438005
BIST006	MB012F0607	Spot	Whole Body	Total PCBs (U=0, max RL)	2B	3	3	0	183.3333333	ug/kg	186	ug/kg	Y	Y	1.014545455
BIST006	MB012F0611	Spot	Whole Body	Total PCBs (U=0, max RL)	2B	3	3	0	183.3333333	ug/kg	244	ug/kg	Y	Y	1.330909091
BIST006	MB012F0619	Spot	Whole Body	Total PCBs (U=0, max RL)	2B	3	3	0	183.3333333	ug/kg	117	ug/kg	Y	Y	0.638181818
BIST015	LB032F1504	Spot	Whole Body	Total PCBs (U=0, max RL)	2B	3	0	3	147.5	ug/kg	151	ug/kg	Y	Y	1.023728814
BIST015	LB032F1506	Spot	Whole Body	Total PCBs (U=0, max RL)	2B	3	0	3	147.5	ug/kg	65	ug/kg	Y	Y	0.440677966
BIST025	LB132F2503	Spot	Whole Body	Total PCBs (U=0, max RL)	2B	2	0	2	356	ug/kg	290	ug/kg	Y	Y	0.814606742
BIST006	MB012F0607	Spot	Whole Body	Total PCBs (U=1/2; max ND)	2B	3	3	0	378	ug/kg	211	ug/kg	Y	Y	0.558201058
BIST006	MB012F0611	Spot	Whole Body	Total PCBs (U=1/2; max ND)	2B	3	3	0	378	ug/kg	269	ug/kg	Y	Y	0.711640212
BIST006	MB012F0619	Spot	Whole Body	Total PCBs (U=1/2; max ND)	2B	3	3	0	378	ug/kg	142	ug/kg	Y	Y	0.375661376
BIST015	LB032F1504	Spot	Whole Body	Total PCBs (U=1/2; max ND)	2B	3	0	3	295	ug/kg	176	ug/kg	Y	Y	0.596610169
BIST015	LB032F1506	Spot	Whole Body	Total PCBs (U=1/2; max ND)	2B	3	0	3	295	ug/kg	90	ug/kg	Y	Y	0.305084746
BIST025	LB132F2503	Spot	Whole Body	Total PCBs (U=1/2; max ND)	2B	2	0	2	712	ug/kg	315	ug/kg	Y	Y	0.44241573
BIST006	MB012F0607	Spot	Whole Body	Zinc	2B	3	1	2	78.5	mg/kg	21.4	mg/kg	Y	Y	0.272611465
BIST006	MB012F0611	Spot	Whole Body	Zinc	2B	3	1	2	78.5	mg/kg	16.9	mg/kg	Y	Y	0.215286624
BIST006	MB012F0619	Spot	Whole Body	Zinc	2B	3	1	2	78.5	mg/kg	17.2	mg/kg	Y	Y	0.21910828
BIST015	LB032F1504	Spot	Whole Body	Zinc	2B	4	3	1	196.625	mg/kg	17.3	mg/kg	Y	Y	0.087984743
BIST015	LB032F1506	Spot	Whole Body	Zinc	2B	4	3	1	196.625	mg/kg	24.1	mg/kg	Y	Y	0.122568341
BIST025	LB132F2503	Spot	Whole Body	Zinc	2B	2	2	0	123	mg/kg	15.5	mg/kg	Y	Y	0.12601626
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,4,6,7,8-HpCDD	3A	40	40	0	387.5525	ng/kg	0.575	ng/kg	N	Y	0.00148367
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,4,6,7,8-HpCDD	3A	40	40	0	387.5525	ng/kg	0.337	ng/kg	N	Y	0.00086956
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,4,6,7,8-HpCDD	3A	40	40	0	387.5525	ng/kg	0.855	ng/kg	N	Y	0.002206153
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,4,6,7,8-HpCDF	3A	40	39	1	4644.3385	ng/kg	237	ng/kg	Y	Y	0.051029872

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,4,6,7,8-HpCDF	3A	40	39	1	4644.3385	ng/kg	108	ng/kg	Y	Y	0.023254119
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,4,6,7,8-HpCDF	3A	40	39	1	4644.3385	ng/kg	158	ng/kg	Y	Y	0.034019915
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,4,7,8,9-HpCDF	3A	40	40	0	1078.4995	ng/kg	0.555	ng/kg	N	Y	0.000514604
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,4,7,8,9-HpCDF	3A	40	40	0	1078.4995	ng/kg	0.3465	ng/kg	N	Y	0.00032128
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,4,7,8,9-HpCDF	3A	40	40	0	1078.4995	ng/kg	1.7	ng/kg	Y	Y	0.001576264
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,4,7,8-HxCDD	3A	40	30	10	22.0495	ng/kg	0.31	ng/kg	N	Y	0.014059276
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,4,7,8-HxCDD	3A	40	30	10	22.0495	ng/kg	0.2595	ng/kg	N	Y	0.011768974
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,4,7,8-HxCDD	3A	40	30	10	22.0495	ng/kg	0.2725	ng/kg	N	Y	0.012358557
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,4,7,8-HxCDF	3A	40	38	2	1699.068375	ng/kg	13.5	ng/kg	Y	Y	0.007945531
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,4,7,8-HxCDF	3A	40	38	2	1699.068375	ng/kg	3.73	ng/kg	Y	Y	0.002195321
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,4,7,8-HxCDF	3A	40	38	2	1699.068375	ng/kg	13.1	ng/kg	Y	Y	0.007710108
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,6,7,8-HxCDD	3A	40	34	6	27.62775	ng/kg	0.935	ng/kg	Y	Y	0.033842785
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,6,7,8-HxCDD	3A	40	34	6	27.62775	ng/kg	0.313	ng/kg	N	Y	0.011329189
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,6,7,8-HxCDD	3A	40	34	6	27.62775	ng/kg	0.759	ng/kg	Y	Y	0.027472378
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,6,7,8-HxCDF	3A	40	37	3	505.492375	ng/kg	57.2	ng/kg	Y	Y	0.113156999
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,6,7,8-HxCDF	3A	40	37	3	505.492375	ng/kg	21.6	ng/kg	Y	Y	0.042730615
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,6,7,8-HxCDF	3A	40	37	3	505.492375	ng/kg	36.5	ng/kg	Y	Y	0.072206826
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,7,8,9-HxCDD	3A	40	32	8	16.6321375	ng/kg	0.3085	ng/kg	N	Y	0.018548428
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,7,8,9-HxCDD	3A	40	32	8	16.6321375	ng/kg	0.2635	ng/kg	N	Y	0.015842822
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,7,8,9-HxCDD	3A	40	32	8	16.6321375	ng/kg	0.274	ng/kg	N	Y	0.01647413
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,7,8,9-HxCDF	3A	40	31	9	169.48615	ng/kg	0.411	ng/kg	N	Y	0.002424977
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,7,8,9-HxCDF	3A	40	31	9	169.48615	ng/kg	0.238	ng/kg	N	Y	0.001404245
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,7,8,9-HxCDF	3A	40	31	9	169.48615	ng/kg	1.15	ng/kg	Y	Y	0.006785215
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,7,8-PeCDD	3A	40	27	13	17.3453125	ng/kg	2.43	ng/kg	Y	Y	0.140095487
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,7,8-PeCDD	3A	40	27	13	17.3453125	ng/kg	0.693	ng/kg	Y	Y	0.039953157
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,7,8-PeCDD	3A	40	27	13	17.3453125	ng/kg	1.73	ng/kg	Y	Y	0.099738762
BIST015	LB033F1501	Striped mullet	Whole Body	1,2,3,7,8-PeCDF	3A	40	38	2	374.037225	ng/kg	24.5	ng/kg	Y	Y	0.065501502
BIST015	LB033F1502	Striped mullet	Whole Body	1,2,3,7,8-PeCDF	3A	40	38	2	374.037225	ng/kg	6.33	ng/kg	Y	Y	0.016923449
BIST015	LB033F1503	Striped mullet	Whole Body	1,2,3,7,8-PeCDF	3A	40	38	2	374.037225	ng/kg	27.4	ng/kg	Y	Y	0.073254741
BIST015	LB033F1501	Striped mullet	Whole Body	2,3,4,6,7,8-HxCDF	3A	40	33	7	231.4742375	ng/kg	2.06	ng/kg	Y	Y	0.008899479
BIST015	LB033F1502	Striped mullet	Whole Body	2,3,4,6,7,8-HxCDF	3A	40	33	7	231.4742375	ng/kg	0.59	ng/kg	Y	Y	0.00254888
BIST015	LB033F1503	Striped mullet	Whole Body	2,3,4,6,7,8-HxCDF	3A	40	33	7	231.4742375	ng/kg	1.96	ng/kg	Y	Y	0.008467465
BIST015	LB033F1501	Striped mullet	Whole Body	2,3,4,7,8-PeCDF	3A	40	36	4	291.75005	ng/kg	54.1	ng/kg	Y	Y	0.185432702
BIST015	LB033F1502	Striped mullet	Whole Body	2,3,4,7,8-PeCDF	3A	40	36	4	291.75005	ng/kg	13.1	ng/kg	Y	Y	0.044901449
BIST015	LB033F1503	Striped mullet	Whole Body	2,3,4,7,8-PeCDF	3A	40	36	4	291.75005	ng/kg	41.9	ng/kg	Y	Y	0.143616085
BIST015	LB033F1501	Striped mullet	Whole Body	2,3,7,8-TCDD	3A	40	31	9	6.4320875	ng/kg	1.99	ng/kg	Y	Y	0.309386338
BIST015	LB033F1502	Striped mullet	Whole Body	2,3,7,8-TCDD	3A	40	31	9	6.4320875	ng/kg	0.626	ng/kg	Y	Y	0.097324547
BIST015	LB033F1503	Striped mullet	Whole Body	2,3,7,8-TCDD	3A	40	31	9	6.4320875	ng/kg	1.24	ng/kg	Y	Y	0.192783447
BIST015	LB033F1501	Striped mullet	Whole Body	2,3,7,8-TCDF	3A	40	39	1	221.558475	ng/kg	101	ng/kg	Y	Y	0.455861596
BIST015	LB033F1502	Striped mullet	Whole Body	2,3,7,8-TCDF	3A	40	39	1	221.558475	ng/kg	31.1	ng/kg	Y	Y	0.140369264
BIST015	LB033F1503	Striped mullet	Whole Body	2,3,7,8-TCDF	3A	40	39	1	221.558475	ng/kg	118	ng/kg	Y	Y	0.532590775
BIST005	UB054F0516	Skipjack herring	Whole Body	2-Methylnaphthalene	3A	32	1	31	677.978125	ug/kg	91	ug/kg	Y	Y	0.13422262
BIST006	MB014F0628	White mullet	Whole Body	2-Methylnaphthalene	3A	31	1	30	719.8322581	ug/kg	25	ug/kg	N	Y	0.034730314
BIST015	LB033F1501	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	100	ug/kg	Y	Y	0.064510144
BIST015	LB033F1502	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB033F1503	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB033F1504	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB033F1505	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB033F1506	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	26	ug/kg	Y	Y	0.016772637
BIST015	LB033F1507	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	68	ug/kg	Y	Y	0.043866898
BIST015	LB033F1508	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB033F1509	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB033F1515	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	100	ug/kg	Y	Y	0.064510144
BIST015	LB033F1517	Striped mullet	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1518	Gulf menhaden	Whole Body	2-Methylnaphthalene	3A	121	7	114	1550.143802	ug/kg	49	ug/kg	Y	Y	0.031609971
BIST021	LB093F2101	Striped mullet	Whole Body	2-Methylnaphthalene	3A	64	1	63	640.4609375	ug/kg	25	ug/kg	N	Y	0.039034387
BIST005	UB054F0516	Skipjack herring	Whole Body	4,4'-DDD	3A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0628	White mullet	Whole Body	4,4'-DDD	3A	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST015	LB033F1501	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1502	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1503	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	21	ug/kg	N	Y	1.016999521
BIST015	LB033F1504	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1505	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1506	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1507	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	21	ug/kg	N	Y	1.016999521
BIST015	LB033F1508	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1509	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	8.5	ug/kg	N	Y	0.411642663
BIST015	LB033F1515	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1516	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB033F1517	Striped mullet	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	21	ug/kg	N	Y	1.016999521
BIST015	LB033F1518	Gulf menhaden	Whole Body	4,4'-DDD	3A	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST021	LB093F2101	Striped mullet	Whole Body	4,4'-DDD	3A	42	10	32	13.56928571	ug/kg	5	ug/kg	N	Y	0.368479234
BIST005	UB054F0516	Skipjack herring	Whole Body	4,4'-DDE	3A	31	8	23	3.492580645	ug/kg	31	ug/kg	Y	Y	8.875958253
BIST006	MB014F0628	White mullet	Whole Body	4,4'-DDE	3A	31	9	22	3.790967742	ug/kg	14	ug/kg	Y	Y	3.692988428
BIST015	LB033F1501	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	47	ug/kg	Y	Y	2.359895471
BIST015	LB033F1502	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB033F1503	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	44	ug/kg	Y	Y	2.209263845
BIST015	LB033F1504	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	14	ug/kg	Y	Y	0.702947587
BIST015	LB033F1505	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB033F1506	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	13	ug/kg	Y	Y	0.652737045
BIST015	LB033F1507	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	13	ug/kg	Y	Y	0.652737045
BIST015	LB033F1508	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	57	ug/kg	Y	Y	2.86200089
BIST015	LB033F1509	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	37	ug/kg	Y	Y	1.857790051
BIST015	LB033F1515	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB033F1516	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	15	ug/kg	Y	Y	0.753158129
BIST015	LB033F1517	Striped mullet	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	15	ug/kg	Y	Y	0.753158129
BIST015	LB033F1518	Gulf menhaden	Whole Body	4,4'-DDE	3A	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST021	LB093F2101	Striped mullet	Whole Body	4,4'-DDE	3A	42	8	34	12.85119048	ug/kg	5	ug/kg	N	Y	0.389069013
BIST005	UB054F0516	Skipjack herring	Whole Body	4,4'-DDT	3A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0628	White mullet	Whole Body	4,4'-DDT	3A	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST015	LB033F1501	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1502	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1503	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	21	ug/kg	N	Y	1.64970541
BIST015	LB033F1504	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1505	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1506	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1507	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	21	ug/kg	N	Y	1.64970541
BIST015	LB033F1508	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1509	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	8.5	ug/kg	N	Y	0.667737904
BIST015	LB033F1515	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1516	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB033F1517	Striped mullet	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	21	ug/kg	N	Y	1.64970541
BIST015	LB033F1518	Gulf menhaden	Whole Body	4,4'-DDT	3A	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST021	LB093F2101	Striped mullet	Whole Body	4,4'-DDT	3A	42	2	40	10.01785714	ug/kg	5	ug/kg	N	Y	0.499108734
BIST005	UB054F0516	Skipjack herring	Whole Body	Acenaphthene	3A	32	2	30	670.884375	ug/kg	25	ug/kg	N	Y	0.037264245
BIST006	MB014F0628	White mullet	Whole Body	Acenaphthene	3A	31	2	29	712.5096774	ug/kg	25	ug/kg	N	Y	0.035087243
BIST015	LB033F1501	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1502	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	Sediment Samples N	Detects	Non-detects	Average	Units	Tissue Sample Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1503	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1504	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1505	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1506	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1507	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1508	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1509	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1515	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1517	Striped mullet	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB033F1518	Gulf menhaden	Whole Body	Acenaphthene	3A	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST021	LB093F2101	Striped mullet	Whole Body	Acenaphthene	3A	65	2	63	638.5830769	ug/kg	25	ug/kg	N	Y	0.039149174
BIST005	UB054F0516	Skipjack herring	Whole Body	Acenaphthylene	3A	34	5	29	633.3058824	ug/kg	25	ug/kg	N	Y	0.039475395
BIST006	MB014F0628	White mullet	Whole Body	Acenaphthylene	3A	32	3	29	701.721875	ug/kg	25	ug/kg	N	Y	0.035626651
BIST015	LB033F1501	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1502	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1503	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1504	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1505	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1506	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1507	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1508	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1509	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1515	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1517	Striped mullet	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB033F1518	Gulf menhaden	Whole Body	Acenaphthylene	3A	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST021	LB093F2101	Striped mullet	Whole Body	Acenaphthylene	3A	67	3	64	624.6955224	ug/kg	25	ug/kg	N	Y	0.040019496
BIST005	UB054F0516	Skipjack herring	Whole Body	Aldrin	3A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0628	White mullet	Whole Body	Aldrin	3A	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST015	LB033F1501	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB033F1502	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB033F1503	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	15	ug/kg	Y	Y	0.709877788
BIST015	LB033F1504	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB033F1505	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	11	ug/kg	Y	Y	0.520577045
BIST015	LB033F1506	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB033F1507	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	12	ug/kg	Y	Y	0.56790223
BIST015	LB033F1508	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	24	ug/kg	Y	Y	1.135804461
BIST015	LB033F1509	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	18	ug/kg	Y	Y	0.851853346
BIST015	LB033F1515	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	11	ug/kg	Y	Y	0.520577045
BIST015	LB033F1516	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB033F1517	Striped mullet	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	12	ug/kg	Y	Y	0.56790223
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aldrin	3A	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST021	LB093F2101	Striped mullet	Whole Body	Aldrin	3A	42	13	29	22.76428571	ug/kg	5	ug/kg	N	Y	0.219642297
BIST005	UB054F0516	Skipjack herring	Whole Body	alpha-Chlordane	3A	31	3	28	2.45483871	ug/kg	5	ug/kg	N	Y	2.036793693
BIST006	MB014F0628	White mullet	Whole Body	alpha-Chlordane	3A	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST015	LB033F1501	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB033F1502	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB033F1503	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	10.5	ug/kg	N	Y	0.697669151
BIST015	LB033F1504	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB033F1505	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	12	ug/kg	Y	Y	0.797336172
BIST015	LB033F1506	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB033F1507	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	10.5	ug/kg	N	Y	0.697669151
BIST015	LB033F1508	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	18	ug/kg	Y	Y	1.196004259
BIST015	LB033F1509	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB033F1515	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1516	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB033F1517	Striped mullet	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	10.5	ug/kg	N	Y	0.697669151
BIST015	LB033F1518	Gulf menhaden	Whole Body	alpha-Chlordane	3A	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST021	LB093F2101	Striped mullet	Whole Body	alpha-Chlordane	3A	42	9	33	7.904880952	ug/kg	5	ug/kg	N	Y	0.632520595
BIST005	UB054F0516	Skipjack herring	Whole Body	Anthracene	3A	34	4	30	636.6176471	ug/kg	25	ug/kg	N	Y	0.039270039
BIST006	MB014F0628	White mullet	Whole Body	Anthracene	3A	32	3	29	695.046875	ug/kg	25	ug/kg	N	Y	0.035968797
BIST015	LB033F1501	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1502	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1503	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1504	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1505	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1506	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1507	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1508	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1509	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1515	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1517	Striped mullet	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB033F1518	Gulf menhaden	Whole Body	Anthracene	3A	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST021	LB093F2101	Striped mullet	Whole Body	Anthracene	3A	66	4	62	620.4242424	ug/kg	25	ug/kg	N	Y	0.040295008
BIST005	UB054F0516	Skipjack herring	Whole Body	Aroclor-1016	3A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0628	White mullet	Whole Body	Aroclor-1016	3A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB033F1501	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1502	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1503	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1504	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1505	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1506	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1507	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1508	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1509	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1515	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1516	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1517	Striped mullet	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aroclor-1016	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB093F2101	Striped mullet	Whole Body	Aroclor-1016	3A	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST005	UB054F0516	Skipjack herring	Whole Body	Aroclor-1221	3A	33	0	33	74.07575758	ug/kg	5	ug/kg	N	Y	0.067498466
BIST006	MB014F0628	White mullet	Whole Body	Aroclor-1221	3A	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST015	LB033F1501	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB033F1502	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB033F1503	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	21	ug/kg	N	Y	0.12488596
BIST015	LB033F1504	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	21	ug/kg	N	Y	0.12488596
BIST015	LB033F1505	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB033F1506	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB033F1507	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	21	ug/kg	N	Y	0.12488596
BIST015	LB033F1508	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB033F1509	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	85	ug/kg	N	Y	0.505490792
BIST015	LB033F1515	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB033F1516	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	21	ug/kg	N	Y	0.12488596
BIST015	LB033F1517	Striped mullet	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	85	ug/kg	N	Y	0.505490792
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aroclor-1221	3A	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST021	LB093F2101	Striped mullet	Whole Body	Aroclor-1221	3A	42	0	42	137.1904762	ug/kg	5	ug/kg	N	Y	0.036445679
BIST005	UB054F0516	Skipjack herring	Whole Body	Aroclor-1232	3A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0628	White mullet	Whole Body	Aroclor-1232	3A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB033F1501	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1502	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1503	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1504	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1505	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1506	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1507	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1508	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1509	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1515	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1516	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1517	Striped mullet	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aroclor-1232	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB093F2101	Striped mullet	Whole Body	Aroclor-1232	3A	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST005	UB054F0516	Skipjack herring	Whole Body	Aroclor-1242	3A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0628	White mullet	Whole Body	Aroclor-1242	3A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB033F1501	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1502	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1503	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1504	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1505	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1506	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1507	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1508	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1509	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1515	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1516	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1517	Striped mullet	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aroclor-1242	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB093F2101	Striped mullet	Whole Body	Aroclor-1242	3A	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST005	UB054F0516	Skipjack herring	Whole Body	Aroclor-1248	3A	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0628	White mullet	Whole Body	Aroclor-1248	3A	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB033F1501	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1502	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1503	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1504	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1505	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1506	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1507	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1508	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1509	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1515	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB033F1516	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	21	ug/kg	N	Y	0.244315177
BIST015	LB033F1517	Striped mullet	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	85	ug/kg	N	Y	0.988894765
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aroclor-1248	3A	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB093F2101	Striped mullet	Whole Body	Aroclor-1248	3A	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST005	UB054F0516	Skipjack herring	Whole Body	Aroclor-1254	3A	34	29	5	1288.955882	ug/kg	200	ug/kg	Y	Y	0.155164349
BIST006	MB014F0628	White mullet	Whole Body	Aroclor-1254	3A	33	29	4	1333.742424	ug/kg	320	ug/kg	Y	Y	0.239926386
BIST015	LB033F1501	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	410	ug/kg	Y	Y	4.128855067
BIST015	LB033F1502	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	160	ug/kg	Y	Y	1.611260514
BIST015	LB033F1503	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	950	ug/kg	Y	Y	9.566859301
BIST015	LB033F1504	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	570	ug/kg	Y	Y	5.74011558
BIST015	LB033F1505	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	440	ug/kg	Y	Y	4.430966413
BIST015	LB033F1506	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	160	ug/kg	Y	Y	1.611260514
BIST015	LB033F1507	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	820	ug/kg	Y	Y	8.257710133

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1508	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	2800	ug/kg	Y	Y	28.19705899
BIST015	LB033F1509	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	1200	ug/kg	Y	Y	12.08445385
BIST015	LB033F1515	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	380	ug/kg	Y	Y	3.82674372
BIST015	LB033F1516	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	630	ug/kg	Y	Y	6.344338273
BIST015	LB033F1517	Striped mullet	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	720	ug/kg	Y	Y	7.250672312
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aroclor-1254	3A	88	19	69	99.30113636	ug/kg	95	ug/kg	Y	Y	0.95668593
BIST021	LB093F2101	Striped mullet	Whole Body	Aroclor-1254	3A	42	8	34	85.31904762	ug/kg	100	ug/kg	Y	Y	1.172071217
BIST005	UB054F0516	Skipjack herring	Whole Body	Aroclor-1260	3A	33	2	31	39.65151515	ug/kg	94	ug/kg	Y	Y	2.37065342
BIST006	MB014F0628	White mullet	Whole Body	Aroclor-1260	3A	32	2	30	43.921875	ug/kg	160	ug/kg	Y	Y	3.642831732
BIST015	LB033F1501	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	290	ug/kg	Y	Y	3.312779905
BIST015	LB033F1502	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	97	ug/kg	Y	Y	1.108067761
BIST015	LB033F1503	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	360	ug/kg	Y	Y	4.112416434
BIST015	LB033F1504	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	260	ug/kg	Y	Y	2.970078536
BIST015	LB033F1505	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	280	ug/kg	Y	Y	3.198546115
BIST015	LB033F1506	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	100	ug/kg	Y	Y	1.142337898
BIST015	LB033F1507	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	300	ug/kg	Y	Y	3.427013695
BIST015	LB033F1508	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	1100	ug/kg	Y	Y	12.56571688
BIST015	LB033F1509	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	540	ug/kg	Y	Y	6.168624651
BIST015	LB033F1515	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	240	ug/kg	Y	Y	2.741610956
BIST015	LB033F1516	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	220	ug/kg	Y	Y	2.513143376
BIST015	LB033F1517	Striped mullet	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	260	ug/kg	Y	Y	2.970078536
BIST015	LB033F1518	Gulf menhaden	Whole Body	Aroclor-1260	3A	88	2	86	87.53977273	ug/kg	82	ug/kg	Y	Y	0.936717077
BIST021	LB093F2101	Striped mullet	Whole Body	Aroclor-1260	3A	42	2	40	72.25	ug/kg	73	ug/kg	Y	Y	1.010380623
BIST005	UB054F0516	Skipjack herring	Whole Body	Arsenic	3A	30	28	2	3.269666667	mg/kg	0.28	mg/kg	Y	Y	0.085635641
BIST006	MB014F0628	White mullet	Whole Body	Arsenic	3A	30	30	0	3.39	mg/kg	0.32	mg/kg	Y	Y	0.09439528
BIST015	LB033F1501	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.55	mg/kg	Y	Y	0.151470041
BIST015	LB033F1502	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.56	mg/kg	Y	Y	0.154224042
BIST015	LB033F1503	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.45	mg/kg	Y	Y	0.123930033
BIST015	LB033F1504	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.39	mg/kg	Y	Y	0.107406029
BIST015	LB033F1505	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.5	mg/kg	Y	Y	0.137700037
BIST015	LB033F1506	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.33	mg/kg	Y	Y	0.090882025
BIST015	LB033F1507	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.65	mg/kg	Y	Y	0.179010048
BIST015	LB033F1508	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.83	mg/kg	Y	Y	0.228582062
BIST015	LB033F1509	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.46	mg/kg	Y	Y	0.126684034
BIST015	LB033F1515	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.72	mg/kg	Y	Y	0.198288054
BIST015	LB033F1516	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.83	mg/kg	Y	Y	0.228582062
BIST015	LB033F1517	Striped mullet	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.74	mg/kg	Y	Y	0.203796055
BIST015	LB033F1518	Gulf menhaden	Whole Body	Arsenic	3A	111	97	14	3.631081081	mg/kg	0.8	mg/kg	Y	Y	0.22032006
BIST021	LB093F2101	Striped mullet	Whole Body	Arsenic	3A	62	47	15	3.161370968	mg/kg	0.4	mg/kg	Y	Y	0.126527385
BIST005	UB054F0516	Skipjack herring	Whole Body	Benzo(a)anthracene	3A	34	6	28	598.9029412	ug/kg	25	ug/kg	N	Y	0.041742991
BIST006	MB014F0628	White mullet	Whole Body	Benzo(a)anthracene	3A	32	5	27	654.35625	ug/kg	25	ug/kg	N	Y	0.038205488
BIST015	LB033F1501	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1502	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1503	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1504	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1505	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1506	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1507	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1508	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1509	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1515	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1517	Striped mullet	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB033F1518	Gulf menhaden	Whole Body	Benzo(a)anthracene	3A	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST021	LB093F2101	Striped mullet	Whole Body	Benzo(a)anthracene	3A	68	10	58	625.0485294	ug/kg	25	ug/kg	N	Y	0.039996894

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0516	Skipjack herring	Whole Body	Benzo(a)pyrene	3A	34	6	28	590.3970588	ug/kg	25	ug/kg	N	Y	0.042344384
BIST006	MB014F0628	White mullet	Whole Body	Benzo(a)pyrene	3A	32	5	27	645.05	ug/kg	25	ug/kg	N	Y	0.038756686
BIST015	LB033F1502	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1503	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1504	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1505	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1506	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1507	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1508	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1509	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1515	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1517	Striped mullet	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB033F1518	Gulf menhaden	Whole Body	Benzo(a)pyrene	3A	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST021	LB093F2101	Striped mullet	Whole Body	Benzo(a)pyrene	3A	68	8	60	619.7220588	ug/kg	25	ug/kg	N	Y	0.040340665
BIST005	UB054F0516	Skipjack herring	Whole Body	Benzo(b)fluoranthene	3A	34	5	29	639.9147059	ug/kg	25	ug/kg	N	Y	0.039067707
BIST006	MB014F0628	White mullet	Whole Body	Benzo(b)fluoranthene	3A	32	4	28	696.503125	ug/kg	25	ug/kg	N	Y	0.035893593
BIST015	LB033F1502	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1503	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1504	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1505	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1506	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1507	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1508	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1509	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1515	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1517	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB033F1518	Gulf menhaden	Whole Body	Benzo(b)fluoranthene	3A	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST021	LB093F2101	Striped mullet	Whole Body	Benzo(b)fluoranthene	3A	68	10	58	622.4191176	ug/kg	25	ug/kg	N	Y	0.040165861
BIST005	UB054F0516	Skipjack herring	Whole Body	Benzo(g,h,i)perylene	3A	34	5	29	629.0852941	ug/kg	25	ug/kg	N	Y	0.039740239
BIST006	MB014F0628	White mullet	Whole Body	Benzo(g,h,i)perylene	3A	32	4	28	686.396875	ug/kg	25	ug/kg	N	Y	0.036422077
BIST015	LB033F1502	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1503	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1504	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1505	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1506	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1507	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1508	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1509	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1515	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1517	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB033F1518	Gulf menhaden	Whole Body	Benzo(g,h,i)perylene	3A	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST021	LB093F2101	Striped mullet	Whole Body	Benzo(g,h,i)perylene	3A	66	5	61	632.1348485	ug/kg	25	ug/kg	N	Y	0.039548524
BIST005	UB054F0516	Skipjack herring	Whole Body	Benzo(k)fluoranthene	3A	34	5	29	630.9882353	ug/kg	25	ug/kg	N	Y	0.03962039
BIST006	MB014F0628	White mullet	Whole Body	Benzo(k)fluoranthene	3A	32	4	28	689.1625	ug/kg	25	ug/kg	N	Y	0.036275915
BIST015	LB033F1502	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1503	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1504	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1505	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1506	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1507	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1508	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1509	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1515	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB033F1517	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1518	Gulf menhaden	Whole Body	Benzo(k)fluoranthene	3A	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST021	LB093F2101	Striped mullet	Whole Body	Benzo(k)fluoranthene	3A	66	6	60	624.7772727	ug/kg	25	ug/kg	N	Y	0.04001426
BIST005	UB054F0516	Skipjack herring	Whole Body	beta-BHC	3A	31	2	29	2.940322581	ug/kg	31	ug/kg	Y	Y	10.54306089
BIST006	MB014F0628	White mullet	Whole Body	beta-BHC	3A	31	5	26	3.574193548	ug/kg	56	ug/kg	Y	Y	15.66787004
BIST015	LB033F1501	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	330	ug/kg	Y	Y	6.288777002
BIST015	LB033F1502	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	70	ug/kg	Y	Y	1.333983
BIST015	LB033F1503	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	190	ug/kg	Y	Y	3.620811001
BIST015	LB033F1504	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	130	ug/kg	Y	Y	2.477397001
BIST015	LB033F1505	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	120	ug/kg	Y	Y	2.286828001
BIST015	LB033F1506	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	94	ug/kg	Y	Y	1.791348601
BIST015	LB033F1507	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	220	ug/kg	Y	Y	4.192518001
BIST015	LB033F1508	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	440	ug/kg	Y	Y	8.385036002
BIST015	LB033F1509	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	270	ug/kg	Y	Y	5.145363001
BIST015	LB033F1515	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	220	ug/kg	Y	Y	4.192518001
BIST015	LB033F1516	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	140	ug/kg	Y	Y	2.667966001
BIST015	LB033F1517	Striped mullet	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	140	ug/kg	Y	Y	2.667966001
BIST015	LB033F1518	Gulf menhaden	Whole Body	beta-BHC	3A	88	41	47	52.47443182	ug/kg	5	ug/kg	N	Y	0.0952845
BIST021	LB093F2101	Striped mullet	Whole Body	beta-BHC	3A	42	20	22	39.7297619	ug/kg	45	ug/kg	Y	Y	1.132652144
BIST005	UB054F0516	Skipjack herring	Whole Body	Cadmium	3A	33	6	27	0.264424242	mg/kg	0.0025	mg/kg	N	Y	0.009454504
BIST006	MB014F0628	White mullet	Whole Body	Cadmium	3A	32	2	30	0.27940625	mg/kg	0.0025	mg/kg	N	Y	0.008947545
BIST015	LB033F1501	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1502	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.002	mg/kg	N	Y	0.005291548
BIST015	LB033F1503	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1504	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.005	mg/kg	N	Y	0.01322887
BIST015	LB033F1505	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0025	mg/kg	N	Y	0.006614435
BIST015	LB033F1506	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1507	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1508	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1509	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1515	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0025	mg/kg	N	Y	0.006614435
BIST015	LB033F1516	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1517	Striped mullet	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB033F1518	Gulf menhaden	Whole Body	Cadmium	3A	129	24	105	0.37796124	mg/kg	0.005	mg/kg	N	Y	0.01322887
BIST021	LB093F2101	Striped mullet	Whole Body	Cadmium	3A	68	13	55	0.358117647	mg/kg	0.0015	mg/kg	N	Y	0.004188568
BIST005	UB054F0516	Skipjack herring	Whole Body	Chromium	3A	30	30	0	95.83666667	mg/kg	0.24	mg/kg	Y	Y	0.002504261
BIST006	MB014F0628	White mullet	Whole Body	Chromium	3A	30	30	0	112.0066667	mg/kg	0.6	mg/kg	Y	Y	0.005356824
BIST015	LB033F1501	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.39	mg/kg	Y	Y	0.007300415
BIST015	LB033F1502	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.34	mg/kg	Y	Y	0.006364464
BIST015	LB033F1503	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.38	mg/kg	Y	Y	0.007113225
BIST015	LB033F1504	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.51	mg/kg	Y	Y	0.009546696
BIST015	LB033F1505	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.59	mg/kg	Y	Y	0.011044217
BIST015	LB033F1506	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.24	mg/kg	Y	Y	0.004492563
BIST015	LB033F1507	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.44	mg/kg	Y	Y	0.008236365
BIST015	LB033F1508	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.72	mg/kg	Y	Y	0.013477689
BIST015	LB033F1509	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.095	mg/kg	N	Y	0.001778306
BIST015	LB033F1515	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.29	mg/kg	Y	Y	0.005428514
BIST015	LB033F1516	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.62	mg/kg	Y	Y	0.011605788
BIST015	LB033F1517	Striped mullet	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.38	mg/kg	Y	Y	0.007113225
BIST015	LB033F1518	Gulf menhaden	Whole Body	Chromium	3A	111	111	0	53.42162162	mg/kg	0.78	mg/kg	Y	Y	0.01460083
BIST021	LB093F2101	Striped mullet	Whole Body	Chromium	3A	62	62	0	39.83709677	mg/kg	0.27	mg/kg	Y	Y	0.006777602
BIST005	UB054F0516	Skipjack herring	Whole Body	Chrysene	3A	34	7	27	614.9617647	ug/kg	25	ug/kg	N	Y	0.040652934
BIST006	MB014F0628	White mullet	Whole Body	Chrysene	3A	32	5	27	673.559375	ug/kg	25	ug/kg	N	Y	0.037116253
BIST015	LB033F1501	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1502	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1503	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1504	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1505	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1506	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1507	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1508	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1509	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1515	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1517	Striped mullet	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB033F1518	Gulf menhaden	Whole Body	Chrysene	3A	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST021	LB093F2101	Striped mullet	Whole Body	Chrysene	3A	69	13	56	638.7391304	ug/kg	25	ug/kg	N	Y	0.039139609
BIST005	UB054F0516	Skipjack herring	Whole Body	Copper	3A	33	33	0	40.75363636	mg/kg	1.6	mg/kg	Y	Y	0.0392603
BIST006	MB014F0628	White mullet	Whole Body	Copper	3A	32	31	1	49.069375	mg/kg	7.6	mg/kg	Y	Y	0.154882755
BIST015	LB033F1501	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	10.5	mg/kg	Y	Y	0.080309185
BIST015	LB033F1502	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	5	mg/kg	Y	Y	0.038242469
BIST015	LB033F1503	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	8.7	mg/kg	Y	Y	0.066541896
BIST015	LB033F1504	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	10.2	mg/kg	Y	Y	0.078014636
BIST015	LB033F1505	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	9.2	mg/kg	Y	Y	0.070366143
BIST015	LB033F1506	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	0.95	mg/kg	Y	Y	0.007266069
BIST015	LB033F1507	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	7.8	mg/kg	Y	Y	0.059658251
BIST015	LB033F1508	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	10.9	mg/kg	Y	Y	0.083368582
BIST015	LB033F1509	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	3.3	mg/kg	Y	Y	0.025240029
BIST015	LB033F1515	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	14.2	mg/kg	Y	Y	0.108608612
BIST015	LB033F1516	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	7	mg/kg	Y	Y	0.053539456
BIST015	LB033F1517	Striped mullet	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	5.4	mg/kg	Y	Y	0.041301866
BIST015	LB033F1518	Gulf menhaden	Whole Body	Copper	3A	132	132	0	130.744697	mg/kg	2.5	mg/kg	Y	Y	0.019121234
BIST021	LB093F2101	Striped mullet	Whole Body	Copper	3A	69	69	0	76.01449275	mg/kg	0.86	mg/kg	Y	Y	0.011313632
BIST005	UB054F0516	Skipjack herring	Whole Body	delta-BHC	3A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0628	White mullet	Whole Body	delta-BHC	3A	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST015	LB033F1501	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1502	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1503	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	10.5	ug/kg	N	Y	0.970282474
BIST015	LB033F1504	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1505	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1506	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1507	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	10.5	ug/kg	N	Y	0.970282474
BIST015	LB033F1508	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1509	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1515	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1516	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB033F1517	Striped mullet	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	10.5	ug/kg	N	Y	0.970282474
BIST015	LB033F1518	Gulf menhaden	Whole Body	delta-BHC	3A	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST021	LB093F2101	Striped mullet	Whole Body	delta-BHC	3A	42	13	29	9.926666667	ug/kg	5	ug/kg	N	Y	0.503693754
BIST005	UB054F0516	Skipjack herring	Whole Body	Dibenzo(a,h)anthracene	3A	33	2	31	658.2090909	ug/kg	25	ug/kg	N	Y	0.037981852
BIST006	MB014F0628	White mullet	Whole Body	Dibenzo(a,h)anthracene	3A	31	1	30	720.1	ug/kg	25	ug/kg	N	Y	0.0347174
BIST015	LB033F1502	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1503	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1504	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1505	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1506	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1507	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1508	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1509	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1515	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1517	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB033F1518	Gulf menhaden	Whole Body	Dibenzo(a,h)anthracene	3A	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST021	LB093F2101	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	3A	65	1	64	636.2446154	ug/kg	25	ug/kg	N	Y	0.039293063
BIST005	UB054F0516	Skipjack herring	Whole Body	Endosulfan I	3A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0628	White mullet	Whole Body	Endosulfan I	3A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB033F1501	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1502	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1503	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	10.5	ug/kg	N	Y	0.724649047
BIST015	LB033F1504	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1505	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1506	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1507	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	10.5	ug/kg	N	Y	0.724649047
BIST015	LB033F1508	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1509	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1515	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1516	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB033F1517	Striped mullet	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	10.5	ug/kg	N	Y	0.724649047
BIST015	LB033F1518	Gulf menhaden	Whole Body	Endosulfan I	3A	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST021	LB093F2101	Striped mullet	Whole Body	Endosulfan I	3A	42	3	39	8.861190476	ug/kg	5	ug/kg	N	Y	0.564258269
BIST005	UB054F0516	Skipjack herring	Whole Body	Endosulfan II	3A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0628	White mullet	Whole Body	Endosulfan II	3A	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST015	LB033F1501	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB033F1502	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB033F1503	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	21	ug/kg	N	Y	1.317787999
BIST015	LB033F1504	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB033F1505	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB033F1506	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB033F1507	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	21	ug/kg	N	Y	1.317787999
BIST015	LB033F1508	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	14	ug/kg	Y	Y	0.878525332
BIST015	LB033F1509	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	8.5	ug/kg	N	Y	0.53339038
BIST015	LB033F1515	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB033F1516	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB033F1517	Striped mullet	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	21	ug/kg	N	Y	1.317787999
BIST015	LB033F1518	Gulf menhaden	Whole Body	Endosulfan II	3A	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST021	LB093F2101	Striped mullet	Whole Body	Endosulfan II	3A	42	6	36	15.66190476	ug/kg	5	ug/kg	N	Y	0.319245971
BIST005	UB054F0516	Skipjack herring	Whole Body	Endrin	3A	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0628	White mullet	Whole Body	Endrin	3A	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST015	LB033F1501	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1502	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1503	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	21	ug/kg	N	Y	1.156025973
BIST015	LB033F1504	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1505	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1506	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1507	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	21	ug/kg	N	Y	1.156025973
BIST015	LB033F1508	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1509	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	8.5	ug/kg	N	Y	0.467915275
BIST015	LB033F1515	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1516	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB033F1517	Striped mullet	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	21	ug/kg	N	Y	1.156025973
BIST015	LB033F1518	Gulf menhaden	Whole Body	Endrin	3A	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST021	LB093F2101	Striped mullet	Whole Body	Endrin	3A	42	7	35	11.47738095	ug/kg	5	ug/kg	N	Y	0.435639456
BIST005	UB054F0516	Skipjack herring	Whole Body	Fluoranthene	3A	34	9	25	653.4735294	ug/kg	25	ug/kg	N	Y	0.038257097
BIST006	MB014F0628	White mullet	Whole Body	Fluoranthene	3A	32	6	26	712.5625	ug/kg	25	ug/kg	N	Y	0.035084642
BIST015	LB033F1501	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1502	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1503	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1504	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1505	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1506	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1507	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1508	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1509	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1515	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1517	Striped mullet	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB033F1518	Gulf menhaden	Whole Body	Fluoranthene	3A	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST021	LB093F2101	Striped mullet	Whole Body	Fluoranthene	3A	68	13	55	674.2352941	ug/kg	25	ug/kg	N	Y	0.037079044
BIST005	UB054F0516	Skipjack herring	Whole Body	Fluorene	3A	33	3	30	651.2606061	ug/kg	25	ug/kg	N	Y	0.038387091
BIST006	MB014F0628	White mullet	Whole Body	Fluorene	3A	31	2	29	712.9290323	ug/kg	25	ug/kg	N	Y	0.035066604
BIST015	LB033F1501	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1502	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1503	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1504	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1505	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1506	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1507	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1508	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1509	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1515	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1517	Striped mullet	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB033F1518	Gulf menhaden	Whole Body	Fluorene	3A	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST021	LB093F2101	Striped mullet	Whole Body	Fluorene	3A	64	1	63	647.3515625	ug/kg	25	ug/kg	N	Y	0.038618892
BIST005	UB054F0516	Skipjack herring	Whole Body	gamma-BHC (Lindane)	3A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0628	White mullet	Whole Body	gamma-BHC (Lindane)	3A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB033F1501	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1502	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1503	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	10.5	ug/kg	N	Y	1.182190379
BIST015	LB033F1504	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1505	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1506	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1507	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	10.5	ug/kg	N	Y	1.182190379
BIST015	LB033F1508	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1509	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1515	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1516	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB033F1517	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	10.5	ug/kg	N	Y	1.182190379
BIST015	LB033F1518	Gulf menhaden	Whole Body	gamma-BHC (Lindane)	3A	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST021	LB093F2101	Striped mullet	Whole Body	gamma-BHC (Lindane)	3A	42	5	37	7.685714286	ug/kg	5	ug/kg	N	Y	0.650557621
BIST005	UB054F0516	Skipjack herring	Whole Body	gamma-Chlordane	3A	31	3	28	2.471612903	ug/kg	5	ug/kg	N	Y	2.022970504
BIST006	MB014F0628	White mullet	Whole Body	gamma-Chlordane	3A	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST015	LB033F1501	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	46	ug/kg	Y	Y	2.863144791
BIST015	LB033F1502	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST015	LB033F1503	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	10.5	ug/kg	N	Y	0.65354392
BIST015	LB033F1504	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	12	ug/kg	Y	Y	0.746907337
BIST015	LB033F1505	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	20	ug/kg	Y	Y	1.244845561
BIST015	LB033F1506	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST015	LB033F1507	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	10.5	ug/kg	N	Y	0.65354392
BIST015	LB033F1508	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	47	ug/kg	Y	Y	2.925387069
BIST015	LB033F1509	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	28	ug/kg	Y	Y	1.742783786

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1515	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	29	ug/kg	Y	Y	1.805026064
BIST015	LB033F1516	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	19	ug/kg	Y	Y	1.182603283
BIST015	LB033F1517	Striped mullet	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	10.5	ug/kg	N	Y	0.65354392
BIST015	LB033F1518	Gulf menhaden	Whole Body	gamma-Chlordane	3A	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST021	LB093F2101	Striped mullet	Whole Body	gamma-Chlordane	3A	42	14	28	14.78309524	ug/kg	5	ug/kg	N	Y	0.338224162
BIST005	UB054F0516	Skipjack herring	Whole Body	Heptachlor	3A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0628	White mullet	Whole Body	Heptachlor	3A	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB033F1501	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1502	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1503	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	10.5	ug/kg	N	Y	0.705074399
BIST015	LB033F1504	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1505	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1506	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1507	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	10.5	ug/kg	N	Y	0.705074399
BIST015	LB033F1508	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1509	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1515	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1516	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB033F1517	Striped mullet	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	10.5	ug/kg	N	Y	0.705074399
BIST015	LB033F1518	Gulf menhaden	Whole Body	Heptachlor	3A	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST021	LB093F2101	Striped mullet	Whole Body	Heptachlor	3A	42	6	36	15.68571429	ug/kg	5	ug/kg	N	Y	0.318761384
BIST005	UB054F0516	Skipjack herring	Whole Body	Heptachlor Epoxide	3A	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0628	White mullet	Whole Body	Heptachlor Epoxide	3A	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST015	LB033F1501	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1502	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1503	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	10.5	ug/kg	N	Y	0.735621935
BIST015	LB033F1504	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1505	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1506	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1507	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	10.5	ug/kg	N	Y	0.735621935
BIST015	LB033F1508	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1509	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1515	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1516	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB033F1517	Striped mullet	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	10.5	ug/kg	N	Y	0.735621935
BIST015	LB033F1518	Gulf menhaden	Whole Body	Heptachlor Epoxide	3A	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST021	LB093F2101	Striped mullet	Whole Body	Heptachlor Epoxide	3A	42	3	39	7.914285714	ug/kg	5	ug/kg	N	Y	0.631768953
BIST005	UB054F0516	Skipjack herring	Whole Body	Hexachloro-1,3-butadiene	3A	34	0	34	640.4411765	ug/kg	390	ug/kg	Y	Y	0.608955224
BIST006	MB014F0628	White mullet	Whole Body	Hexachloro-1,3-butadiene	3A	32	0	32	698.796875	ug/kg	300	ug/kg	Y	Y	0.429309304
BIST015	LB033F1501	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	640	ug/kg	Y	Y	0.461987074
BIST015	LB033F1502	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	240	ug/kg	Y	Y	0.173245153
BIST015	LB033F1503	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	340	ug/kg	Y	Y	0.245430633
BIST015	LB033F1504	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	170	ug/kg	Y	Y	0.122715317
BIST015	LB033F1505	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	260	ug/kg	Y	Y	0.187682249
BIST015	LB033F1506	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	110	ug/kg	Y	Y	0.079404028
BIST015	LB033F1507	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	400	ug/kg	Y	Y	0.288741921
BIST015	LB033F1508	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	470	ug/kg	Y	Y	0.339271758
BIST015	LB033F1509	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	870	ug/kg	Y	Y	0.628013679
BIST015	LB033F1515	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	490	ug/kg	Y	Y	0.353708854
BIST015	LB033F1516	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	580	ug/kg	Y	Y	0.418675786
BIST015	LB033F1517	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	1800	ug/kg	Y	Y	1.299338646
BIST015	LB033F1518	Gulf menhaden	Whole Body	Hexachloro-1,3-butadiene	3A	139	15	124	1385.320144	ug/kg	260	ug/kg	Y	Y	0.187682249
BIST021	LB093F2101	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	3A	74	6	68	599.9864865	ug/kg	770	ug/kg	Y	Y	1.283362238
BIST005	UB054F0516	Skipjack herring	Whole Body	Hexachlorobenzene	3A	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0628	White mullet	Whole Body	Hexachlorobenzene	3A	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST015	LB033F1501	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1502	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1503	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1504	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1505	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1506	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1507	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1508	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1509	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1515	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1517	Striped mullet	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB033F1518	Gulf menhaden	Whole Body	Hexachlorobenzene	3A	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST021	LB093F2101	Striped mullet	Whole Body	Hexachlorobenzene	3A	71	11	60	1111.549296	ug/kg	25	ug/kg	N	Y	0.02249113
BIST005	UB054F0516	Skipjack herring	Whole Body	Hexachloroethane	3A	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST006	MB014F0628	White mullet	Whole Body	Hexachloroethane	3A	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST015	LB033F1501	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1502	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1503	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1504	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1505	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1506	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1507	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1508	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1509	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1515	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1517	Striped mullet	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB033F1518	Gulf menhaden	Whole Body	Hexachloroethane	3A	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST021	LB093F2101	Striped mullet	Whole Body	Hexachloroethane	3A	71	0	71	589.9366197	ug/kg	25	ug/kg	N	Y	0.042377434
BIST005	UB054F0516	Skipjack herring	Whole Body	Indeno(1,2,3-cd)pyrene	3A	33	4	29	646.9818182	ug/kg	25	ug/kg	N	Y	0.038640962
BIST006	MB014F0628	White mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	31	3	28	707.4354839	ug/kg	25	ug/kg	N	Y	0.035338912
BIST015	LB033F1502	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1503	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1504	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1505	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1506	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1507	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1508	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1509	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1515	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1517	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB033F1518	Gulf menhaden	Whole Body	Indeno(1,2,3-cd)pyrene	3A	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST021	LB093F2101	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	3A	68	7	61	603.1161765	ug/kg	25	ug/kg	N	Y	0.041451384
BIST005	UB054F0516	Skipjack herring	Whole Body	Lead	3A	33	33	0	30.71666667	mg/kg	0.04	mg/kg	Y	Y	0.001302225
BIST006	MB014F0628	White mullet	Whole Body	Lead	3A	32	31	1	33.0890625	mg/kg	0.29	mg/kg	Y	Y	0.008764225
BIST015	LB033F1501	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	1.3	mg/kg	Y	Y	0.012984311
BIST015	LB033F1502	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.5	mg/kg	Y	Y	0.004993966
BIST015	LB033F1503	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.61	mg/kg	Y	Y	0.006092638
BIST015	LB033F1504	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.97	mg/kg	Y	Y	0.009688293
BIST015	LB033F1505	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	1.5	mg/kg	Y	Y	0.014981897
BIST015	LB033F1506	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.16	mg/kg	Y	Y	0.001598069
BIST015	LB033F1507	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.65	mg/kg	Y	Y	0.006492155
BIST015	LB033F1508	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	1.2	mg/kg	Y	Y	0.011985517
BIST015	LB033F1509	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.28	mg/kg	Y	Y	0.002796621

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1515	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	1	mg/kg	Y	Y	0.009987931
BIST015	LB033F1516	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	1.5	mg/kg	Y	Y	0.014981897
BIST015	LB033F1517	Striped mullet	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.47	mg/kg	Y	Y	0.004694328
BIST015	LB033F1518	Gulf menhaden	Whole Body	Lead	3A	132	128	4	100.1208333	mg/kg	0.76	mg/kg	Y	Y	0.007590828
BIST021	LB093F2101	Striped mullet	Whole Body	Lead	3A	69	66	3	72.15289855	mg/kg	0.24	mg/kg	Y	Y	0.00332627
BIST005	UB054F0516	Skipjack herring	Whole Body	Mercury	3A	33	29	4	0.250621212	mg/kg	0.188	mg/kg	Y	Y	0.750136026
BIST006	MB014F0628	White mullet	Whole Body	Mercury	3A	32	28	4	0.3420875	mg/kg	0.059	mg/kg	Y	Y	0.172470494
BIST015	LB033F1501	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.093	mg/kg	Y	Y	0.030190053
BIST015	LB033F1502	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.081	mg/kg	Y	Y	0.026294562
BIST015	LB033F1503	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.182	mg/kg	Y	Y	0.059081609
BIST015	LB033F1504	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.135	mg/kg	Y	Y	0.04382427
BIST015	LB033F1505	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.173	mg/kg	Y	Y	0.056159991
BIST015	LB033F1506	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.091	mg/kg	Y	Y	0.029540804
BIST015	LB033F1507	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.169	mg/kg	Y	Y	0.054861494
BIST015	LB033F1508	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.244	mg/kg	Y	Y	0.07920831
BIST015	LB033F1509	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.11	mg/kg	Y	Y	0.035708665
BIST015	LB033F1515	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.082	mg/kg	Y	Y	0.026619186
BIST015	LB033F1516	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.12	mg/kg	Y	Y	0.038954907
BIST015	LB033F1517	Striped mullet	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.13	mg/kg	Y	Y	0.042201149
BIST015	LB033F1518	Gulf menhaden	Whole Body	Mercury	3A	132	115	17	3.080484848	mg/kg	0.15	mg/kg	Y	Y	0.048693633
BIST021	LB093F2101	Striped mullet	Whole Body	Mercury	3A	69	53	16	1.260826087	mg/kg	0.09	mg/kg	Y	Y	0.071381772
BIST005	UB054F0516	Skipjack herring	Whole Body	Methoxychlor	3A	31	0	31	19.09677419	ug/kg	5	ug/kg	N	Y	0.261824324
BIST006	MB014F0628	White mullet	Whole Body	Methoxychlor	3A	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST015	LB033F1501	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB033F1502	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB033F1503	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	105	ug/kg	N	Y	2.365200831
BIST015	LB033F1504	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB033F1505	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB033F1506	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB033F1507	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	105	ug/kg	N	Y	2.365200831
BIST015	LB033F1508	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB033F1509	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	41.5	ug/kg	N	Y	0.934817471
BIST015	LB033F1515	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB033F1516	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	21	ug/kg	N	Y	0.473040166
BIST015	LB033F1517	Striped mullet	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	105	ug/kg	N	Y	2.365200831
BIST015	LB033F1518	Gulf menhaden	Whole Body	Methoxychlor	3A	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST021	LB093F2101	Striped mullet	Whole Body	Methoxychlor	3A	42	1	41	37.17607143	ug/kg	5	ug/kg	N	Y	0.134495115
BIST005	UB054F0516	Skipjack herring	Whole Body	Nickel	3A	33	33	0	13.38575758	mg/kg	0.035	mg/kg	N	Y	0.002614719
BIST006	MB014F0628	White mullet	Whole Body	Nickel	3A	32	32	0	14.40125	mg/kg	0.12	mg/kg	N	Y	0.00833261
BIST015	LB033F1501	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.075	mg/kg	N	Y	0.003012158
BIST015	LB033F1502	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.055	mg/kg	N	Y	0.002208916
BIST015	LB033F1503	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.115	mg/kg	N	Y	0.004618643
BIST015	LB033F1504	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.14	mg/kg	N	Y	0.005622695
BIST015	LB033F1505	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.52	mg/kg	Y	Y	0.020884297
BIST015	LB033F1506	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.06	mg/kg	N	Y	0.002409727
BIST015	LB033F1507	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.115	mg/kg	N	Y	0.004618643
BIST015	LB033F1508	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.4	mg/kg	Y	Y	0.016064844
BIST015	LB033F1509	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.06	mg/kg	N	Y	0.002409727
BIST015	LB033F1515	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.07	mg/kg	N	Y	0.002811348
BIST015	LB033F1516	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.16	mg/kg	N	Y	0.006425937
BIST015	LB033F1517	Striped mullet	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.12	mg/kg	N	Y	0.004819453
BIST015	LB033F1518	Gulf menhaden	Whole Body	Nickel	3A	132	131	1	24.89909091	mg/kg	0.38	mg/kg	Y	Y	0.015261601
BIST021	LB093F2101	Striped mullet	Whole Body	Nickel	3A	69	68	1	16.97478261	mg/kg	0.04	mg/kg	N	Y	0.002356437
BIST015	LB033F1501	Striped mullet	Whole Body	OCDD	3A	40	40	0	4704.65	ng/kg	6.42	ng/kg	Y	Y	0.001364607

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1502	Striped mullet	Whole Body	OCDD	3A	40	40	0	4704.65	ng/kg	1.11	ng/kg	N	Y	0.000235937
BIST015	LB033F1503	Striped mullet	Whole Body	OCDD	3A	40	40	0	4704.65	ng/kg	17	ng/kg	Y	Y	0.003613446
BIST015	LB033F1501	Striped mullet	Whole Body	OCDF	3A	40	39	1	29122.8725	ng/kg	18.1	ng/kg	Y	Y	0.000621505
BIST015	LB033F1502	Striped mullet	Whole Body	OCDF	3A	40	39	1	29122.8725	ng/kg	2.82	ng/kg	Y	Y	9.68311E-05
BIST015	LB033F1503	Striped mullet	Whole Body	OCDF	3A	40	39	1	29122.8725	ng/kg	57.7	ng/kg	Y	Y	0.001981261
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-105	3A	28	28	0	6188.104286	ng/kg	29900	ng/kg	Y	Y	4.831851342
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-105	3A	28	28	0	6188.104286	ng/kg	6230	ng/kg	Y	Y	1.006770363
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-105	3A	28	28	0	6188.104286	ng/kg	29000	ng/kg	Y	Y	4.686411001
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-114	3A	28	27	1	1655.723107	ng/kg	2450	ng/kg	Y	Y	1.479716016
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-114	3A	28	27	1	1655.723107	ng/kg	624	ng/kg	Y	Y	0.37687461
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-114	3A	28	27	1	1655.723107	ng/kg	1880	ng/kg	Y	Y	1.135455555
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-118	3A	10	10	0	27325	ng/kg	107000	ng/kg	Y	Y	3.915827996
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-118	3A	10	10	0	27325	ng/kg	23500	ng/kg	Y	Y	0.860018298
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-118	3A	10	10	0	27325	ng/kg	112000	ng/kg	Y	Y	4.098810613
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-126	3A	28	25	3	861.7883929	ng/kg	704	ng/kg	Y	Y	0.816905874
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-126	3A	28	25	3	861.7883929	ng/kg	164	ng/kg	Y	Y	0.190301936
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-126	3A	28	25	3	861.7883929	ng/kg	696	ng/kg	Y	Y	0.807622852
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-156	3A	28	28	0	5077.486786	ng/kg	14100	ng/kg	Y	Y	2.776964391
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-156	3A	28	28	0	5077.486786	ng/kg	3030	ng/kg	Y	Y	0.596751922
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-156	3A	28	28	0	5077.486786	ng/kg	11500	ng/kg	Y	Y	2.264900035
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-157	3A	28	27	1	1228.481964	ng/kg	3910	ng/kg	Y	Y	3.18278991
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-157	3A	28	27	1	1228.481964	ng/kg	763	ng/kg	Y	Y	0.621091739
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-157	3A	28	27	1	1228.481964	ng/kg	3120	ng/kg	Y	Y	2.539719826
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-167	3A	28	28	0	4151.905357	ng/kg	9530	ng/kg	Y	Y	2.295331704
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-167	3A	28	28	0	4151.905357	ng/kg	2180	ng/kg	Y	Y	0.525060138
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-167	3A	28	28	0	4151.905357	ng/kg	7980	ng/kg	Y	Y	1.922009129
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-169	3A	28	16	12	150.8823214	ng/kg	12.85	ng/kg	N	Y	0.08516571
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-169	3A	28	16	12	150.8823214	ng/kg	12.75	ng/kg	N	Y	0.084502942
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-169	3A	28	16	12	150.8823214	ng/kg	12.1	ng/kg	N	Y	0.080194949
BIST015	LB033F1501	Striped mullet	Whole Body	PCB-189	3A	28	28	0	2707.953571	ng/kg	3040	ng/kg	Y	Y	1.122618952
BIST015	LB033F1502	Striped mullet	Whole Body	PCB-189	3A	28	28	0	2707.953571	ng/kg	762	ng/kg	Y	Y	0.281393303
BIST015	LB033F1503	Striped mullet	Whole Body	PCB-189	3A	28	28	0	2707.953571	ng/kg	1750	ng/kg	Y	Y	0.646244462
BIST005	UB054F0516	Skipjack herring	Whole Body	Phenanthrene	3A	34	6	28	604.1058824	ug/kg	25	ug/kg	N	Y	0.041383474
BIST006	MB014F0628	White mullet	Whole Body	Phenanthrene	3A	32	5	27	660.378125	ug/kg	25	ug/kg	N	Y	0.037857099
BIST015	LB033F1501	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1502	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1503	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1504	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1505	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1506	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1507	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1508	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1509	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1515	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1517	Striped mullet	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB033F1518	Gulf menhaden	Whole Body	Phenanthrene	3A	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST021	LB093F2101	Striped mullet	Whole Body	Phenanthrene	3A	68	9	59	647.4544118	ug/kg	25	ug/kg	N	Y	0.038612757
BIST005	UB054F0516	Skipjack herring	Whole Body	Pyrene	3A	34	12	22	636.5441176	ug/kg	25	ug/kg	N	Y	0.039274575
BIST006	MB014F0628	White mullet	Whole Body	Pyrene	3A	32	8	24	676.03125	ug/kg	25	ug/kg	N	Y	0.036980539
BIST015	LB033F1501	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1502	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1503	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1504	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1505	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1506	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1507	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1508	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1509	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1515	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1517	Striped mullet	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB033F1518	Gulf menhaden	Whole Body	Pyrene	3A	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST021	LB093F2101	Striped mullet	Whole Body	Pyrene	3A	69	19	50	649.6521739	ug/kg	25	ug/kg	N	Y	0.038482131
BIST005	UB054F0516	Skipjack herring	Whole Body	Selenium	3A	30	1	29	0.66	mg/kg	0.78	mg/kg	Y	Y	1.181818182
BIST006	MB014F0628	White mullet	Whole Body	Selenium	3A	30	1	29	0.718666667	mg/kg	0.54	mg/kg	Y	Y	0.751391466
BIST015	LB033F1501	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.58	mg/kg	Y	Y	0.532154075
BIST015	LB033F1502	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.35	mg/kg	Y	Y	0.321127459
BIST015	LB033F1503	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.53	mg/kg	Y	Y	0.486278724
BIST015	LB033F1504	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.67	mg/kg	Y	Y	0.614729707
BIST015	LB033F1505	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.45	mg/kg	Y	Y	0.412878162
BIST015	LB033F1506	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.55	mg/kg	Y	Y	0.504628864
BIST015	LB033F1507	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.53	mg/kg	Y	Y	0.486278724
BIST015	LB033F1508	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.6	mg/kg	Y	Y	0.550504216
BIST015	LB033F1509	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.3	mg/kg	Y	Y	0.275252108
BIST015	LB033F1515	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.76	mg/kg	Y	Y	0.69730534
BIST015	LB033F1516	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.53	mg/kg	Y	Y	0.486278724
BIST015	LB033F1517	Striped mullet	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.47	mg/kg	Y	Y	0.431228302
BIST015	LB033F1518	Gulf menhaden	Whole Body	Selenium	3A	111	20	91	1.08990991	mg/kg	0.69	mg/kg	Y	Y	0.633079848
BIST021	LB093F2101	Striped mullet	Whole Body	Selenium	3A	62	10	52	1.131129032	mg/kg	0.63	mg/kg	Y	Y	0.556965635
BIST005	UB054F0516	Skipjack herring	Whole Body	Total Chlordane (U=1/2; max ND)	3A	31	5	26	4.97	ug/kg	10	ug/kg	N	Y	2.012072435
BIST006	MB014F0628	White mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST015	LB033F1501	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	51	ug/kg	Y	Y	1.639008998
BIST015	LB033F1502	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB033F1503	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	21	ug/kg	N	Y	0.674886058
BIST015	LB033F1504	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	17	ug/kg	Y	Y	0.546336333
BIST015	LB033F1505	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	32	ug/kg	Y	Y	1.028397803
BIST015	LB033F1506	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB033F1507	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	21	ug/kg	N	Y	0.674886058
BIST015	LB033F1508	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	65	ug/kg	Y	Y	2.088933037
BIST015	LB033F1509	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	33	ug/kg	Y	Y	1.060535234
BIST015	LB033F1515	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	34	ug/kg	Y	Y	1.092672666
BIST015	LB033F1516	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	24	ug/kg	Y	Y	0.771298352
BIST015	LB033F1517	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	21	ug/kg	N	Y	0.674886058
BIST015	LB033F1518	Gulf menhaden	Whole Body	Total Chlordane (U=1/2; max ND)	3A	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST021	LB093F2101	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	3A	42	17	25	22.71142857	ug/kg	10	ug/kg	N	Y	0.440306957
BIST005	UB054F0516	Skipjack herring	Whole Body	Total DDT (U=1/2; max ND)	3A	31	8	23	8.945806452	ug/kg	41	ug/kg	Y	Y	4.583153036
BIST006	MB014F0628	White mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	31	9	22	9.732903226	ug/kg	24	ug/kg	Y	Y	2.465862389
BIST015	LB033F1501	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	57	ug/kg	Y	Y	1.268900059
BIST015	LB033F1502	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB033F1503	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	86	ug/kg	Y	Y	1.914480791
BIST015	LB033F1504	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	24	ug/kg	Y	Y	0.534273709
BIST015	LB033F1505	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB033F1506	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	23	ug/kg	Y	Y	0.512012304
BIST015	LB033F1507	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	55	ug/kg	Y	Y	1.22437725
BIST015	LB033F1508	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	67	ug/kg	Y	Y	1.491514104
BIST015	LB033F1509	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	54	ug/kg	Y	Y	1.202115845
BIST015	LB033F1515	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB033F1516	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	25	ug/kg	Y	Y	0.556535114
BIST015	LB033F1517	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	57	ug/kg	Y	Y	1.268900059

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1518	Gulf menhaden	Whole Body	Total DDT (U=1/2; max ND)	3A	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST021	LB093F2101	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	3A	42	15	27	29.69547619	ug/kg	10	ug/kg	N	Y	0.33675163
BIST015	LB033F1501	Striped mullet	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3A	22	22	0	409.0407568	ng/kg	41.346106	ng/kg	Y	Y	0.101080651
BIST015	LB033F1502	Striped mullet	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3A	22	22	0	409.0407568	ng/kg	12.336314	ng/kg	Y	Y	0.030159132
BIST015	LB033F1503	Striped mullet	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3A	22	22	0	409.0407568	ng/kg	35.19151	ng/kg	Y	Y	0.086034238
BIST005	UB054F0516	Skipjack herring	Whole Body	Total HPAH (U=1/2; max ND)	3A	34	12	22	2138.6	ug/kg	50	ug/kg	N	Y	0.023379781
BIST006	MB014F0628	White mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	32	8	24	2146.546875	ug/kg	50	ug/kg	N	Y	0.023293225
BIST015	LB033F1501	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1502	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1503	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1504	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1505	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1506	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1507	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1508	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1509	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1515	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1517	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB033F1518	Gulf menhaden	Whole Body	Total HPAH (U=1/2; max ND)	3A	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST021	LB093F2101	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	3A	69	20	49	2152.462319	ug/kg	50	ug/kg	N	Y	0.02322921
BIST005	UB054F0516	Skipjack herring	Whole Body	Total LPAH (U=1/2; max ND)	3A	34	7	27	1709.294118	ug/kg	266	ug/kg	Y	Y	0.155619795
BIST006	MB014F0628	White mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	32	5	27	1776.090625	ug/kg	50	ug/kg	N	Y	0.028151717
BIST015	LB033F1501	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	275	ug/kg	Y	Y	0.034763026
BIST015	LB033F1502	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1503	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1502	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1503	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1504	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1505	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1506	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	201	ug/kg	Y	Y	0.025408612
BIST015	LB033F1507	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	276	ug/kg	Y	Y	0.034889437
BIST015	LB033F1508	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	242	ug/kg	Y	Y	0.030591463
BIST015	LB033F1509	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1515	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	275	ug/kg	Y	Y	0.034763026
BIST015	LB033F1517	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB033F1518	Gulf menhaden	Whole Body	Total LPAH (U=1/2; max ND)	3A	136	29	107	7910.703676	ug/kg	258	ug/kg	Y	Y	0.032614039
BIST021	LB093F2101	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	3A	71	11	60	1450.209859	ug/kg	50	ug/kg	N	Y	0.034477769
BIST005	UB054F0516	Skipjack herring	Whole Body	Total PAH (U=1/2; max ND)	3A	34	13	21	3272.423529	ug/kg	516	ug/kg	Y	Y	0.157681301
BIST006	MB014F0628	White mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	32	8	24	3008.2625	ug/kg	50	ug/kg	N	Y	0.01662089
BIST015	LB033F1501	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	375	ug/kg	Y	Y	0.020482328
BIST015	LB033F1502	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB033F1503	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB033F1504	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB033F1505	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB033F1506	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	451	ug/kg	Y	Y	0.024633414
BIST015	LB033F1507	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	526	ug/kg	Y	Y	0.028729879
BIST015	LB033F1508	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	492	ug/kg	Y	Y	0.026872815
BIST015	LB033F1509	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB033F1515	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	525	ug/kg	Y	Y	0.02867526
BIST015	LB033F1517	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB033F1518	Gulf menhaden	Whole Body	Total PAH (U=1/2; max ND)	3A	136	52	84	18308.46544	ug/kg	508	ug/kg	Y	Y	0.027746727
BIST021	LB093F2101	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	3A	71	20	51	2872.461972	ug/kg	50	ug/kg	N	Y	0.017406671
BIST015	LB033F1501	Striped mullet	Whole Body	Total PCB Cong-209 (U=0, max RL)	3A	3	3	0	538.3	ug/kg	299	ug/kg	Y	Y	0.55545235
BIST015	LB033F1501	Striped mullet	Whole Body	Total PCB Cong-209 (U=0, max RL)	3A	25	25	0	1374616.16	ng/kg	299	ug/kg	Y	Y	0.000217515
BIST015	LB033F1502	Striped mullet	Whole Body	Total PCB Cong-209 (U=0, max RL)	3A	3	3	0	538.3	ug/kg	68.3	ug/kg	Y	Y	0.126880921
BIST015	LB033F1502	Striped mullet	Whole Body	Total PCB Cong-209 (U=0, max RL)	3A	25	25	0	1374616.16	ng/kg	68.3	ug/kg	Y	Y	4.96866E-05

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1503	Striped mullet	Whole Body	Total PCB Cong-209 (U=0, max RL)	3A	25	25	0	1374616.16	ng/kg	297	ug/kg	Y	Y	0.00021606
BIST015	LB033F1503	Striped mullet	Whole Body	Total PCB Cong-209 (U=0, max RL)	3A	3	3	0	538.3	ug/kg	297	ug/kg	Y	Y	0.55173695
BIST015	LB033F1501	Striped mullet	Whole Body	Total PCB Congs (U=1/2; max ND)	3A	10	10	0	219276.232	ng/kg	298599.7	ng/kg	Y	Y	1.361751327
BIST015	LB033F1502	Striped mullet	Whole Body	Total PCB Congs (U=1/2; max ND)	3A	10	10	0	219276.232	ng/kg	68373.4	ng/kg	Y	Y	0.311814005
BIST015	LB033F1503	Striped mullet	Whole Body	Total PCB Congs (U=1/2; max ND)	3A	10	10	0	219276.232	ng/kg	297207.3	ng/kg	Y	Y	1.355401346
BIST005	UB054F0516	Skipjack herring	Whole Body	Total PCBs (U=0, max RL)	3A	34	30	4	1295.647059	ug/kg	294	ug/kg	Y	Y	0.226913648
BIST006	MB014F0628	White mullet	Whole Body	Total PCBs (U=0, max RL)	3A	33	29	4	1343.257576	ug/kg	480	ug/kg	Y	Y	0.357340252
BIST015	LB033F1501	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	700	ug/kg	Y	Y	4.088947892
BIST015	LB033F1502	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	257	ug/kg	Y	Y	1.501228012
BIST015	LB033F1503	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	1310	ug/kg	Y	Y	7.652173913
BIST015	LB033F1504	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	830	ug/kg	Y	Y	4.84832393
BIST015	LB033F1505	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	720	ug/kg	Y	Y	4.205774975
BIST015	LB033F1506	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	260	ug/kg	Y	Y	1.518752074
BIST015	LB033F1507	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	1120	ug/kg	Y	Y	6.542316628
BIST015	LB033F1508	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	3900	ug/kg	Y	Y	22.78128112
BIST015	LB033F1509	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	1740	ug/kg	Y	Y	10.16395619
BIST015	LB033F1515	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	620	ug/kg	Y	Y	3.621639562
BIST015	LB033F1516	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	850	ug/kg	Y	Y	4.965151012
BIST015	LB033F1517	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	980	ug/kg	Y	Y	5.724527049
BIST015	LB033F1518	Gulf menhaden	Whole Body	Total PCBs (U=0, max RL)	3A	88	21	67	171.1931818	ug/kg	177	ug/kg	Y	Y	1.033919681
BIST021	LB093F2101	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	3A	42	10	32	146.9380952	ug/kg	173	ug/kg	Y	Y	1.177366562
BIST005	UB054F0516	Skipjack herring	Whole Body	Total PCBs (U=1/2; max ND)	3A	34	30	4	1529.691176	ug/kg	319	ug/kg	Y	Y	0.208538825
BIST006	MB014F0628	White mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	33	29	4	1596.30303	ug/kg	505	ug/kg	Y	Y	0.316355974
BIST015	LB033F1501	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	725	ug/kg	Y	Y	1.827164029
BIST015	LB033F1502	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	282	ug/kg	Y	Y	0.710703802
BIST015	LB033F1503	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	1415	ug/kg	Y	Y	3.56612014
BIST015	LB033F1504	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	935	ug/kg	Y	Y	2.356411541
BIST015	LB033F1505	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	745	ug/kg	Y	Y	1.877568554
BIST015	LB033F1506	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	285	ug/kg	Y	Y	0.718264481
BIST015	LB033F1507	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	1225	ug/kg	Y	Y	3.087277153
BIST015	LB033F1508	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	3925	ug/kg	Y	Y	9.891888022
BIST015	LB033F1509	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	2165	ug/kg	Y	Y	5.456289826
BIST015	LB033F1515	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	645	ug/kg	Y	Y	1.62554593
BIST015	LB033F1516	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	955	ug/kg	Y	Y	2.406816066
BIST015	LB033F1517	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	1405	ug/kg	Y	Y	3.540917878
BIST015	LB033F1518	Gulf menhaden	Whole Body	Total PCBs (U=1/2; max ND)	3A	88	21	67	396.7897727	ug/kg	202	ug/kg	Y	Y	0.509085702
BIST021	LB093F2101	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	3A	42	10	32	331.2714286	ug/kg	198	ug/kg	Y	Y	0.597697184
BIST005	UB054F0516	Skipjack herring	Whole Body	Zinc	3A	33	22	11	125.0439394	mg/kg	17.2	mg/kg	Y	Y	0.137551649
BIST006	MB014F0628	White mullet	Whole Body	Zinc	3A	32	20	12	143.6484375	mg/kg	16.4	mg/kg	Y	Y	0.114167618
BIST015	LB033F1501	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	21.7	mg/kg	Y	Y	0.164866094
BIST015	LB033F1502	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	19.9	mg/kg	Y	Y	0.151190565
BIST015	LB033F1503	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	18.1	mg/kg	Y	Y	0.137515037
BIST015	LB033F1504	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	22.2	mg/kg	Y	Y	0.168664852
BIST015	LB033F1505	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	21.1	mg/kg	Y	Y	0.160307584
BIST015	LB033F1506	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	13.7	mg/kg	Y	Y	0.104085967
BIST015	LB033F1507	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	17.5	mg/kg	Y	Y	0.132956527
BIST015	LB033F1508	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	22	mg/kg	Y	Y	0.167145349
BIST015	LB033F1509	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	9.1	mg/kg	Y	Y	0.069137394
BIST015	LB033F1515	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	20.6	mg/kg	Y	Y	0.156508826
BIST015	LB033F1516	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	18	mg/kg	Y	Y	0.136755285
BIST015	LB033F1517	Striped mullet	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	16.6	mg/kg	Y	Y	0.126118763
BIST015	LB033F1518	Gulf menhaden	Whole Body	Zinc	3A	132	127	5	131.6219697	mg/kg	21.4	mg/kg	Y	Y	0.162586839
BIST021	LB093F2101	Striped mullet	Whole Body	Zinc	3A	69	67	2	91.20144928	mg/kg	13.2	mg/kg	Y	Y	0.144734542
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDD	3B	9	8	1	237.2444444	ng/kg	0.1705	ng/kg	N	Y	0.000718668

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,4,6,7,8-HpCDD	3B	7	7	0	334.1714286	ng/kg	0.2105	ng/kg	N	Y	0.000629916
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDD	3B	40	40	0	387.5525	ng/kg	0.197	ng/kg	N	Y	0.000508318
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDD	3B	40	40	0	387.5525	ng/kg	0.1765	ng/kg	N	Y	0.000455422
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,4,6,7,8-HpCDD	3B	40	40	0	387.5525	ng/kg	2.19	ng/kg	N	Y	0.005650847
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,4,6,7,8-HpCDD	3B	22	22	0	241.7863636	ng/kg	0.3185	ng/kg	N	Y	0.001317279
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,4,6,7,8-HpCDD	3B	42	42	0	365.5261905	ng/kg	0.7	ng/kg	N	Y	0.001915047
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDF	3B	9	9	0	343.4222222	ng/kg	13.4	ng/kg	Y	Y	0.039019024
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,4,6,7,8-HpCDF	3B	7	7	0	263.2571429	ng/kg	3.97	ng/kg	Y	Y	0.015080313
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDF	3B	40	39	1	4644.3385	ng/kg	8.51	ng/kg	Y	Y	0.001832338
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDF	3B	40	39	1	4644.3385	ng/kg	3.71	ng/kg	Y	Y	0.000798822
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,4,6,7,8-HpCDF	3B	40	39	1	4644.3385	ng/kg	38.6	ng/kg	Y	Y	0.008311194
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,4,6,7,8-HpCDF	3B	22	21	1	2715.962727	ng/kg	24.9	ng/kg	Y	Y	0.00916802
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,4,6,7,8-HpCDF	3B	42	41	1	4505.060476	ng/kg	0.31	ng/kg	N	Y	6.88115E-05
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,4,7,8,9-HpCDF	3B	9	8	1	15.65888889	ng/kg	0.0376	ng/kg	N	Y	0.002401192
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,4,7,8,9-HpCDF	3B	7	7	0	19.96571429	ng/kg	0.0409	ng/kg	N	Y	0.002048512
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,4,7,8,9-HpCDF	3B	40	40	0	1078.4995	ng/kg	0.132	ng/kg	N	Y	0.000122392
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,4,7,8,9-HpCDF	3B	40	40	0	1078.4995	ng/kg	0.0795	ng/kg	N	Y	7.37135E-05
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,4,7,8,9-HpCDF	3B	40	40	0	1078.4995	ng/kg	1.685	ng/kg	N	Y	0.001562356
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,4,7,8,9-HpCDF	3B	22	22	0	576.3595455	ng/kg	0.318	ng/kg	N	Y	0.000551739
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,4,7,8,9-HpCDF	3B	42	42	0	1044.451905	ng/kg	0.205	ng/kg	N	Y	0.000196275
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDD	3B	9	2	7	3.772277778	ng/kg	0.064	ng/kg	N	Y	0.016965877
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,4,7,8-HxCDD	3B	7	1	6	2.484357143	ng/kg	0.058	ng/kg	N	Y	0.02334608
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDD	3B	40	30	10	22.0495	ng/kg	0.068	ng/kg	N	Y	0.00308397
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDD	3B	40	30	10	22.0495	ng/kg	0.04475	ng/kg	N	Y	0.002029524
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,4,7,8-HxCDD	3B	40	30	10	22.0495	ng/kg	1.02	ng/kg	N	Y	0.046259552
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,4,7,8-HxCDD	3B	22	16	6	12.22454545	ng/kg	0.2	ng/kg	N	Y	0.016360527
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,4,7,8-HxCDD	3B	42	32	10	20.87071429	ng/kg	0.485	ng/kg	N	Y	0.023238304
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDF	3B	9	8	1	27.24888889	ng/kg	1.67	ng/kg	Y	Y	0.061286903
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,4,7,8-HxCDF	3B	7	7	0	35.34857143	ng/kg	0.682	ng/kg	Y	Y	0.019293566
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDF	3B	40	38	2	1699.068375	ng/kg	2.46	ng/kg	Y	Y	0.001447852
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDF	3B	40	38	2	1699.068375	ng/kg	1.82	ng/kg	Y	Y	0.001071175
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,4,7,8-HxCDF	3B	40	38	2	1699.068375	ng/kg	0.301	ng/kg	N	Y	0.000177156
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,4,7,8-HxCDF	3B	22	20	2	875.1602273	ng/kg	0.916	ng/kg	Y	Y	0.001046665
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,4,7,8-HxCDF	3B	42	40	2	1632.446071	ng/kg	6.4	ng/kg	Y	Y	0.003920497
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDD	3B	9	8	1	15.59	ng/kg	0.406	ng/kg	Y	Y	0.026042335
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,6,7,8-HxCDD	3B	7	7	0	21.78714286	ng/kg	0.293	ng/kg	Y	Y	0.013448298
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDD	3B	40	34	6	27.62775	ng/kg	0.234	ng/kg	Y	Y	0.008469745
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDD	3B	40	34	6	27.62775	ng/kg	0.161	ng/kg	Y	Y	0.005827474
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,6,7,8-HxCDD	3B	40	34	6	27.62775	ng/kg	1.185	ng/kg	N	Y	0.042891658
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,6,7,8-HxCDD	3B	22	18	4	14.66181818	ng/kg	0.2225	ng/kg	N	Y	0.015175471
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,6,7,8-HxCDD	3B	42	37	5	26.5847619	ng/kg	0.75	ng/kg	N	Y	0.02821165
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDF	3B	9	8	1	12.97888889	ng/kg	3.74	ng/kg	Y	Y	0.28816026
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,6,7,8-HxCDF	3B	7	7	0	17.67285714	ng/kg	0.864	ng/kg	Y	Y	0.04888853
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDF	3B	40	37	3	505.492375	ng/kg	2.39	ng/kg	Y	Y	0.004728063
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDF	3B	40	37	3	505.492375	ng/kg	1.15	ng/kg	Y	Y	0.00227501
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,6,7,8-HxCDF	3B	40	37	3	505.492375	ng/kg	11.3	ng/kg	Y	Y	0.022354442
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,6,7,8-HxCDF	3B	22	19	3	286.5715909	ng/kg	11.4	ng/kg	Y	Y	0.039780635
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,6,7,8-HxCDF	3B	42	40	2	488.8689286	ng/kg	1.15	ng/kg	N	Y	0.002352369
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDD	3B	9	8	1	9.674444444	ng/kg	0.065	ng/kg	N	Y	0.006718732
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,7,8,9-HxCDD	3B	7	7	0	10.90428571	ng/kg	0.0878	ng/kg	Y	Y	0.00805188
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDD	3B	40	32	8	16.6321375	ng/kg	0.067	ng/kg	N	Y	0.004028346
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDD	3B	40	32	8	16.6321375	ng/kg	0.04445	ng/kg	N	Y	0.002672537
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,7,8,9-HxCDD	3B	40	32	8	16.6321375	ng/kg	1.01	ng/kg	N	Y	0.060725809
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,7,8,9-HxCDD	3B	22	17	5	10.63297727	ng/kg	0.194	ng/kg	N	Y	0.018245125

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,7,8,9-HxCDD	3B	42	33	9	15.60132143	ng/kg	0.415	ng/kg	N	Y	0.026600311
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDF	3B	9	2	7	1.861666667	ng/kg	0.0655	ng/kg	N	Y	0.035183527
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,7,8,9-HxCDF	3B	7	1	6	1.277857143	ng/kg	0.03705	ng/kg	N	Y	0.028993851
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDF	3B	40	31	9	169.48615	ng/kg	0.291	ng/kg	Y	Y	0.001716954
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDF	3B	40	31	9	169.48615	ng/kg	0.066	ng/kg	N	Y	0.000389412
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,7,8,9-HxCDF	3B	40	31	9	169.48615	ng/kg	1.065	ng/kg	N	Y	0.006283699
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,7,8,9-HxCDF	3B	22	15	7	87.81981818	ng/kg	0.1745	ng/kg	N	Y	0.001987023
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,7,8,9-HxCDF	3B	42	33	9	165.7368095	ng/kg	0.3	ng/kg	N	Y	0.001810099
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDD	3B	9	2	7	3.507611111	ng/kg	0.04825	ng/kg	N	Y	0.013755801
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,7,8-PeCDD	3B	7	1	6	1.878357143	ng/kg	0.03645	ng/kg	N	Y	0.019405255
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDD	3B	40	27	13	17.3453125	ng/kg	0.0585	ng/kg	N	Y	0.003372669
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDD	3B	40	27	13	17.3453125	ng/kg	0.03015	ng/kg	N	Y	0.001738222
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,7,8-PeCDD	3B	40	27	13	17.3453125	ng/kg	0.725	ng/kg	N	Y	0.041798036
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,7,8-PeCDD	3B	22	14	8	8.585659091	ng/kg	0.1265	ng/kg	N	Y	0.014733872
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,7,8-PeCDD	3B	42	29	13	16.5410119	ng/kg	0.375	ng/kg	N	Y	0.022670923
BIST005	UB054F0505	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDF	3B	9	8	1	9.834444444	ng/kg	5.4	ng/kg	Y	Y	0.549090498
BIST006	MB014F0630	Sand seatrout	Whole Body	1,2,3,7,8-PeCDF	3B	7	7	0	10.37857143	ng/kg	1.83	ng/kg	Y	Y	0.176324845
BIST015	LB034F1503	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDF	3B	40	38	2	374.037225	ng/kg	6.21	ng/kg	Y	Y	0.016602626
BIST015	LB034F1504	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDF	3B	40	38	2	374.037225	ng/kg	3.98	ng/kg	Y	Y	0.010640652
BIST015	LB034F1506	Atlantic croaker	Whole Body	1,2,3,7,8-PeCDF	3B	40	38	2	374.037225	ng/kg	3.91	ng/kg	Y	Y	0.010453505
BIST021	LB094F2107	Atlantic croaker	Whole Body	1,2,3,7,8-PeCDF	3B	22	20	2	186.6535909	ng/kg	1.34	ng/kg	Y	Y	0.007179074
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2,3,7,8-PeCDF	3B	42	41	1	356.2854524	ng/kg	9.2	ng/kg	Y	Y	0.025821992
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	1,2-Dichlorobenzene	3B	59	0	59	17.22881356	ug/kg	2300	ug/kg	N	N	133.4972946
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	1,2-Dichlorobenzene	3B	59	0	59	17.1779661	ug/kg	2300	ug/kg	N	N	133.8924519
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	1,2-Dichlorobenzene	3B	65	0	65	50.52307692	ug/kg	1000	ug/kg	N	Y	19.79293544
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	1,2-Dichlorobenzene	3B	65	0	65	50.52307692	ug/kg	1000	ug/kg	N	Y	19.79293544
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	1,2-Dichlorobenzene	3B	65	0	65	50.52307692	ug/kg	500	ug/kg	N	Y	9.896467722
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,2-Dichlorobenzene	3B	64	0	64	51.015625	ug/kg	500	ug/kg	N	Y	9.800918836
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	1,2-Dichlorobenzene	3B	53	0	53	58.25471698	ug/kg	2300	ug/kg	N	N	39.48178138
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	1,2-Dichlorobenzene	3B	53	0	53	58.25471698	ug/kg	2300	ug/kg	N	N	39.48178138
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	1,3-Dichlorobenzene	3B	59	20	39	16.48305085	ug/kg	2300	ug/kg	N	N	139.5372751
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	1,3-Dichlorobenzene	3B	59	20	39	16.43220339	ug/kg	2300	ug/kg	N	N	139.9690562
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	1,3-Dichlorobenzene	3B	65	33	32	48.46153846	ug/kg	1000	ug/kg	N	Y	20.63492063
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	1,3-Dichlorobenzene	3B	65	33	32	48.46153846	ug/kg	1000	ug/kg	N	Y	20.63492063
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	1,3-Dichlorobenzene	3B	65	33	32	48.46153846	ug/kg	500	ug/kg	N	Y	10.31746032
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,3-Dichlorobenzene	3B	64	32	32	49	ug/kg	500	ug/kg	N	Y	10.20408163
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	1,3-Dichlorobenzene	3B	53	25	28	56.16981132	ug/kg	2300	ug/kg	N	N	40.94726234
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	1,3-Dichlorobenzene	3B	53	25	28	56.16981132	ug/kg	2300	ug/kg	N	N	40.94726234
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	1,4-Dichlorobenzene	3B	59	14	45	16.6440678	ug/kg	2300	ug/kg	N	N	138.1873727
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	1,4-Dichlorobenzene	3B	59	15	44	16.37288136	ug/kg	2300	ug/kg	N	N	140.4761905
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	1,4-Dichlorobenzene	3B	65	24	41	48.43846154	ug/kg	1000	ug/kg	N	Y	20.64475147
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	1,4-Dichlorobenzene	3B	65	24	41	48.43846154	ug/kg	1000	ug/kg	N	Y	20.64475147
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	1,4-Dichlorobenzene	3B	65	24	41	48.43846154	ug/kg	500	ug/kg	N	Y	10.32237573
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	1,4-Dichlorobenzene	3B	64	24	40	48.8984375	ug/kg	500	ug/kg	N	Y	10.2252756
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	1,4-Dichlorobenzene	3B	53	19	34	56.16981132	ug/kg	2300	ug/kg	N	N	40.94726234
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	1,4-Dichlorobenzene	3B	53	19	34	56.16981132	ug/kg	2300	ug/kg	N	N	40.94726234
BIST005	UB054F0505	Spotted seatrout	Whole Body	2,3,4,6,7,8-HxCDF	3B	9	5	4	5.076666667	ng/kg	0.1445	ng/kg	N	Y	0.028463559
BIST006	MB014F0630	Sand seatrout	Whole Body	2,3,4,6,7,8-HxCDF	3B	7	5	2	6.792857143	ng/kg	0.164	ng/kg	N	Y	0.024143007
BIST015	LB034F1503	Spotted seatrout	Whole Body	2,3,4,6,7,8-HxCDF	3B	40	33	7	231.4742375	ng/kg	0.397	ng/kg	Y	Y	0.001715094
BIST015	LB034F1504	Spotted seatrout	Whole Body	2,3,4,6,7,8-HxCDF	3B	40	33	7	231.4742375	ng/kg	0.152	ng/kg	N	Y	0.000656661
BIST015	LB034F1506	Atlantic croaker	Whole Body	2,3,4,6,7,8-HxCDF	3B	40	33	7	231.4742375	ng/kg	0.575	ng/kg	N	Y	0.002484078
BIST021	LB094F2107	Atlantic croaker	Whole Body	2,3,4,6,7,8-HxCDF	3B	22	17	5	133.8242045	ng/kg	0.0665	ng/kg	N	Y	0.000496921
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	2,3,4,6,7,8-HxCDF	3B	42	35	7	226.0778452	ng/kg	0.265	ng/kg	N	Y	0.001172163
BIST005	UB054F0505	Spotted seatrout	Whole Body	2,3,4,7,8-PeCDF	3B	9	8	1	8.154444444	ng/kg	0.613	ng/kg	Y	Y	0.075173729

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									Sediment Samples			Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0630	Sand seatrout	Whole Body	2,3,4,7,8-PeCDF	3B	7	7	0	8.875714286	ng/kg	0.281	ng/kg	Y	Y	0.031659424
BIST015	LB034F1503	Spotted seatrout	Whole Body	2,3,4,7,8-PeCDF	3B	40	36	4	291.75005	ng/kg	0.794	ng/kg	Y	Y	0.002721508
BIST015	LB034F1504	Spotted seatrout	Whole Body	2,3,4,7,8-PeCDF	3B	40	36	4	291.75005	ng/kg	1.06	ng/kg	Y	Y	0.003633247
BIST015	LB034F1506	Atlantic croaker	Whole Body	2,3,4,7,8-PeCDF	3B	40	36	4	291.75005	ng/kg	0.725	ng/kg	N	Y	0.002485004
BIST021	LB094F2107	Atlantic croaker	Whole Body	2,3,4,7,8-PeCDF	3B	22	18	4	147.571	ng/kg	0.66	ng/kg	Y	Y	0.004472423
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	2,3,4,7,8-PeCDF	3B	42	39	3	281.1321905	ng/kg	3.4	ng/kg	Y	Y	0.012093955
BIST005	UB054F0505	Spotted seatrout	Whole Body	2,3,7,8-TCDD	3B	9	0	9	1.494333333	ng/kg	0.0946	ng/kg	Y	Y	0.063305822
BIST006	MB014F0630	Sand seatrout	Whole Body	2,3,7,8-TCDD	3B	7	1	6	0.551571429	ng/kg	0.013	ng/kg	N	Y	0.023569024
BIST015	LB034F1503	Spotted seatrout	Whole Body	2,3,7,8-TCDD	3B	40	31	9	6.4320875	ng/kg	0.02795	ng/kg	N	Y	0.004345401
BIST015	LB034F1504	Spotted seatrout	Whole Body	2,3,7,8-TCDD	3B	40	31	9	6.4320875	ng/kg	0.0265	ng/kg	N	Y	0.004119969
BIST015	LB034F1506	Atlantic croaker	Whole Body	2,3,7,8-TCDD	3B	40	31	9	6.4320875	ng/kg	0.441	ng/kg	N	Y	0.0685625
BIST021	LB094F2107	Atlantic croaker	Whole Body	2,3,7,8-TCDD	3B	22	14	8	3.315795455	ng/kg	0.0525	ng/kg	N	Y	0.015833305
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	2,3,7,8-TCDD	3B	42	33	9	6.136511905	ng/kg	0.195	ng/kg	N	Y	0.03177701
BIST005	UB054F0505	Spotted seatrout	Whole Body	2,3,7,8-TCDF	3B	9	8	1	10.57222222	ng/kg	1.74	ng/kg	Y	Y	0.164582239
BIST006	MB014F0630	Sand seatrout	Whole Body	2,3,7,8-TCDF	3B	7	7	0	15.99857143	ng/kg	0.875	ng/kg	Y	Y	0.054692383
BIST015	LB034F1503	Spotted seatrout	Whole Body	2,3,7,8-TCDF	3B	40	39	1	221.558475	ng/kg	3.43	ng/kg	Y	Y	0.01548124
BIST015	LB034F1504	Spotted seatrout	Whole Body	2,3,7,8-TCDF	3B	40	39	1	221.558475	ng/kg	4.28	ng/kg	Y	Y	0.019317699
BIST015	LB034F1506	Atlantic croaker	Whole Body	2,3,7,8-TCDF	3B	40	39	1	221.558475	ng/kg	1.175	ng/kg	N	Y	0.00530334
BIST021	LB094F2107	Atlantic croaker	Whole Body	2,3,7,8-TCDF	3B	22	21	1	94.46127273	ng/kg	0.424	ng/kg	Y	Y	0.004488612
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	2,3,7,8-TCDF	3B	42	41	1	209.6675952	ng/kg	3.6	ng/kg	Y	Y	0.017170035
BIST005	UB054F0505	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	32	1	31	677.978125	ug/kg	25	ug/kg	N	Y	0.036874346
BIST005	UB054F0506	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	32	1	31	677.978125	ug/kg	25	ug/kg	N	Y	0.036874346
BIST005	UB054F0507	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	32	1	31	677.978125	ug/kg	25	ug/kg	N	Y	0.036874346
BIST005	UB054F0508	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	32	1	31	677.978125	ug/kg	25	ug/kg	N	Y	0.036874346
BIST005	UB054F0511	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	32	1	31	677.978125	ug/kg	25	ug/kg	Y	Y	0.036874346
BIST006	MB014F0603	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	31	1	30	719.8322581	ug/kg	25	ug/kg	N	Y	0.034730314
BIST006	MB014F0604	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	31	1	30	719.8322581	ug/kg	26	ug/kg	Y	Y	0.036119526
BIST006	MB014F0608	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	31	1	30	719.8322581	ug/kg	25	ug/kg	N	Y	0.034730314
BIST006	MB014F0612	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	31	1	30	719.8322581	ug/kg	25	ug/kg	N	Y	0.034730314
BIST006	MB014F0615	Sand seatrout	Whole Body	2-Methylnaphthalene	3B	31	1	30	719.8322581	ug/kg	25	ug/kg	N	Y	0.034730314
BIST006	MB014F0630	Sand seatrout	Whole Body	2-Methylnaphthalene	3B	31	1	30	719.8322581	ug/kg	25	ug/kg	N	Y	0.034730314
BIST015	LB034F1504	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB034F1505	Spotted seatrout	Whole Body	2-Methylnaphthalene	3B	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST015	LB034F1506	Atlantic croaker	Whole Body	2-Methylnaphthalene	3B	121	7	114	1550.143802	ug/kg	25	ug/kg	N	Y	0.016127536
BIST021	LB094F2107	Atlantic croaker	Whole Body	2-Methylnaphthalene	3B	64	1	63	640.4609375	ug/kg	25	ug/kg	N	Y	0.039034387
BIST021	LB094F2134	Pinfish	Whole Body	2-Methylnaphthalene	3B	64	1	63	640.4609375	ug/kg	25	ug/kg	N	Y	0.039034387
BIST021	LB094F2141	Pinfish	Whole Body	2-Methylnaphthalene	3B	64	1	63	640.4609375	ug/kg	25	ug/kg	N	Y	0.039034387
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	2-Methylnaphthalene	3B	75	4	71	573.5026667	ug/kg	2300	ug/kg	N	N	4.010443427
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	2-Methylnaphthalene	3B	77	4	73	588.6064935	ug/kg	2300	ug/kg	N	N	3.907534194
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	2-Methylnaphthalene	3B	115	8	107	1593.986087	ug/kg	1000	ug/kg	N	Y	0.627358048
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	2-Methylnaphthalene	3B	115	8	107	1593.986087	ug/kg	1000	ug/kg	N	Y	0.627358048
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	2-Methylnaphthalene	3B	115	8	107	1593.986087	ug/kg	500	ug/kg	N	Y	0.313679024
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	2-Methylnaphthalene	3B	115	8	107	1598.812174	ug/kg	500	ug/kg	N	Y	0.31273217
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	2-Methylnaphthalene	3B	103	7	96	1718.683495	ug/kg	2300	ug/kg	N	N	1.338233599
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	2-Methylnaphthalene	3B	103	7	96	1718.683495	ug/kg	2300	ug/kg	N	N	1.338233599
BIST005	UB054F0505	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0506	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0507	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0508	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0511	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0603	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB014F0604	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB014F0608	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB014F0612	Spotted seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0615	Sand seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST006	MB014F0630	Sand seatrout	Whole Body	4,4'-DDD	3B	31	0	31	4.438709677	ug/kg	5	ug/kg	N	Y	1.126453488
BIST015	LB034F1504	Spotted seatrout	Whole Body	4,4'-DDD	3B	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB034F1505	Spotted seatrout	Whole Body	4,4'-DDD	3B	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST015	LB034F1506	Atlantic croaker	Whole Body	4,4'-DDD	3B	88	23	65	20.64897727	ug/kg	5	ug/kg	N	Y	0.242142743
BIST021	LB094F2101	Spotted seatrout	Whole Body	4,4'-DDD	3B	42	10	32	13.56928571	ug/kg	5	ug/kg	N	Y	0.368479234
BIST021	LB094F2107	Atlantic croaker	Whole Body	4,4'-DDD	3B	42	10	32	13.56928571	ug/kg	5	ug/kg	N	Y	0.368479234
BIST021	LB094F2134	Pinfish	Whole Body	4,4'-DDD	3B	42	10	32	13.56928571	ug/kg	5	ug/kg	N	Y	0.368479234
BIST021	LB094F2141	Pinfish	Whole Body	4,4'-DDD	3B	42	10	32	13.56928571	ug/kg	5	ug/kg	N	Y	0.368479234
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	4,4'-DDD	3B	71	20	51	17.04802817	ug/kg	6.9	ug/kg	N	N	0.40473889
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	4,4'-DDD	3B	72	21	51	17.28625	ug/kg	16.1	ug/kg	N	N	0.931376094
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	4,4'-DDD	3B	87	25	62	20.17954023	ug/kg	3	ug/kg	N	Y	0.148665429
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	4,4'-DDD	3B	87	25	62	20.17954023	ug/kg	3	ug/kg	N	Y	0.148665429
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	4,4'-DDD	3B	87	25	62	20.17954023	ug/kg	3	ug/kg	N	Y	0.148665429
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	4,4'-DDD	3B	87	25	62	20.46172414	ug/kg	3	ug/kg	N	Y	0.146615211
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	4,4'-DDD	3B	76	19	57	21.51013158	ug/kg	6.9	ug/kg	N	N	0.32077907
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	4,4'-DDD	3B	76	19	57	21.51013158	ug/kg	6.9	ug/kg	N	N	0.32077907
BIST005	UB054F0505	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	8	23	3.492580645	ug/kg	5	ug/kg	N	Y	1.43160617
BIST005	UB054F0506	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	8	23	3.492580645	ug/kg	5	ug/kg	N	Y	1.43160617
BIST005	UB054F0507	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	8	23	3.492580645	ug/kg	5	ug/kg	N	Y	1.43160617
BIST005	UB054F0508	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	8	23	3.492580645	ug/kg	5	ug/kg	N	Y	1.43160617
BIST005	UB054F0511	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	8	23	3.492580645	ug/kg	5	ug/kg	N	Y	1.43160617
BIST006	MB014F0603	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB014F0604	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB014F0608	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB014F0612	Spotted seatrout	Whole Body	4,4'-DDE	3B	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB014F0615	Sand seatrout	Whole Body	4,4'-DDE	3B	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST006	MB014F0630	Sand seatrout	Whole Body	4,4'-DDE	3B	31	9	22	3.790967742	ug/kg	5	ug/kg	N	Y	1.318924438
BIST015	LB034F1504	Spotted seatrout	Whole Body	4,4'-DDE	3B	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB034F1505	Spotted seatrout	Whole Body	4,4'-DDE	3B	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST015	LB034F1506	Atlantic croaker	Whole Body	4,4'-DDE	3B	88	19	69	19.91613636	ug/kg	5	ug/kg	N	Y	0.25105271
BIST021	LB094F2101	Spotted seatrout	Whole Body	4,4'-DDE	3B	42	8	34	12.85119048	ug/kg	5	ug/kg	N	Y	0.389069013
BIST021	LB094F2107	Atlantic croaker	Whole Body	4,4'-DDE	3B	42	8	34	12.85119048	ug/kg	5	ug/kg	N	Y	0.389069013
BIST021	LB094F2134	Pinfish	Whole Body	4,4'-DDE	3B	42	8	34	12.85119048	ug/kg	5	ug/kg	N	Y	0.389069013
BIST021	LB094F2141	Pinfish	Whole Body	4,4'-DDE	3B	42	8	34	12.85119048	ug/kg	5	ug/kg	N	Y	0.389069013
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	4,4'-DDE	3B	72	27	45	16.42069444	ug/kg	3.22	ug/kg	Y	N	0.196094021
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	4,4'-DDE	3B	73	27	46	16.71945205	ug/kg	16.1	ug/kg	N	N	0.962950218
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	4,4'-DDE	3B	87	24	63	19.2691954	ug/kg	3	ug/kg	N	Y	0.155688909
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	4,4'-DDE	3B	87	24	63	19.2691954	ug/kg	3	ug/kg	N	Y	0.155688909
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	4,4'-DDE	3B	87	24	63	19.2691954	ug/kg	3	ug/kg	N	Y	0.155688909
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	4,4'-DDE	3B	87	24	63	19.56344828	ug/kg	3	ug/kg	N	Y	0.153347199
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	4,4'-DDE	3B	76	18	58	20.49894737	ug/kg	4.6	ug/kg	Y	N	0.224401766
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	4,4'-DDE	3B	76	18	58	20.49894737	ug/kg	4.37	ug/kg	Y	N	0.213181678
BIST005	UB054F0505	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0506	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0507	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0508	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0511	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0603	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB014F0604	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB014F0608	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB014F0612	Spotted seatrout	Whole Body	4,4'-DDT	3B	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB014F0615	Sand seatrout	Whole Body	4,4'-DDT	3B	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118
BIST006	MB014F0630	Sand seatrout	Whole Body	4,4'-DDT	3B	31	1	30	4.470967742	ug/kg	5	ug/kg	N	Y	1.118326118

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB034F1504	Spotted seatrout	Whole Body	4,4'-DDT	3B	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB034F1505	Spotted seatrout	Whole Body	4,4'-DDT	3B	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST015	LB034F1506	Atlantic croaker	Whole Body	4,4'-DDT	3B	88	4	84	12.72954545	ug/kg	5	ug/kg	N	Y	0.392787002
BIST021	LB094F2101	Spotted seatrout	Whole Body	4,4'-DDT	3B	42	2	40	10.01785714	ug/kg	5	ug/kg	N	Y	0.499108734
BIST021	LB094F2107	Atlantic croaker	Whole Body	4,4'-DDT	3B	42	2	40	10.01785714	ug/kg	5	ug/kg	N	Y	0.499108734
BIST021	LB094F2134	Pinfish	Whole Body	4,4'-DDT	3B	42	2	40	10.01785714	ug/kg	5	ug/kg	N	Y	0.499108734
BIST021	LB094F2141	Pinfish	Whole Body	4,4'-DDT	3B	42	2	40	10.01785714	ug/kg	5	ug/kg	N	Y	0.499108734
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	4,4'-DDT	3B	70	6	64	8.834428571	ug/kg	6.9	ug/kg	N	N	0.781035236
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	4,4'-DDT	3B	71	6	65	9.236760563	ug/kg	16.1	ug/kg	N	N	1.74303533
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	4,4'-DDT	3B	86	6	80	12.25755814	ug/kg	3	ug/kg	N	Y	0.244746953
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	4,4'-DDT	3B	86	6	80	12.25755814	ug/kg	3	ug/kg	N	Y	0.244746953
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	4,4'-DDT	3B	86	6	80	12.25755814	ug/kg	3	ug/kg	N	Y	0.244746953
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	4,4'-DDT	3B	86	6	80	12.54302326	ug/kg	3	ug/kg	N	Y	0.239176787
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	4,4'-DDT	3B	76	4	72	13.43815789	ug/kg	6.9	ug/kg	N	N	0.513463233
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	4,4'-DDT	3B	76	4	72	13.43815789	ug/kg	3.91	ug/kg	Y	N	0.290962499
BIST005	UB054F0505	Spotted seatrout	Whole Body	Acenaphthene	3B	32	2	30	670.884375	ug/kg	25	ug/kg	N	Y	0.037264245
BIST005	UB054F0506	Spotted seatrout	Whole Body	Acenaphthene	3B	32	2	30	670.884375	ug/kg	25	ug/kg	N	Y	0.037264245
BIST005	UB054F0507	Spotted seatrout	Whole Body	Acenaphthene	3B	32	2	30	670.884375	ug/kg	25	ug/kg	N	Y	0.037264245
BIST005	UB054F0508	Spotted seatrout	Whole Body	Acenaphthene	3B	32	2	30	670.884375	ug/kg	25	ug/kg	N	Y	0.037264245
BIST005	UB054F0511	Spotted seatrout	Whole Body	Acenaphthene	3B	32	2	30	670.884375	ug/kg	25	ug/kg	N	Y	0.037264245
BIST006	MB014F0603	Spotted seatrout	Whole Body	Acenaphthene	3B	31	2	29	712.5096774	ug/kg	25	ug/kg	N	Y	0.035087243
BIST006	MB014F0604	Spotted seatrout	Whole Body	Acenaphthene	3B	31	2	29	712.5096774	ug/kg	25	ug/kg	N	Y	0.035087243
BIST006	MB014F0608	Spotted seatrout	Whole Body	Acenaphthene	3B	31	2	29	712.5096774	ug/kg	25	ug/kg	N	Y	0.035087243
BIST006	MB014F0612	Spotted seatrout	Whole Body	Acenaphthene	3B	31	2	29	712.5096774	ug/kg	25	ug/kg	N	Y	0.035087243
BIST006	MB014F0615	Sand seatrout	Whole Body	Acenaphthene	3B	31	2	29	712.5096774	ug/kg	25	ug/kg	N	Y	0.035087243
BIST006	MB014F0630	Sand seatrout	Whole Body	Acenaphthene	3B	31	2	29	712.5096774	ug/kg	25	ug/kg	N	Y	0.035087243
BIST015	LB034F1504	Spotted seatrout	Whole Body	Acenaphthene	3B	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB034F1505	Spotted seatrout	Whole Body	Acenaphthene	3B	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST015	LB034F1506	Atlantic croaker	Whole Body	Acenaphthene	3B	118	4	114	1598.95678	ug/kg	25	ug/kg	N	Y	0.015635194
BIST021	LB094F2107	Atlantic croaker	Whole Body	Acenaphthene	3B	65	2	63	638.5830769	ug/kg	25	ug/kg	N	Y	0.039149174
BIST021	LB094F2134	Pinfish	Whole Body	Acenaphthene	3B	65	2	63	638.5830769	ug/kg	25	ug/kg	N	Y	0.039149174
BIST021	LB094F2141	Pinfish	Whole Body	Acenaphthene	3B	65	2	63	638.5830769	ug/kg	25	ug/kg	N	Y	0.039149174
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Acenaphthene	3B	71	0	71	593.8028169	ug/kg	2300	ug/kg	N	N	3.873339658
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Acenaphthene	3B	73	0	73	609.1780822	ug/kg	2300	ug/kg	N	N	3.775579042
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Acenaphthene	3B	112	4	108	1649.16875	ug/kg	1000	ug/kg	N	Y	0.606366086
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Acenaphthene	3B	112	4	108	1649.16875	ug/kg	1000	ug/kg	N	Y	0.606366086
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Acenaphthene	3B	112	4	108	1649.16875	ug/kg	500	ug/kg	N	Y	0.303183043
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Acenaphthene	3B	112	4	108	1654.124107	ug/kg	500	ug/kg	N	Y	0.30227478
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Acenaphthene	3B	101	4	97	1767.791089	ug/kg	2300	ug/kg	N	N	1.301058713
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Acenaphthene	3B	101	4	97	1767.791089	ug/kg	2300	ug/kg	N	N	1.301058713
BIST005	UB054F0505	Spotted seatrout	Whole Body	Acenaphthylene	3B	34	5	29	633.3058824	ug/kg	25	ug/kg	N	Y	0.039475395
BIST005	UB054F0506	Spotted seatrout	Whole Body	Acenaphthylene	3B	34	5	29	633.3058824	ug/kg	25	ug/kg	N	Y	0.039475395
BIST005	UB054F0507	Spotted seatrout	Whole Body	Acenaphthylene	3B	34	5	29	633.3058824	ug/kg	25	ug/kg	N	Y	0.039475395
BIST005	UB054F0508	Spotted seatrout	Whole Body	Acenaphthylene	3B	34	5	29	633.3058824	ug/kg	25	ug/kg	N	Y	0.039475395
BIST005	UB054F0511	Spotted seatrout	Whole Body	Acenaphthylene	3B	34	5	29	633.3058824	ug/kg	25	ug/kg	N	Y	0.039475395
BIST006	MB014F0603	Spotted seatrout	Whole Body	Acenaphthylene	3B	32	3	29	701.721875	ug/kg	25	ug/kg	N	Y	0.035626651
BIST006	MB014F0604	Spotted seatrout	Whole Body	Acenaphthylene	3B	32	3	29	701.721875	ug/kg	25	ug/kg	N	Y	0.035626651
BIST006	MB014F0608	Spotted seatrout	Whole Body	Acenaphthylene	3B	32	3	29	701.721875	ug/kg	25	ug/kg	N	Y	0.035626651
BIST006	MB014F0612	Spotted seatrout	Whole Body	Acenaphthylene	3B	32	3	29	701.721875	ug/kg	25	ug/kg	N	Y	0.035626651
BIST006	MB014F0615	Sand seatrout	Whole Body	Acenaphthylene	3B	32	3	29	701.721875	ug/kg	25	ug/kg	N	Y	0.035626651
BIST006	MB014F0630	Sand seatrout	Whole Body	Acenaphthylene	3B	32	3	29	701.721875	ug/kg	25	ug/kg	N	Y	0.035626651
BIST015	LB034F1504	Spotted seatrout	Whole Body	Acenaphthylene	3B	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB034F1505	Spotted seatrout	Whole Body	Acenaphthylene	3B	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531
BIST015	LB034F1506	Atlantic croaker	Whole Body	Acenaphthylene	3B	129	14	115	1471.754264	ug/kg	25	ug/kg	N	Y	0.016986531

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2107	Atlantic croaker	Whole Body	Acenaphthylene	3B	67	3	64	624.6955224	ug/kg	25	ug/kg	N	Y	0.040019496
BIST021	LB094F2134	Pinfish	Whole Body	Acenaphthylene	3B	67	3	64	624.6955224	ug/kg	25	ug/kg	N	Y	0.040019496
BIST021	LB094F2141	Pinfish	Whole Body	Acenaphthylene	3B	67	3	64	624.6955224	ug/kg	25	ug/kg	N	Y	0.040019496
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Acenaphthylene	3B	80	9	71	547.42125	ug/kg	2300	ug/kg	N	N	4.20151757
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Acenaphthylene	3B	82	9	73	562.2402439	ug/kg	2300	ug/kg	N	N	4.090777964
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Acenaphthylene	3B	123	14	109	1511.270732	ug/kg	1000	ug/kg	N	Y	0.66169481
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Acenaphthylene	3B	123	14	109	1511.270732	ug/kg	1000	ug/kg	N	Y	0.66169481
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Acenaphthylene	3B	123	14	109	1511.270732	ug/kg	500	ug/kg	N	Y	0.330847405
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Acenaphthylene	3B	123	14	109	1515.782927	ug/kg	500	ug/kg	N	Y	0.329862536
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Acenaphthylene	3B	111	13	98	1618.503604	ug/kg	2300	ug/kg	N	N	1.421065727
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Acenaphthylene	3B	111	13	98	1618.503604	ug/kg	2300	ug/kg	N	N	1.421065727
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aldrin	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aldrin	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aldrin	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aldrin	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aldrin	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aldrin	3B	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aldrin	3B	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aldrin	3B	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aldrin	3B	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB014F0615	Sand seatrout	Whole Body	Aldrin	3B	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST006	MB014F0630	Sand seatrout	Whole Body	Aldrin	3B	31	1	30	2.512903226	ug/kg	5	ug/kg	N	Y	1.989730424
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aldrin	3B	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aldrin	3B	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aldrin	3B	88	25	63	21.13039773	ug/kg	5	ug/kg	N	Y	0.236625929
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aldrin	3B	42	13	29	22.76428571	ug/kg	5	ug/kg	N	Y	0.219642297
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aldrin	3B	42	13	29	22.76428571	ug/kg	5	ug/kg	N	Y	0.219642297
BIST021	LB094F2134	Pinfish	Whole Body	Aldrin	3B	42	13	29	22.76428571	ug/kg	5	ug/kg	N	Y	0.219642297
BIST021	LB094F2141	Pinfish	Whole Body	Aldrin	3B	42	13	29	22.76428571	ug/kg	11	ug/kg	Y	Y	0.483213053
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aldrin	3B	71	24	47	13.47471831	ug/kg	6.9	ug/kg	N	N	0.512070074
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aldrin	3B	72	24	48	13.79243056	ug/kg	16.1	ug/kg	N	N	1.167306947
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aldrin	3B	87	30	57	20.72166667	ug/kg	3	ug/kg	N	Y	0.144775999
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aldrin	3B	87	30	57	20.72166667	ug/kg	2.3	ug/kg	Y	Y	0.110994933
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aldrin	3B	87	30	57	20.72166667	ug/kg	3	ug/kg	N	Y	0.144775999
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aldrin	3B	87	29	58	20.96477011	ug/kg	3	ug/kg	N	Y	0.143097205
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aldrin	3B	76	24	52	19.57664474	ug/kg	6.9	ug/kg	N	N	0.352460807
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aldrin	3B	76	24	52	19.57664474	ug/kg	6.9	ug/kg	N	N	0.352460807
BIST005	UB054F0505	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.45483871	ug/kg	5	ug/kg	N	Y	2.036793693
BIST005	UB054F0506	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.45483871	ug/kg	5	ug/kg	N	Y	2.036793693
BIST005	UB054F0507	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.45483871	ug/kg	5	ug/kg	N	Y	2.036793693
BIST005	UB054F0508	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.45483871	ug/kg	5	ug/kg	N	Y	2.036793693
BIST005	UB054F0511	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.45483871	ug/kg	5	ug/kg	N	Y	2.036793693
BIST006	MB014F0603	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB014F0604	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB014F0608	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB014F0612	Spotted seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB014F0615	Sand seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST006	MB014F0630	Sand seatrout	Whole Body	alpha-Chlordane	3B	31	3	28	2.4	ug/kg	5	ug/kg	N	Y	2.083333333
BIST015	LB034F1504	Spotted seatrout	Whole Body	alpha-Chlordane	3B	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB034F1505	Spotted seatrout	Whole Body	alpha-Chlordane	3B	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST015	LB034F1506	Atlantic croaker	Whole Body	alpha-Chlordane	3B	88	19	69	15.05011364	ug/kg	5	ug/kg	N	Y	0.332223405
BIST021	LB094F2101	Spotted seatrout	Whole Body	alpha-Chlordane	3B	42	9	33	7.904880952	ug/kg	5	ug/kg	N	Y	0.632520595
BIST021	LB094F2107	Atlantic croaker	Whole Body	alpha-Chlordane	3B	42	9	33	7.904880952	ug/kg	5	ug/kg	N	Y	0.632520595
BIST021	LB094F2134	Pinfish	Whole Body	alpha-Chlordane	3B	42	9	33	7.904880952	ug/kg	5	ug/kg	N	Y	0.632520595

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2141	Pinfish	Whole Body	alpha-Chlordane	3B	42	9	33	7.904880952	ug/kg	5	ug/kg	N	Y	0.632520595
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	alpha-Chlordane	3B	71	14	57	13.48661972	ug/kg	1.748	ug/kg	Y	N	0.129609942
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	alpha-Chlordane	3B	72	14	58	13.82708333	ug/kg	4.6	ug/kg	Y	N	0.332680428
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	alpha-Chlordane	3B	86	20	66	14.65203488	ug/kg	3	ug/kg	N	Y	0.204749717
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	alpha-Chlordane	3B	86	20	66	14.65203488	ug/kg	4.7	ug/kg	Y	Y	0.320774557
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	alpha-Chlordane	3B	86	20	66	14.65203488	ug/kg	3.4	ug/kg	Y	Y	0.23204968
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	alpha-Chlordane	3B	86	19	67	14.99377907	ug/kg	3	ug/kg	N	Y	0.20008298
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	alpha-Chlordane	3B	76	16	60	15.77782895	ug/kg	3.45	ug/kg	Y	N	0.218661263
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	alpha-Chlordane	3B	76	16	60	15.77782895	ug/kg	2.3	ug/kg	Y	N	0.145774175
BIST005	UB054F0505	Spotted seatrout	Whole Body	Anthracene	3B	34	4	30	636.6176471	ug/kg	25	ug/kg	N	Y	0.039270039
BIST005	UB054F0506	Spotted seatrout	Whole Body	Anthracene	3B	34	4	30	636.6176471	ug/kg	25	ug/kg	N	Y	0.039270039
BIST005	UB054F0507	Spotted seatrout	Whole Body	Anthracene	3B	34	4	30	636.6176471	ug/kg	25	ug/kg	N	Y	0.039270039
BIST005	UB054F0508	Spotted seatrout	Whole Body	Anthracene	3B	34	4	30	636.6176471	ug/kg	25	ug/kg	N	Y	0.039270039
BIST005	UB054F0511	Spotted seatrout	Whole Body	Anthracene	3B	34	4	30	636.6176471	ug/kg	25	ug/kg	N	Y	0.039270039
BIST006	MB014F0603	Spotted seatrout	Whole Body	Anthracene	3B	32	3	29	695.046875	ug/kg	25	ug/kg	N	Y	0.035968797
BIST006	MB014F0604	Spotted seatrout	Whole Body	Anthracene	3B	32	3	29	695.046875	ug/kg	25	ug/kg	N	Y	0.035968797
BIST006	MB014F0608	Spotted seatrout	Whole Body	Anthracene	3B	32	3	29	695.046875	ug/kg	25	ug/kg	N	Y	0.035968797
BIST006	MB014F0612	Spotted seatrout	Whole Body	Anthracene	3B	32	3	29	695.046875	ug/kg	25	ug/kg	N	Y	0.035968797
BIST006	MB014F0615	Sand seatrout	Whole Body	Anthracene	3B	32	3	29	695.046875	ug/kg	25	ug/kg	N	Y	0.035968797
BIST006	MB014F0630	Sand seatrout	Whole Body	Anthracene	3B	32	3	29	695.046875	ug/kg	25	ug/kg	N	Y	0.035968797
BIST015	LB034F1504	Spotted seatrout	Whole Body	Anthracene	3B	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB034F1505	Spotted seatrout	Whole Body	Anthracene	3B	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST015	LB034F1506	Atlantic croaker	Whole Body	Anthracene	3B	124	12	112	1518.473387	ug/kg	25	ug/kg	N	Y	0.016463904
BIST021	LB094F2107	Atlantic croaker	Whole Body	Anthracene	3B	66	4	62	620.4242424	ug/kg	25	ug/kg	N	Y	0.040295008
BIST021	LB094F2134	Pinfish	Whole Body	Anthracene	3B	66	4	62	620.4242424	ug/kg	25	ug/kg	N	Y	0.040295008
BIST021	LB094F2141	Pinfish	Whole Body	Anthracene	3B	66	4	62	620.4242424	ug/kg	25	ug/kg	N	Y	0.040295008
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Anthracene	3B	75	5	70	560.796	ug/kg	2300	ug/kg	N	N	4.101313133
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Anthracene	3B	77	5	72	576.2298701	ug/kg	2300	ug/kg	N	N	3.991462642
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Anthracene	3B	118	12	106	1562.039831	ug/kg	1000	ug/kg	N	Y	0.640188541
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Anthracene	3B	118	12	106	1562.039831	ug/kg	1000	ug/kg	N	Y	0.640188541
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Anthracene	3B	118	12	106	1562.039831	ug/kg	500	ug/kg	N	Y	0.32009427
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Anthracene	3B	118	12	106	1566.74322	ug/kg	500	ug/kg	N	Y	0.319133342
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Anthracene	3B	106	11	95	1680.145283	ug/kg	2300	ug/kg	N	N	1.368929237
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Anthracene	3B	106	11	95	1680.145283	ug/kg	2300	ug/kg	N	N	1.368929237
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aroclor-1016	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aroclor-1016	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aroclor-1016	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aroclor-1016	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aroclor-1016	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aroclor-1016	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aroclor-1016	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aroclor-1016	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aroclor-1016	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0615	Sand seatrout	Whole Body	Aroclor-1016	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0630	Sand seatrout	Whole Body	Aroclor-1016	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aroclor-1016	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aroclor-1016	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aroclor-1016	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aroclor-1016	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aroclor-1016	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2134	Pinfish	Whole Body	Aroclor-1016	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aroclor-1016	3B	70	0	70	64.63571429	ug/kg	115	ug/kg	N	N	1.779202122
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aroclor-1016	3B	71	0	71	64.11267606	ug/kg	115	ug/kg	N	N	1.793717047
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aroclor-1016	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aroclor-1016	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aroclor-1016	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aroclor-1016	3B	86	0	86	86.55813953	ug/kg	50	ug/kg	N	Y	0.577646427
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aroclor-1016	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aroclor-1016	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aroclor-1221	3B	33	0	33	74.07575758	ug/kg	5	ug/kg	N	Y	0.067498466
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aroclor-1221	3B	33	0	33	74.07575758	ug/kg	5	ug/kg	N	Y	0.067498466
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aroclor-1221	3B	33	0	33	74.07575758	ug/kg	5	ug/kg	N	Y	0.067498466
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aroclor-1221	3B	33	0	33	74.07575758	ug/kg	5	ug/kg	N	Y	0.067498466
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aroclor-1221	3B	33	0	33	74.07575758	ug/kg	5	ug/kg	N	Y	0.067498466
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aroclor-1221	3B	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aroclor-1221	3B	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aroclor-1221	3B	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aroclor-1221	3B	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB014F0615	Sand seatrout	Whole Body	Aroclor-1221	3B	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST006	MB014F0630	Sand seatrout	Whole Body	Aroclor-1221	3B	32	0	32	81.390625	ug/kg	5	ug/kg	N	Y	0.061432137
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aroclor-1221	3B	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aroclor-1221	3B	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aroclor-1221	3B	88	0	88	168.1534091	ug/kg	5	ug/kg	N	Y	0.029734752
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aroclor-1221	3B	42	0	42	137.1904762	ug/kg	5	ug/kg	N	Y	0.036445679
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aroclor-1221	3B	42	0	42	137.1904762	ug/kg	5	ug/kg	N	Y	0.036445679
BIST021	LB094F2134	Pinfish	Whole Body	Aroclor-1221	3B	42	0	42	137.1904762	ug/kg	5	ug/kg	N	Y	0.036445679
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aroclor-1221	3B	70	0	70	127.2642857	ug/kg	115	ug/kg	N	N	0.903631363
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aroclor-1221	3B	71	0	71	125.7323944	ug/kg	115	ug/kg	N	N	0.914640977
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aroclor-1221	3B	86	0	86	170.5755814	ug/kg	50	ug/kg	N	Y	0.293125192
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aroclor-1221	3B	86	0	86	170.5755814	ug/kg	50	ug/kg	N	Y	0.293125192
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aroclor-1221	3B	86	0	86	170.5755814	ug/kg	50	ug/kg	N	Y	0.293125192
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aroclor-1221	3B	86	0	86	169.4244186	ug/kg	50	ug/kg	N	Y	0.295116846
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aroclor-1221	3B	76	0	76	171.6776316	ug/kg	115	ug/kg	N	N	0.669860126
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aroclor-1221	3B	76	0	76	171.6776316	ug/kg	115	ug/kg	N	N	0.669860126
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aroclor-1232	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aroclor-1232	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aroclor-1232	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aroclor-1232	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aroclor-1232	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aroclor-1232	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aroclor-1232	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aroclor-1232	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aroclor-1232	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0615	Sand seatrout	Whole Body	Aroclor-1232	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0630	Sand seatrout	Whole Body	Aroclor-1232	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aroclor-1232	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aroclor-1232	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aroclor-1232	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aroclor-1232	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aroclor-1232	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2134	Pinfish	Whole Body	Aroclor-1232	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aroclor-1232	3B	70	0	70	64.63571429	ug/kg	115	ug/kg	N	N	1.779202122
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aroclor-1232	3B	71	0	71	64.11267606	ug/kg	115	ug/kg	N	N	1.793717047
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aroclor-1232	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aroclor-1232	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aroclor-1232	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aroclor-1232	3B	86	0	86	86.55813953	ug/kg	50	ug/kg	N	Y	0.577646427
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aroclor-1232	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aroclor-1232	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aroclor-1242	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aroclor-1242	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aroclor-1242	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aroclor-1242	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aroclor-1242	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aroclor-1242	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aroclor-1242	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aroclor-1242	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aroclor-1242	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0615	Sand seatrout	Whole Body	Aroclor-1242	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0630	Sand seatrout	Whole Body	Aroclor-1242	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aroclor-1242	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aroclor-1242	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aroclor-1242	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aroclor-1242	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aroclor-1242	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2134	Pinfish	Whole Body	Aroclor-1242	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aroclor-1242	3B	70	0	70	64.63571429	ug/kg	115	ug/kg	N	N	1.779202122
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aroclor-1242	3B	71	0	71	64.11267606	ug/kg	115	ug/kg	N	N	1.793717047
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aroclor-1242	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aroclor-1242	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aroclor-1242	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aroclor-1242	3B	86	0	86	86.55813953	ug/kg	50	ug/kg	N	Y	0.577646427
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aroclor-1242	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aroclor-1242	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aroclor-1248	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aroclor-1248	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aroclor-1248	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aroclor-1248	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aroclor-1248	3B	33	0	33	36.60606061	ug/kg	5	ug/kg	N	Y	0.136589404
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aroclor-1248	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aroclor-1248	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aroclor-1248	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aroclor-1248	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0615	Sand seatrout	Whole Body	Aroclor-1248	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST006	MB014F0630	Sand seatrout	Whole Body	Aroclor-1248	3B	32	0	32	40.015625	ug/kg	5	ug/kg	N	Y	0.124951191
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aroclor-1248	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aroclor-1248	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aroclor-1248	3B	88	0	88	85.95454545	ug/kg	5	ug/kg	N	Y	0.05817028
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aroclor-1248	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aroclor-1248	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
BIST021	LB094F2134	Pinfish	Whole Body	Aroclor-1248	3B	42	0	42	68.92857143	ug/kg	5	ug/kg	N	Y	0.07253886
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aroclor-1248	3B	70	0	70	64.63571429	ug/kg	115	ug/kg	N	N	1.779202122
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aroclor-1248	3B	71	0	71	64.11267606	ug/kg	115	ug/kg	N	N	1.793717047
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aroclor-1248	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aroclor-1248	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aroclor-1248	3B	86	0	86	86.94767442	ug/kg	50	ug/kg	N	Y	0.575058509
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aroclor-1248	3B	86	0	86	86.55813953	ug/kg	50	ug/kg	N	Y	0.577646427
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aroclor-1248	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aroclor-1248	3B	76	0	76	88.17105263	ug/kg	115	ug/kg	N	N	1.304282943
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aroclor-1254	3B	34	29	5	1288.955882	ug/kg	160	ug/kg	Y	Y	0.124131479
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aroclor-1254	3B	34	29	5	1288.955882	ug/kg	31	ug/kg	Y	Y	0.024050474
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aroclor-1254	3B	34	29	5	1288.955882	ug/kg	46	ug/kg	Y	Y	0.0356878

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aroclor-1254	3B	34	29	5	1288.955882	ug/kg	96	ug/kg	Y	Y	0.074478887
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aroclor-1254	3B	34	29	5	1288.955882	ug/kg	5	ug/kg	N	Y	0.003879109
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aroclor-1254	3B	33	29	4	1333.742424	ug/kg	20	ug/kg	Y	Y	0.014995399
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aroclor-1254	3B	33	29	4	1333.742424	ug/kg	30	ug/kg	Y	Y	0.022493099
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aroclor-1254	3B	33	29	4	1333.742424	ug/kg	23	ug/kg	Y	Y	0.017244709
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aroclor-1254	3B	33	29	4	1333.742424	ug/kg	67	ug/kg	Y	Y	0.050234587
BIST006	MB014F0615	Sand seatrout	Whole Body	Aroclor-1254	3B	33	29	4	1333.742424	ug/kg	96	ug/kg	Y	Y	0.071977916
BIST006	MB014F0630	Sand seatrout	Whole Body	Aroclor-1254	3B	33	29	4	1333.742424	ug/kg	64	ug/kg	Y	Y	0.047985277
BIST015	LB034F1503	Spotted seatrout	Whole Body	Aroclor-1254	3B	88	19	69	99.30113636	ug/kg	70	ug/kg	Y	Y	0.704926475
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aroclor-1254	3B	88	19	69	99.30113636	ug/kg	130	ug/kg	Y	Y	1.309149167
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aroclor-1254	3B	88	19	69	99.30113636	ug/kg	5	ug/kg	N	Y	0.050351891
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aroclor-1254	3B	88	19	69	99.30113636	ug/kg	180	ug/kg	Y	Y	1.812668078
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aroclor-1254	3B	42	8	34	85.31904762	ug/kg	69	ug/kg	Y	Y	0.80872914
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aroclor-1254	3B	42	8	34	85.31904762	ug/kg	170	ug/kg	Y	Y	1.992521069
BIST021	LB094F2134	Pinfish	Whole Body	Aroclor-1254	3B	42	8	34	85.31904762	ug/kg	260	ug/kg	Y	Y	3.047385165
BIST021	LB094F2141	Pinfish	Whole Body	Aroclor-1254	3B	42	8	34	85.31904762	ug/kg	310	ug/kg	Y	Y	3.633420774
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aroclor-1254	3B	72	36	36	109.0902778	ug/kg	115	ug/kg	N	N	1.054172767
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aroclor-1254	3B	73	36	37	108.1506849	ug/kg	115	ug/kg	N	N	1.063331222
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aroclor-1254	3B	87	24	63	100.745977	ug/kg	50	ug/kg	N	Y	0.496297733
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aroclor-1254	3B	87	24	63	100.745977	ug/kg	50	ug/kg	N	Y	0.496297733
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aroclor-1254	3B	87	24	63	100.745977	ug/kg	50	ug/kg	N	Y	0.496297733
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aroclor-1254	3B	87	22	65	100.7114943	ug/kg	50	ug/kg	N	Y	0.496467661
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aroclor-1254	3B	76	16	60	103.6828947	ug/kg	115	ug/kg	N	N	1.109151131
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aroclor-1254	3B	76	16	60	103.6828947	ug/kg	115	ug/kg	N	N	1.109151131
BIST005	UB054F0505	Spotted seatrout	Whole Body	Aroclor-1260	3B	33	2	31	39.65151515	ug/kg	140	ug/kg	Y	Y	3.530760413
BIST005	UB054F0506	Spotted seatrout	Whole Body	Aroclor-1260	3B	33	2	31	39.65151515	ug/kg	31	ug/kg	Y	Y	0.781811234
BIST005	UB054F0507	Spotted seatrout	Whole Body	Aroclor-1260	3B	33	2	31	39.65151515	ug/kg	47	ug/kg	Y	Y	1.18532671
BIST005	UB054F0508	Spotted seatrout	Whole Body	Aroclor-1260	3B	33	2	31	39.65151515	ug/kg	86	ug/kg	Y	Y	2.168895682
BIST005	UB054F0511	Spotted seatrout	Whole Body	Aroclor-1260	3B	33	2	31	39.65151515	ug/kg	5	ug/kg	N	Y	0.126098586
BIST006	MB014F0603	Spotted seatrout	Whole Body	Aroclor-1260	3B	32	2	30	43.921875	ug/kg	23	ug/kg	Y	Y	0.523657062
BIST006	MB014F0604	Spotted seatrout	Whole Body	Aroclor-1260	3B	32	2	30	43.921875	ug/kg	27	ug/kg	Y	Y	0.614727855
BIST006	MB014F0608	Spotted seatrout	Whole Body	Aroclor-1260	3B	32	2	30	43.921875	ug/kg	22	ug/kg	Y	Y	0.500889363
BIST006	MB014F0612	Spotted seatrout	Whole Body	Aroclor-1260	3B	32	2	30	43.921875	ug/kg	60	ug/kg	Y	Y	1.3660619
BIST006	MB014F0615	Sand seatrout	Whole Body	Aroclor-1260	3B	32	2	30	43.921875	ug/kg	99	ug/kg	Y	Y	2.254002134
BIST006	MB014F0630	Sand seatrout	Whole Body	Aroclor-1260	3B	32	2	30	43.921875	ug/kg	59	ug/kg	Y	Y	1.343294201
BIST015	LB034F1503	Spotted seatrout	Whole Body	Aroclor-1260	3B	88	2	86	87.53977273	ug/kg	25	ug/kg	Y	Y	0.285584475
BIST015	LB034F1504	Spotted seatrout	Whole Body	Aroclor-1260	3B	88	2	86	87.53977273	ug/kg	36	ug/kg	Y	Y	0.411241643
BIST015	LB034F1505	Spotted seatrout	Whole Body	Aroclor-1260	3B	88	2	86	87.53977273	ug/kg	5	ug/kg	N	Y	0.057116895
BIST015	LB034F1506	Atlantic croaker	Whole Body	Aroclor-1260	3B	88	2	86	87.53977273	ug/kg	81	ug/kg	Y	Y	0.925293698
BIST021	LB094F2101	Spotted seatrout	Whole Body	Aroclor-1260	3B	42	2	40	72.25	ug/kg	24	ug/kg	Y	Y	0.332179931
BIST021	LB094F2107	Atlantic croaker	Whole Body	Aroclor-1260	3B	42	2	40	72.25	ug/kg	71	ug/kg	Y	Y	0.982698962
BIST021	LB094F2134	Pinfish	Whole Body	Aroclor-1260	3B	42	2	40	72.25	ug/kg	130	ug/kg	Y	Y	1.799307958
BIST021	LB094F2141	Pinfish	Whole Body	Aroclor-1260	3B	42	2	40	72.25	ug/kg	190	ug/kg	Y	Y	2.629757785
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Aroclor-1260	3B	70	0	70	64.63571429	ug/kg	115	ug/kg	N	N	1.779202122
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Aroclor-1260	3B	71	0	71	64.11267606	ug/kg	115	ug/kg	N	N	1.793717047
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Aroclor-1260	3B	86	2	84	88.56976744	ug/kg	50	ug/kg	N	Y	0.564526717
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Aroclor-1260	3B	86	2	84	88.56976744	ug/kg	50	ug/kg	N	Y	0.564526717
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Aroclor-1260	3B	86	2	84	88.56976744	ug/kg	86	ug/kg	Y	Y	0.970985952
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Aroclor-1260	3B	86	2	84	88.18023256	ug/kg	50	ug/kg	N	Y	0.567020505
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Aroclor-1260	3B	76	2	74	90.00657895	ug/kg	115	ug/kg	N	N	1.27768438
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Aroclor-1260	3B	76	2	74	90.00657895	ug/kg	115	ug/kg	N	N	1.27768438
BIST005	UB054F0505	Spotted seatrout	Whole Body	Arsenic	3B	30	28	2	3.269666667	mg/kg	0.15	mg/kg	Y	Y	0.045876236
BIST005	UB054F0506	Spotted seatrout	Whole Body	Arsenic	3B	30	28	2	3.269666667	mg/kg	0.17	mg/kg	Y	Y	0.051993068
BIST005	UB054F0507	Spotted seatrout	Whole Body	Arsenic	3B	30	28	2	3.269666667	mg/kg	0.17	mg/kg	Y	Y	0.051993068

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0508	Spotted seatrout	Whole Body	Arsenic	3B	30	28	2	3.269666667	mg/kg	0.15	mg/kg	Y	Y	0.045876236
BIST005	UB054F0511	Spotted seatrout	Whole Body	Arsenic	3B	30	28	2	3.269666667	mg/kg	0.15	mg/kg	Y	Y	0.045876236
BIST006	MB014F0603	Spotted seatrout	Whole Body	Arsenic	3B	30	30	0	3.39	mg/kg	0.16	mg/kg	Y	Y	0.04719764
BIST006	MB014F0604	Spotted seatrout	Whole Body	Arsenic	3B	30	30	0	3.39	mg/kg	0.19	mg/kg	Y	Y	0.056047198
BIST006	MB014F0608	Spotted seatrout	Whole Body	Arsenic	3B	30	30	0	3.39	mg/kg	0.16	mg/kg	Y	Y	0.04719764
BIST006	MB014F0612	Spotted seatrout	Whole Body	Arsenic	3B	30	30	0	3.39	mg/kg	0.13	mg/kg	Y	Y	0.038348083
BIST006	MB014F0615	Sand seatrout	Whole Body	Arsenic	3B	30	30	0	3.39	mg/kg	0.17	mg/kg	Y	Y	0.050147493
BIST006	MB014F0630	Sand seatrout	Whole Body	Arsenic	3B	30	30	0	3.39	mg/kg	0.16	mg/kg	Y	Y	0.04719764
BIST015	LB034F1503	Spotted seatrout	Whole Body	Arsenic	3B	111	97	14	3.631081081	mg/kg	0.19	mg/kg	Y	Y	0.052326014
BIST015	LB034F1504	Spotted seatrout	Whole Body	Arsenic	3B	111	97	14	3.631081081	mg/kg	0.18	mg/kg	Y	Y	0.049572013
BIST015	LB034F1505	Spotted seatrout	Whole Body	Arsenic	3B	111	97	14	3.631081081	mg/kg	0.15	mg/kg	Y	Y	0.041310011
BIST015	LB034F1506	Atlantic croaker	Whole Body	Arsenic	3B	111	97	14	3.631081081	mg/kg	0.37	mg/kg	Y	Y	0.101898028
BIST021	LB094F2101	Spotted seatrout	Whole Body	Arsenic	3B	62	47	15	3.161370968	mg/kg	0.2	mg/kg	Y	Y	0.063263692
BIST021	LB094F2107	Atlantic croaker	Whole Body	Arsenic	3B	62	47	15	3.161370968	mg/kg	0.38	mg/kg	Y	Y	0.120201015
BIST021	LB094F2134	Pinfish	Whole Body	Arsenic	3B	62	47	15	3.161370968	mg/kg	0.69	mg/kg	Y	Y	0.218259738
BIST021	LB094F2141	Pinfish	Whole Body	Arsenic	3B	62	47	15	3.161370968	mg/kg	0.59	mg/kg	Y	Y	0.186627892
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Arsenic	3B	69	69	0	3.579710145	mg/kg	0.989	mg/kg	Y	N	0.276279352
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Arsenic	3B	71	71	0	3.623943662	mg/kg	1.472	mg/kg	Y	N	0.40618733
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Arsenic	3B	104	94	10	3.667836538	mg/kg	0.5	mg/kg	N	Y	0.136320143
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Arsenic	3B	104	94	10	3.667836538	mg/kg	0.325	mg/kg	N	Y	0.088608093
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Arsenic	3B	104	94	10	3.667836538	mg/kg	0.5	mg/kg	Y	Y	0.136320143
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Arsenic	3B	104	93	11	3.638028846	mg/kg	0.57	mg/kg	Y	Y	0.156678252
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Arsenic	3B	94	81	13	3.527712766	mg/kg	3.91	mg/kg	N	N	1.108366882
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Arsenic	3B	94	81	13	3.527712766	mg/kg	0.989	mg/kg	Y	N	0.280351623
BIST005	UB054F0505	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	34	6	28	598.9029412	ug/kg	25	ug/kg	N	Y	0.041742991
BIST005	UB054F0506	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	34	6	28	598.9029412	ug/kg	25	ug/kg	N	Y	0.041742991
BIST005	UB054F0507	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	34	6	28	598.9029412	ug/kg	25	ug/kg	N	Y	0.041742991
BIST005	UB054F0508	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	34	6	28	598.9029412	ug/kg	25	ug/kg	N	Y	0.041742991
BIST005	UB054F0511	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	34	6	28	598.9029412	ug/kg	25	ug/kg	N	Y	0.041742991
BIST006	MB014F0603	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	32	5	27	654.35625	ug/kg	25	ug/kg	N	Y	0.038205488
BIST006	MB014F0604	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	32	5	27	654.35625	ug/kg	25	ug/kg	N	Y	0.038205488
BIST006	MB014F0608	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	32	5	27	654.35625	ug/kg	25	ug/kg	N	Y	0.038205488
BIST006	MB014F0612	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	32	5	27	654.35625	ug/kg	25	ug/kg	N	Y	0.038205488
BIST006	MB014F0615	Sand seatrout	Whole Body	Benzo(a)anthracene	3B	32	5	27	654.35625	ug/kg	25	ug/kg	N	Y	0.038205488
BIST006	MB014F0630	Sand seatrout	Whole Body	Benzo(a)anthracene	3B	32	5	27	654.35625	ug/kg	25	ug/kg	N	Y	0.038205488
BIST015	LB034F1504	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB034F1505	Spotted seatrout	Whole Body	Benzo(a)anthracene	3B	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST015	LB034F1506	Atlantic croaker	Whole Body	Benzo(a)anthracene	3B	129	25	104	1512.753488	ug/kg	25	ug/kg	N	Y	0.016526156
BIST021	LB094F2107	Atlantic croaker	Whole Body	Benzo(a)anthracene	3B	68	10	58	625.0485294	ug/kg	25	ug/kg	N	Y	0.039996894
BIST021	LB094F2134	Pinfish	Whole Body	Benzo(a)anthracene	3B	68	10	58	625.0485294	ug/kg	25	ug/kg	N	Y	0.039996894
BIST021	LB094F2141	Pinfish	Whole Body	Benzo(a)anthracene	3B	68	10	58	625.0485294	ug/kg	25	ug/kg	N	Y	0.039996894
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Benzo(a)anthracene	3B	79	12	67	544.5721519	ug/kg	2300	ug/kg	N	N	4.223499112
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Benzo(a)anthracene	3B	81	12	69	559.6444444	ug/kg	2300	ug/kg	N	N	4.109752224
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Benzo(a)anthracene	3B	123	25	98	1553.009756	ug/kg	1000	ug/kg	N	Y	0.643910958
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Benzo(a)anthracene	3B	123	25	98	1553.009756	ug/kg	1000	ug/kg	N	Y	0.643910958
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Benzo(a)anthracene	3B	123	25	98	1553.009756	ug/kg	500	ug/kg	N	Y	0.321955479
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Benzo(a)anthracene	3B	123	25	98	1557.521951	ug/kg	500	ug/kg	N	Y	0.321022763
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Benzo(a)anthracene	3B	111	21	90	1674.92973	ug/kg	2300	ug/kg	N	N	1.373191937
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Benzo(a)anthracene	3B	111	21	90	1674.92973	ug/kg	2300	ug/kg	N	N	1.373191937
BIST005	UB054F0505	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	34	6	28	590.3970588	ug/kg	25	ug/kg	N	Y	0.042344384
BIST005	UB054F0506	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	34	6	28	590.3970588	ug/kg	25	ug/kg	N	Y	0.042344384
BIST005	UB054F0507	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	34	6	28	590.3970588	ug/kg	25	ug/kg	N	Y	0.042344384
BIST005	UB054F0508	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	34	6	28	590.3970588	ug/kg	25	ug/kg	N	Y	0.042344384
BIST005	UB054F0511	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	34	6	28	590.3970588	ug/kg	25	ug/kg	N	Y	0.042344384

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0603	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	32	5	27	645.05	ug/kg	25	ug/kg	N	Y	0.038756686
BIST006	MB014F0604	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	32	5	27	645.05	ug/kg	25	ug/kg	N	Y	0.038756686
BIST006	MB014F0608	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	32	5	27	645.05	ug/kg	25	ug/kg	N	Y	0.038756686
BIST006	MB014F0612	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	32	5	27	645.05	ug/kg	25	ug/kg	N	Y	0.038756686
BIST006	MB014F0615	Sand seatrout	Whole Body	Benzo(a)pyrene	3B	32	5	27	645.05	ug/kg	25	ug/kg	N	Y	0.038756686
BIST006	MB014F0630	Sand seatrout	Whole Body	Benzo(a)pyrene	3B	32	5	27	645.05	ug/kg	25	ug/kg	N	Y	0.038756686
BIST015	LB034F1504	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB034F1505	Spotted seatrout	Whole Body	Benzo(a)pyrene	3B	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST015	LB034F1506	Atlantic croaker	Whole Body	Benzo(a)pyrene	3B	130	22	108	1514.347692	ug/kg	25	ug/kg	N	Y	0.016508758
BIST021	LB094F2107	Atlantic croaker	Whole Body	Benzo(a)pyrene	3B	68	8	60	619.7220588	ug/kg	25	ug/kg	N	Y	0.040340665
BIST021	LB094F2134	Pinfish	Whole Body	Benzo(a)pyrene	3B	68	8	60	619.7220588	ug/kg	25	ug/kg	N	Y	0.040340665
BIST021	LB094F2141	Pinfish	Whole Body	Benzo(a)pyrene	3B	68	8	60	619.7220588	ug/kg	25	ug/kg	N	Y	0.040340665
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Benzo(a)pyrene	3B	80	12	68	539.93375	ug/kg	2300	ug/kg	N	N	4.259781871
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Benzo(a)pyrene	3B	82	12	70	554.9353659	ug/kg	2300	ug/kg	N	N	4.144626819
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Benzo(a)pyrene	3B	124	21	103	1556.090323	ug/kg	1000	ug/kg	N	Y	0.642636218
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Benzo(a)pyrene	3B	124	21	103	1556.090323	ug/kg	1000	ug/kg	N	Y	0.642636218
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Benzo(a)pyrene	3B	124	21	103	1556.090323	ug/kg	500	ug/kg	N	Y	0.321318109
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Benzo(a)pyrene	3B	124	21	103	1560.566129	ug/kg	500	ug/kg	N	Y	0.320396548
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Benzo(a)pyrene	3B	112	19	93	1668.867857	ug/kg	2300	ug/kg	N	N	1.378179818
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Benzo(a)pyrene	3B	112	19	93	1668.867857	ug/kg	2300	ug/kg	N	N	1.378179818
BIST005	UB054F0505	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	34	5	29	639.9147059	ug/kg	25	ug/kg	N	Y	0.039067707
BIST005	UB054F0506	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	34	5	29	639.9147059	ug/kg	25	ug/kg	N	Y	0.039067707
BIST005	UB054F0507	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	34	5	29	639.9147059	ug/kg	25	ug/kg	N	Y	0.039067707
BIST005	UB054F0508	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	34	5	29	639.9147059	ug/kg	25	ug/kg	N	Y	0.039067707
BIST005	UB054F0511	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	34	5	29	639.9147059	ug/kg	25	ug/kg	N	Y	0.039067707
BIST006	MB014F0603	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	32	4	28	696.503125	ug/kg	25	ug/kg	N	Y	0.035893593
BIST006	MB014F0604	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	32	4	28	696.503125	ug/kg	25	ug/kg	N	Y	0.035893593
BIST006	MB014F0608	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	32	4	28	696.503125	ug/kg	25	ug/kg	N	Y	0.035893593
BIST006	MB014F0612	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	32	4	28	696.503125	ug/kg	25	ug/kg	N	Y	0.035893593
BIST006	MB014F0615	Sand seatrout	Whole Body	Benzo(b)fluoranthene	3B	32	4	28	696.503125	ug/kg	25	ug/kg	N	Y	0.035893593
BIST006	MB014F0630	Sand seatrout	Whole Body	Benzo(b)fluoranthene	3B	32	4	28	696.503125	ug/kg	25	ug/kg	N	Y	0.035893593
BIST015	LB034F1504	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB034F1505	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	3B	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST015	LB034F1506	Atlantic croaker	Whole Body	Benzo(b)fluoranthene	3B	131	25	106	1554.393893	ug/kg	25	ug/kg	N	Y	0.016083439
BIST021	LB094F2107	Atlantic croaker	Whole Body	Benzo(b)fluoranthene	3B	68	10	58	622.4191176	ug/kg	25	ug/kg	N	Y	0.040165861
BIST021	LB094F2134	Pinfish	Whole Body	Benzo(b)fluoranthene	3B	68	10	58	622.4191176	ug/kg	25	ug/kg	N	Y	0.040165861
BIST021	LB094F2141	Pinfish	Whole Body	Benzo(b)fluoranthene	3B	68	10	58	622.4191176	ug/kg	25	ug/kg	N	Y	0.040165861
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Benzo(b)fluoranthene	3B	81	13	68	554.8839506	ug/kg	2300	ug/kg	N	N	4.145010858
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Benzo(b)fluoranthene	3B	83	13	70	569.3445783	ug/kg	2300	ug/kg	N	N	4.039732857
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Benzo(b)fluoranthene	3B	125	25	100	1596.0048	ug/kg	1000	ug/kg	N	Y	0.626564532
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Benzo(b)fluoranthene	3B	125	25	100	1596.0048	ug/kg	1000	ug/kg	N	Y	0.626564532
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Benzo(b)fluoranthene	3B	125	25	100	1596.0048	ug/kg	500	ug/kg	N	Y	0.313282266
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Benzo(b)fluoranthene	3B	125	25	100	1600.4448	ug/kg	500	ug/kg	N	Y	0.312413149
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Benzo(b)fluoranthene	3B	113	22	91	1713.810619	ug/kg	2300	ug/kg	N	N	1.342038597
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Benzo(b)fluoranthene	3B	113	22	91	1713.810619	ug/kg	2300	ug/kg	N	N	1.342038597
BIST005	UB054F0505	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	34	5	29	629.0852941	ug/kg	25	ug/kg	N	Y	0.039740239
BIST005	UB054F0506	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	34	5	29	629.0852941	ug/kg	25	ug/kg	N	Y	0.039740239
BIST005	UB054F0507	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	34	5	29	629.0852941	ug/kg	25	ug/kg	N	Y	0.039740239
BIST005	UB054F0508	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	34	5	29	629.0852941	ug/kg	25	ug/kg	N	Y	0.039740239
BIST005	UB054F0511	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	34	5	29	629.0852941	ug/kg	25	ug/kg	N	Y	0.039740239
BIST006	MB014F0603	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	32	4	28	686.396875	ug/kg	25	ug/kg	N	Y	0.036422077
BIST006	MB014F0604	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	32	4	28	686.396875	ug/kg	25	ug/kg	N	Y	0.036422077
BIST006	MB014F0608	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	32	4	28	686.396875	ug/kg	25	ug/kg	N	Y	0.036422077
BIST006	MB014F0612	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	32	4	28	686.396875	ug/kg	25	ug/kg	N	Y	0.036422077

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0615	Sand seatrout	Whole Body	Benzo(g,h,i)perylene	3B	32	4	28	686.396875	ug/kg	25	ug/kg	N	Y	0.036422077
BIST006	MB014F0630	Sand seatrout	Whole Body	Benzo(g,h,i)perylene	3B	32	4	28	686.396875	ug/kg	25	ug/kg	N	Y	0.036422077
BIST015	LB034F1504	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB034F1505	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	3B	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST015	LB034F1506	Atlantic croaker	Whole Body	Benzo(g,h,i)perylene	3B	127	16	111	1532.192913	ug/kg	25	ug/kg	N	Y	0.016316483
BIST021	LB094F2107	Atlantic croaker	Whole Body	Benzo(g,h,i)perylene	3B	66	5	61	632.1348485	ug/kg	25	ug/kg	N	Y	0.039548524
BIST021	LB094F2134	Pinfish	Whole Body	Benzo(g,h,i)perylene	3B	66	5	61	632.1348485	ug/kg	25	ug/kg	N	Y	0.039548524
BIST021	LB094F2141	Pinfish	Whole Body	Benzo(g,h,i)perylene	3B	66	5	61	632.1348485	ug/kg	25	ug/kg	N	Y	0.039548524
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Benzo(g,h,i)perylene	3B	78	7	71	576.0461538	ug/kg	2300	ug/kg	N	N	3.992735625
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Benzo(g,h,i)perylene	3B	80	7	73	590.52	ug/kg	2300	ug/kg	N	N	3.894872316
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Benzo(g,h,i)perylene	3B	121	16	105	1574.078512	ug/kg	1000	ug/kg	N	Y	0.635292326
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Benzo(g,h,i)perylene	3B	121	16	105	1574.078512	ug/kg	1000	ug/kg	N	Y	0.635292326
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Benzo(g,h,i)perylene	3B	121	16	105	1574.078512	ug/kg	500	ug/kg	N	Y	0.317646163
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Benzo(g,h,i)perylene	3B	121	16	105	1578.665289	ug/kg	500	ug/kg	N	Y	0.316723249
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Benzo(g,h,i)perylene	3B	109	14	95	1691.509174	ug/kg	2300	ug/kg	N	N	1.359732501
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Benzo(g,h,i)perylene	3B	109	14	95	1691.509174	ug/kg	2300	ug/kg	N	N	1.359732501
BIST005	UB054F0505	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	34	5	29	630.9882353	ug/kg	25	ug/kg	N	Y	0.03962039
BIST005	UB054F0506	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	34	5	29	630.9882353	ug/kg	25	ug/kg	N	Y	0.03962039
BIST005	UB054F0507	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	34	5	29	630.9882353	ug/kg	25	ug/kg	N	Y	0.03962039
BIST005	UB054F0508	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	34	5	29	630.9882353	ug/kg	25	ug/kg	N	Y	0.03962039
BIST005	UB054F0511	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	34	5	29	630.9882353	ug/kg	25	ug/kg	N	Y	0.03962039
BIST006	MB014F0603	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	32	4	28	689.1625	ug/kg	25	ug/kg	N	Y	0.036275915
BIST006	MB014F0604	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	32	4	28	689.1625	ug/kg	25	ug/kg	N	Y	0.036275915
BIST006	MB014F0608	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	32	4	28	689.1625	ug/kg	25	ug/kg	N	Y	0.036275915
BIST006	MB014F0612	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	32	4	28	689.1625	ug/kg	25	ug/kg	N	Y	0.036275915
BIST006	MB014F0615	Sand seatrout	Whole Body	Benzo(k)fluoranthene	3B	32	4	28	689.1625	ug/kg	25	ug/kg	N	Y	0.036275915
BIST006	MB014F0630	Sand seatrout	Whole Body	Benzo(k)fluoranthene	3B	32	4	28	689.1625	ug/kg	25	ug/kg	N	Y	0.036275915
BIST015	LB034F1504	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB034F1505	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	3B	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST015	LB034F1506	Atlantic croaker	Whole Body	Benzo(k)fluoranthene	3B	125	14	111	1555.832	ug/kg	25	ug/kg	N	Y	0.016068573
BIST021	LB094F2107	Atlantic croaker	Whole Body	Benzo(k)fluoranthene	3B	66	6	60	624.7772727	ug/kg	25	ug/kg	N	Y	0.04001426
BIST021	LB094F2134	Pinfish	Whole Body	Benzo(k)fluoranthene	3B	66	6	60	624.7772727	ug/kg	25	ug/kg	N	Y	0.04001426
BIST021	LB094F2141	Pinfish	Whole Body	Benzo(k)fluoranthene	3B	66	6	60	624.7772727	ug/kg	25	ug/kg	N	Y	0.04001426
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Benzo(k)fluoranthene	3B	77	8	69	546.6064935	ug/kg	2300	ug/kg	N	N	4.207780236
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Benzo(k)fluoranthene	3B	79	8	71	562.0088608	ug/kg	2300	ug/kg	N	N	4.092462167
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Benzo(k)fluoranthene	3B	119	14	105	1599.613445	ug/kg	1000	ug/kg	N	Y	0.625151034
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Benzo(k)fluoranthene	3B	119	14	105	1599.613445	ug/kg	1000	ug/kg	N	Y	0.625151034
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Benzo(k)fluoranthene	3B	119	14	105	1599.613445	ug/kg	500	ug/kg	N	Y	0.312575517
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Benzo(k)fluoranthene	3B	119	14	105	1604.277311	ug/kg	500	ug/kg	N	Y	0.311666815
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Benzo(k)fluoranthene	3B	107	13	94	1720.401869	ug/kg	2300	ug/kg	N	N	1.336896943
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Benzo(k)fluoranthene	3B	107	13	94	1720.401869	ug/kg	2300	ug/kg	N	N	1.336896943
BIST005	UB054F0505	Spotted seatrout	Whole Body	beta-BHC	3B	31	2	29	2.940322581	ug/kg	25	ug/kg	Y	Y	8.502468459
BIST005	UB054F0506	Spotted seatrout	Whole Body	beta-BHC	3B	31	2	29	2.940322581	ug/kg	5	ug/kg	N	Y	1.700493692
BIST005	UB054F0507	Spotted seatrout	Whole Body	beta-BHC	3B	31	2	29	2.940322581	ug/kg	5	ug/kg	N	Y	1.700493692
BIST005	UB054F0508	Spotted seatrout	Whole Body	beta-BHC	3B	31	2	29	2.940322581	ug/kg	13	ug/kg	Y	Y	4.421283598
BIST005	UB054F0511	Spotted seatrout	Whole Body	beta-BHC	3B	31	2	29	2.940322581	ug/kg	5	ug/kg	N	Y	1.700493692
BIST006	MB014F0603	Spotted seatrout	Whole Body	beta-BHC	3B	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB014F0604	Spotted seatrout	Whole Body	beta-BHC	3B	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB014F0608	Spotted seatrout	Whole Body	beta-BHC	3B	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB014F0612	Spotted seatrout	Whole Body	beta-BHC	3B	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB014F0615	Sand seatrout	Whole Body	beta-BHC	3B	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST006	MB014F0630	Sand seatrout	Whole Body	beta-BHC	3B	31	5	26	3.574193548	ug/kg	5	ug/kg	N	Y	1.398916968
BIST015	LB034F1504	Spotted seatrout	Whole Body	beta-BHC	3B	88	41	47	52.47443182	ug/kg	18	ug/kg	Y	Y	0.3430242
BIST015	LB034F1505	Spotted seatrout	Whole Body	beta-BHC	3B	88	41	47	52.47443182	ug/kg	5	ug/kg	N	Y	0.0952845

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									Sediment Samples			Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB034F1506	Atlantic croaker	Whole Body	beta-BHC	3B	88	41	47	52.47443182	ug/kg	38	ug/kg	Y	Y	0.7241622
BIST021	LB094F2101	Spotted seatrout	Whole Body	beta-BHC	3B	42	20	22	39.7297619	ug/kg	5	ug/kg	N	Y	0.125850238
BIST021	LB094F2107	Atlantic croaker	Whole Body	beta-BHC	3B	42	20	22	39.7297619	ug/kg	22	ug/kg	Y	Y	0.553741048
BIST021	LB094F2134	Pinfish	Whole Body	beta-BHC	3B	42	20	22	39.7297619	ug/kg	48	ug/kg	Y	Y	1.208162287
BIST021	LB094F2141	Pinfish	Whole Body	beta-BHC	3B	42	20	22	39.7297619	ug/kg	60	ug/kg	Y	Y	1.510202859
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	beta-BHC	3B	71	39	32	50.9443662	ug/kg	16.1	ug/kg	N	N	0.31603102
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	beta-BHC	3B	76	41	35	51.78881579	ug/kg	0.9085	ug/kg	N	N	0.017542398
BIST005	UB054F0505	Spotted seatrout	Whole Body	Cadmium	3B	33	6	27	0.264424242	mg/kg	0.0015	mg/kg	N	Y	0.005672702
BIST005	UB054F0506	Spotted seatrout	Whole Body	Cadmium	3B	33	6	27	0.264424242	mg/kg	0.0015	mg/kg	N	Y	0.005672702
BIST005	UB054F0507	Spotted seatrout	Whole Body	Cadmium	3B	33	6	27	0.264424242	mg/kg	0.0015	mg/kg	N	Y	0.005672702
BIST005	UB054F0508	Spotted seatrout	Whole Body	Cadmium	3B	33	6	27	0.264424242	mg/kg	0.0015	mg/kg	N	Y	0.005672702
BIST005	UB054F0511	Spotted seatrout	Whole Body	Cadmium	3B	33	6	27	0.264424242	mg/kg	0.0015	mg/kg	N	Y	0.005672702
BIST006	MB014F0603	Spotted seatrout	Whole Body	Cadmium	3B	32	2	30	0.27940625	mg/kg	0.0015	mg/kg	N	Y	0.005368527
BIST006	MB014F0604	Spotted seatrout	Whole Body	Cadmium	3B	32	2	30	0.27940625	mg/kg	0.0015	mg/kg	N	Y	0.005368527
BIST006	MB014F0608	Spotted seatrout	Whole Body	Cadmium	3B	32	2	30	0.27940625	mg/kg	0.0015	mg/kg	N	Y	0.005368527
BIST006	MB014F0612	Spotted seatrout	Whole Body	Cadmium	3B	32	2	30	0.27940625	mg/kg	0.0015	mg/kg	N	Y	0.005368527
BIST006	MB014F0615	Sand seatrout	Whole Body	Cadmium	3B	32	2	30	0.27940625	mg/kg	0.0015	mg/kg	N	Y	0.005368527
BIST006	MB014F0630	Sand seatrout	Whole Body	Cadmium	3B	32	2	30	0.27940625	mg/kg	0.0015	mg/kg	N	Y	0.005368527
BIST015	LB034F1503	Spotted seatrout	Whole Body	Cadmium	3B	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB034F1504	Spotted seatrout	Whole Body	Cadmium	3B	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB034F1505	Spotted seatrout	Whole Body	Cadmium	3B	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST015	LB034F1506	Atlantic croaker	Whole Body	Cadmium	3B	129	24	105	0.37796124	mg/kg	0.0015	mg/kg	N	Y	0.003968661
BIST021	LB094F2101	Spotted seatrout	Whole Body	Cadmium	3B	68	13	55	0.358117647	mg/kg	0.0015	mg/kg	N	Y	0.004188568
BIST021	LB094F2107	Atlantic croaker	Whole Body	Cadmium	3B	68	13	55	0.358117647	mg/kg	0.0015	mg/kg	N	Y	0.004188568
BIST021	LB094F2134	Pinfish	Whole Body	Cadmium	3B	68	13	55	0.358117647	mg/kg	0.0015	mg/kg	N	Y	0.004188568
BIST021	LB094F2141	Pinfish	Whole Body	Cadmium	3B	68	13	55	0.358117647	mg/kg	0.0015	mg/kg	N	Y	0.004188568
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Cadmium	3B	80	12	68	0.5548125	mg/kg	0.575	mg/kg	N	N	1.036386166
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Cadmium	3B	81	12	69	0.548641975	mg/kg	0.575	mg/kg	N	N	1.048042304
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Cadmium	3B	120	20	100	0.362291667	mg/kg	0.25	mg/kg	N	Y	0.690051754
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Cadmium	3B	120	20	100	0.362291667	mg/kg	0.25	mg/kg	N	Y	0.690051754
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Cadmium	3B	120	20	100	0.362291667	mg/kg	0.25	mg/kg	N	Y	0.690051754
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Cadmium	3B	121	21	100	0.361809917	mg/kg	0.25	mg/kg	N	Y	0.690970557
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Cadmium	3B	111	23	88	0.334882883	mg/kg	0.575	mg/kg	N	N	1.717018186
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Cadmium	3B	111	23	88	0.334882883	mg/kg	0.575	mg/kg	N	N	1.717018186
BIST005	UB054F0505	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	95.83666667	mg/kg	0.18	mg/kg	Y	Y	0.001878196
BIST005	UB054F0506	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	95.83666667	mg/kg	0.32	mg/kg	Y	Y	0.003339014
BIST005	UB054F0507	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	95.83666667	mg/kg	0.36	mg/kg	Y	Y	0.003756391
BIST005	UB054F0508	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	95.83666667	mg/kg	0.29	mg/kg	Y	Y	0.003025982
BIST005	UB054F0511	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	95.83666667	mg/kg	0.26	mg/kg	Y	Y	0.002712949
BIST006	MB014F0603	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	112.0066667	mg/kg	0.22	mg/kg	Y	Y	0.001964169
BIST006	MB014F0604	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	112.0066667	mg/kg	0.23	mg/kg	Y	Y	0.002053449
BIST006	MB014F0608	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	112.0066667	mg/kg	0.25	mg/kg	Y	Y	0.00223201
BIST006	MB014F0612	Spotted seatrout	Whole Body	Chromium	3B	30	30	0	112.0066667	mg/kg	0.24	mg/kg	Y	Y	0.00214273
BIST006	MB014F0615	Sand seatrout	Whole Body	Chromium	3B	30	30	0	112.0066667	mg/kg	0.26	mg/kg	Y	Y	0.00232129
BIST006	MB014F0630	Sand seatrout	Whole Body	Chromium	3B	30	30	0	112.0066667	mg/kg	0.22	mg/kg	Y	Y	0.001964169
BIST015	LB034F1503	Spotted seatrout	Whole Body	Chromium	3B	111	111	0	53.42162162	mg/kg	0.2	mg/kg	Y	Y	0.003743802
BIST015	LB034F1504	Spotted seatrout	Whole Body	Chromium	3B	111	111	0	53.42162162	mg/kg	0.19	mg/kg	Y	Y	0.003556612
BIST015	LB034F1505	Spotted seatrout	Whole Body	Chromium	3B	111	111	0	53.42162162	mg/kg	0.2	mg/kg	Y	Y	0.003743802
BIST015	LB034F1506	Atlantic croaker	Whole Body	Chromium	3B	111	111	0	53.42162162	mg/kg	0.31	mg/kg	Y	Y	0.005802894
BIST021	LB094F2101	Spotted seatrout	Whole Body	Chromium	3B	62	62	0	39.83709677	mg/kg	0.33	mg/kg	Y	Y	0.008283736
BIST021	LB094F2107	Atlantic croaker	Whole Body	Chromium	3B	62	62	0	39.83709677	mg/kg	0.3	mg/kg	Y	Y	0.007530669
BIST021	LB094F2134	Pinfish	Whole Body	Chromium	3B	62	62	0	39.83709677	mg/kg	0.36	mg/kg	Y	Y	0.009036803
BIST021	LB094F2141	Pinfish	Whole Body	Chromium	3B	62	62	0	39.83709677	mg/kg	0.27	mg/kg	Y	Y	0.006777602
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Chromium	3B	69	69	0	114.5536232	mg/kg	1.15	mg/kg	N	N	0.010038967

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Chromium	3B	71	71	0	102.771831	mg/kg	1.15	mg/kg	N	N	0.011189837
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Chromium	3B	104	104	0	59.51057692	mg/kg	0.5	mg/kg	N	Y	0.008401868
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Chromium	3B	104	104	0	59.51057692	mg/kg	0.46	mg/kg	Y	Y	0.007729718
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Chromium	3B	104	104	0	59.51057692	mg/kg	0.5	mg/kg	N	Y	0.008401868
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Chromium	3B	104	104	0	58.82403846	mg/kg	0.78	mg/kg	Y	Y	0.013259885
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Chromium	3B	94	94	0	51.93404255	mg/kg	1.15	mg/kg	N	N	0.022143472
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Chromium	3B	94	94	0	51.93404255	mg/kg	1.15	mg/kg	N	N	0.022143472
BIST005	UB054F0505	Spotted seatrout	Whole Body	Chrysene	3B	34	7	27	614.9617647	ug/kg	25	ug/kg	N	Y	0.040652934
BIST005	UB054F0506	Spotted seatrout	Whole Body	Chrysene	3B	34	7	27	614.9617647	ug/kg	25	ug/kg	N	Y	0.040652934
BIST005	UB054F0507	Spotted seatrout	Whole Body	Chrysene	3B	34	7	27	614.9617647	ug/kg	25	ug/kg	N	Y	0.040652934
BIST005	UB054F0508	Spotted seatrout	Whole Body	Chrysene	3B	34	7	27	614.9617647	ug/kg	25	ug/kg	N	Y	0.040652934
BIST005	UB054F0511	Spotted seatrout	Whole Body	Chrysene	3B	34	7	27	614.9617647	ug/kg	25	ug/kg	N	Y	0.040652934
BIST006	MB014F0603	Spotted seatrout	Whole Body	Chrysene	3B	32	5	27	673.559375	ug/kg	25	ug/kg	N	Y	0.037116253
BIST006	MB014F0604	Spotted seatrout	Whole Body	Chrysene	3B	32	5	27	673.559375	ug/kg	25	ug/kg	N	Y	0.037116253
BIST006	MB014F0608	Spotted seatrout	Whole Body	Chrysene	3B	32	5	27	673.559375	ug/kg	25	ug/kg	N	Y	0.037116253
BIST006	MB014F0612	Spotted seatrout	Whole Body	Chrysene	3B	32	5	27	673.559375	ug/kg	25	ug/kg	N	Y	0.037116253
BIST006	MB014F0615	Sand seatrout	Whole Body	Chrysene	3B	32	5	27	673.559375	ug/kg	25	ug/kg	N	Y	0.037116253
BIST006	MB014F0630	Sand seatrout	Whole Body	Chrysene	3B	32	5	27	673.559375	ug/kg	25	ug/kg	N	Y	0.037116253
BIST015	LB034F1504	Spotted seatrout	Whole Body	Chrysene	3B	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB034F1505	Spotted seatrout	Whole Body	Chrysene	3B	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST015	LB034F1506	Atlantic croaker	Whole Body	Chrysene	3B	133	37	96	1543.412782	ug/kg	25	ug/kg	N	Y	0.01619787
BIST021	LB094F2107	Atlantic croaker	Whole Body	Chrysene	3B	69	13	56	638.7391304	ug/kg	25	ug/kg	N	Y	0.039139609
BIST021	LB094F2134	Pinfish	Whole Body	Chrysene	3B	69	13	56	638.7391304	ug/kg	25	ug/kg	N	Y	0.039139609
BIST021	LB094F2141	Pinfish	Whole Body	Chrysene	3B	69	13	56	638.7391304	ug/kg	25	ug/kg	N	Y	0.039139609
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Chrysene	3B	82	17	65	568.254878	ug/kg	2300	ug/kg	N	N	4.047479553
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Chrysene	3B	84	17	67	582.225	ug/kg	2300	ug/kg	N	N	3.950362832
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Chrysene	3B	127	36	91	1585.385039	ug/kg	1000	ug/kg	N	Y	0.630761597
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Chrysene	3B	127	36	91	1585.385039	ug/kg	1000	ug/kg	N	Y	0.630761597
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Chrysene	3B	127	36	91	1585.385039	ug/kg	500	ug/kg	N	Y	0.315380799
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Chrysene	3B	127	36	91	1589.755118	ug/kg	500	ug/kg	N	Y	0.314513848
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Chrysene	3B	115	31	84	1701.946957	ug/kg	2300	ug/kg	N	N	1.351393468
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Chrysene	3B	115	31	84	1701.946957	ug/kg	2300	ug/kg	N	N	1.351393468
BIST005	UB054F0505	Spotted seatrout	Whole Body	Copper	3B	33	33	0	40.75363636	mg/kg	0.44	mg/kg	Y	Y	0.010796583
BIST005	UB054F0506	Spotted seatrout	Whole Body	Copper	3B	33	33	0	40.75363636	mg/kg	0.66	mg/kg	Y	Y	0.016194874
BIST005	UB054F0507	Spotted seatrout	Whole Body	Copper	3B	33	33	0	40.75363636	mg/kg	0.44	mg/kg	Y	Y	0.010796583
BIST005	UB054F0508	Spotted seatrout	Whole Body	Copper	3B	33	33	0	40.75363636	mg/kg	0.54	mg/kg	Y	Y	0.013250351
BIST005	UB054F0511	Spotted seatrout	Whole Body	Copper	3B	33	33	0	40.75363636	mg/kg	0.56	mg/kg	Y	Y	0.013741105
BIST006	MB014F0603	Spotted seatrout	Whole Body	Copper	3B	32	31	1	49.069375	mg/kg	1.3	mg/kg	Y	Y	0.026493103
BIST006	MB014F0604	Spotted seatrout	Whole Body	Copper	3B	32	31	1	49.069375	mg/kg	0.5	mg/kg	Y	Y	0.010189655
BIST006	MB014F0608	Spotted seatrout	Whole Body	Copper	3B	32	31	1	49.069375	mg/kg	0.82	mg/kg	Y	Y	0.016711034
BIST006	MB014F0612	Spotted seatrout	Whole Body	Copper	3B	32	31	1	49.069375	mg/kg	0.7	mg/kg	Y	Y	0.014265517
BIST006	MB014F0615	Sand seatrout	Whole Body	Copper	3B	32	31	1	49.069375	mg/kg	0.72	mg/kg	Y	Y	0.014673103
BIST006	MB014F0630	Sand seatrout	Whole Body	Copper	3B	32	31	1	49.069375	mg/kg	1.1	mg/kg	Y	Y	0.022417241
BIST015	LB034F1503	Spotted seatrout	Whole Body	Copper	3B	132	132	0	130.744697	mg/kg	0.94	mg/kg	Y	Y	0.007189584
BIST015	LB034F1504	Spotted seatrout	Whole Body	Copper	3B	132	132	0	130.744697	mg/kg	1.2	mg/kg	Y	Y	0.009178193
BIST015	LB034F1505	Spotted seatrout	Whole Body	Copper	3B	132	132	0	130.744697	mg/kg	1.6	mg/kg	Y	Y	0.01223759
BIST015	LB034F1506	Atlantic croaker	Whole Body	Copper	3B	132	132	0	130.744697	mg/kg	1.3	mg/kg	Y	Y	0.009943042
BIST021	LB094F2101	Spotted seatrout	Whole Body	Copper	3B	69	69	0	76.01449275	mg/kg	0.68	mg/kg	Y	Y	0.008945663
BIST021	LB094F2107	Atlantic croaker	Whole Body	Copper	3B	69	69	0	76.01449275	mg/kg	0.94	mg/kg	Y	Y	0.012366063
BIST021	LB094F2134	Pinfish	Whole Body	Copper	3B	69	69	0	76.01449275	mg/kg	0.64	mg/kg	Y	Y	0.008419447
BIST021	LB094F2141	Pinfish	Whole Body	Copper	3B	69	69	0	76.01449275	mg/kg	0.84	mg/kg	Y	Y	0.011050524
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Copper	3B	81	80	1	138.7364198	mg/kg	1.955	mg/kg	Y	N	0.014091469
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Copper	3B	83	82	1	135.4475904	mg/kg	3.22	mg/kg	Y	N	0.023773033
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Copper	3B	123	122	1	136.048374	mg/kg	0.255	mg/kg	N	Y	0.001874333

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Copper	3B	123	122	1	136.048374	mg/kg	0.445	mg/kg	N	Y	0.003270895
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Copper	3B	123	122	1	136.048374	mg/kg	0.71	mg/kg	Y	Y	0.005218732
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Copper	3B	124	123	1	133.5471774	mg/kg	1	mg/kg	Y	Y	0.007487991
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Copper	3B	114	114	0	121.504386	mg/kg	0.437	mg/kg	N	N	0.003596578
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Copper	3B	114	114	0	121.504386	mg/kg	2.99	mg/kg	Y	N	0.024608165
BIST005	UB054F0505	Spotted seatrout	Whole Body	delta-BHC	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0506	Spotted seatrout	Whole Body	delta-BHC	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0507	Spotted seatrout	Whole Body	delta-BHC	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0508	Spotted seatrout	Whole Body	delta-BHC	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0511	Spotted seatrout	Whole Body	delta-BHC	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0603	Spotted seatrout	Whole Body	delta-BHC	3B	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB014F0604	Spotted seatrout	Whole Body	delta-BHC	3B	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB014F0608	Spotted seatrout	Whole Body	delta-BHC	3B	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB014F0612	Spotted seatrout	Whole Body	delta-BHC	3B	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB014F0615	Sand seatrout	Whole Body	delta-BHC	3B	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST006	MB014F0630	Sand seatrout	Whole Body	delta-BHC	3B	31	1	30	2.520967742	ug/kg	5	ug/kg	N	Y	1.983365323
BIST015	LB034F1504	Spotted seatrout	Whole Body	delta-BHC	3B	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB034F1505	Spotted seatrout	Whole Body	delta-BHC	3B	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST015	LB034F1506	Atlantic croaker	Whole Body	delta-BHC	3B	88	27	61	10.82159091	ug/kg	5	ug/kg	N	Y	0.462039273
BIST021	LB094F2101	Spotted seatrout	Whole Body	delta-BHC	3B	42	13	29	9.926666667	ug/kg	5	ug/kg	N	Y	0.503693754
BIST021	LB094F2107	Atlantic croaker	Whole Body	delta-BHC	3B	42	13	29	9.926666667	ug/kg	5	ug/kg	N	Y	0.503693754
BIST021	LB094F2134	Pinfish	Whole Body	delta-BHC	3B	42	13	29	9.926666667	ug/kg	5	ug/kg	N	Y	0.503693754
BIST021	LB094F2141	Pinfish	Whole Body	delta-BHC	3B	42	13	29	9.926666667	ug/kg	5	ug/kg	N	Y	0.503693754
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	delta-BHC	3B	71	22	49	7.849577465	ug/kg	16.1	ug/kg	N	N	2.051065815
BIST005	UB054F0505	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	33	2	31	658.2090909	ug/kg	25	ug/kg	N	Y	0.037981852
BIST005	UB054F0506	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	33	2	31	658.2090909	ug/kg	25	ug/kg	N	Y	0.037981852
BIST005	UB054F0507	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	33	2	31	658.2090909	ug/kg	25	ug/kg	N	Y	0.037981852
BIST005	UB054F0508	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	33	2	31	658.2090909	ug/kg	25	ug/kg	N	Y	0.037981852
BIST005	UB054F0511	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	33	2	31	658.2090909	ug/kg	25	ug/kg	N	Y	0.037981852
BIST006	MB014F0603	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	31	1	30	720.1	ug/kg	25	ug/kg	N	Y	0.0347174
BIST006	MB014F0604	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	31	1	30	720.1	ug/kg	25	ug/kg	N	Y	0.0347174
BIST006	MB014F0608	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	31	1	30	720.1	ug/kg	25	ug/kg	N	Y	0.0347174
BIST006	MB014F0612	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	31	1	30	720.1	ug/kg	25	ug/kg	N	Y	0.0347174
BIST006	MB014F0615	Sand seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	31	1	30	720.1	ug/kg	25	ug/kg	N	Y	0.0347174
BIST006	MB014F0630	Sand seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	31	1	30	720.1	ug/kg	25	ug/kg	N	Y	0.0347174
BIST015	LB034F1504	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB034F1505	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	3B	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST015	LB034F1506	Atlantic croaker	Whole Body	Dibenzo(a,h)anthracene	3B	124	9	115	1555.406452	ug/kg	25	ug/kg	N	Y	0.016072969
BIST021	LB094F2107	Atlantic croaker	Whole Body	Dibenzo(a,h)anthracene	3B	65	1	64	636.2446154	ug/kg	25	ug/kg	N	Y	0.039293063
BIST021	LB094F2134	Pinfish	Whole Body	Dibenzo(a,h)anthracene	3B	65	1	64	636.2446154	ug/kg	25	ug/kg	N	Y	0.039293063
BIST021	LB094F2141	Pinfish	Whole Body	Dibenzo(a,h)anthracene	3B	65	1	64	636.2446154	ug/kg	25	ug/kg	N	Y	0.039293063
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Dibenzo(a,h)anthracene	3B	76	5	71	564.8618421	ug/kg	2300	ug/kg	N	N	4.071792124
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Dibenzo(a,h)anthracene	3B	78	5	73	579.9935897	ug/kg	2300	ug/kg	N	N	3.965561069
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Dibenzo(a,h)anthracene	3B	118	9	109	1599.537288	ug/kg	1000	ug/kg	N	Y	0.625180799
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Dibenzo(a,h)anthracene	3B	118	9	109	1599.537288	ug/kg	1000	ug/kg	N	Y	0.625180799
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Dibenzo(a,h)anthracene	3B	118	9	109	1599.537288	ug/kg	500	ug/kg	N	Y	0.3125904
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Dibenzo(a,h)anthracene	3B	118	9	109	1604.240678	ug/kg	500	ug/kg	N	Y	0.311673932
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Dibenzo(a,h)anthracene	3B	106	8	98	1721.836792	ug/kg	2300	ug/kg	N	N	1.335782816
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Dibenzo(a,h)anthracene	3B	106	8	98	1721.836792	ug/kg	2300	ug/kg	N	N	1.335782816
BIST005	UB054F0505	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0506	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0507	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0508	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0511	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0603	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0604	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0608	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0612	Spotted seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0615	Sand seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0630	Sand seatrout	Whole Body	Endosulfan I	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB034F1504	Spotted seatrout	Whole Body	Endosulfan I	3B	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB034F1505	Spotted seatrout	Whole Body	Endosulfan I	3B	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST015	LB034F1506	Atlantic croaker	Whole Body	Endosulfan I	3B	88	7	81	14.48977273	ug/kg	5	ug/kg	N	Y	0.345070975
BIST021	LB094F2101	Spotted seatrout	Whole Body	Endosulfan I	3B	42	3	39	8.861190476	ug/kg	5	ug/kg	N	Y	0.564258269
BIST021	LB094F2107	Atlantic croaker	Whole Body	Endosulfan I	3B	42	3	39	8.861190476	ug/kg	5	ug/kg	N	Y	0.564258269
BIST021	LB094F2134	Pinfish	Whole Body	Endosulfan I	3B	42	3	39	8.861190476	ug/kg	5	ug/kg	N	Y	0.564258269
BIST021	LB094F2141	Pinfish	Whole Body	Endosulfan I	3B	42	3	39	8.861190476	ug/kg	5	ug/kg	N	Y	0.564258269
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Endosulfan I	3B	70	3	67	12.85871429	ug/kg	6.9	ug/kg	N	N	0.536601082
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Endosulfan I	3B	71	4	67	13.1915493	ug/kg	16.1	ug/kg	N	N	1.220478326
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Endosulfan I	3B	86	7	79	14.0877907	ug/kg	3	ug/kg	N	Y	0.212950353
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Endosulfan I	3B	86	7	79	14.0877907	ug/kg	3	ug/kg	N	Y	0.212950353
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Endosulfan I	3B	86	7	79	14.0877907	ug/kg	3	ug/kg	N	Y	0.212950353
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Endosulfan I	3B	86	7	79	14.41046512	ug/kg	3	ug/kg	N	Y	0.208182038
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Endosulfan I	3B	76	7	69	16.01644737	ug/kg	6.9	ug/kg	N	N	0.430807147
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Endosulfan I	3B	76	7	69	16.01644737	ug/kg	6.9	ug/kg	N	N	0.430807147
BIST005	UB054F0505	Spotted seatrout	Whole Body	Endosulfan II	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0506	Spotted seatrout	Whole Body	Endosulfan II	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0507	Spotted seatrout	Whole Body	Endosulfan II	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0508	Spotted seatrout	Whole Body	Endosulfan II	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0511	Spotted seatrout	Whole Body	Endosulfan II	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0603	Spotted seatrout	Whole Body	Endosulfan II	3B	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB014F0604	Spotted seatrout	Whole Body	Endosulfan II	3B	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB014F0608	Spotted seatrout	Whole Body	Endosulfan II	3B	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB014F0612	Spotted seatrout	Whole Body	Endosulfan II	3B	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB014F0615	Sand seatrout	Whole Body	Endosulfan II	3B	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST006	MB014F0630	Sand seatrout	Whole Body	Endosulfan II	3B	31	1	30	4.367741935	ug/kg	5	ug/kg	N	Y	1.144756278
BIST015	LB034F1504	Spotted seatrout	Whole Body	Endosulfan II	3B	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB034F1505	Spotted seatrout	Whole Body	Endosulfan II	3B	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST015	LB034F1506	Atlantic croaker	Whole Body	Endosulfan II	3B	88	9	79	15.93579545	ug/kg	5	ug/kg	N	Y	0.313759047
BIST021	LB094F2101	Spotted seatrout	Whole Body	Endosulfan II	3B	42	6	36	15.66190476	ug/kg	5	ug/kg	N	Y	0.319245971
BIST021	LB094F2107	Atlantic croaker	Whole Body	Endosulfan II	3B	42	6	36	15.66190476	ug/kg	5	ug/kg	N	Y	0.319245971
BIST021	LB094F2134	Pinfish	Whole Body	Endosulfan II	3B	42	6	36	15.66190476	ug/kg	5	ug/kg	N	Y	0.319245971
BIST021	LB094F2141	Pinfish	Whole Body	Endosulfan II	3B	42	6	36	15.66190476	ug/kg	5	ug/kg	N	Y	0.319245971
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Endosulfan II	3B	70	6	64	9.975	ug/kg	6.9	ug/kg	N	N	0.691729323
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Endosulfan II	3B	71	6	65	10.36126761	ug/kg	9.89	ug/kg	Y	N	0.954516414
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Endosulfan II	3B	86	11	75	15.43953488	ug/kg	3	ug/kg	N	Y	0.194306371
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Endosulfan II	3B	86	11	75	15.43953488	ug/kg	3	ug/kg	N	Y	0.194306371
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Endosulfan II	3B	86	11	75	15.43953488	ug/kg	3	ug/kg	N	Y	0.194306371
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Endosulfan II	3B	86	11	75	15.725	ug/kg	3	ug/kg	N	Y	0.190779014
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Endosulfan II	3B	76	9	67	17.15065789	ug/kg	6.9	ug/kg	N	N	0.402316928
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Endosulfan II	3B	76	9	67	17.15065789	ug/kg	4.6	ug/kg	Y	N	0.268211285
BIST005	UB054F0505	Spotted seatrout	Whole Body	Endrin	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0506	Spotted seatrout	Whole Body	Endrin	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0507	Spotted seatrout	Whole Body	Endrin	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0508	Spotted seatrout	Whole Body	Endrin	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST005	UB054F0511	Spotted seatrout	Whole Body	Endrin	3B	31	0	31	4.308064516	ug/kg	5	ug/kg	N	Y	1.160614002
BIST006	MB014F0603	Spotted seatrout	Whole Body	Endrin	3B	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB014F0604	Spotted seatrout	Whole Body	Endrin	3B	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0608	Spotted seatrout	Whole Body	Endrin	3B	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB014F0612	Spotted seatrout	Whole Body	Endrin	3B	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB014F0615	Sand seatrout	Whole Body	Endrin	3B	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST006	MB014F0630	Sand seatrout	Whole Body	Endrin	3B	31	1	30	4.525806452	ug/kg	5	ug/kg	N	Y	1.104775481
BIST015	LB034F1504	Spotted seatrout	Whole Body	Endrin	3B	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB034F1505	Spotted seatrout	Whole Body	Endrin	3B	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST015	LB034F1506	Atlantic croaker	Whole Body	Endrin	3B	88	16	72	18.16568182	ug/kg	5	ug/kg	N	Y	0.275244279
BIST021	LB094F2101	Spotted seatrout	Whole Body	Endrin	3B	42	7	35	11.47738095	ug/kg	5	ug/kg	N	Y	0.435639456
BIST021	LB094F2107	Atlantic croaker	Whole Body	Endrin	3B	42	7	35	11.47738095	ug/kg	5	ug/kg	N	Y	0.435639456
BIST021	LB094F2134	Pinfish	Whole Body	Endrin	3B	42	7	35	11.47738095	ug/kg	5	ug/kg	N	Y	0.435639456
BIST021	LB094F2141	Pinfish	Whole Body	Endrin	3B	42	7	35	11.47738095	ug/kg	5	ug/kg	N	Y	0.435639456
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Endrin	3B	70	15	55	14.74328571	ug/kg	6.9	ug/kg	N	N	0.468009651
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Endrin	3B	71	16	55	15.01028169	ug/kg	5.52	ug/kg	Y	N	0.367747929
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Endrin	3B	86	18	68	17.82360465	ug/kg	3	ug/kg	N	Y	0.168316121
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Endrin	3B	86	18	68	17.82360465	ug/kg	3	ug/kg	N	Y	0.168316121
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Endrin	3B	86	18	68	17.82360465	ug/kg	3	ug/kg	N	Y	0.168316121
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Endrin	3B	86	18	68	18.10906977	ug/kg	3	ug/kg	N	Y	0.165662844
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Endrin	3B	76	15	61	20.00631579	ug/kg	6.9	ug/kg	N	N	0.344891087
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Endrin	3B	76	15	61	20.00631579	ug/kg	6.9	ug/kg	N	N	0.344891087
BIST005	UB054F0505	Spotted seatrout	Whole Body	Fluoranthene	3B	34	9	25	653.4735294	ug/kg	25	ug/kg	N	Y	0.038257097
BIST005	UB054F0506	Spotted seatrout	Whole Body	Fluoranthene	3B	34	9	25	653.4735294	ug/kg	25	ug/kg	N	Y	0.038257097
BIST005	UB054F0507	Spotted seatrout	Whole Body	Fluoranthene	3B	34	9	25	653.4735294	ug/kg	25	ug/kg	N	Y	0.038257097
BIST005	UB054F0508	Spotted seatrout	Whole Body	Fluoranthene	3B	34	9	25	653.4735294	ug/kg	25	ug/kg	N	Y	0.038257097
BIST005	UB054F0511	Spotted seatrout	Whole Body	Fluoranthene	3B	34	9	25	653.4735294	ug/kg	25	ug/kg	N	Y	0.038257097
BIST006	MB014F0603	Spotted seatrout	Whole Body	Fluoranthene	3B	32	6	26	712.5625	ug/kg	25	ug/kg	N	Y	0.035084642
BIST006	MB014F0604	Spotted seatrout	Whole Body	Fluoranthene	3B	32	6	26	712.5625	ug/kg	25	ug/kg	N	Y	0.035084642
BIST006	MB014F0608	Spotted seatrout	Whole Body	Fluoranthene	3B	32	6	26	712.5625	ug/kg	25	ug/kg	N	Y	0.035084642
BIST006	MB014F0612	Spotted seatrout	Whole Body	Fluoranthene	3B	32	6	26	712.5625	ug/kg	25	ug/kg	N	Y	0.035084642
BIST006	MB014F0615	Sand seatrout	Whole Body	Fluoranthene	3B	32	6	26	712.5625	ug/kg	25	ug/kg	N	Y	0.035084642
BIST006	MB014F0630	Sand seatrout	Whole Body	Fluoranthene	3B	32	6	26	712.5625	ug/kg	25	ug/kg	N	Y	0.035084642
BIST015	LB034F1504	Spotted seatrout	Whole Body	Fluoranthene	3B	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB034F1505	Spotted seatrout	Whole Body	Fluoranthene	3B	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST015	LB034F1506	Atlantic croaker	Whole Body	Fluoranthene	3B	132	28	104	1623.686364	ug/kg	25	ug/kg	N	Y	0.015397062
BIST021	LB094F2107	Atlantic croaker	Whole Body	Fluoranthene	3B	68	13	55	674.2352941	ug/kg	25	ug/kg	N	Y	0.037079044
BIST021	LB094F2134	Pinfish	Whole Body	Fluoranthene	3B	68	13	55	674.2352941	ug/kg	25	ug/kg	N	Y	0.037079044
BIST021	LB094F2141	Pinfish	Whole Body	Fluoranthene	3B	68	13	55	674.2352941	ug/kg	25	ug/kg	N	Y	0.037079044
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Fluoranthene	3B	82	15	67	536.0073171	ug/kg	2300	ug/kg	N	N	4.290986199
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Fluoranthene	3B	84	15	69	550.7452381	ug/kg	2300	ug/kg	N	N	4.176159576
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Fluoranthene	3B	126	28	98	1669.496825	ug/kg	1000	ug/kg	N	Y	0.59898287
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Fluoranthene	3B	126	28	98	1669.496825	ug/kg	1000	ug/kg	N	Y	0.59898287
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Fluoranthene	3B	126	28	98	1669.496825	ug/kg	500	ug/kg	N	Y	0.299491435
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Fluoranthene	3B	126	28	98	1673.901587	ug/kg	500	ug/kg	N	Y	0.298703343
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Fluoranthene	3B	114	26	88	1790.426316	ug/kg	2300	ug/kg	N	N	1.284610252
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Fluoranthene	3B	114	26	88	1790.426316	ug/kg	2300	ug/kg	N	N	1.284610252
BIST005	UB054F0505	Spotted seatrout	Whole Body	Fluorene	3B	33	3	30	651.2606061	ug/kg	25	ug/kg	N	Y	0.038387091
BIST005	UB054F0506	Spotted seatrout	Whole Body	Fluorene	3B	33	3	30	651.2606061	ug/kg	25	ug/kg	N	Y	0.038387091
BIST005	UB054F0507	Spotted seatrout	Whole Body	Fluorene	3B	33	3	30	651.2606061	ug/kg	25	ug/kg	N	Y	0.038387091
BIST005	UB054F0508	Spotted seatrout	Whole Body	Fluorene	3B	33	3	30	651.2606061	ug/kg	25	ug/kg	N	Y	0.038387091
BIST005	UB054F0511	Spotted seatrout	Whole Body	Fluorene	3B	33	3	30	651.2606061	ug/kg	25	ug/kg	N	Y	0.038387091
BIST006	MB014F0603	Spotted seatrout	Whole Body	Fluorene	3B	31	2	29	712.9290323	ug/kg	25	ug/kg	N	Y	0.035066604
BIST006	MB014F0604	Spotted seatrout	Whole Body	Fluorene	3B	31	2	29	712.9290323	ug/kg	25	ug/kg	N	Y	0.035066604
BIST006	MB014F0608	Spotted seatrout	Whole Body	Fluorene	3B	31	2	29	712.9290323	ug/kg	25	ug/kg	N	Y	0.035066604
BIST006	MB014F0612	Spotted seatrout	Whole Body	Fluorene	3B	31	2	29	712.9290323	ug/kg	25	ug/kg	N	Y	0.035066604
BIST006	MB014F0615	Sand seatrout	Whole Body	Fluorene	3B	31	2	29	712.9290323	ug/kg	25	ug/kg	N	Y	0.035066604

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0630	Sand seatrout	Whole Body	Fluorene	3B	31	2	29	712.9290323	ug/kg	25	ug/kg	N	Y	0.035066604
BIST015	LB034F1504	Spotted seatrout	Whole Body	Fluorene	3B	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB034F1505	Spotted seatrout	Whole Body	Fluorene	3B	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST015	LB034F1506	Atlantic croaker	Whole Body	Fluorene	3B	119	6	113	1687.677311	ug/kg	25	ug/kg	N	Y	0.014813258
BIST021	LB094F2107	Atlantic croaker	Whole Body	Fluorene	3B	64	1	63	647.3515625	ug/kg	25	ug/kg	N	Y	0.038618892
BIST021	LB094F2134	Pinfish	Whole Body	Fluorene	3B	64	1	63	647.3515625	ug/kg	25	ug/kg	N	Y	0.038618892
BIST021	LB094F2141	Pinfish	Whole Body	Fluorene	3B	64	1	63	647.3515625	ug/kg	25	ug/kg	N	Y	0.038618892
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Fluorene	3B	73	2	71	578.7410959	ug/kg	2300	ug/kg	N	N	3.974143216
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Fluorene	3B	75	2	73	594.108	ug/kg	2300	ug/kg	N	N	3.87134999
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Fluorene	3B	113	6	107	1742.155752	ug/kg	1000	ug/kg	N	Y	0.574001491
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Fluorene	3B	113	6	107	1742.155752	ug/kg	1000	ug/kg	N	Y	0.574001491
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Fluorene	3B	113	6	107	1742.155752	ug/kg	500	ug/kg	N	Y	0.287000746
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Fluorene	3B	113	6	107	1747.067257	ug/kg	500	ug/kg	N	Y	0.286193905
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Fluorene	3B	102	6	96	1869.643137	ug/kg	2300	ug/kg	N	N	1.230181287
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Fluorene	3B	102	6	96	1869.643137	ug/kg	2300	ug/kg	N	N	1.230181287
BIST005	UB054F0505	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0506	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0507	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0508	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0511	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0603	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0604	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0608	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0612	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0615	Sand seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0630	Sand seatrout	Whole Body	gamma-BHC (Lindane)	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB034F1504	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB034F1505	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST015	LB034F1506	Atlantic croaker	Whole Body	gamma-BHC (Lindane)	3B	88	11	77	8.881818182	ug/kg	5	ug/kg	N	Y	0.562947799
BIST021	LB094F2101	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	3B	42	5	37	7.685714286	ug/kg	5	ug/kg	N	Y	0.650557621
BIST021	LB094F2107	Atlantic croaker	Whole Body	gamma-BHC (Lindane)	3B	42	5	37	7.685714286	ug/kg	5	ug/kg	N	Y	0.650557621
BIST021	LB094F2134	Pinfish	Whole Body	gamma-BHC (Lindane)	3B	42	5	37	7.685714286	ug/kg	5	ug/kg	N	Y	0.650557621
BIST021	LB094F2141	Pinfish	Whole Body	gamma-BHC (Lindane)	3B	42	5	37	7.685714286	ug/kg	5	ug/kg	N	Y	0.650557621
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	gamma-BHC (Lindane)	3B	70	8	62	5.450714286	ug/kg	2.53	ug/kg	Y	N	0.46415935
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	gamma-BHC (Lindane)	3B	71	8	63	5.90915493	ug/kg	5.29	ug/kg	Y	N	0.89522107
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	gamma-BHC (Lindane)	3B	86	12	74	8.415116279	ug/kg	3	ug/kg	N	Y	0.356501313
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	gamma-BHC (Lindane)	3B	86	12	74	8.415116279	ug/kg	3	ug/kg	N	Y	0.356501313
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	gamma-BHC (Lindane)	3B	86	12	74	8.415116279	ug/kg	3	ug/kg	N	Y	0.356501313
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	gamma-BHC (Lindane)	3B	86	12	74	8.737790698	ug/kg	3	ug/kg	N	Y	0.343336217
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	gamma-BHC (Lindane)	3B	76	9	67	9.264473684	ug/kg	6.9	ug/kg	N	N	0.744780571
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	gamma-BHC (Lindane)	3B	76	9	67	9.264473684	ug/kg	2.3	ug/kg	Y	N	0.24826019
BIST005	UB054F0505	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	3	28	2.471612903	ug/kg	5	ug/kg	N	Y	2.022970504
BIST005	UB054F0506	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	3	28	2.471612903	ug/kg	5	ug/kg	N	Y	2.022970504
BIST005	UB054F0507	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	3	28	2.471612903	ug/kg	5	ug/kg	N	Y	2.022970504
BIST005	UB054F0508	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	3	28	2.471612903	ug/kg	5	ug/kg	N	Y	2.022970504
BIST005	UB054F0511	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	3	28	2.471612903	ug/kg	5	ug/kg	N	Y	2.022970504
BIST006	MB014F0603	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB014F0604	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB014F0608	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB014F0612	Spotted seatrout	Whole Body	gamma-Chlordane	3B	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB014F0615	Sand seatrout	Whole Body	gamma-Chlordane	3B	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST006	MB014F0630	Sand seatrout	Whole Body	gamma-Chlordane	3B	31	4	27	2.500645161	ug/kg	5	ug/kg	N	Y	1.999484004
BIST015	LB034F1504	Spotted seatrout	Whole Body	gamma-Chlordane	3B	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST015	LB034F1505	Spotted seatrout	Whole Body	gamma-Chlordane	3B	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB034F1506	Atlantic croaker	Whole Body	gamma-Chlordane	3B	88	22	66	16.06625	ug/kg	5	ug/kg	N	Y	0.31121139
BIST021	LB094F2101	Spotted seatrout	Whole Body	gamma-Chlordane	3B	42	14	28	14.78309524	ug/kg	5	ug/kg	N	Y	0.338224162
BIST021	LB094F2107	Atlantic croaker	Whole Body	gamma-Chlordane	3B	42	14	28	14.78309524	ug/kg	5	ug/kg	N	Y	0.338224162
BIST021	LB094F2134	Pinfish	Whole Body	gamma-Chlordane	3B	42	14	28	14.78309524	ug/kg	5	ug/kg	N	Y	0.338224162
BIST021	LB094F2141	Pinfish	Whole Body	gamma-Chlordane	3B	42	14	28	14.78309524	ug/kg	5	ug/kg	N	Y	0.338224162
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	gamma-Chlordane	3B	70	16	54	11.891	ug/kg	6.9	ug/kg	N	N	0.580270793
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	gamma-Chlordane	3B	71	17	54	12.23267606	ug/kg	16.1	ug/kg	N	N	1.316147009
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	gamma-Chlordane	3B	86	24	62	15.7677907	ug/kg	3	ug/kg	N	Y	0.190261277
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	gamma-Chlordane	3B	86	24	62	15.7677907	ug/kg	3	ug/kg	N	Y	0.190261277
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	gamma-Chlordane	3B	86	24	62	15.7677907	ug/kg	2.1	ug/kg	Y	Y	0.133182894
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	gamma-Chlordane	3B	86	25	61	16.0777907	ug/kg	2.1	ug/kg	Y	Y	0.130614961
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	gamma-Chlordane	3B	76	22	54	17.87381579	ug/kg	6.9	ug/kg	N	N	0.386039561
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	gamma-Chlordane	3B	76	22	54	17.87381579	ug/kg	6.9	ug/kg	N	N	0.386039561
BIST005	UB054F0505	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0506	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0507	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0508	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0511	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0603	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0604	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0608	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0612	Spotted seatrout	Whole Body	Heptachlor	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0615	Sand seatrout	Whole Body	Heptachlor	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST006	MB014F0630	Sand seatrout	Whole Body	Heptachlor	3B	31	0	31	2.537096774	ug/kg	5	ug/kg	N	Y	1.970756516
BIST015	LB034F1504	Spotted seatrout	Whole Body	Heptachlor	3B	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB034F1505	Spotted seatrout	Whole Body	Heptachlor	3B	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST015	LB034F1506	Atlantic croaker	Whole Body	Heptachlor	3B	88	11	77	14.89204545	ug/kg	5	ug/kg	N	Y	0.335749714
BIST021	LB094F2101	Spotted seatrout	Whole Body	Heptachlor	3B	42	6	36	15.68571429	ug/kg	5	ug/kg	N	Y	0.318761384
BIST021	LB094F2107	Atlantic croaker	Whole Body	Heptachlor	3B	42	6	36	15.68571429	ug/kg	5	ug/kg	N	Y	0.318761384
BIST021	LB094F2134	Pinfish	Whole Body	Heptachlor	3B	42	6	36	15.68571429	ug/kg	5	ug/kg	N	Y	0.318761384
BIST021	LB094F2141	Pinfish	Whole Body	Heptachlor	3B	42	6	36	15.68571429	ug/kg	5	ug/kg	N	Y	0.318761384
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Heptachlor	3B	70	5	65	8.756428571	ug/kg	2.99	ug/kg	Y	N	0.341463415
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Heptachlor	3B	71	5	66	9.168309859	ug/kg	7.82	ug/kg	Y	N	0.852938014
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Heptachlor	3B	86	11	75	14.4994186	ug/kg	4	ug/kg	Y	Y	0.27587313
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Heptachlor	3B	86	11	75	14.4994186	ug/kg	1.8	ug/kg	Y	Y	0.124142909
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Heptachlor	3B	86	11	75	14.4994186	ug/kg	3	ug/kg	N	Y	0.206904848
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Heptachlor	3B	86	11	75	14.82209302	ug/kg	3	ug/kg	N	Y	0.202400565
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Heptachlor	3B	76	10	66	16.16644737	ug/kg	6.9	ug/kg	N	N	0.426809913
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Heptachlor	3B	76	10	66	16.16644737	ug/kg	1.587	ug/kg	Y	N	0.09816628
BIST005	UB054F0505	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0506	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0507	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0508	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST005	UB054F0511	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	0	31	2.591935484	ug/kg	5	ug/kg	N	Y	1.929060361
BIST006	MB014F0603	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB014F0604	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB014F0608	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB014F0612	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB014F0615	Sand seatrout	Whole Body	Heptachlor Epoxide	3B	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST006	MB014F0630	Sand seatrout	Whole Body	Heptachlor Epoxide	3B	31	1	30	2.564516129	ug/kg	5	ug/kg	N	Y	1.949685535
BIST015	LB034F1504	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB034F1505	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST015	LB034F1506	Atlantic croaker	Whole Body	Heptachlor Epoxide	3B	88	5	83	14.27363636	ug/kg	5	ug/kg	N	Y	0.350296159
BIST021	LB094F2101	Spotted seatrout	Whole Body	Heptachlor Epoxide	3B	42	3	39	7.914285714	ug/kg	5	ug/kg	N	Y	0.631768953

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2107	Atlantic croaker	Whole Body	Heptachlor Epoxide	3B	42	3	39	7.914285714	ug/kg	5	ug/kg	N	Y	0.631768953
BIST021	LB094F2134	Pinfish	Whole Body	Heptachlor Epoxide	3B	42	3	39	7.914285714	ug/kg	5	ug/kg	N	Y	0.631768953
BIST021	LB094F2141	Pinfish	Whole Body	Heptachlor Epoxide	3B	42	3	39	7.914285714	ug/kg	5	ug/kg	N	Y	0.631768953
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Heptachlor Epoxide	3B	70	3	67	12.052	ug/kg	1.932	ug/kg	Y	N	0.160305344
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Heptachlor Epoxide	3B	71	3	68	12.41746479	ug/kg	3.91	ug/kg	Y	N	0.314879089
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Heptachlor Epoxide	3B	86	5	81	13.88837209	ug/kg	1.3	ug/kg	Y	Y	0.093603483
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Heptachlor Epoxide	3B	86	5	81	13.88837209	ug/kg	3.6	ug/kg	Y	Y	0.259209645
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Heptachlor Epoxide	3B	86	5	81	13.88837209	ug/kg	11	ug/kg	N	Y	0.792029471
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Heptachlor Epoxide	3B	86	5	81	14.21104651	ug/kg	11	ug/kg	N	Y	0.774045739
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Heptachlor Epoxide	3B	76	4	72	15.79539474	ug/kg	25.3	ug/kg	N	N	1.601732684
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Heptachlor Epoxide	3B	76	4	72	15.79539474	ug/kg	25.3	ug/kg	N	N	1.601732684
BIST005	UB054F0505	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	34	0	34	640.4411765	ug/kg	92	ug/kg	Y	Y	0.143650976
BIST005	UB054F0506	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	34	0	34	640.4411765	ug/kg	240	ug/kg	Y	Y	0.374741676
BIST005	UB054F0507	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	34	0	34	640.4411765	ug/kg	46	ug/kg	Y	Y	0.071825488
BIST005	UB054F0508	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0511	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	34	0	34	640.4411765	ug/kg	140	ug/kg	Y	Y	0.218599311
BIST006	MB014F0603	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	32	0	32	698.796875	ug/kg	29	ug/kg	Y	Y	0.041499899
BIST006	MB014F0604	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	32	0	32	698.796875	ug/kg	140	ug/kg	Y	Y	0.200344342
BIST006	MB014F0608	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	32	0	32	698.796875	ug/kg	27	ug/kg	Y	Y	0.038637837
BIST006	MB014F0612	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	32	0	32	698.796875	ug/kg	53	ug/kg	Y	Y	0.075844644
BIST006	MB014F0615	Sand seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	32	0	32	698.796875	ug/kg	49	ug/kg	Y	Y	0.07012052
BIST006	MB014F0630	Sand seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	32	0	32	698.796875	ug/kg	35	ug/kg	Y	Y	0.050086085
BIST015	LB034F1503	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	139	15	124	1385.320144	ug/kg	58	ug/kg	Y	Y	0.041867579
BIST015	LB034F1504	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	139	15	124	1385.320144	ug/kg	43	ug/kg	Y	Y	0.031039757
BIST015	LB034F1505	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	139	15	124	1385.320144	ug/kg	49	ug/kg	Y	Y	0.035370885
BIST015	LB034F1506	Atlantic croaker	Whole Body	Hexachloro-1,3-butadiene	3B	139	15	124	1385.320144	ug/kg	79	ug/kg	Y	Y	0.057026529
BIST021	LB094F2101	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	3B	74	6	68	599.9864865	ug/kg	61	ug/kg	Y	Y	0.101668957
BIST021	LB094F2107	Atlantic croaker	Whole Body	Hexachloro-1,3-butadiene	3B	74	6	68	599.9864865	ug/kg	130	ug/kg	Y	Y	0.216671547
BIST021	LB094F2134	Pinfish	Whole Body	Hexachloro-1,3-butadiene	3B	74	6	68	599.9864865	ug/kg	380	ug/kg	Y	Y	0.633347598
BIST021	LB094F2141	Pinfish	Whole Body	Hexachloro-1,3-butadiene	3B	74	6	68	599.9864865	ug/kg	210	ug/kg	Y	Y	0.350007883
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Hexachloro-1,3-butadiene	3B	83	8	75	527.8373494	ug/kg	2300	ug/kg	N	N	4.357402906
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Hexachloro-1,3-butadiene	3B	85	8	77	542.5941176	ug/kg	2300	ug/kg	N	N	4.238895936
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Hexachloro-1,3-butadiene	3B	131	15	116	1437.744275	ug/kg	1000	ug/kg	N	Y	0.695533982
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Hexachloro-1,3-butadiene	3B	131	15	116	1437.744275	ug/kg	1000	ug/kg	N	Y	0.695533982
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Hexachloro-1,3-butadiene	3B	131	15	116	1437.744275	ug/kg	500	ug/kg	N	Y	0.347766991
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Hexachloro-1,3-butadiene	3B	132	15	117	1432.003788	ug/kg	500	ug/kg	N	Y	0.349161088
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Hexachloro-1,3-butadiene	3B	121	13	108	1507.35124	ug/kg	2300	ug/kg	N	N	1.525855381
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Hexachloro-1,3-butadiene	3B	121	13	108	1507.35124	ug/kg	2300	ug/kg	N	N	1.525855381
BIST005	UB054F0505	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0506	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0507	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0508	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0511	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	34	0	34	640.4411765	ug/kg	58	ug/kg	Y	Y	0.090562572
BIST006	MB014F0603	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0604	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0608	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0612	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0615	Sand seatrout	Whole Body	Hexachlorobenzene	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0630	Sand seatrout	Whole Body	Hexachlorobenzene	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST015	LB034F1504	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB034F1505	Spotted seatrout	Whole Body	Hexachlorobenzene	3B	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST015	LB034F1506	Atlantic croaker	Whole Body	Hexachlorobenzene	3B	136	23	113	1709.819853	ug/kg	25	ug/kg	N	Y	0.014621423
BIST021	LB094F2107	Atlantic croaker	Whole Body	Hexachlorobenzene	3B	71	11	60	1111.549296	ug/kg	25	ug/kg	N	Y	0.02249113
BIST021	LB094F2134	Pinfish	Whole Body	Hexachlorobenzene	3B	71	11	60	1111.549296	ug/kg	25	ug/kg	N	Y	0.02249113

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2141	Pinfish	Whole Body	Hexachlorobenzene	3B	71	11	60	1111.549296	ug/kg	25	ug/kg	N	Y	0.02249113
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Hexachlorobenzene	3B	83	12	71	652.1746988	ug/kg	2300	ug/kg	N	N	3.526662418
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Hexachlorobenzene	3B	85	12	73	664.0058824	ug/kg	2300	ug/kg	N	N	3.463824736
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Hexachlorobenzene	3B	128	22	106	1780.003906	ug/kg	1000	ug/kg	N	Y	0.56179652
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Hexachlorobenzene	3B	128	22	106	1780.003906	ug/kg	1000	ug/kg	N	Y	0.56179652
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Hexachlorobenzene	3B	128	22	106	1780.003906	ug/kg	500	ug/kg	N	Y	0.28089826
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Hexachlorobenzene	3B	129	22	107	1771.476744	ug/kg	500	ug/kg	N	Y	0.282250389
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Hexachlorobenzene	3B	118	20	98	1884.368644	ug/kg	2300	ug/kg	N	N	1.220567964
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Hexachlorobenzene	3B	118	20	98	1884.368644	ug/kg	2300	ug/kg	N	N	1.220567964
BIST005	UB054F0505	Spotted seatrout	Whole Body	Hexachloroethane	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0506	Spotted seatrout	Whole Body	Hexachloroethane	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0507	Spotted seatrout	Whole Body	Hexachloroethane	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0508	Spotted seatrout	Whole Body	Hexachloroethane	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST005	UB054F0511	Spotted seatrout	Whole Body	Hexachloroethane	3B	34	0	34	640.4411765	ug/kg	25	ug/kg	N	Y	0.039035591
BIST006	MB014F0603	Spotted seatrout	Whole Body	Hexachloroethane	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0604	Spotted seatrout	Whole Body	Hexachloroethane	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0608	Spotted seatrout	Whole Body	Hexachloroethane	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0612	Spotted seatrout	Whole Body	Hexachloroethane	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0615	Sand seatrout	Whole Body	Hexachloroethane	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST006	MB014F0630	Sand seatrout	Whole Body	Hexachloroethane	3B	32	0	32	698.796875	ug/kg	25	ug/kg	N	Y	0.035775775
BIST015	LB034F1504	Spotted seatrout	Whole Body	Hexachloroethane	3B	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB034F1505	Spotted seatrout	Whole Body	Hexachloroethane	3B	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST015	LB034F1506	Atlantic croaker	Whole Body	Hexachloroethane	3B	136	0	136	1392.599265	ug/kg	25	ug/kg	N	Y	0.017952042
BIST021	LB094F2107	Atlantic croaker	Whole Body	Hexachloroethane	3B	71	0	71	589.9366197	ug/kg	25	ug/kg	N	Y	0.042377434
BIST021	LB094F2134	Pinfish	Whole Body	Hexachloroethane	3B	71	0	71	589.9366197	ug/kg	25	ug/kg	N	Y	0.042377434
BIST021	LB094F2141	Pinfish	Whole Body	Hexachloroethane	3B	71	0	71	589.9366197	ug/kg	25	ug/kg	N	Y	0.042377434
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Hexachloroethane	3B	83	0	83	516.4819277	ug/kg	2300	ug/kg	N	N	4.453205188
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Hexachloroethane	3B	85	0	85	531.5058824	ug/kg	2300	ug/kg	N	N	4.32732746
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Hexachloroethane	3B	128	0	128	1445.496094	ug/kg	1000	ug/kg	N	Y	0.691804014
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Hexachloroethane	3B	128	0	128	1445.496094	ug/kg	1000	ug/kg	N	Y	0.691804014
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Hexachloroethane	3B	128	0	128	1445.496094	ug/kg	500	ug/kg	N	Y	0.345902007
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Hexachloroethane	3B	129	0	129	1439.562016	ug/kg	500	ug/kg	N	Y	0.347327864
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Hexachloroethane	3B	118	0	118	1517.402542	ug/kg	2300	ug/kg	N	N	1.515748086
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Hexachloroethane	3B	118	0	118	1517.402542	ug/kg	2300	ug/kg	N	N	1.515748086
BIST005	UB054F0505	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	33	4	29	646.9818182	ug/kg	25	ug/kg	N	Y	0.038640962
BIST005	UB054F0506	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	33	4	29	646.9818182	ug/kg	25	ug/kg	N	Y	0.038640962
BIST005	UB054F0507	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	33	4	29	646.9818182	ug/kg	25	ug/kg	N	Y	0.038640962
BIST005	UB054F0508	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	33	4	29	646.9818182	ug/kg	25	ug/kg	N	Y	0.038640962
BIST005	UB054F0511	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	33	4	29	646.9818182	ug/kg	25	ug/kg	N	Y	0.038640962
BIST006	MB014F0603	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	31	3	28	707.4354839	ug/kg	25	ug/kg	N	Y	0.035338912
BIST006	MB014F0604	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	31	3	28	707.4354839	ug/kg	25	ug/kg	N	Y	0.035338912
BIST006	MB014F0608	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	31	3	28	707.4354839	ug/kg	25	ug/kg	N	Y	0.035338912
BIST006	MB014F0612	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	31	3	28	707.4354839	ug/kg	25	ug/kg	N	Y	0.035338912
BIST006	MB014F0615	Sand seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	31	3	28	707.4354839	ug/kg	25	ug/kg	N	Y	0.035338912
BIST006	MB014F0630	Sand seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	31	3	28	707.4354839	ug/kg	25	ug/kg	N	Y	0.035338912
BIST015	LB034F1504	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB034F1505	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	3B	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST015	LB034F1506	Atlantic croaker	Whole Body	Indeno(1,2,3-cd)pyrene	3B	127	16	111	1525.573228	ug/kg	25	ug/kg	N	Y	0.016387283
BIST021	LB094F2107	Atlantic croaker	Whole Body	Indeno(1,2,3-cd)pyrene	3B	68	7	61	603.1161765	ug/kg	25	ug/kg	N	Y	0.041451384
BIST021	LB094F2134	Pinfish	Whole Body	Indeno(1,2,3-cd)pyrene	3B	68	7	61	603.1161765	ug/kg	25	ug/kg	N	Y	0.041451384
BIST021	LB094F2141	Pinfish	Whole Body	Indeno(1,2,3-cd)pyrene	3B	68	7	61	603.1161765	ug/kg	25	ug/kg	N	Y	0.041451384
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Indeno(1,2,3-cd)pyrene	3B	76	6	70	563.1828947	ug/kg	2300	ug/kg	N	N	4.083930854
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Indeno(1,2,3-cd)pyrene	3B	78	6	72	578.3576923	ug/kg	2300	ug/kg	N	N	3.976777746
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Indeno(1,2,3-cd)pyrene	3B	121	16	105	1567.130579	ug/kg	1000	ug/kg	N	Y	0.638108919

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Indeno(1,2,3-cd)pyrene	3B	121	16	105	1567.130579	ug/kg	1000	ug/kg	N	Y	0.638108919
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Indeno(1,2,3-cd)pyrene	3B	121	16	105	1567.130579	ug/kg	500	ug/kg	N	Y	0.31905446
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Indeno(1,2,3-cd)pyrene	3B	121	16	105	1571.717355	ug/kg	500	ug/kg	N	Y	0.318123356
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Indeno(1,2,3-cd)pyrene	3B	109	15	94	1681.768807	ug/kg	2300	ug/kg	N	N	1.367607718
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Indeno(1,2,3-cd)pyrene	3B	109	15	94	1681.768807	ug/kg	2300	ug/kg	N	N	1.367607718
BIST005	UB054F0505	Spotted seatrout	Whole Body	Lead	3B	33	33	0	30.71666667	mg/kg	0.02	mg/kg	N	Y	0.000651112
BIST005	UB054F0506	Spotted seatrout	Whole Body	Lead	3B	33	33	0	30.71666667	mg/kg	0.02	mg/kg	N	Y	0.000651112
BIST005	UB054F0507	Spotted seatrout	Whole Body	Lead	3B	33	33	0	30.71666667	mg/kg	0.02	mg/kg	N	Y	0.000651112
BIST005	UB054F0508	Spotted seatrout	Whole Body	Lead	3B	33	33	0	30.71666667	mg/kg	0.02	mg/kg	N	Y	0.000651112
BIST005	UB054F0511	Spotted seatrout	Whole Body	Lead	3B	33	33	0	30.71666667	mg/kg	0.02	mg/kg	N	Y	0.000651112
BIST006	MB014F0603	Spotted seatrout	Whole Body	Lead	3B	32	31	1	33.0890625	mg/kg	0.02	mg/kg	N	Y	0.000604429
BIST006	MB014F0604	Spotted seatrout	Whole Body	Lead	3B	32	31	1	33.0890625	mg/kg	0.02	mg/kg	N	Y	0.000604429
BIST006	MB014F0608	Spotted seatrout	Whole Body	Lead	3B	32	31	1	33.0890625	mg/kg	0.02	mg/kg	N	Y	0.000604429
BIST006	MB014F0612	Spotted seatrout	Whole Body	Lead	3B	32	31	1	33.0890625	mg/kg	0.02	mg/kg	N	Y	0.000604429
BIST006	MB014F0615	Sand seatrout	Whole Body	Lead	3B	32	31	1	33.0890625	mg/kg	0.02	mg/kg	N	Y	0.000604429
BIST006	MB014F0630	Sand seatrout	Whole Body	Lead	3B	32	31	1	33.0890625	mg/kg	0.05	mg/kg	Y	Y	0.001511073
BIST015	LB034F1503	Spotted seatrout	Whole Body	Lead	3B	132	128	4	100.1208333	mg/kg	0.05	mg/kg	Y	Y	0.000499397
BIST015	LB034F1504	Spotted seatrout	Whole Body	Lead	3B	132	128	4	100.1208333	mg/kg	0.05	mg/kg	Y	Y	0.000499397
BIST015	LB034F1505	Spotted seatrout	Whole Body	Lead	3B	132	128	4	100.1208333	mg/kg	0.05	mg/kg	Y	Y	0.000499397
BIST015	LB034F1506	Atlantic croaker	Whole Body	Lead	3B	132	128	4	100.1208333	mg/kg	0.07	mg/kg	Y	Y	0.000699155
BIST021	LB094F2101	Spotted seatrout	Whole Body	Lead	3B	69	66	3	72.15289855	mg/kg	0.02	mg/kg	N	Y	0.000277189
BIST021	LB094F2107	Atlantic croaker	Whole Body	Lead	3B	69	66	3	72.15289855	mg/kg	0.02	mg/kg	N	Y	0.000277189
BIST021	LB094F2134	Pinfish	Whole Body	Lead	3B	69	66	3	72.15289855	mg/kg	0.12	mg/kg	Y	Y	0.001663135
BIST021	LB094F2141	Pinfish	Whole Body	Lead	3B	69	66	3	72.15289855	mg/kg	0.16	mg/kg	Y	Y	0.002217513
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Lead	3B	81	72	9	66.78580247	mg/kg	0.92	mg/kg	N	N	0.013775383
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Lead	3B	83	73	10	65.70662651	mg/kg	0.92	mg/kg	N	N	0.014001632
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Lead	3B	123	117	6	88.24268293	mg/kg	0.27	mg/kg	Y	Y	0.003059744
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Lead	3B	123	117	6	88.24268293	mg/kg	0.25	mg/kg	Y	Y	0.002833096
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Lead	3B	123	117	6	88.24268293	mg/kg	0.27	mg/kg	Y	Y	0.003059744
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Lead	3B	124	117	7	87.07741935	mg/kg	0.4	mg/kg	N	Y	0.004593613
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Lead	3B	114	111	3	89.60263158	mg/kg	0.92	mg/kg	N	N	0.010267556
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Lead	3B	114	111	3	89.60263158	mg/kg	0.92	mg/kg	N	N	0.010267556
BIST005	UB054F0505	Spotted seatrout	Whole Body	Mercury	3B	33	29	4	0.250621212	mg/kg	0.177	mg/kg	Y	Y	0.706245088
BIST005	UB054F0506	Spotted seatrout	Whole Body	Mercury	3B	33	29	4	0.250621212	mg/kg	0.137	mg/kg	Y	Y	0.546641678
BIST005	UB054F0507	Spotted seatrout	Whole Body	Mercury	3B	33	29	4	0.250621212	mg/kg	0.142	mg/kg	Y	Y	0.566592104
BIST005	UB054F0508	Spotted seatrout	Whole Body	Mercury	3B	33	29	4	0.250621212	mg/kg	0.079	mg/kg	Y	Y	0.315216734
BIST005	UB054F0511	Spotted seatrout	Whole Body	Mercury	3B	33	29	4	0.250621212	mg/kg	0.103	mg/kg	Y	Y	0.41097878
BIST006	MB014F0603	Spotted seatrout	Whole Body	Mercury	3B	32	28	4	0.3420875	mg/kg	0.111	mg/kg	Y	Y	0.324478386
BIST006	MB014F0604	Spotted seatrout	Whole Body	Mercury	3B	32	28	4	0.3420875	mg/kg	0.1	mg/kg	Y	Y	0.292322871
BIST006	MB014F0608	Spotted seatrout	Whole Body	Mercury	3B	32	28	4	0.3420875	mg/kg	0.114	mg/kg	Y	Y	0.333248072
BIST006	MB014F0612	Spotted seatrout	Whole Body	Mercury	3B	32	28	4	0.3420875	mg/kg	0.113	mg/kg	Y	Y	0.330324844
BIST006	MB014F0615	Sand seatrout	Whole Body	Mercury	3B	32	28	4	0.3420875	mg/kg	0.207	mg/kg	Y	Y	0.605108342
BIST006	MB014F0630	Sand seatrout	Whole Body	Mercury	3B	32	28	4	0.3420875	mg/kg	0.187	mg/kg	Y	Y	0.546643768
BIST015	LB034F1503	Spotted seatrout	Whole Body	Mercury	3B	132	115	17	3.080484848	mg/kg	0.251	mg/kg	Y	Y	0.08148068
BIST015	LB034F1504	Spotted seatrout	Whole Body	Mercury	3B	132	115	17	3.080484848	mg/kg	0.157	mg/kg	Y	Y	0.050966003
BIST015	LB034F1505	Spotted seatrout	Whole Body	Mercury	3B	132	115	17	3.080484848	mg/kg	0.194	mg/kg	Y	Y	0.062977099
BIST015	LB034F1506	Atlantic croaker	Whole Body	Mercury	3B	132	115	17	3.080484848	mg/kg	0.099	mg/kg	Y	Y	0.032137798
BIST021	LB094F2101	Spotted seatrout	Whole Body	Mercury	3B	69	53	16	1.260826087	mg/kg	0.171	mg/kg	Y	Y	0.135625366
BIST021	LB094F2107	Atlantic croaker	Whole Body	Mercury	3B	69	53	16	1.260826087	mg/kg	0.058	mg/kg	Y	Y	0.046001586
BIST021	LB094F2134	Pinfish	Whole Body	Mercury	3B	69	53	16	1.260826087	mg/kg	0.102	mg/kg	Y	Y	0.080899341
BIST021	LB094F2141	Pinfish	Whole Body	Mercury	3B	69	53	16	1.260826087	mg/kg	0.09	mg/kg	Y	Y	0.071381772
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Mercury	3B	81	80	1	3.359765432	mg/kg	0.2024	mg/kg	Y	N	0.060242301
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Mercury	3B	83	82	1	3.308084337	mg/kg	0.1656	mg/kg	Y	N	0.050059183
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Mercury	3B	123	111	12	3.258105691	mg/kg	0.05	mg/kg	N	Y	0.015346341

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Mercury	3B	123	111	12	3.258105691	mg/kg	0.065	mg/kg	N	Y	0.019950243
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Mercury	3B	123	111	12	3.258105691	mg/kg	0.034	mg/kg	Y	Y	0.010435512
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Mercury	3B	124	112	12	3.212330645	mg/kg	0.036	mg/kg	Y	Y	0.011206816
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Mercury	3B	114	98	16	2.961570175	mg/kg	0.02185	mg/kg	N	N	0.007377843
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Mercury	3B	114	98	16	2.961570175	mg/kg	0.23	mg/kg	Y	N	0.077661506
BIST005	UB054F0505	Spotted seatrout	Whole Body	Methoxychlor	3B	31	0	31	19.09677419	ug/kg	5	ug/kg	N	Y	0.261824324
BIST005	UB054F0506	Spotted seatrout	Whole Body	Methoxychlor	3B	31	0	31	19.09677419	ug/kg	5	ug/kg	N	Y	0.261824324
BIST005	UB054F0507	Spotted seatrout	Whole Body	Methoxychlor	3B	31	0	31	19.09677419	ug/kg	5	ug/kg	N	Y	0.261824324
BIST005	UB054F0508	Spotted seatrout	Whole Body	Methoxychlor	3B	31	0	31	19.09677419	ug/kg	5	ug/kg	N	Y	0.261824324
BIST005	UB054F0511	Spotted seatrout	Whole Body	Methoxychlor	3B	31	0	31	19.09677419	ug/kg	5	ug/kg	N	Y	0.261824324
BIST006	MB014F0603	Spotted seatrout	Whole Body	Methoxychlor	3B	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB014F0604	Spotted seatrout	Whole Body	Methoxychlor	3B	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB014F0608	Spotted seatrout	Whole Body	Methoxychlor	3B	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB014F0612	Spotted seatrout	Whole Body	Methoxychlor	3B	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB014F0615	Sand seatrout	Whole Body	Methoxychlor	3B	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST006	MB014F0630	Sand seatrout	Whole Body	Methoxychlor	3B	31	1	30	20.53225806	ug/kg	5	ug/kg	N	Y	0.243519246
BIST015	LB034F1504	Spotted seatrout	Whole Body	Methoxychlor	3B	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB034F1505	Spotted seatrout	Whole Body	Methoxychlor	3B	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST015	LB034F1506	Atlantic croaker	Whole Body	Methoxychlor	3B	88	4	84	44.39369318	ug/kg	5	ug/kg	N	Y	0.112628611
BIST021	LB094F2101	Spotted seatrout	Whole Body	Methoxychlor	3B	42	1	41	37.17607143	ug/kg	5	ug/kg	N	Y	0.134495115
BIST021	LB094F2107	Atlantic croaker	Whole Body	Methoxychlor	3B	42	1	41	37.17607143	ug/kg	5	ug/kg	N	Y	0.134495115
BIST021	LB094F2134	Pinfish	Whole Body	Methoxychlor	3B	42	1	41	37.17607143	ug/kg	5	ug/kg	N	Y	0.134495115
BIST021	LB094F2141	Pinfish	Whole Body	Methoxychlor	3B	42	1	41	37.17607143	ug/kg	21	ug/kg	N	Y	0.564879483
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Methoxychlor	3B	70	1	69	33.24071429	ug/kg	12.65	ug/kg	N	N	0.380557406
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Methoxychlor	3B	71	1	70	33.2443662	ug/kg	34.5	ug/kg	Y	N	1.037769822
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Methoxychlor	3B	86	4	82	44.36680233	ug/kg	5.5	ug/kg	N	Y	0.123966563
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Methoxychlor	3B	86	4	82	44.36680233	ug/kg	5.5	ug/kg	N	Y	0.123966563
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Methoxychlor	3B	86	4	82	44.36680233	ug/kg	5.5	ug/kg	N	Y	0.123966563
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Methoxychlor	3B	86	3	83	44.51912791	ug/kg	5.5	ug/kg	N	Y	0.123542402
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Methoxychlor	3B	76	3	73	45.46243421	ug/kg	12.65	ug/kg	N	N	0.278251709
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Methoxychlor	3B	76	3	73	45.46243421	ug/kg	12.65	ug/kg	N	N	0.278251709
BIST005	UB054F0505	Spotted seatrout	Whole Body	Nickel	3B	33	33	0	13.38575758	mg/kg	0.1	mg/kg	Y	Y	0.007470627
BIST005	UB054F0506	Spotted seatrout	Whole Body	Nickel	3B	33	33	0	13.38575758	mg/kg	0.09	mg/kg	Y	Y	0.006723564
BIST005	UB054F0507	Spotted seatrout	Whole Body	Nickel	3B	33	33	0	13.38575758	mg/kg	0.09	mg/kg	Y	Y	0.006723564
BIST005	UB054F0508	Spotted seatrout	Whole Body	Nickel	3B	33	33	0	13.38575758	mg/kg	0.07	mg/kg	Y	Y	0.005229439
BIST005	UB054F0511	Spotted seatrout	Whole Body	Nickel	3B	33	33	0	13.38575758	mg/kg	0.12	mg/kg	Y	Y	0.008964752
BIST006	MB014F0603	Spotted seatrout	Whole Body	Nickel	3B	32	32	0	14.40125	mg/kg	0.06	mg/kg	Y	Y	0.004166305
BIST006	MB014F0604	Spotted seatrout	Whole Body	Nickel	3B	32	32	0	14.40125	mg/kg	0.07	mg/kg	Y	Y	0.004860689
BIST006	MB014F0608	Spotted seatrout	Whole Body	Nickel	3B	32	32	0	14.40125	mg/kg	0.08	mg/kg	Y	Y	0.005555073
BIST006	MB014F0612	Spotted seatrout	Whole Body	Nickel	3B	32	32	0	14.40125	mg/kg	0.08	mg/kg	Y	Y	0.005555073
BIST006	MB014F0615	Sand seatrout	Whole Body	Nickel	3B	32	32	0	14.40125	mg/kg	0.07	mg/kg	Y	Y	0.004860689
BIST006	MB014F0630	Sand seatrout	Whole Body	Nickel	3B	32	32	0	14.40125	mg/kg	0.1	mg/kg	Y	Y	0.006943842
BIST015	LB034F1503	Spotted seatrout	Whole Body	Nickel	3B	132	131	1	24.89909091	mg/kg	0.08	mg/kg	Y	Y	0.003212969
BIST015	LB034F1504	Spotted seatrout	Whole Body	Nickel	3B	132	131	1	24.89909091	mg/kg	0.07	mg/kg	Y	Y	0.002811348
BIST015	LB034F1505	Spotted seatrout	Whole Body	Nickel	3B	132	131	1	24.89909091	mg/kg	0.98	mg/kg	Y	Y	0.039358867
BIST015	LB034F1506	Atlantic croaker	Whole Body	Nickel	3B	132	131	1	24.89909091	mg/kg	0.17	mg/kg	Y	Y	0.006827559
BIST021	LB094F2101	Spotted seatrout	Whole Body	Nickel	3B	69	68	1	16.97478261	mg/kg	0.09	mg/kg	Y	Y	0.005301982
BIST021	LB094F2107	Atlantic croaker	Whole Body	Nickel	3B	69	68	1	16.97478261	mg/kg	0.11	mg/kg	Y	Y	0.006480201
BIST021	LB094F2134	Pinfish	Whole Body	Nickel	3B	69	68	1	16.97478261	mg/kg	0.08	mg/kg	Y	Y	0.004712873
BIST021	LB094F2141	Pinfish	Whole Body	Nickel	3B	69	68	1	16.97478261	mg/kg	0.08	mg/kg	Y	Y	0.004712873
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Nickel	3B	81	71	10	24.04345679	mg/kg	4.6	mg/kg	N	N	0.191320243
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Nickel	3B	83	73	10	23.74963855	mg/kg	4.6	mg/kg	N	N	0.193687158
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Nickel	3B	123	120	3	25.94284553	mg/kg	2	mg/kg	N	Y	0.077092546
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Nickel	3B	123	120	3	25.94284553	mg/kg	2	mg/kg	N	Y	0.077092546

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Nickel	3B	123	120	3	25.94284553	mg/kg	2	mg/kg	N	Y	0.077092546
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Nickel	3B	124	121	3	25.50387097	mg/kg	2	mg/kg	N	Y	0.078419468
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Nickel	3B	114	113	1	23.74149123	mg/kg	4.6	mg/kg	N	N	0.193753625
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Nickel	3B	114	113	1	23.74149123	mg/kg	4.6	mg/kg	N	N	0.193753625
BIST005	UB054F0505	Spotted seatrout	Whole Body	OCDD	3B	9	9	0	3578.888889	ng/kg	0.875	ng/kg	N	Y	0.000244489
BIST006	MB014F0630	Sand seatrout	Whole Body	OCDD	3B	7	7	0	4157.142857	ng/kg	1.065	ng/kg	N	Y	0.000256186
BIST015	LB034F1503	Spotted seatrout	Whole Body	OCDD	3B	40	40	0	4704.65	ng/kg	0.9	ng/kg	N	Y	0.0001913
BIST015	LB034F1504	Spotted seatrout	Whole Body	OCDD	3B	40	40	0	4704.65	ng/kg	1.085	ng/kg	N	Y	0.000230623
BIST015	LB034F1506	Atlantic croaker	Whole Body	OCDD	3B	40	40	0	4704.65	ng/kg	6.3	ng/kg	N	Y	0.001339101
BIST021	LB094F2107	Atlantic croaker	Whole Body	OCDD	3B	22	22	0	3730.454545	ng/kg	1.305	ng/kg	N	Y	0.000349823
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	OCDD	3B	42	42	0	4491.571429	ng/kg	1.9	ng/kg	N	Y	0.000423015
BIST005	UB054F0505	Spotted seatrout	Whole Body	OCDF	3B	9	8	1	391.3333333	ng/kg	0.401	ng/kg	N	Y	0.001024702
BIST006	MB014F0630	Sand seatrout	Whole Body	OCDF	3B	7	7	0	550.1428571	ng/kg	0.3505	ng/kg	N	Y	0.000637107
BIST015	LB034F1503	Spotted seatrout	Whole Body	OCDF	3B	40	39	1	29122.8725	ng/kg	2.96	ng/kg	Y	Y	0.000101638
BIST015	LB034F1504	Spotted seatrout	Whole Body	OCDF	3B	40	39	1	29122.8725	ng/kg	3.03	ng/kg	Y	Y	0.000104042
BIST015	LB034F1506	Atlantic croaker	Whole Body	OCDF	3B	40	39	1	29122.8725	ng/kg	6.95	ng/kg	N	Y	0.000238644
BIST021	LB094F2107	Atlantic croaker	Whole Body	OCDF	3B	22	21	1	23491.19545	ng/kg	0.63	ng/kg	N	Y	2.68186E-05
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	OCDF	3B	42	41	1	28496.78333	ng/kg	0.6	ng/kg	N	Y	2.1055E-05
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-105	3B	10	10	0	217406	ng/kg	8910	ng/kg	Y	Y	0.04098323
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-105	3B	9	9	0	241248.8889	ng/kg	11800	ng/kg	Y	Y	0.048912142
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-105	3B	28	28	0	6188.104286	ng/kg	5680	ng/kg	Y	Y	0.917890155
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-105	3B	28	28	0	6188.104286	ng/kg	4870	ng/kg	Y	Y	0.786993847
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-105	3B	28	28	0	6188.104286	ng/kg	5030	ng/kg	Y	Y	0.812849908
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-105	3B	15	15	0	4026.974667	ng/kg	2740	ng/kg	Y	Y	0.680411531
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-114	3B	10	10	0	13343.38	ng/kg	411	ng/kg	Y	Y	0.030801791
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-114	3B	9	9	0	14814.42222	ng/kg	563	ng/kg	Y	Y	0.038003507
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-114	3B	28	27	1	1655.723107	ng/kg	277	ng/kg	Y	Y	0.167298505
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-114	3B	28	27	1	1655.723107	ng/kg	232	ng/kg	Y	Y	0.140120047
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-114	3B	28	27	1	1655.723107	ng/kg	327	ng/kg	Y	Y	0.197496791
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-114	3B	15	14	1	980.9224667	ng/kg	174	ng/kg	Y	Y	0.17738405
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-118	3B	3	3	0	18430	ng/kg	35400	ng/kg	Y	Y	1.920781335
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-118	3B	2	2	0	22925	ng/kg	45200	ng/kg	Y	Y	1.971646674
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-118	3B	10	10	0	27325	ng/kg	22500	ng/kg	Y	Y	0.823421775
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-118	3B	10	10	0	27325	ng/kg	19700	ng/kg	Y	Y	0.72095151
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-118	3B	10	10	0	27325	ng/kg	21700	ng/kg	Y	Y	0.794144556
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-118	3B	3	3	0	21700	ng/kg	11400	ng/kg	Y	Y	0.525345622
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-126	3B	10	10	0	4379.83	ng/kg	254	ng/kg	Y	Y	0.057993118
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-126	3B	9	9	0	4858.377778	ng/kg	144	ng/kg	Y	Y	0.029639523
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-126	3B	28	25	3	861.7883929	ng/kg	98.3	ng/kg	Y	Y	0.114065124
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-126	3B	28	25	3	861.7883929	ng/kg	125	ng/kg	Y	Y	0.145047208
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-126	3B	28	25	3	861.7883929	ng/kg	35.3	ng/kg	Y	Y	0.040961331
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-126	3B	15	13	2	212.1466667	ng/kg	11.9	ng/kg	N	Y	0.056093269
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-156	3B	10	10	0	68401.2	ng/kg	4260	ng/kg	Y	Y	0.062279609
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-156	3B	9	9	0	75869.11111	ng/kg	5950	ng/kg	Y	Y	0.078424538
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-156	3B	28	28	0	5077.486786	ng/kg	2650	ng/kg	Y	Y	0.521911747
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-156	3B	28	28	0	5077.486786	ng/kg	2060	ng/kg	Y	Y	0.405712528
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-156	3B	28	28	0	5077.486786	ng/kg	2450	ng/kg	Y	Y	0.482522181
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-156	3B	15	15	0	3102.742	ng/kg	1170	ng/kg	Y	Y	0.377085816
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-157	3B	10	10	0	17296.1	ng/kg	1220	ng/kg	Y	Y	0.070536132
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-157	3B	9	9	0	19177.66667	ng/kg	1730	ng/kg	Y	Y	0.090209097
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-157	3B	28	27	1	1228.481964	ng/kg	722	ng/kg	Y	Y	0.587717216
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-157	3B	28	27	1	1228.481964	ng/kg	594	ng/kg	Y	Y	0.483523582
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-157	3B	28	27	1	1228.481964	ng/kg	627	ng/kg	Y	Y	0.510386003
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-157	3B	15	14	1	812.7603333	ng/kg	315	ng/kg	Y	Y	0.387568127

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-167	3B	10	10	0	28470.8	ng/kg	2570	ng/kg	Y	Y	0.090267924
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-167	3B	9	9	0	31555.88889	ng/kg	2660	ng/kg	Y	Y	0.084294884
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-167	3B	28	28	0	4151.905357	ng/kg	1470	ng/kg	Y	Y	0.354054313
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-167	3B	28	28	0	4151.905357	ng/kg	1270	ng/kg	Y	Y	0.305883658
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-167	3B	28	28	0	4151.905357	ng/kg	1640	ng/kg	Y	Y	0.39499937
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-167	3B	15	15	0	2564.976667	ng/kg	841	ng/kg	Y	Y	0.327878226
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-169	3B	10	5	5	79.9545	ng/kg	11.7	ng/kg	Y	Y	0.146333227
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-169	3B	9	5	4	88.56222222	ng/kg	15.2	ng/kg	Y	Y	0.171630743
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-169	3B	28	16	12	150.8823214	ng/kg	8.78	ng/kg	Y	Y	0.058191045
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-169	3B	28	16	12	150.8823214	ng/kg	7.28	ng/kg	Y	Y	0.048249523
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-169	3B	28	16	12	150.8823214	ng/kg	10.1	ng/kg	N	Y	0.066939585
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-169	3B	15	7	8	77.97466667	ng/kg	11.9	ng/kg	N	Y	0.152613669
BIST005	UB054F0505	Spotted seatrout	Whole Body	PCB-189	3B	10	10	0	2736.69	ng/kg	356	ng/kg	Y	Y	0.130084153
BIST006	MB014F0630	Sand seatrout	Whole Body	PCB-189	3B	9	9	0	3026.1	ng/kg	502	ng/kg	Y	Y	0.16589009
BIST015	LB034F1503	Spotted seatrout	Whole Body	PCB-189	3B	28	28	0	2707.953571	ng/kg	241	ng/kg	Y	Y	0.088997095
BIST015	LB034F1504	Spotted seatrout	Whole Body	PCB-189	3B	28	28	0	2707.953571	ng/kg	176	ng/kg	Y	Y	0.064993729
BIST015	LB034F1506	Atlantic croaker	Whole Body	PCB-189	3B	28	28	0	2707.953571	ng/kg	287	ng/kg	Y	Y	0.105984092
BIST021	LB094F2107	Atlantic croaker	Whole Body	PCB-189	3B	15	15	0	1513.5	ng/kg	141	ng/kg	Y	Y	0.093161546
BIST005	UB054F0505	Spotted seatrout	Whole Body	Pentachlorophenol	3B	33	0	33	1621.515152	ug/kg	60	ug/kg	N	Y	0.037002429
BIST005	UB054F0506	Spotted seatrout	Whole Body	Pentachlorophenol	3B	33	0	33	1621.515152	ug/kg	60	ug/kg	N	Y	0.037002429
BIST005	UB054F0507	Spotted seatrout	Whole Body	Pentachlorophenol	3B	33	0	33	1621.515152	ug/kg	60	ug/kg	N	Y	0.037002429
BIST005	UB054F0508	Spotted seatrout	Whole Body	Pentachlorophenol	3B	33	0	33	1621.515152	ug/kg	60	ug/kg	N	Y	0.037002429
BIST005	UB054F0511	Spotted seatrout	Whole Body	Pentachlorophenol	3B	33	0	33	1621.515152	ug/kg	60	ug/kg	N	Y	0.037002429
BIST006	MB014F0603	Spotted seatrout	Whole Body	Pentachlorophenol	3B	31	0	31	1798.064516	ug/kg	60	ug/kg	N	Y	0.033369214
BIST006	MB014F0604	Spotted seatrout	Whole Body	Pentachlorophenol	3B	31	0	31	1798.064516	ug/kg	60	ug/kg	N	Y	0.033369214
BIST006	MB014F0608	Spotted seatrout	Whole Body	Pentachlorophenol	3B	31	0	31	1798.064516	ug/kg	60	ug/kg	N	Y	0.033369214
BIST006	MB014F0612	Spotted seatrout	Whole Body	Pentachlorophenol	3B	31	0	31	1798.064516	ug/kg	60	ug/kg	N	Y	0.033369214
BIST006	MB014F0615	Sand seatrout	Whole Body	Pentachlorophenol	3B	31	0	31	1798.064516	ug/kg	60	ug/kg	N	Y	0.033369214
BIST006	MB014F0630	Sand seatrout	Whole Body	Pentachlorophenol	3B	31	0	31	1798.064516	ug/kg	60	ug/kg	N	Y	0.033369214
BIST015	LB034F1504	Spotted seatrout	Whole Body	Pentachlorophenol	3B	112	0	112	4241.071429	ug/kg	60	ug/kg	N	Y	0.014147368
BIST015	LB034F1505	Spotted seatrout	Whole Body	Pentachlorophenol	3B	112	0	112	4241.071429	ug/kg	60	ug/kg	N	Y	0.014147368
BIST015	LB034F1506	Atlantic croaker	Whole Body	Pentachlorophenol	3B	112	0	112	4241.071429	ug/kg	60	ug/kg	N	Y	0.014147368
BIST021	LB094F2107	Atlantic croaker	Whole Body	Pentachlorophenol	3B	62	0	62	1667.177419	ug/kg	60	ug/kg	N	Y	0.035988971
BIST021	LB094F2134	Pinfish	Whole Body	Pentachlorophenol	3B	62	0	62	1667.177419	ug/kg	60	ug/kg	N	Y	0.035988971
BIST021	LB094F2141	Pinfish	Whole Body	Pentachlorophenol	3B	62	0	62	1667.177419	ug/kg	60	ug/kg	N	Y	0.035988971
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Pentachlorophenol	3B	71	0	71	1492.887324	ug/kg	11500	ug/kg	N	N	7.703193547
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Pentachlorophenol	3B	72	0	72	1545.763889	ug/kg	11500	ug/kg	N	N	7.439687317
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Pentachlorophenol	3B	106	0	106	4382.311321	ug/kg	5000	ug/kg	N	Y	1.140950433
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Pentachlorophenol	3B	106	0	106	4382.311321	ug/kg	5000	ug/kg	N	Y	1.140950433
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Pentachlorophenol	3B	106	0	106	4382.311321	ug/kg	2500	ug/kg	N	Y	0.570475217
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Pentachlorophenol	3B	106	0	106	4395.518868	ug/kg	2500	ug/kg	N	Y	0.568761067
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Pentachlorophenol	3B	95	0	95	4727.368421	ug/kg	11500	ug/kg	N	N	2.432643064
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Pentachlorophenol	3B	95	0	95	4727.368421	ug/kg	11500	ug/kg	N	N	2.432643064
BIST005	UB054F0505	Spotted seatrout	Whole Body	Phenanthrene	3B	34	6	28	604.1058824	ug/kg	25	ug/kg	N	Y	0.041383474
BIST005	UB054F0506	Spotted seatrout	Whole Body	Phenanthrene	3B	34	6	28	604.1058824	ug/kg	25	ug/kg	N	Y	0.041383474
BIST005	UB054F0507	Spotted seatrout	Whole Body	Phenanthrene	3B	34	6	28	604.1058824	ug/kg	25	ug/kg	N	Y	0.041383474
BIST005	UB054F0508	Spotted seatrout	Whole Body	Phenanthrene	3B	34	6	28	604.1058824	ug/kg	25	ug/kg	N	Y	0.041383474
BIST005	UB054F0511	Spotted seatrout	Whole Body	Phenanthrene	3B	34	6	28	604.1058824	ug/kg	25	ug/kg	N	Y	0.041383474
BIST006	MB014F0603	Spotted seatrout	Whole Body	Phenanthrene	3B	32	5	27	660.378125	ug/kg	25	ug/kg	N	Y	0.037857099
BIST006	MB014F0604	Spotted seatrout	Whole Body	Phenanthrene	3B	32	5	27	660.378125	ug/kg	25	ug/kg	N	Y	0.037857099
BIST006	MB014F0608	Spotted seatrout	Whole Body	Phenanthrene	3B	32	5	27	660.378125	ug/kg	25	ug/kg	N	Y	0.037857099
BIST006	MB014F0612	Spotted seatrout	Whole Body	Phenanthrene	3B	32	5	27	660.378125	ug/kg	25	ug/kg	N	Y	0.037857099
BIST006	MB014F0615	Sand seatrout	Whole Body	Phenanthrene	3B	32	5	27	660.378125	ug/kg	25	ug/kg	N	Y	0.037857099
BIST006	MB014F0630	Sand seatrout	Whole Body	Phenanthrene	3B	32	5	27	660.378125	ug/kg	25	ug/kg	N	Y	0.037857099

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB034F1504	Spotted seatrout	Whole Body	Phenanthrene	3B	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB034F1505	Spotted seatrout	Whole Body	Phenanthrene	3B	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST015	LB034F1506	Atlantic croaker	Whole Body	Phenanthrene	3B	131	25	106	1409.753435	ug/kg	25	ug/kg	N	Y	0.017733598
BIST021	LB094F2107	Atlantic croaker	Whole Body	Phenanthrene	3B	68	9	59	647.4544118	ug/kg	25	ug/kg	N	Y	0.038612757
BIST021	LB094F2134	Pinfish	Whole Body	Phenanthrene	3B	68	9	59	647.4544118	ug/kg	25	ug/kg	N	Y	0.038612757
BIST021	LB094F2141	Pinfish	Whole Body	Phenanthrene	3B	68	9	59	647.4544118	ug/kg	25	ug/kg	N	Y	0.038612757
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Phenanthrene	3B	81	11	70	546.4654321	ug/kg	2300	ug/kg	N	N	4.208866407
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Phenanthrene	3B	83	11	72	561.1289157	ug/kg	2300	ug/kg	N	N	4.09887984
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Phenanthrene	3B	125	25	100	1445.6616	ug/kg	1000	ug/kg	N	Y	0.691724813
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Phenanthrene	3B	125	25	100	1445.6616	ug/kg	1000	ug/kg	N	Y	0.691724813
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Phenanthrene	3B	125	25	100	1445.6616	ug/kg	500	ug/kg	N	Y	0.345862407
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Phenanthrene	3B	125	25	100	1450.1016	ug/kg	500	ug/kg	N	Y	0.344803426
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Phenanthrene	3B	113	23	90	1546.165487	ug/kg	2300	ug/kg	N	N	1.48755099
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Phenanthrene	3B	113	23	90	1546.165487	ug/kg	2300	ug/kg	N	N	1.48755099
BIST005	UB054F0505	Spotted seatrout	Whole Body	Pyrene	3B	34	12	22	636.5441176	ug/kg	25	ug/kg	N	Y	0.039274575
BIST005	UB054F0506	Spotted seatrout	Whole Body	Pyrene	3B	34	12	22	636.5441176	ug/kg	25	ug/kg	N	Y	0.039274575
BIST005	UB054F0507	Spotted seatrout	Whole Body	Pyrene	3B	34	12	22	636.5441176	ug/kg	25	ug/kg	N	Y	0.039274575
BIST005	UB054F0508	Spotted seatrout	Whole Body	Pyrene	3B	34	12	22	636.5441176	ug/kg	25	ug/kg	N	Y	0.039274575
BIST005	UB054F0511	Spotted seatrout	Whole Body	Pyrene	3B	34	12	22	636.5441176	ug/kg	25	ug/kg	N	Y	0.039274575
BIST006	MB014F0603	Spotted seatrout	Whole Body	Pyrene	3B	32	8	24	676.03125	ug/kg	25	ug/kg	N	Y	0.036980539
BIST006	MB014F0604	Spotted seatrout	Whole Body	Pyrene	3B	32	8	24	676.03125	ug/kg	25	ug/kg	N	Y	0.036980539
BIST006	MB014F0608	Spotted seatrout	Whole Body	Pyrene	3B	32	8	24	676.03125	ug/kg	25	ug/kg	N	Y	0.036980539
BIST006	MB014F0612	Spotted seatrout	Whole Body	Pyrene	3B	32	8	24	676.03125	ug/kg	25	ug/kg	N	Y	0.036980539
BIST006	MB014F0615	Sand seatrout	Whole Body	Pyrene	3B	32	8	24	676.03125	ug/kg	25	ug/kg	N	Y	0.036980539
BIST006	MB014F0630	Sand seatrout	Whole Body	Pyrene	3B	32	8	24	676.03125	ug/kg	25	ug/kg	N	Y	0.036980539
BIST015	LB034F1504	Spotted seatrout	Whole Body	Pyrene	3B	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB034F1505	Spotted seatrout	Whole Body	Pyrene	3B	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST015	LB034F1506	Atlantic croaker	Whole Body	Pyrene	3B	133	45	88	1619.209774	ug/kg	25	ug/kg	N	Y	0.01543963
BIST021	LB094F2107	Atlantic croaker	Whole Body	Pyrene	3B	69	19	50	649.6521739	ug/kg	25	ug/kg	N	Y	0.038482131
BIST021	LB094F2134	Pinfish	Whole Body	Pyrene	3B	69	19	50	649.6521739	ug/kg	25	ug/kg	N	Y	0.038482131
BIST021	LB094F2141	Pinfish	Whole Body	Pyrene	3B	69	19	50	649.6521739	ug/kg	25	ug/kg	N	Y	0.038482131
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Pyrene	3B	82	27	55	557.8402439	ug/kg	2300	ug/kg	N	N	4.123044232
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Pyrene	3B	84	27	57	572.0583333	ug/kg	2300	ug/kg	N	N	4.020568998
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Pyrene	3B	127	48	79	1658.196063	ug/kg	1000	ug/kg	N	Y	0.603064995
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Pyrene	3B	127	48	79	1658.196063	ug/kg	1000	ug/kg	N	Y	0.603064995
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Pyrene	3B	127	48	79	1658.196063	ug/kg	500	ug/kg	N	Y	0.301532497
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Pyrene	3B	127	47	80	1665.637008	ug/kg	500	ug/kg	N	Y	0.300185453
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Pyrene	3B	115	40	75	1784.390435	ug/kg	2300	ug/kg	N	N	1.288955576
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Pyrene	3B	115	40	75	1784.390435	ug/kg	2300	ug/kg	N	N	1.288955576
BIST005	UB054F0505	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.66	mg/kg	0.51	mg/kg	Y	Y	0.772727273
BIST005	UB054F0506	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.66	mg/kg	0.36	mg/kg	Y	Y	0.545454545
BIST005	UB054F0507	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.66	mg/kg	0.34	mg/kg	Y	Y	0.515151515
BIST005	UB054F0508	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.66	mg/kg	0.47	mg/kg	Y	Y	0.712121212
BIST005	UB054F0511	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.66	mg/kg	0.41	mg/kg	Y	Y	0.621212121
BIST006	MB014F0603	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.718666667	mg/kg	0.39	mg/kg	Y	Y	0.542671614
BIST006	MB014F0604	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.718666667	mg/kg	0.5	mg/kg	Y	Y	0.695732839
BIST006	MB014F0608	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.718666667	mg/kg	0.37	mg/kg	Y	Y	0.514842301
BIST006	MB014F0612	Spotted seatrout	Whole Body	Selenium	3B	30	1	29	0.718666667	mg/kg	0.29	mg/kg	Y	Y	0.403525046
BIST006	MB014F0615	Sand seatrout	Whole Body	Selenium	3B	30	1	29	0.718666667	mg/kg	0.46	mg/kg	Y	Y	0.640074212
BIST006	MB014F0630	Sand seatrout	Whole Body	Selenium	3B	30	1	29	0.718666667	mg/kg	0.53	mg/kg	Y	Y	0.737476809
BIST015	LB034F1503	Spotted seatrout	Whole Body	Selenium	3B	111	20	91	1.08990991	mg/kg	0.51	mg/kg	Y	Y	0.467928583
BIST015	LB034F1504	Spotted seatrout	Whole Body	Selenium	3B	111	20	91	1.08990991	mg/kg	0.39	mg/kg	Y	Y	0.35782774
BIST015	LB034F1505	Spotted seatrout	Whole Body	Selenium	3B	111	20	91	1.08990991	mg/kg	0.5	mg/kg	Y	Y	0.458753513
BIST015	LB034F1506	Atlantic croaker	Whole Body	Selenium	3B	111	20	91	1.08990991	mg/kg	0.69	mg/kg	Y	Y	0.633079848

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									Sediment Samples			Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2101	Spotted seatrout	Whole Body	Selenium	3B	62	10	52	1.131129032	mg/kg	0.34	mg/kg	Y	Y	0.300584629
BIST021	LB094F2107	Atlantic croaker	Whole Body	Selenium	3B	62	10	52	1.131129032	mg/kg	0.68	mg/kg	Y	Y	0.601169257
BIST021	LB094F2134	Pinfish	Whole Body	Selenium	3B	62	10	52	1.131129032	mg/kg	0.89	mg/kg	Y	Y	0.786824469
BIST021	LB094F2141	Pinfish	Whole Body	Selenium	3B	62	10	52	1.131129032	mg/kg	0.8	mg/kg	Y	Y	0.70725795
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Selenium	3B	69	16	53	1.151811594	mg/kg	3.22	mg/kg	Y	N	2.795596099
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Selenium	3B	71	19	52	1.16443662	mg/kg	2.76	mg/kg	Y	N	2.370244935
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Selenium	3B	104	22	82	1.038509615	mg/kg	0.55	mg/kg	N	Y	0.529605111
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Selenium	3B	104	22	82	1.038509615	mg/kg	0.415	mg/kg	N	Y	0.399611129
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Selenium	3B	104	22	82	1.038509615	mg/kg	1.2	mg/kg	Y	Y	1.15550206
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Selenium	3B	104	22	82	1.040432692	mg/kg	0.98	mg/kg	Y	Y	0.941915808
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Selenium	3B	94	18	76	1.045265957	mg/kg	1.725	mg/kg	N	N	1.650297695
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Selenium	3B	94	18	76	1.045265957	mg/kg	2.53	mg/kg	Y	N	2.420436619
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	5	26	4.97	ug/kg	10	ug/kg	N	Y	2.012072435
BIST005	UB054F0506	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	5	26	4.97	ug/kg	10	ug/kg	N	Y	2.012072435
BIST005	UB054F0507	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	5	26	4.97	ug/kg	10	ug/kg	N	Y	2.012072435
BIST005	UB054F0508	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	5	26	4.97	ug/kg	10	ug/kg	N	Y	2.012072435
BIST005	UB054F0511	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	5	26	4.97	ug/kg	10	ug/kg	N	Y	2.012072435
BIST006	MB014F0603	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB014F0604	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB014F0608	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB014F0612	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB014F0615	Sand seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST006	MB014F0630	Sand seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	31	6	25	4.982903226	ug/kg	10	ug/kg	N	Y	2.006862174
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB034F1505	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total Chlordane (U=1/2; max ND)	3B	88	33	55	31.11636364	ug/kg	10	ug/kg	N	Y	0.321374313
BIST021	LB094F2101	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	3B	42	17	25	22.71142857	ug/kg	10	ug/kg	N	Y	0.440306957
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total Chlordane (U=1/2; max ND)	3B	42	17	25	22.71142857	ug/kg	10	ug/kg	N	Y	0.440306957
BIST021	LB094F2134	Pinfish	Whole Body	Total Chlordane (U=1/2; max ND)	3B	42	17	25	22.71142857	ug/kg	10	ug/kg	N	Y	0.440306957
BIST021	LB094F2141	Pinfish	Whole Body	Total Chlordane (U=1/2; max ND)	3B	42	17	25	22.71142857	ug/kg	10	ug/kg	N	Y	0.440306957
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Total Chlordane (U=1/2; max ND)	3B	71	24	47	25.21014085	ug/kg	8.648	ug/kg	Y	N	0.34303656
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Total Chlordane (U=1/2; max ND)	3B	72	25	47	25.88986111	ug/kg	20.7	ug/kg	Y	N	0.79954079
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Total Chlordane (U=1/2; max ND)	3B	86	35	51	30.43127907	ug/kg	6	ug/kg	N	Y	0.197165554
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Total Chlordane (U=1/2; max ND)	3B	86	35	51	30.43127907	ug/kg	7.7	ug/kg	Y	Y	0.253029128
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Total Chlordane (U=1/2; max ND)	3B	86	35	51	30.43127907	ug/kg	5.5	ug/kg	Y	Y	0.180735091
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total Chlordane (U=1/2; max ND)	3B	86	35	51	31.08302326	ug/kg	5.1	ug/kg	Y	Y	0.164076704
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Total Chlordane (U=1/2; max ND)	3B	76	30	46	33.66460526	ug/kg	10.35	ug/kg	Y	N	0.307444567
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Total Chlordane (U=1/2; max ND)	3B	76	30	46	33.66460526	ug/kg	9.2	ug/kg	Y	N	0.27328406
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	8	23	8.945806452	ug/kg	10	ug/kg	N	Y	1.117842204
BIST005	UB054F0506	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	8	23	8.945806452	ug/kg	10	ug/kg	N	Y	1.117842204
BIST005	UB054F0507	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	8	23	8.945806452	ug/kg	10	ug/kg	N	Y	1.117842204
BIST005	UB054F0508	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	8	23	8.945806452	ug/kg	10	ug/kg	N	Y	1.117842204
BIST005	UB054F0511	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	8	23	8.945806452	ug/kg	10	ug/kg	N	Y	1.117842204
BIST006	MB014F0603	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB014F0604	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB014F0608	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB014F0612	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB014F0615	Sand seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST006	MB014F0630	Sand seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	31	9	22	9.732903226	ug/kg	10	ug/kg	N	Y	1.027442662
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB034F1505	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total DDT (U=1/2; max ND)	3B	88	32	56	44.92079545	ug/kg	10	ug/kg	N	Y	0.222614045
BIST021	LB094F2101	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	3B	42	15	27	29.69547619	ug/kg	10	ug/kg	N	Y	0.33675163
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total DDT (U=1/2; max ND)	3B	42	15	27	29.69547619	ug/kg	10	ug/kg	N	Y	0.33675163

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2134	Pinfish	Whole Body	Total DDT (U=1/2; max ND)	3B	42	15	27	29.69547619	ug/kg	10	ug/kg	N	Y	0.33675163
BIST021	LB094F2141	Pinfish	Whole Body	Total DDT (U=1/2; max ND)	3B	42	15	27	29.69547619	ug/kg	10	ug/kg	N	Y	0.33675163
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Total DDT (U=1/2; max ND)	3B	72	36	36	38.24875	ug/kg	17.02	ug/kg	Y	N	0.444981862
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Total DDT (U=1/2; max ND)	3B	73	37	36	38.7909589	ug/kg	32.2	ug/kg	N	N	0.830090333
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Total DDT (U=1/2; max ND)	3B	87	36	51	44.00965517	ug/kg	6	ug/kg	N	Y	0.13633372
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Total DDT (U=1/2; max ND)	3B	87	36	51	44.00965517	ug/kg	6	ug/kg	N	Y	0.13633372
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Total DDT (U=1/2; max ND)	3B	87	36	51	44.00965517	ug/kg	6	ug/kg	N	Y	0.13633372
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total DDT (U=1/2; max ND)	3B	87	36	51	44.57517241	ug/kg	6	ug/kg	N	Y	0.134604078
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Total DDT (U=1/2; max ND)	3B	76	29	47	46.40315789	ug/kg	18.4	ug/kg	Y	N	0.396524737
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Total DDT (U=1/2; max ND)	3B	76	29	47	46.40315789	ug/kg	15.18	ug/kg	Y	N	0.327132908
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	9	9	0	23.57513889	ng/kg	1.4147138	ng/kg	Y	Y	0.060008715
BIST006	MB014F0630	Sand seatrout	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	7	7	0	24.21677857	ng/kg	0.53737365	ng/kg	Y	Y	0.022190138
BIST015	LB034F1503	Spotted seatrout	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	22	22	0	409.0407568	ng/kg	1.534198	ng/kg	Y	Y	0.003750722
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	22	22	0	409.0407568	ng/kg	1.3067645	ng/kg	Y	Y	0.003194705
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	22	22	0	409.0407568	ng/kg	3.692625	ng/kg	Y	Y	0.009027523
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	10	10	0	164.541105	ng/kg	2.0328955	ng/kg	Y	Y	0.01235494
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	3B	22	22	0	394.4803023	ng/kg	3.2154	ng/kg	Y	Y	0.008150977
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	34	12	22	2138.6	ug/kg	50	ug/kg	N	Y	0.023379781
BIST005	UB054F0506	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	34	12	22	2138.6	ug/kg	50	ug/kg	N	Y	0.023379781
BIST005	UB054F0507	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	34	12	22	2138.6	ug/kg	50	ug/kg	N	Y	0.023379781
BIST005	UB054F0508	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	34	12	22	2138.6	ug/kg	50	ug/kg	N	Y	0.023379781
BIST005	UB054F0511	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	34	12	22	2138.6	ug/kg	50	ug/kg	N	Y	0.023379781
BIST006	MB014F0603	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	32	8	24	2146.546875	ug/kg	50	ug/kg	N	Y	0.023293225
BIST006	MB014F0604	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	32	8	24	2146.546875	ug/kg	50	ug/kg	N	Y	0.023293225
BIST006	MB014F0608	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	32	8	24	2146.546875	ug/kg	50	ug/kg	N	Y	0.023293225
BIST006	MB014F0612	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	32	8	24	2146.546875	ug/kg	50	ug/kg	N	Y	0.023293225
BIST006	MB014F0615	Sand seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	32	8	24	2146.546875	ug/kg	50	ug/kg	N	Y	0.023293225
BIST006	MB014F0630	Sand seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	32	8	24	2146.546875	ug/kg	50	ug/kg	N	Y	0.023293225
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB034F1505	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	3B	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total HPAH (U=1/2; max ND)	3B	133	50	83	5124.790226	ug/kg	50	ug/kg	N	Y	0.009756497
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total HPAH (U=1/2; max ND)	3B	69	20	49	2152.462319	ug/kg	50	ug/kg	N	Y	0.02322921
BIST021	LB094F2134	Pinfish	Whole Body	Total HPAH (U=1/2; max ND)	3B	69	20	49	2152.462319	ug/kg	50	ug/kg	N	Y	0.02322921
BIST021	LB094F2141	Pinfish	Whole Body	Total HPAH (U=1/2; max ND)	3B	69	20	49	2152.462319	ug/kg	50	ug/kg	N	Y	0.02322921
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Total HPAH (U=1/2; max ND)	3B	82	29	53	2111.043902	ug/kg	4600	ug/kg	N	N	2.179016739
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Total HPAH (U=1/2; max ND)	3B	84	29	55	2115.780952	ug/kg	4600	ug/kg	N	N	2.17413811
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Total HPAH (U=1/2; max ND)	3B	127	53	74	5361.835433	ug/kg	2000	ug/kg	N	Y	0.373006599
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Total HPAH (U=1/2; max ND)	3B	127	53	74	5361.835433	ug/kg	2000	ug/kg	N	Y	0.373006599
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Total HPAH (U=1/2; max ND)	3B	127	53	74	5361.835433	ug/kg	1000	ug/kg	N	Y	0.1865033
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total HPAH (U=1/2; max ND)	3B	127	52	75	5342.150394	ug/kg	1000	ug/kg	N	Y	0.187190537
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Total HPAH (U=1/2; max ND)	3B	115	45	70	5607.42087	ug/kg	4600	ug/kg	N	N	0.820341492
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Total HPAH (U=1/2; max ND)	3B	115	45	70	5607.42087	ug/kg	4600	ug/kg	N	N	0.820341492
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	34	7	27	1709.294118	ug/kg	50	ug/kg	N	Y	0.029251841
BIST005	UB054F0506	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	34	7	27	1709.294118	ug/kg	215	ug/kg	Y	Y	0.125782917
BIST005	UB054F0507	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	34	7	27	1709.294118	ug/kg	50	ug/kg	N	Y	0.029251841
BIST005	UB054F0508	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	34	7	27	1709.294118	ug/kg	50	ug/kg	N	Y	0.029251841
BIST005	UB054F0511	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	34	7	27	1709.294118	ug/kg	200	ug/kg	Y	Y	0.117007365
BIST006	MB014F0603	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	32	5	27	1776.090625	ug/kg	50	ug/kg	N	Y	0.028151717
BIST006	MB014F0604	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	32	5	27	1776.090625	ug/kg	201	ug/kg	Y	Y	0.113169901
BIST006	MB014F0608	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	32	5	27	1776.090625	ug/kg	50	ug/kg	N	Y	0.028151717
BIST006	MB014F0612	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	32	5	27	1776.090625	ug/kg	50	ug/kg	N	Y	0.028151717
BIST006	MB014F0615	Sand seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	32	5	27	1776.090625	ug/kg	50	ug/kg	N	Y	0.028151717
BIST006	MB014F0630	Sand seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	32	5	27	1776.090625	ug/kg	50	ug/kg	N	Y	0.028151717
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB034F1505	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	3B	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total LPAH (U=1/2; max ND)	3B	136	29	107	7910.703676	ug/kg	50	ug/kg	N	Y	0.00632055
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total LPAH (U=1/2; max ND)	3B	71	11	60	1450.209859	ug/kg	50	ug/kg	N	Y	0.034477769
BIST021	LB094F2134	Pinfish	Whole Body	Total LPAH (U=1/2; max ND)	3B	71	11	60	1450.209859	ug/kg	50	ug/kg	N	Y	0.034477769
BIST021	LB094F2141	Pinfish	Whole Body	Total LPAH (U=1/2; max ND)	3B	71	11	60	1450.209859	ug/kg	50	ug/kg	N	Y	0.034477769
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Total LPAH (U=1/2; max ND)	3B	83	14	69	1213.801205	ug/kg	4600	ug/kg	N	N	3.789747433
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Total LPAH (U=1/2; max ND)	3B	85	14	71	1239.594118	ug/kg	4600	ug/kg	N	N	3.710892085
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Total LPAH (U=1/2; max ND)	3B	128	30	98	8352.630469	ug/kg	2000	ug/kg	N	Y	0.239445526
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Total LPAH (U=1/2; max ND)	3B	128	30	98	8352.630469	ug/kg	2000	ug/kg	N	Y	0.239445526
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Total LPAH (U=1/2; max ND)	3B	128	30	98	8352.630469	ug/kg	1000	ug/kg	N	Y	0.119722763
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total LPAH (U=1/2; max ND)	3B	129	30	99	8298.424031	ug/kg	1000	ug/kg	N	Y	0.120504809
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Total LPAH (U=1/2; max ND)	3B	118	28	90	8932.581356	ug/kg	4600	ug/kg	N	N	0.514968721
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Total LPAH (U=1/2; max ND)	3B	118	28	90	8932.581356	ug/kg	4600	ug/kg	N	N	0.514968721
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	34	13	21	3272.423529	ug/kg	50	ug/kg	N	Y	0.015279196
BIST005	UB054F0506	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	34	13	21	3272.423529	ug/kg	465	ug/kg	Y	Y	0.142096521
BIST005	UB054F0507	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	34	13	21	3272.423529	ug/kg	50	ug/kg	N	Y	0.015279196
BIST005	UB054F0508	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	34	13	21	3272.423529	ug/kg	50	ug/kg	N	Y	0.015279196
BIST005	UB054F0511	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	34	13	21	3272.423529	ug/kg	450	ug/kg	Y	Y	0.137512763
BIST006	MB014F0603	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	32	8	24	3008.2625	ug/kg	50	ug/kg	N	Y	0.01662089
BIST006	MB014F0604	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	32	8	24	3008.2625	ug/kg	451	ug/kg	Y	Y	0.149920427
BIST006	MB014F0608	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	32	8	24	3008.2625	ug/kg	50	ug/kg	N	Y	0.01662089
BIST006	MB014F0612	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	32	8	24	3008.2625	ug/kg	50	ug/kg	N	Y	0.01662089
BIST006	MB014F0615	Sand seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	32	8	24	3008.2625	ug/kg	50	ug/kg	N	Y	0.01662089
BIST006	MB014F0630	Sand seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	32	8	24	3008.2625	ug/kg	50	ug/kg	N	Y	0.01662089
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB034F1505	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	3B	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total PAH (U=1/2; max ND)	3B	136	52	84	18308.46544	ug/kg	50	ug/kg	N	Y	0.002730977
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total PAH (U=1/2; max ND)	3B	71	20	51	2872.461972	ug/kg	50	ug/kg	N	Y	0.017406671
BIST021	LB094F2134	Pinfish	Whole Body	Total PAH (U=1/2; max ND)	3B	71	20	51	2872.461972	ug/kg	50	ug/kg	N	Y	0.017406671
BIST021	LB094F2141	Pinfish	Whole Body	Total PAH (U=1/2; max ND)	3B	71	20	51	2872.461972	ug/kg	50	ug/kg	N	Y	0.017406671
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Total PAH (U=1/2; max ND)	3B	83	29	54	2984.151807	ug/kg	4600	ug/kg	N	N	1.541476539
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Total PAH (U=1/2; max ND)	3B	85	29	56	2968.289412	ug/kg	4600	ug/kg	N	N	1.549714115
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Total PAH (U=1/2; max ND)	3B	128	55	73	19510.10391	ug/kg	2000	ug/kg	N	Y	0.102510987
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Total PAH (U=1/2; max ND)	3B	128	55	73	19510.10391	ug/kg	2000	ug/kg	N	Y	0.102510987
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Total PAH (U=1/2; max ND)	3B	128	55	73	19510.10391	ug/kg	1000	ug/kg	N	Y	0.051255493
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total PAH (U=1/2; max ND)	3B	129	54	75	19310.41318	ug/kg	1000	ug/kg	N	Y	0.051785531
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Total PAH (U=1/2; max ND)	3B	118	47	71	20637.13136	ug/kg	4600	ug/kg	N	N	0.222899197
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Total PAH (U=1/2; max ND)	3B	118	47	71	20637.13136	ug/kg	4600	ug/kg	N	N	0.222899197
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	3	3	0	49872	ng/kg	83.1	ug/kg	Y	Y	0.001666266
BIST006	MB014F0630	Sand seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	2	2	0	61971	ng/kg	103	ug/kg	Y	Y	0.001662068
BIST015	LB034F1503	Spotted seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	3	3	0	538.3	ug/kg	49.1	ug/kg	Y	Y	0.091213078
BIST015	LB034F1503	Spotted seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	25	25	0	1374616.16	ng/kg	49.1	ug/kg	Y	Y	3.57191E-05
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	3	3	0	538.3	ug/kg	43.9	ug/kg	Y	Y	0.081553037
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	25	25	0	1374616.16	ng/kg	43.9	ug/kg	Y	Y	3.19362E-05
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	3	3	0	538.3	ug/kg	50.5	ug/kg	Y	Y	0.093813858
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	25	25	0	1374616.16	ng/kg	50.5	ug/kg	Y	Y	3.67375E-05
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total PCB Cong-209 (U=0, max RL)	3B	15	15	0	491881	ng/kg	28	ug/kg	Y	Y	5.69243E-05
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total PCB Congs (U=1/2; max ND)	3B	3	3	0	49877.99833	ng/kg	83109.1	ng/kg	Y	Y	1.6662477
BIST006	MB014F0630	Sand seatrout	Whole Body	Total PCB Congs (U=1/2; max ND)	3B	2	2	0	61976.22	ng/kg	103006.33	ng/kg	Y	Y	1.662029888
BIST015	LB034F1503	Spotted seatrout	Whole Body	Total PCB Congs (U=1/2; max ND)	3B	10	10	0	219276.232	ng/kg	49126.83	ng/kg	Y	Y	0.224040834
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total PCB Congs (U=1/2; max ND)	3B	10	10	0	219276.232	ng/kg	43881.78	ng/kg	Y	Y	0.200121005
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total PCB Congs (U=1/2; max ND)	3B	10	10	0	219276.232	ng/kg	50519.7	ng/kg	Y	Y	0.230392959
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total PCB Congs (U=1/2; max ND)	3B	3	3	0	120806.1667	ng/kg	28082.84	ng/kg	Y	Y	0.232461974
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	34	30	4	1295.647059	ug/kg	300	ug/kg	Y	Y	0.231544538

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0506	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	34	30	4	1295.647059	ug/kg	62	ug/kg	Y	Y	0.047852538
BIST005	UB054F0507	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	34	30	4	1295.647059	ug/kg	93	ug/kg	Y	Y	0.071778807
BIST005	UB054F0508	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	34	30	4	1295.647059	ug/kg	182	ug/kg	Y	Y	0.140470353
BIST005	UB054F0511	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	34	30	4	1295.647059	ug/kg	5	ug/kg	N	Y	0.003859076
BIST006	MB014F0603	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	33	29	4	1343.257576	ug/kg	43	ug/kg	Y	Y	0.032011731
BIST006	MB014F0604	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	33	29	4	1343.257576	ug/kg	57	ug/kg	Y	Y	0.042434155
BIST006	MB014F0608	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	33	29	4	1343.257576	ug/kg	45	ug/kg	Y	Y	0.033500649
BIST006	MB014F0612	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	33	29	4	1343.257576	ug/kg	127	ug/kg	Y	Y	0.094546275
BIST006	MB014F0615	Sand seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	33	29	4	1343.257576	ug/kg	195	ug/kg	Y	Y	0.145169477
BIST006	MB014F0630	Sand seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	33	29	4	1343.257576	ug/kg	123	ug/kg	Y	Y	0.091568439
BIST015	LB034F1503	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	88	21	67	171.1931818	ug/kg	95	ug/kg	Y	Y	0.554928643
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	88	21	67	171.1931818	ug/kg	166	ug/kg	Y	Y	0.969664786
BIST015	LB034F1505	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	88	21	67	171.1931818	ug/kg	5	ug/kg	N	Y	0.029206771
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total PCBs (U=0, max RL)	3B	88	21	67	171.1931818	ug/kg	261	ug/kg	Y	Y	1.524593428
BIST021	LB094F2101	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	3B	42	10	32	146.9380952	ug/kg	93	ug/kg	Y	Y	0.632919597
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total PCBs (U=0, max RL)	3B	42	10	32	146.9380952	ug/kg	241	ug/kg	Y	Y	1.640146482
BIST021	LB094F2134	Pinfish	Whole Body	Total PCBs (U=0, max RL)	3B	42	10	32	146.9380952	ug/kg	390	ug/kg	Y	Y	2.654178955
BIST021	LB094F2141	Pinfish	Whole Body	Total PCBs (U=0, max RL)	3B	42	10	32	146.9380952	ug/kg	500	ug/kg	Y	Y	3.402793531
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Total PCBs (U=0, max RL)	3B	72	36	36	143.8472222	ug/kg	115	ug/kg	N	N	0.799459303
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Total PCBs (U=0, max RL)	3B	73	36	37	142.1986301	ug/kg	115	ug/kg	N	N	0.808727903
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Total PCBs (U=0, max RL)	3B	87	26	61	170.9988506	ug/kg	50	ug/kg	N	Y	0.292399626
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Total PCBs (U=0, max RL)	3B	87	26	61	170.9988506	ug/kg	50	ug/kg	N	Y	0.292399626
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Total PCBs (U=0, max RL)	3B	87	26	61	170.9988506	ug/kg	86	ug/kg	Y	Y	0.502927357
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total PCBs (U=0, max RL)	3B	87	24	63	171.3666667	ug/kg	50	ug/kg	N	Y	0.291772029
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Total PCBs (U=0, max RL)	3B	76	18	58	178.4460526	ug/kg	115	ug/kg	N	N	0.644452473
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Total PCBs (U=0, max RL)	3B	76	18	58	178.4460526	ug/kg	115	ug/kg	N	N	0.644452473
BIST005	UB054F0505	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	34	30	4	1529.691176	ug/kg	325	ug/kg	Y	Y	0.212461185
BIST005	UB054F0506	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	34	30	4	1529.691176	ug/kg	87	ug/kg	Y	Y	0.056874225
BIST005	UB054F0507	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	34	30	4	1529.691176	ug/kg	118	ug/kg	Y	Y	0.077139753
BIST005	UB054F0508	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	34	30	4	1529.691176	ug/kg	207	ug/kg	Y	Y	0.135321432
BIST005	UB054F0511	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	34	30	4	1529.691176	ug/kg	10	ug/kg	N	Y	0.006537267
BIST006	MB014F0603	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	33	29	4	1596.30303	ug/kg	68	ug/kg	Y	Y	0.042598428
BIST006	MB014F0604	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	33	29	4	1596.30303	ug/kg	82	ug/kg	Y	Y	0.051368693
BIST006	MB014F0608	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	33	29	4	1596.30303	ug/kg	70	ug/kg	Y	Y	0.043851323
BIST006	MB014F0612	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	33	29	4	1596.30303	ug/kg	152	ug/kg	Y	Y	0.095220016
BIST006	MB014F0615	Sand seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	33	29	4	1596.30303	ug/kg	220	ug/kg	Y	Y	0.137818444
BIST006	MB014F0630	Sand seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	33	29	4	1596.30303	ug/kg	148	ug/kg	Y	Y	0.092714226
BIST015	LB034F1503	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	88	21	67	396.7897727	ug/kg	95	ug/kg	Y	Y	0.239421494
BIST015	LB034F1504	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	88	21	67	396.7897727	ug/kg	191	ug/kg	Y	Y	0.481363213
BIST015	LB034F1505	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	88	21	67	396.7897727	ug/kg	10	ug/kg	N	Y	0.025202262
BIST015	LB034F1506	Atlantic croaker	Whole Body	Total PCBs (U=1/2; max ND)	3B	88	21	67	396.7897727	ug/kg	286	ug/kg	Y	Y	0.720784707
BIST021	LB094F2101	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	3B	42	10	32	331.2714286	ug/kg	118	ug/kg	Y	Y	0.356203372
BIST021	LB094F2107	Atlantic croaker	Whole Body	Total PCBs (U=1/2; max ND)	3B	42	10	32	331.2714286	ug/kg	266	ug/kg	Y	Y	0.802966924
BIST021	LB094F2134	Pinfish	Whole Body	Total PCBs (U=1/2; max ND)	3B	42	10	32	331.2714286	ug/kg	415	ug/kg	Y	Y	1.252749148
BIST021	LB094F2141	Pinfish	Whole Body	Total PCBs (U=1/2; max ND)	3B	42	10	32	331.2714286	ug/kg	500	ug/kg	Y	Y	1.509336323
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Total PCBs (U=1/2; max ND)	3B	72	36	36	396.6736111	ug/kg	230	ug/kg	N	N	0.579821782
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Total PCBs (U=1/2; max ND)	3B	73	36	37	392.2945205	ug/kg	230	ug/kg	N	N	0.586294195
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Total PCBs (U=1/2; max ND)	3B	87	26	61	407.8321839	ug/kg	100	ug/kg	N	Y	0.245198893
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Total PCBs (U=1/2; max ND)	3B	87	26	61	407.8321839	ug/kg	100	ug/kg	N	Y	0.245198893
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Total PCBs (U=1/2; max ND)	3B	87	26	61	407.8321839	ug/kg	386	ug/kg	Y	Y	0.946467727
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Total PCBs (U=1/2; max ND)	3B	87	24	63	401.3436782	ug/kg	100	ug/kg	N	Y	0.249163013
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Total PCBs (U=1/2; max ND)	3B	76	18	58	401.275	ug/kg	230	ug/kg	N	N	0.573173011
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Total PCBs (U=1/2; max ND)	3B	76	18	58	401.275	ug/kg	230	ug/kg	N	N	0.573173011
BIST005	UB054F0505	Spotted seatrout	Whole Body	Zinc	3B	33	22	11	125.0439394	mg/kg	8.9	mg/kg	Y	Y	0.071174981

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0506	Spotted seatrout	Whole Body	Zinc	3B	33	22	11	125.0439394	mg/kg	14	mg/kg	Y	Y	0.111960644
BIST005	UB054F0507	Spotted seatrout	Whole Body	Zinc	3B	33	22	11	125.0439394	mg/kg	14.7	mg/kg	Y	Y	0.117558676
BIST005	UB054F0508	Spotted seatrout	Whole Body	Zinc	3B	33	22	11	125.0439394	mg/kg	14.3	mg/kg	Y	Y	0.114359801
BIST005	UB054F0511	Spotted seatrout	Whole Body	Zinc	3B	33	22	11	125.0439394	mg/kg	13.1	mg/kg	Y	Y	0.104763174
BIST006	MB014F0603	Spotted seatrout	Whole Body	Zinc	3B	32	20	12	143.6484375	mg/kg	13.2	mg/kg	Y	Y	0.09189101
BIST006	MB014F0604	Spotted seatrout	Whole Body	Zinc	3B	32	20	12	143.6484375	mg/kg	15.4	mg/kg	Y	Y	0.107206178
BIST006	MB014F0608	Spotted seatrout	Whole Body	Zinc	3B	32	20	12	143.6484375	mg/kg	14.5	mg/kg	Y	Y	0.100940882
BIST006	MB014F0612	Spotted seatrout	Whole Body	Zinc	3B	32	20	12	143.6484375	mg/kg	12.4	mg/kg	Y	Y	0.086321858
BIST006	MB014F0615	Sand seatrout	Whole Body	Zinc	3B	32	20	12	143.6484375	mg/kg	17.2	mg/kg	Y	Y	0.119736771
BIST006	MB014F0630	Sand seatrout	Whole Body	Zinc	3B	32	20	12	143.6484375	mg/kg	19.5	mg/kg	Y	Y	0.135748083
BIST015	LB034F1503	Spotted seatrout	Whole Body	Zinc	3B	132	127	5	131.6219697	mg/kg	13.3	mg/kg	Y	Y	0.101046961
BIST015	LB034F1504	Spotted seatrout	Whole Body	Zinc	3B	132	127	5	131.6219697	mg/kg	12.4	mg/kg	Y	Y	0.094209196
BIST015	LB034F1505	Spotted seatrout	Whole Body	Zinc	3B	132	127	5	131.6219697	mg/kg	13.1	mg/kg	Y	Y	0.099527458
BIST015	LB034F1506	Atlantic croaker	Whole Body	Zinc	3B	132	127	5	131.6219697	mg/kg	12.3	mg/kg	Y	Y	0.093449445
BIST021	LB094F2101	Spotted seatrout	Whole Body	Zinc	3B	69	67	2	91.20144928	mg/kg	15.3	mg/kg	Y	Y	0.167760492
BIST021	LB094F2107	Atlantic croaker	Whole Body	Zinc	3B	69	67	2	91.20144928	mg/kg	10.3	mg/kg	Y	Y	0.112936802
BIST021	LB094F2134	Pinfish	Whole Body	Zinc	3B	69	67	2	91.20144928	mg/kg	18.6	mg/kg	Y	Y	0.203944128
BIST021	LB094F2141	Pinfish	Whole Body	Zinc	3B	69	67	2	91.20144928	mg/kg	15.1	mg/kg	Y	Y	0.165567544
ECOBI002	00ECO-002-BD1-BI01	Black Drum	Fish Fille	Zinc	3B	81	74	7	164.7061728	mg/kg	14.95	mg/kg	Y	N	0.090767697
ECOBI007	00ECO-007-BD1-BI01	Black Drum	Fish Fille	Zinc	3B	83	77	6	161.6638554	mg/kg	18.63	mg/kg	Y	N	0.115239117
ECOBI012	00ECO-012-BD1-BI01	Black Drum	Whole Body	Zinc	3B	123	117	6	138.4186992	mg/kg	16.6	mg/kg	Y	Y	0.119925993
ECOBI012	00ECO-012-BD3-BI01	Black Drum	Whole Body	Zinc	3B	123	117	6	138.4186992	mg/kg	20.1	mg/kg	Y	Y	0.145211594
ECOBI012	00ECO-012-BD4-BI01	Black Drum	Whole Body	Zinc	3B	123	117	6	138.4186992	mg/kg	15.3	mg/kg	Y	Y	0.110534199
ECOBI013	00ECO-013-BD1-BI01	Black Drum	Whole Body	Zinc	3B	124	118	6	135.5483871	mg/kg	17.6	mg/kg	Y	Y	0.129842932
ECOBI014	00ECO-014-BD2-BI01	Black Drum	Fish Fille	Zinc	3B	114	110	4	124.8315789	mg/kg	7.015	mg/kg	N	N	0.056195716
ECOBI014	00ECO-014-FL2-BI01	Flounder	Fish Fille	Zinc	3B	114	110	4	124.8315789	mg/kg	16.1	mg/kg	Y	N	0.128973775
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,4,6,7,8-HpCDD	4A	72	70	2	336.6708333	ng/kg	12.7	ng/kg	Y	Y	0.037722305
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,4,6,7,8-HpCDD	4A	72	70	2	336.6708333	ng/kg	2.93	ng/kg	Y	Y	0.008702863
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,4,6,7,8-HpCDD	4A	72	70	2	336.6708333	ng/kg	4.76	ng/kg	Y	Y	0.014138439
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,4,6,7,8-HpCDF	4A	72	70	2	2827.143611	ng/kg	5.98	ng/kg	Y	Y	0.002115209
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,4,6,7,8-HpCDF	4A	72	70	2	2827.143611	ng/kg	88.3	ng/kg	Y	Y	0.031232938
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,4,6,7,8-HpCDF	4A	72	70	2	2827.143611	ng/kg	0.378	ng/kg	Y	Y	0.000133704
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,4,7,8,9-HpCDF	4A	72	69	3	641.1841667	ng/kg	1.68	ng/kg	Y	Y	0.002620152
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,4,7,8,9-HpCDF	4A	72	69	3	641.1841667	ng/kg	0.6	ng/kg	N	Y	0.000935769
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,4,7,8,9-HpCDF	4A	72	69	3	641.1841667	ng/kg	0.07	ng/kg	N	Y	0.000109173
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,4,7,8-HxCDD	4A	72	42	30	14.92945139	ng/kg	0.845	ng/kg	N	Y	0.056599535
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,4,7,8-HxCDD	4A	72	42	30	14.92945139	ng/kg	0.79	ng/kg	N	Y	0.052915541
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,4,7,8-HxCDD	4A	72	42	30	14.92945139	ng/kg	0.458	ng/kg	Y	Y	0.030677618
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,4,7,8-HxCDF	4A	72	68	4	1019.560764	ng/kg	26.5	ng/kg	Y	Y	0.025991585
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,4,7,8-HxCDF	4A	72	68	4	1019.560764	ng/kg	20.2	ng/kg	Y	Y	0.019812453
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,4,7,8-HxCDF	4A	72	68	4	1019.560764	ng/kg	1.24	ng/kg	Y	Y	0.00121621
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,6,7,8-HxCDD	4A	72	61	11	25.13013889	ng/kg	6.93	ng/kg	Y	Y	0.275764493
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,6,7,8-HxCDD	4A	72	61	11	25.13013889	ng/kg	3	ng/kg	Y	Y	0.119378568
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,6,7,8-HxCDD	4A	72	61	11	25.13013889	ng/kg	2.38	ng/kg	Y	Y	0.094706997
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,6,7,8-HxCDF	4A	72	63	9	305.1972917	ng/kg	14.1	ng/kg	Y	Y	0.046199624
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,6,7,8-HxCDF	4A	72	63	9	305.1972917	ng/kg	18.7	ng/kg	Y	Y	0.061271841
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,6,7,8-HxCDF	4A	72	63	9	305.1972917	ng/kg	1.54	ng/kg	Y	Y	0.005045916
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,7,8,9-HxCDD	4A	72	57	15	14.60604861	ng/kg	0.82	ng/kg	N	Y	0.056141125
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,7,8,9-HxCDD	4A	72	57	15	14.60604861	ng/kg	0.485	ng/kg	N	Y	0.033205421
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,7,8,9-HxCDD	4A	72	57	15	14.60604861	ng/kg	1.27	ng/kg	Y	Y	0.086950279
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,7,8,9-HxCDF	4A	72	42	30	99.83848611	ng/kg	2.15	ng/kg	Y	Y	0.021534782
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,7,8,9-HxCDF	4A	72	42	30	99.83848611	ng/kg	1.51	ng/kg	Y	Y	0.015124428
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,7,8,9-HxCDF	4A	72	42	30	99.83848611	ng/kg	0.0565	ng/kg	N	Y	0.000565914
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,7,8-PeCDD	4A	72	37	35	12.04376389	ng/kg	3.02	ng/kg	Y	Y	0.250752176

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,7,8-PeCDD	4A	72	37	35	12.04376389	ng/kg	1.2	ng/kg	N	Y	0.099636626
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,7,8-PeCDD	4A	72	37	35	12.04376389	ng/kg	1.07	ng/kg	Y	Y	0.088842658
BIST021	LB093F2102	Gizzard shad	Whole Body	1,2,3,7,8-PeCDF	4A	72	64	8	228.4674861	ng/kg	104	ng/kg	Y	Y	0.455207005
BIST021	LB093F2103	Gizzard shad	Whole Body	1,2,3,7,8-PeCDF	4A	72	64	8	228.4674861	ng/kg	57.6	ng/kg	Y	Y	0.252114649
BIST021	LB093F2104	Gizzard shad	Whole Body	1,2,3,7,8-PeCDF	4A	72	64	8	228.4674861	ng/kg	3.87	ng/kg	Y	Y	0.016938953
BIST021	LB093F2102	Gizzard shad	Whole Body	2,3,4,6,7,8-HxCDF	4A	72	52	20	138.8772153	ng/kg	4.88	ng/kg	Y	Y	0.035138953
BIST021	LB093F2103	Gizzard shad	Whole Body	2,3,4,6,7,8-HxCDF	4A	72	52	20	138.8772153	ng/kg	3.49	ng/kg	Y	Y	0.025130112
BIST021	LB093F2104	Gizzard shad	Whole Body	2,3,4,6,7,8-HxCDF	4A	72	52	20	138.8772153	ng/kg	0.633	ng/kg	Y	Y	0.004557983
BIST021	LB093F2102	Gizzard shad	Whole Body	2,3,4,7,8-PeCDF	4A	72	61	11	176.7512778	ng/kg	52.1	ng/kg	Y	Y	0.294764489
BIST021	LB093F2103	Gizzard shad	Whole Body	2,3,4,7,8-PeCDF	4A	72	61	11	176.7512778	ng/kg	29	ng/kg	Y	Y	0.164072364
BIST021	LB093F2104	Gizzard shad	Whole Body	2,3,4,7,8-PeCDF	4A	72	61	11	176.7512778	ng/kg	2.43	ng/kg	Y	Y	0.013748133
BIST021	LB093F2102	Gizzard shad	Whole Body	2,3,7,8-TCDD	4A	72	41	31	4.285854167	ng/kg	1.44	ng/kg	Y	Y	0.335989034
BIST021	LB093F2103	Gizzard shad	Whole Body	2,3,7,8-TCDD	4A	72	41	31	4.285854167	ng/kg	1.28	ng/kg	Y	Y	0.298656919
BIST021	LB093F2104	Gizzard shad	Whole Body	2,3,7,8-TCDD	4A	72	41	31	4.285854167	ng/kg	0.78	ng/kg	Y	Y	0.18199406
BIST021	LB093F2102	Gizzard shad	Whole Body	2,3,7,8-TCDF	4A	72	69	3	143.1331806	ng/kg	158	ng/kg	Y	Y	1.103867038
BIST021	LB093F2103	Gizzard shad	Whole Body	2,3,7,8-TCDF	4A	72	69	3	143.1331806	ng/kg	92.9	ng/kg	Y	Y	0.649045872
BIST021	LB093F2104	Gizzard shad	Whole Body	2,3,7,8-TCDF	4A	72	69	3	143.1331806	ng/kg	14.7	ng/kg	Y	Y	0.102701553
BIST015	LB033F1510	Striped mullet	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST015	LB033F1511	Striped mullet	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST015	LB033F1512	Striped mullet	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST015	LB033F1513	Striped mullet	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST015	LB033F1514	Striped mullet	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2102	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2103	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2104	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2103	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2104	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2105	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2106	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2107	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB093F2108	Gizzard shad	Whole Body	2-Methylnaphthalene	4A	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST015	LB033F1510	Striped mullet	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST015	LB033F1511	Striped mullet	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	12	ug/kg	Y	Y	1.021218097
BIST015	LB033F1512	Striped mullet	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST015	LB033F1513	Striped mullet	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	8.5	ug/kg	N	Y	0.723362819
BIST015	LB033F1514	Striped mullet	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB093F2102	Gizzard shad	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB093F2103	Gizzard shad	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB093F2104	Gizzard shad	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB093F2105	Gizzard shad	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB093F2106	Gizzard shad	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB093F2107	Gizzard shad	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB093F2108	Gizzard shad	Whole Body	4,4'-DDD	4A	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST015	LB033F1510	Striped mullet	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	29	ug/kg	Y	Y	2.612545044
BIST015	LB033F1511	Striped mullet	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST015	LB033F1512	Striped mullet	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	20	ug/kg	Y	Y	1.801755203
BIST015	LB033F1513	Striped mullet	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	30	ug/kg	Y	Y	2.702632804
BIST015	LB033F1514	Striped mullet	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	22	ug/kg	Y	Y	1.981930723
BIST021	LB093F2102	Gizzard shad	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	25	ug/kg	Y	Y	2.252194003
BIST021	LB093F2103	Gizzard shad	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	12	ug/kg	Y	Y	1.081053122
BIST021	LB093F2104	Gizzard shad	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB093F2105	Gizzard shad	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	21	ug/kg	Y	Y	1.891842963
BIST021	LB093F2106	Gizzard shad	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	21	ug/kg	Y	Y	1.891842963
BIST021	LB093F2107	Gizzard shad	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB093F2108	Gizzard shad	Whole Body	4,4'-DDE	4A	209	49	160	11.10028708	ug/kg	24	ug/kg	Y	Y	2.162106243
BIST015	LB033F1510	Striped mullet	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1511	Striped mullet	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	83	ug/kg	Y	Y	9.482520725
BIST015	LB033F1512	Striped mullet	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST015	LB033F1513	Striped mullet	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	8.5	ug/kg	N	Y	0.97110152
BIST015	LB033F1514	Striped mullet	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB093F2102	Gizzard shad	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	180	ug/kg	Y	Y	20.56450278
BIST021	LB093F2103	Gizzard shad	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB093F2104	Gizzard shad	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB093F2105	Gizzard shad	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB093F2106	Gizzard shad	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB093F2107	Gizzard shad	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB093F2108	Gizzard shad	Whole Body	4,4'-DDT	4A	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST015	LB033F1510	Striped mullet	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST015	LB033F1511	Striped mullet	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST015	LB033F1512	Striped mullet	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST015	LB033F1513	Striped mullet	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST015	LB033F1514	Striped mullet	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB093F2102	Gizzard shad	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB093F2103	Gizzard shad	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB093F2104	Gizzard shad	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB093F2105	Gizzard shad	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB093F2106	Gizzard shad	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB093F2107	Gizzard shad	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	26	ug/kg	Y	Y	0.02411735
BIST021	LB093F2108	Gizzard shad	Whole Body	Acenaphthene	4A	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST015	LB033F1510	Striped mullet	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST015	LB033F1511	Striped mullet	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST015	LB033F1512	Striped mullet	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST015	LB033F1513	Striped mullet	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST015	LB033F1514	Striped mullet	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB093F2102	Gizzard shad	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB093F2103	Gizzard shad	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB093F2104	Gizzard shad	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB093F2105	Gizzard shad	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB093F2106	Gizzard shad	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB093F2107	Gizzard shad	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB093F2108	Gizzard shad	Whole Body	Acenaphthylene	4A	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST015	LB033F1510	Striped mullet	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	59	ug/kg	Y	Y	5.477947823
BIST015	LB033F1511	Striped mullet	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	56	ug/kg	Y	Y	5.199408103
BIST015	LB033F1512	Striped mullet	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST015	LB033F1513	Striped mullet	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	50	ug/kg	Y	Y	4.642328663
BIST015	LB033F1514	Striped mullet	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	19	ug/kg	Y	Y	1.764084892
BIST021	LB093F2102	Gizzard shad	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	50	ug/kg	Y	Y	4.642328663
BIST021	LB093F2103	Gizzard shad	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB093F2104	Gizzard shad	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	25	ug/kg	Y	Y	2.321164332
BIST021	LB093F2105	Gizzard shad	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB093F2106	Gizzard shad	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	14	ug/kg	Y	Y	1.299852026
BIST021	LB093F2107	Gizzard shad	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	20	ug/kg	Y	Y	1.856931465
BIST021	LB093F2108	Gizzard shad	Whole Body	Aldrin	4A	208	43	165	10.77045673	ug/kg	19	ug/kg	Y	Y	1.764084892
BIST015	LB033F1510	Striped mullet	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	46	ug/kg	Y	Y	5.614084499
BIST015	LB033F1511	Striped mullet	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	36	ug/kg	Y	Y	4.393631347
BIST015	LB033F1512	Striped mullet	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	26	ug/kg	Y	Y	3.173178195
BIST015	LB033F1513	Striped mullet	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST015	LB033F1514	Striped mullet	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB093F2102	Gizzard shad	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB093F2103	Gizzard shad	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2104	Gizzard shad	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB093F2105	Gizzard shad	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	21	ug/kg	Y	Y	2.562951619
BIST021	LB093F2106	Gizzard shad	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	14	ug/kg	Y	Y	1.708634413
BIST021	LB093F2107	Gizzard shad	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	42	ug/kg	Y	Y	5.125903238
BIST021	LB093F2108	Gizzard shad	Whole Body	alpha-Chlordane	4A	208	29	179	8.193677885	ug/kg	41	ug/kg	Y	Y	5.003857923
BIST015	LB033F1510	Striped mullet	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST015	LB033F1511	Striped mullet	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST015	LB033F1512	Striped mullet	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST015	LB033F1513	Striped mullet	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST015	LB033F1514	Striped mullet	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB093F2102	Gizzard shad	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB093F2103	Gizzard shad	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB093F2104	Gizzard shad	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB093F2105	Gizzard shad	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB093F2106	Gizzard shad	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB093F2107	Gizzard shad	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB093F2108	Gizzard shad	Whole Body	Anthracene	4A	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST015	LB033F1510	Striped mullet	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1511	Striped mullet	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1512	Striped mullet	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1514	Striped mullet	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	85	ug/kg	N	Y	1.370967742
BIST021	LB093F2102	Gizzard shad	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2103	Gizzard shad	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2104	Gizzard shad	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2105	Gizzard shad	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2106	Gizzard shad	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2107	Gizzard shad	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2108	Gizzard shad	Whole Body	Aroclor-1016	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1510	Striped mullet	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST015	LB033F1511	Striped mullet	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST015	LB033F1512	Striped mullet	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST015	LB033F1514	Striped mullet	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	85	ug/kg	N	Y	0.692106904
BIST021	LB093F2102	Gizzard shad	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB093F2103	Gizzard shad	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB093F2104	Gizzard shad	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB093F2105	Gizzard shad	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB093F2106	Gizzard shad	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB093F2107	Gizzard shad	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB093F2108	Gizzard shad	Whole Body	Aroclor-1221	4A	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST015	LB033F1510	Striped mullet	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1511	Striped mullet	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1512	Striped mullet	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1514	Striped mullet	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	85	ug/kg	N	Y	1.370967742
BIST021	LB093F2102	Gizzard shad	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2103	Gizzard shad	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2104	Gizzard shad	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2105	Gizzard shad	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2106	Gizzard shad	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2107	Gizzard shad	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2108	Gizzard shad	Whole Body	Aroclor-1232	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1510	Striped mullet	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1511	Striped mullet	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1512	Striped mullet	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1514	Striped mullet	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	85	ug/kg	N	Y	1.370967742

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2102	Gizzard shad	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2103	Gizzard shad	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2104	Gizzard shad	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2105	Gizzard shad	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2106	Gizzard shad	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2107	Gizzard shad	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2108	Gizzard shad	Whole Body	Aroclor-1242	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1510	Striped mullet	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1511	Striped mullet	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1512	Striped mullet	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1514	Striped mullet	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	85	ug/kg	N	Y	1.370967742
BIST021	LB093F2102	Gizzard shad	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2103	Gizzard shad	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2104	Gizzard shad	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2105	Gizzard shad	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2106	Gizzard shad	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2107	Gizzard shad	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB093F2108	Gizzard shad	Whole Body	Aroclor-1248	4A	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB033F1510	Striped mullet	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	2300	ug/kg	Y	Y	7.603791916
BIST015	LB033F1511	Striped mullet	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	5	ug/kg	N	Y	0.016529982
BIST015	LB033F1512	Striped mullet	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	1100	ug/kg	Y	Y	3.636596134
BIST015	LB033F1514	Striped mullet	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	890	ug/kg	Y	Y	2.942336872
BIST021	LB093F2102	Gizzard shad	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	2300	ug/kg	Y	Y	7.603791916
BIST021	LB093F2103	Gizzard shad	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	470	ug/kg	Y	Y	1.553818348
BIST021	LB093F2104	Gizzard shad	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	600	ug/kg	Y	Y	1.983597891
BIST021	LB093F2105	Gizzard shad	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	1200	ug/kg	Y	Y	3.967195782
BIST021	LB093F2106	Gizzard shad	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	1200	ug/kg	Y	Y	3.967195782
BIST021	LB093F2107	Gizzard shad	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	440	ug/kg	Y	Y	1.454638453
BIST021	LB093F2108	Gizzard shad	Whole Body	Aroclor-1254	4A	212	101	111	302.4806604	ug/kg	1600	ug/kg	Y	Y	5.289594376
BIST015	LB033F1510	Striped mullet	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	1700	ug/kg	Y	Y	26.73237529
BIST015	LB033F1511	Striped mullet	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	610	ug/kg	Y	Y	9.592205252
BIST015	LB033F1512	Striped mullet	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	720	ug/kg	Y	Y	11.32194718
BIST015	LB033F1514	Striped mullet	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	380	ug/kg	Y	Y	5.975472124
BIST021	LB093F2102	Gizzard shad	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	2000	ug/kg	Y	Y	31.44985328
BIST021	LB093F2103	Gizzard shad	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	310	ug/kg	Y	Y	4.874727259
BIST021	LB093F2104	Gizzard shad	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	320	ug/kg	Y	Y	5.031976525
BIST021	LB093F2105	Gizzard shad	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	770	ug/kg	Y	Y	12.10819351
BIST021	LB093F2106	Gizzard shad	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	770	ug/kg	Y	Y	12.10819351
BIST021	LB093F2107	Gizzard shad	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	240	ug/kg	Y	Y	3.773982394
BIST021	LB093F2108	Gizzard shad	Whole Body	Aroclor-1260	4A	209	5	204	63.59330144	ug/kg	1200	ug/kg	Y	Y	18.86991197
BIST015	LB033F1510	Striped mullet	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.39	mg/kg	Y	Y	0.109603621
BIST015	LB033F1511	Striped mullet	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.46	mg/kg	Y	Y	0.129276066
BIST015	LB033F1512	Striped mullet	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.38	mg/kg	Y	Y	0.106793272
BIST015	LB033F1513	Striped mullet	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.39	mg/kg	Y	Y	0.109603621
BIST015	LB033F1514	Striped mullet	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.38	mg/kg	Y	Y	0.106793272
BIST021	LB093F2102	Gizzard shad	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.31	mg/kg	Y	Y	0.087120827
BIST021	LB093F2103	Gizzard shad	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.2	mg/kg	Y	Y	0.056206985
BIST021	LB093F2104	Gizzard shad	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.32	mg/kg	Y	Y	0.089931176
BIST021	LB093F2105	Gizzard shad	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.2	mg/kg	Y	Y	0.056206985
BIST021	LB093F2106	Gizzard shad	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.18	mg/kg	Y	Y	0.050586287
BIST021	LB093F2107	Gizzard shad	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.46	mg/kg	Y	Y	0.129276066
BIST021	LB093F2108	Gizzard shad	Whole Body	Arsenic	4A	235	218	17	3.558276596	mg/kg	0.26	mg/kg	Y	Y	0.073069081
BIST015	LB033F1510	Striped mullet	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST015	LB033F1511	Striped mullet	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1512	Striped mullet	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST015	LB033F1513	Striped mullet	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST015	LB033F1514	Striped mullet	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB093F2102	Gizzard shad	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB093F2103	Gizzard shad	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB093F2104	Gizzard shad	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB093F2105	Gizzard shad	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB093F2106	Gizzard shad	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB093F2107	Gizzard shad	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB093F2108	Gizzard shad	Whole Body	Benzo(a)anthracene	4A	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST015	LB033F1510	Striped mullet	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST015	LB033F1511	Striped mullet	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST015	LB033F1512	Striped mullet	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST015	LB033F1513	Striped mullet	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB093F2102	Gizzard shad	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB093F2104	Gizzard shad	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB093F2105	Gizzard shad	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB093F2106	Gizzard shad	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB093F2107	Gizzard shad	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB093F2108	Gizzard shad	Whole Body	Benzo(a)pyrene	4A	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST015	LB033F1510	Striped mullet	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST015	LB033F1511	Striped mullet	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST015	LB033F1512	Striped mullet	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST015	LB033F1513	Striped mullet	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB093F2102	Gizzard shad	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB093F2104	Gizzard shad	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB093F2105	Gizzard shad	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB093F2106	Gizzard shad	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB093F2107	Gizzard shad	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB093F2108	Gizzard shad	Whole Body	Benzo(b)fluoranthene	4A	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST015	LB033F1510	Striped mullet	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST015	LB033F1511	Striped mullet	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST015	LB033F1512	Striped mullet	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST015	LB033F1513	Striped mullet	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB093F2102	Gizzard shad	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB093F2104	Gizzard shad	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB093F2105	Gizzard shad	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB093F2106	Gizzard shad	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB093F2107	Gizzard shad	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB093F2108	Gizzard shad	Whole Body	Benzo(g,h,i)perylene	4A	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST015	LB033F1510	Striped mullet	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST015	LB033F1511	Striped mullet	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST015	LB033F1512	Striped mullet	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST015	LB033F1513	Striped mullet	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB093F2102	Gizzard shad	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB093F2104	Gizzard shad	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB093F2105	Gizzard shad	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB093F2106	Gizzard shad	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB093F2107	Gizzard shad	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB093F2108	Gizzard shad	Whole Body	Benzo(k)fluoranthene	4A	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST015	LB033F1510	Striped mullet	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	260	ug/kg	Y	Y	9.929889299
BIST015	LB033F1511	Striped mullet	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	300	ug/kg	Y	Y	11.45756458
BIST015	LB033F1512	Striped mullet	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	120	ug/kg	Y	Y	4.58302583
BIST015	LB033F1513	Striped mullet	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	170	ug/kg	Y	Y	6.492619926

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1514	Striped mullet	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	63	ug/kg	Y	Y	2.406088561
BIST021	LB093F2102	Gizzard shad	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	220	ug/kg	Y	Y	8.402214022
BIST021	LB093F2103	Gizzard shad	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	110	ug/kg	Y	Y	4.201107011
BIST021	LB093F2104	Gizzard shad	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	86	ug/kg	Y	Y	3.284501845
BIST021	LB093F2105	Gizzard shad	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	96	ug/kg	Y	Y	3.666420664
BIST021	LB093F2106	Gizzard shad	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	190	ug/kg	Y	Y	7.256457565
BIST021	LB093F2107	Gizzard shad	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	120	ug/kg	Y	Y	4.58302583
BIST021	LB093F2108	Gizzard shad	Whole Body	beta-BHC	4A	207	71	136	26.18357488	ug/kg	120	ug/kg	Y	Y	4.58302583
BIST015	LB033F1510	Striped mullet	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST015	LB033F1511	Striped mullet	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST015	LB033F1512	Striped mullet	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST015	LB033F1513	Striped mullet	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST015	LB033F1514	Striped mullet	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.004	mg/kg	Y	Y	0.009692388
BIST021	LB093F2102	Gizzard shad	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.002	mg/kg	N	Y	0.004846194
BIST021	LB093F2103	Gizzard shad	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.0025	mg/kg	N	Y	0.006057743
BIST021	LB093F2104	Gizzard shad	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.0025	mg/kg	N	Y	0.006057743
BIST021	LB093F2105	Gizzard shad	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB093F2106	Gizzard shad	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.002	mg/kg	N	Y	0.004846194
BIST021	LB093F2107	Gizzard shad	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST021	LB093F2108	Gizzard shad	Whole Body	Cadmium	4A	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST015	LB033F1510	Striped mullet	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.3	mg/kg	Y	Y	0.003728679
BIST015	LB033F1511	Striped mullet	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.33	mg/kg	Y	Y	0.004101547
BIST015	LB033F1512	Striped mullet	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	1.4	mg/kg	Y	Y	0.017400502
BIST015	LB033F1513	Striped mullet	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.34	mg/kg	Y	Y	0.004225836
BIST015	LB033F1514	Striped mullet	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.23	mg/kg	Y	Y	0.002858654
BIST021	LB093F2102	Gizzard shad	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.11	mg/kg	Y	Y	0.001367182
BIST021	LB093F2103	Gizzard shad	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.48	mg/kg	Y	Y	0.005965887
BIST021	LB093F2104	Gizzard shad	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.18	mg/kg	Y	Y	0.002237207
BIST021	LB093F2105	Gizzard shad	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.3	mg/kg	Y	Y	0.003728679
BIST021	LB093F2106	Gizzard shad	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.19	mg/kg	Y	Y	0.002361497
BIST021	LB093F2107	Gizzard shad	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.28	mg/kg	Y	Y	0.0034801
BIST021	LB093F2108	Gizzard shad	Whole Body	Chromium	4A	235	235	0	80.45744681	mg/kg	0.57	mg/kg	Y	Y	0.00708449
BIST015	LB033F1510	Striped mullet	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST015	LB033F1511	Striped mullet	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST015	LB033F1512	Striped mullet	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST015	LB033F1513	Striped mullet	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST015	LB033F1514	Striped mullet	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB093F2102	Gizzard shad	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB093F2103	Gizzard shad	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB093F2104	Gizzard shad	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB093F2105	Gizzard shad	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB093F2106	Gizzard shad	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB093F2107	Gizzard shad	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB093F2108	Gizzard shad	Whole Body	Chrysene	4A	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST015	LB033F1510	Striped mullet	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	25.5	mg/kg	Y	Y	0.255252622
BIST015	LB033F1511	Striped mullet	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	19	mg/kg	Y	Y	0.190188228
BIST015	LB033F1512	Striped mullet	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	12.4	mg/kg	Y	Y	0.124122844
BIST015	LB033F1513	Striped mullet	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	19.3	mg/kg	Y	Y	0.1931912
BIST015	LB033F1514	Striped mullet	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	1.9	mg/kg	Y	Y	0.019018823
BIST021	LB093F2102	Gizzard shad	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	0.6	mg/kg	Y	Y	0.006005944
BIST021	LB093F2103	Gizzard shad	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	2.3	mg/kg	Y	Y	0.023022786
BIST021	LB093F2104	Gizzard shad	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	0.5	mg/kg	Y	Y	0.005004953
BIST021	LB093F2105	Gizzard shad	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	0.99	mg/kg	Y	Y	0.009909808
BIST021	LB093F2106	Gizzard shad	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	0.93	mg/kg	Y	Y	0.009309213

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2107	Gizzard shad	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	0.61	mg/kg	Y	Y	0.006106043
BIST021	LB093F2108	Gizzard shad	Whole Body	Copper	4A	262	260	2	99.90103053	mg/kg	1.9	mg/kg	Y	Y	0.019018823
BIST015	LB033F1510	Striped mullet	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST015	LB033F1511	Striped mullet	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST015	LB033F1512	Striped mullet	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST015	LB033F1513	Striped mullet	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST015	LB033F1514	Striped mullet	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB093F2102	Gizzard shad	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB093F2103	Gizzard shad	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB093F2104	Gizzard shad	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB093F2105	Gizzard shad	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB093F2106	Gizzard shad	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB093F2107	Gizzard shad	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB093F2108	Gizzard shad	Whole Body	delta-BHC	4A	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST015	LB033F1510	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST015	LB033F1511	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST015	LB033F1512	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST015	LB033F1513	Striped mullet	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB093F2102	Gizzard shad	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB093F2104	Gizzard shad	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB093F2105	Gizzard shad	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB093F2106	Gizzard shad	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB093F2107	Gizzard shad	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB093F2108	Gizzard shad	Whole Body	Dibenzo(a,h)anthracene	4A	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST015	LB033F1510	Striped mullet	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST015	LB033F1511	Striped mullet	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST015	LB033F1512	Striped mullet	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST015	LB033F1513	Striped mullet	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST015	LB033F1514	Striped mullet	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB093F2102	Gizzard shad	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	18	ug/kg	Y	Y	2.242794886
BIST021	LB093F2103	Gizzard shad	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB093F2104	Gizzard shad	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB093F2105	Gizzard shad	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB093F2106	Gizzard shad	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	12	ug/kg	Y	Y	1.495196591
BIST021	LB093F2107	Gizzard shad	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB093F2108	Gizzard shad	Whole Body	Endosulfan I	4A	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST015	LB033F1510	Striped mullet	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	25	ug/kg	Y	Y	2.557260396
BIST015	LB033F1511	Striped mullet	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	17	ug/kg	Y	Y	1.738937069
BIST015	LB033F1512	Striped mullet	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	15	ug/kg	Y	Y	1.534356237
BIST015	LB033F1513	Striped mullet	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	28	ug/kg	Y	Y	2.864131643
BIST015	LB033F1514	Striped mullet	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB093F2102	Gizzard shad	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	30	ug/kg	Y	Y	3.068712475
BIST021	LB093F2103	Gizzard shad	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB093F2104	Gizzard shad	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB093F2105	Gizzard shad	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	16	ug/kg	Y	Y	1.636646653
BIST021	LB093F2106	Gizzard shad	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB093F2107	Gizzard shad	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB093F2108	Gizzard shad	Whole Body	Endosulfan II	4A	207	14	193	9.776086957	ug/kg	19	ug/kg	Y	Y	1.943517901
BIST015	LB033F1510	Striped mullet	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST015	LB033F1511	Striped mullet	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST015	LB033F1512	Striped mullet	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST015	LB033F1513	Striped mullet	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	8.5	ug/kg	N	Y	0.794130789
BIST015	LB033F1514	Striped mullet	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB093F2102	Gizzard shad	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2103	Gizzard shad	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	10	ug/kg	Y	Y	0.934271516
BIST021	LB093F2104	Gizzard shad	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	24	ug/kg	Y	Y	2.242251639
BIST021	LB093F2105	Gizzard shad	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB093F2106	Gizzard shad	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB093F2107	Gizzard shad	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	10	ug/kg	Y	Y	0.934271516
BIST021	LB093F2108	Gizzard shad	Whole Body	Endrin	4A	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST015	LB033F1510	Striped mullet	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST015	LB033F1511	Striped mullet	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST015	LB033F1512	Striped mullet	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST015	LB033F1513	Striped mullet	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST015	LB033F1514	Striped mullet	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB093F2102	Gizzard shad	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB093F2103	Gizzard shad	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB093F2104	Gizzard shad	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB093F2105	Gizzard shad	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB093F2106	Gizzard shad	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB093F2107	Gizzard shad	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB093F2108	Gizzard shad	Whole Body	Fluoranthene	4A	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST015	LB033F1510	Striped mullet	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST015	LB033F1511	Striped mullet	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST015	LB033F1512	Striped mullet	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST015	LB033F1513	Striped mullet	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST015	LB033F1514	Striped mullet	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB093F2102	Gizzard shad	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB093F2103	Gizzard shad	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB093F2104	Gizzard shad	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB093F2105	Gizzard shad	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB093F2106	Gizzard shad	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB093F2107	Gizzard shad	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB093F2108	Gizzard shad	Whole Body	Fluorene	4A	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST015	LB033F1510	Striped mullet	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST015	LB033F1511	Striped mullet	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST015	LB033F1512	Striped mullet	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST015	LB033F1513	Striped mullet	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST015	LB033F1514	Striped mullet	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB093F2102	Gizzard shad	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB093F2103	Gizzard shad	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB093F2104	Gizzard shad	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB093F2105	Gizzard shad	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB093F2106	Gizzard shad	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB093F2107	Gizzard shad	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB093F2108	Gizzard shad	Whole Body	gamma-BHC (Lindane)	4A	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST015	LB033F1510	Striped mullet	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	33	ug/kg	Y	Y	3.728691437
BIST015	LB033F1511	Striped mullet	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	56	ug/kg	Y	Y	6.327476378
BIST015	LB033F1512	Striped mullet	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	20	ug/kg	Y	Y	2.259812992
BIST015	LB033F1513	Striped mullet	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	33	ug/kg	Y	Y	3.728691437
BIST015	LB033F1514	Striped mullet	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB093F2102	Gizzard shad	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	28	ug/kg	Y	Y	3.163738189
BIST021	LB093F2103	Gizzard shad	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	10	ug/kg	Y	Y	1.129906496
BIST021	LB093F2104	Gizzard shad	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	39	ug/kg	Y	Y	4.406635335
BIST021	LB093F2105	Gizzard shad	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB093F2106	Gizzard shad	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	37	ug/kg	Y	Y	4.180654036
BIST021	LB093F2107	Gizzard shad	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	21	ug/kg	Y	Y	2.372803642
BIST021	LB093F2108	Gizzard shad	Whole Body	gamma-Chlordane	4A	207	38	169	8.850289855	ug/kg	15	ug/kg	Y	Y	1.694859744

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1510	Striped mullet	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST015	LB033F1511	Striped mullet	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST015	LB033F1512	Striped mullet	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST015	LB033F1513	Striped mullet	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST015	LB033F1514	Striped mullet	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB093F2102	Gizzard shad	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB093F2103	Gizzard shad	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB093F2104	Gizzard shad	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB093F2105	Gizzard shad	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB093F2106	Gizzard shad	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB093F2107	Gizzard shad	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB093F2108	Gizzard shad	Whole Body	Heptachlor	4A	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST015	LB033F1510	Striped mullet	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST015	LB033F1511	Striped mullet	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST015	LB033F1512	Striped mullet	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST015	LB033F1513	Striped mullet	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST015	LB033F1514	Striped mullet	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB093F2102	Gizzard shad	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB093F2103	Gizzard shad	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB093F2104	Gizzard shad	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	30	ug/kg	Y	Y	3.784808352
BIST021	LB093F2105	Gizzard shad	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB093F2106	Gizzard shad	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB093F2107	Gizzard shad	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB093F2108	Gizzard shad	Whole Body	Heptachlor Epoxide	4A	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST015	LB033F1510	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	130	ug/kg	Y	Y	0.130826874
BIST015	LB033F1511	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	380	ug/kg	Y	Y	0.382417017
BIST015	LB033F1512	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	100	ug/kg	Y	Y	0.100636057
BIST015	LB033F1513	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST015	LB033F1514	Striped mullet	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	52	ug/kg	Y	Y	0.05233075
BIST021	LB093F2102	Gizzard shad	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	120	ug/kg	Y	Y	0.120763269
BIST021	LB093F2103	Gizzard shad	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB093F2104	Gizzard shad	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB093F2105	Gizzard shad	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	70	ug/kg	Y	Y	0.07044524
BIST021	LB093F2106	Gizzard shad	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB093F2107	Gizzard shad	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	36	ug/kg	Y	Y	0.036228981
BIST021	LB093F2108	Gizzard shad	Whole Body	Hexachloro-1,3-butadiene	4A	270	15	255	993.6796296	ug/kg	130	ug/kg	Y	Y	0.130826874
BIST015	LB033F1510	Striped mullet	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	230	ug/kg	Y	Y	0.199208809
BIST015	LB033F1511	Striped mullet	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST015	LB033F1512	Striped mullet	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST015	LB033F1513	Striped mullet	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST015	LB033F1514	Striped mullet	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB093F2102	Gizzard shad	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB093F2103	Gizzard shad	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB093F2104	Gizzard shad	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB093F2105	Gizzard shad	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB093F2106	Gizzard shad	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB093F2107	Gizzard shad	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB093F2108	Gizzard shad	Whole Body	Hexachlorobenzene	4A	267	23	244	1154.567416	ug/kg	280	ug/kg	Y	Y	0.242515072
BIST015	LB033F1510	Striped mullet	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST015	LB033F1511	Striped mullet	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST015	LB033F1512	Striped mullet	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST015	LB033F1513	Striped mullet	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST015	LB033F1514	Striped mullet	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB093F2102	Gizzard shad	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2103	Gizzard shad	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB093F2104	Gizzard shad	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB093F2105	Gizzard shad	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB093F2106	Gizzard shad	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB093F2107	Gizzard shad	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB093F2108	Gizzard shad	Whole Body	Hexachloroethane	4A	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST015	LB033F1510	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST015	LB033F1511	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST015	LB033F1512	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST015	LB033F1513	Striped mullet	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB093F2102	Gizzard shad	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB093F2104	Gizzard shad	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB093F2105	Gizzard shad	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB093F2106	Gizzard shad	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB093F2107	Gizzard shad	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB093F2108	Gizzard shad	Whole Body	Indeno(1,2,3-cd)pyrene	4A	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST015	LB033F1510	Striped mullet	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.66	mg/kg	Y	Y	0.009583825
BIST015	LB033F1511	Striped mullet	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	1.2	mg/kg	Y	Y	0.017425137
BIST015	LB033F1512	Striped mullet	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	1.1	mg/kg	Y	Y	0.015973042
BIST015	LB033F1513	Striped mullet	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	2.9	mg/kg	Y	Y	0.042110747
BIST015	LB033F1514	Striped mullet	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.18	mg/kg	Y	Y	0.002613771
BIST021	LB093F2102	Gizzard shad	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.09	mg/kg	Y	Y	0.001306885
BIST021	LB093F2103	Gizzard shad	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.58	mg/kg	Y	Y	0.008422149
BIST021	LB093F2104	Gizzard shad	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.06	mg/kg	Y	Y	0.000871257
BIST021	LB093F2105	Gizzard shad	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.19	mg/kg	Y	Y	0.00275898
BIST021	LB093F2106	Gizzard shad	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.29	mg/kg	Y	Y	0.004211075
BIST021	LB093F2107	Gizzard shad	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	0.07	mg/kg	Y	Y	0.001016466
BIST021	LB093F2108	Gizzard shad	Whole Body	Lead	4A	262	247	15	68.86603053	mg/kg	1.3	mg/kg	Y	Y	0.018877231
BIST015	LB033F1510	Striped mullet	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.095	mg/kg	Y	Y	0.04816498
BIST015	LB033F1511	Striped mullet	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.078	mg/kg	Y	Y	0.039545984
BIST015	LB033F1512	Striped mullet	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.185	mg/kg	Y	Y	0.093794961
BIST015	LB033F1513	Striped mullet	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.049	mg/kg	Y	Y	0.02484299
BIST015	LB033F1514	Striped mullet	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.071	mg/kg	Y	Y	0.035996985
BIST021	LB093F2102	Gizzard shad	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.078	mg/kg	Y	Y	0.039545984
BIST021	LB093F2103	Gizzard shad	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.109	mg/kg	Y	Y	0.055262977
BIST021	LB093F2104	Gizzard shad	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.052	mg/kg	Y	Y	0.026363989
BIST021	LB093F2105	Gizzard shad	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.074	mg/kg	Y	Y	0.037517984
BIST021	LB093F2106	Gizzard shad	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.1	mg/kg	Y	Y	0.050699979
BIST021	LB093F2107	Gizzard shad	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.08	mg/kg	Y	Y	0.040559983
BIST021	LB093F2108	Gizzard shad	Whole Body	Mercury	4A	262	225	37	1.972387405	mg/kg	0.067	mg/kg	Y	Y	0.033968986
BIST015	LB033F1510	Striped mullet	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST015	LB033F1511	Striped mullet	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST015	LB033F1512	Striped mullet	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	21	ug/kg	N	Y	0.648076159
BIST015	LB033F1513	Striped mullet	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	41.5	ug/kg	N	Y	1.280721933
BIST015	LB033F1514	Striped mullet	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB093F2102	Gizzard shad	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	13	ug/kg	Y	Y	0.401190003
BIST021	LB093F2103	Gizzard shad	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB093F2104	Gizzard shad	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB093F2105	Gizzard shad	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	21	ug/kg	N	Y	0.648076159
BIST021	LB093F2106	Gizzard shad	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB093F2107	Gizzard shad	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB093F2108	Gizzard shad	Whole Body	Methoxychlor	4A	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST015	LB033F1510	Striped mullet	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.13	mg/kg	Y	Y	0.006388674
BIST015	LB033F1511	Striped mullet	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.13	mg/kg	Y	Y	0.006388674

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST015	LB033F1512	Striped mullet	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.67	mg/kg	Y	Y	0.032926241
BIST015	LB033F1513	Striped mullet	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.32	mg/kg	Y	Y	0.015725966
BIST015	LB033F1514	Striped mullet	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.07	mg/kg	Y	Y	0.003440055
BIST021	LB093F2102	Gizzard shad	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.07	mg/kg	Y	Y	0.003440055
BIST021	LB093F2103	Gizzard shad	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.25	mg/kg	Y	Y	0.012285911
BIST021	LB093F2104	Gizzard shad	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.12	mg/kg	Y	Y	0.005897237
BIST021	LB093F2105	Gizzard shad	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.18	mg/kg	Y	Y	0.008845856
BIST021	LB093F2106	Gizzard shad	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.1	mg/kg	Y	Y	0.004914364
BIST021	LB093F2107	Gizzard shad	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.06	mg/kg	Y	Y	0.002948619
BIST021	LB093F2108	Gizzard shad	Whole Body	Nickel	4A	262	250	12	20.34851145	mg/kg	0.29	mg/kg	Y	Y	0.014251657
BIST021	LB093F2102	Gizzard shad	Whole Body	OCDD	4A	72	72	0	4430.361111	ng/kg	171	ng/kg	Y	Y	0.038597305
BIST021	LB093F2103	Gizzard shad	Whole Body	OCDD	4A	72	72	0	4430.361111	ng/kg	22.4	ng/kg	Y	Y	0.005056021
BIST021	LB093F2104	Gizzard shad	Whole Body	OCDD	4A	72	72	0	4430.361111	ng/kg	25	ng/kg	Y	Y	0.005642881
BIST021	LB093F2102	Gizzard shad	Whole Body	OCDF	4A	72	70	2	17617.73472	ng/kg	8.57	ng/kg	Y	Y	0.000486442
BIST021	LB093F2103	Gizzard shad	Whole Body	OCDF	4A	72	70	2	17617.73472	ng/kg	16.8	ng/kg	Y	Y	0.000953585
BIST021	LB093F2104	Gizzard shad	Whole Body	OCDF	4A	72	70	2	17617.73472	ng/kg	0.539	ng/kg	Y	Y	3.05942E-05
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-105	4A	44	44	0	54855.38455	ng/kg	22100	ng/kg	Y	Y	0.402877497
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-105	4A	44	44	0	54855.38455	ng/kg	22400	ng/kg	Y	Y	0.408346422
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-105	4A	44	44	0	54855.38455	ng/kg	4730	ng/kg	Y	Y	0.086226722
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-114	4A	44	43	1	4189.614705	ng/kg	1470	ng/kg	Y	Y	0.350867587
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-114	4A	44	43	1	4189.614705	ng/kg	1560	ng/kg	Y	Y	0.372349276
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-114	4A	44	43	1	4189.614705	ng/kg	334	ng/kg	Y	Y	0.079720935
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-118	4A	17	17	0	31049.41176	ng/kg	88500	ng/kg	Y	Y	2.850295544
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-118	4A	17	17	0	31049.41176	ng/kg	96900	ng/kg	Y	Y	3.12083207
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-118	4A	17	17	0	31049.41176	ng/kg	20500	ng/kg	Y	Y	0.660237951
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-126	4A	44	41	3	1597.883523	ng/kg	842	ng/kg	Y	Y	0.526947045
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-126	4A	44	41	3	1597.883523	ng/kg	787	ng/kg	Y	Y	0.492526513
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-126	4A	44	41	3	1597.883523	ng/kg	80.9	ng/kg	Y	Y	0.050629473
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-156	4A	44	44	0	19353.21886	ng/kg	13600	ng/kg	Y	Y	0.702725479
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-156	4A	44	44	0	19353.21886	ng/kg	10400	ng/kg	Y	Y	0.537378308
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-156	4A	44	44	0	19353.21886	ng/kg	2160	ng/kg	Y	Y	0.111609341
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-157	4A	44	43	1	4872.01125	ng/kg	3290	ng/kg	Y	Y	0.675285797
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-157	4A	44	43	1	4872.01125	ng/kg	2730	ng/kg	Y	Y	0.560343534
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-157	4A	44	43	1	4872.01125	ng/kg	630	ng/kg	Y	Y	0.129310046
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-167	4A	44	44	0	9466.621591	ng/kg	8410	ng/kg	Y	Y	0.888384512
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-167	4A	44	44	0	9466.621591	ng/kg	7240	ng/kg	Y	Y	0.764792374
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-167	4A	44	44	0	9466.621591	ng/kg	1520	ng/kg	Y	Y	0.160564145
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-169	4A	44	26	18	119.4723864	ng/kg	11	ng/kg	N	Y	0.092071485
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-169	4A	44	26	18	119.4723864	ng/kg	9.95	ng/kg	N	Y	0.083282843
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-169	4A	44	26	18	119.4723864	ng/kg	10.15	ng/kg	N	Y	0.08495687
BIST021	LB093F2102	Gizzard shad	Whole Body	PCB-189	4A	44	44	0	2453.559091	ng/kg	2860	ng/kg	Y	Y	1.165653605
BIST021	LB093F2103	Gizzard shad	Whole Body	PCB-189	4A	44	44	0	2453.559091	ng/kg	2080	ng/kg	Y	Y	0.847748077
BIST021	LB093F2104	Gizzard shad	Whole Body	PCB-189	4A	44	44	0	2453.559091	ng/kg	398	ng/kg	Y	Y	0.162213334
BIST015	LB033F1510	Striped mullet	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST015	LB033F1511	Striped mullet	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST015	LB033F1512	Striped mullet	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST015	LB033F1513	Striped mullet	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST015	LB033F1514	Striped mullet	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST021	LB093F2102	Gizzard shad	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST021	LB093F2103	Gizzard shad	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST021	LB093F2104	Gizzard shad	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST021	LB093F2105	Gizzard shad	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST021	LB093F2106	Gizzard shad	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST021	LB093F2107	Gizzard shad	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2108	Gizzard shad	Whole Body	Pentachlorophenol	4A	242	0	242	2739.442149	ug/kg	60	ug/kg	N	Y	0.021902269
BIST015	LB033F1510	Striped mullet	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST015	LB033F1511	Striped mullet	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST015	LB033F1512	Striped mullet	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST015	LB033F1513	Striped mullet	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST015	LB033F1514	Striped mullet	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB093F2102	Gizzard shad	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB093F2103	Gizzard shad	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB093F2104	Gizzard shad	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB093F2105	Gizzard shad	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB093F2106	Gizzard shad	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB093F2107	Gizzard shad	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB093F2108	Gizzard shad	Whole Body	Phenanthrene	4A	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST015	LB033F1510	Striped mullet	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST015	LB033F1511	Striped mullet	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST015	LB033F1512	Striped mullet	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST015	LB033F1513	Striped mullet	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST015	LB033F1514	Striped mullet	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB093F2102	Gizzard shad	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB093F2103	Gizzard shad	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB093F2104	Gizzard shad	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB093F2105	Gizzard shad	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB093F2106	Gizzard shad	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB093F2107	Gizzard shad	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB093F2108	Gizzard shad	Whole Body	Pyrene	4A	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST015	LB033F1510	Striped mullet	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.77	mg/kg	Y	Y	0.77705967
BIST015	LB033F1511	Striped mullet	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.52	mg/kg	Y	Y	0.524767569
BIST015	LB033F1512	Striped mullet	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.33	mg/kg	Y	Y	0.333025573
BIST015	LB033F1513	Striped mullet	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.47	mg/kg	Y	Y	0.474309149
BIST015	LB033F1514	Striped mullet	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.29	mg/kg	Y	Y	0.292658837
BIST021	LB093F2102	Gizzard shad	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.51	mg/kg	Y	Y	0.514675885
BIST021	LB093F2103	Gizzard shad	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.34	mg/kg	Y	Y	0.343117257
BIST021	LB093F2104	Gizzard shad	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.35	mg/kg	Y	Y	0.353208941
BIST021	LB093F2105	Gizzard shad	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.36	mg/kg	Y	Y	0.363300625
BIST021	LB093F2106	Gizzard shad	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.45	mg/kg	Y	Y	0.454125781
BIST021	LB093F2107	Gizzard shad	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.43	mg/kg	Y	Y	0.433942413
BIST021	LB093F2108	Gizzard shad	Whole Body	Selenium	4A	235	38	197	0.990914894	mg/kg	0.48	mg/kg	Y	Y	0.484400833
BIST015	LB033F1510	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	79	ug/kg	Y	Y	4.638361895
BIST015	LB033F1511	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	92	ug/kg	Y	Y	5.401636637
BIST015	LB033F1512	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	46	ug/kg	Y	Y	2.700818319
BIST015	LB033F1513	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	38	ug/kg	Y	Y	2.231110785
BIST015	LB033F1514	Striped mullet	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB093F2102	Gizzard shad	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	33	ug/kg	Y	Y	1.937543576
BIST021	LB093F2103	Gizzard shad	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	15	ug/kg	Y	Y	0.880701626
BIST021	LB093F2104	Gizzard shad	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	44	ug/kg	Y	Y	2.583391435
BIST021	LB093F2105	Gizzard shad	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	26	ug/kg	Y	Y	1.526549484
BIST021	LB093F2106	Gizzard shad	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	51	ug/kg	Y	Y	2.994385527
BIST021	LB093F2107	Gizzard shad	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	63	ug/kg	Y	Y	3.698946828
BIST021	LB093F2108	Gizzard shad	Whole Body	Total Chlordane (U=1/2; max ND)	4A	208	56	152	17.031875	ug/kg	56	ug/kg	Y	Y	3.287952736
BIST015	LB033F1510	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	39	ug/kg	Y	Y	1.509106293
BIST015	LB033F1511	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	100	ug/kg	Y	Y	3.869503315
BIST015	LB033F1512	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	30	ug/kg	Y	Y	1.160850994
BIST015	LB033F1513	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	47	ug/kg	Y	Y	1.818666558
BIST015	LB033F1514	Striped mullet	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	32	ug/kg	Y	Y	1.238241061

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2102	Gizzard shad	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	210	ug/kg	Y	Y	8.125956961
BIST021	LB093F2103	Gizzard shad	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	22	ug/kg	Y	Y	0.851290729
BIST021	LB093F2104	Gizzard shad	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB093F2105	Gizzard shad	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	31	ug/kg	Y	Y	1.199546028
BIST021	LB093F2106	Gizzard shad	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	31	ug/kg	Y	Y	1.199546028
BIST021	LB093F2107	Gizzard shad	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB093F2108	Gizzard shad	Whole Body	Total DDT (U=1/2; max ND)	4A	209	71	138	25.84311005	ug/kg	34	ug/kg	Y	Y	1.315631127
BIST021	LB093F2102	Gizzard shad	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4A	52	52	0	202.2772923	ng/kg	44.889971	ng/kg	Y	Y	0.221922938
BIST021	LB093F2103	Gizzard shad	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4A	52	52	0	202.2772923	ng/kg	27.94556	ng/kg	Y	Y	0.138154707
BIST021	LB093F2104	Gizzard shad	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4A	52	52	0	202.2772923	ng/kg	4.9825917	ng/kg	Y	Y	0.024632482
BIST015	LB033F1510	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST015	LB033F1511	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST015	LB033F1512	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST015	LB033F1513	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST015	LB033F1514	Striped mullet	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB093F2102	Gizzard shad	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB093F2103	Gizzard shad	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB093F2104	Gizzard shad	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB093F2105	Gizzard shad	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB093F2106	Gizzard shad	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB093F2107	Gizzard shad	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB093F2108	Gizzard shad	Whole Body	Total HPAH (U=1/2; max ND)	4A	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST015	LB033F1510	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST015	LB033F1511	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST015	LB033F1512	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST015	LB033F1513	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST015	LB033F1514	Striped mullet	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB093F2102	Gizzard shad	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB093F2103	Gizzard shad	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB093F2104	Gizzard shad	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB093F2105	Gizzard shad	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB093F2106	Gizzard shad	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB093F2107	Gizzard shad	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	201	ug/kg	Y	Y	0.042807001
BIST021	LB093F2108	Gizzard shad	Whole Body	Total LPAH (U=1/2; max ND)	4A	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST015	LB033F1510	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST015	LB033F1511	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST015	LB033F1512	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST015	LB033F1513	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST015	LB033F1514	Striped mullet	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB093F2102	Gizzard shad	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB093F2103	Gizzard shad	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB093F2104	Gizzard shad	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB093F2105	Gizzard shad	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB093F2106	Gizzard shad	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB093F2107	Gizzard shad	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	451	ug/kg	Y	Y	0.041962952
BIST021	LB093F2108	Gizzard shad	Whole Body	Total PAH (U=1/2; max ND)	4A	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB093F2102	Gizzard shad	Whole Body	Total PCB Cong-209 (U=0, max RL)	4A	34	34	0	1062738.735	ng/kg	246	ug/kg	Y	Y	0.000231477
BIST021	LB093F2102	Gizzard shad	Whole Body	Total PCB Cong-209 (U=0, max RL)	4A	3	3	0	538.3	ug/kg	246	ug/kg	Y	Y	0.456994241
BIST021	LB093F2103	Gizzard shad	Whole Body	Total PCB Cong-209 (U=0, max RL)	4A	3	3	0	538.3	ug/kg	244	ug/kg	Y	Y	0.453278841
BIST021	LB093F2103	Gizzard shad	Whole Body	Total PCB Cong-209 (U=0, max RL)	4A	34	34	0	1062738.735	ng/kg	244	ug/kg	Y	Y	0.000229595
BIST021	LB093F2104	Gizzard shad	Whole Body	Total PCB Cong-209 (U=0, max RL)	4A	3	3	0	538.3	ug/kg	64.6	ug/kg	Y	Y	0.120007431
BIST021	LB093F2104	Gizzard shad	Whole Body	Total PCB Cong-209 (U=0, max RL)	4A	34	34	0	1062738.735	ng/kg	64.6	ug/kg	Y	Y	6.07863E-05
BIST021	LB093F2102	Gizzard shad	Whole Body	Total PCB Congs (U=1/2; max ND)	4A	17	17	0	175847.7926	ng/kg	246461.3	ng/kg	Y	Y	1.401560385
BIST021	LB093F2103	Gizzard shad	Whole Body	Total PCB Congs (U=1/2; max ND)	4A	17	17	0	175847.7926	ng/kg	243596.75	ng/kg	Y	Y	1.385270445

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	Sediment Samples N	Detects	Non-detects	Average	Units	Tissue Sample Result	Units	Detect	Whole Body	BSAF
BIST021	LB093F2104	Gizzard shad	Whole Body	Total PCB Congs (U=1/2; max ND)	4A	17	17	0	175847.7926	ng/kg	64595	ng/kg	Y	Y	0.367334722
BIST015	LB033F1510	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	4000	ug/kg	Y	Y	11.69108513
BIST015	LB033F1511	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	610	ug/kg	Y	Y	1.782890483
BIST015	LB033F1512	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	1820	ug/kg	Y	Y	5.319443736
BIST015	LB033F1514	Striped mullet	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	1270	ug/kg	Y	Y	3.71191953
BIST021	LB093F2102	Gizzard shad	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	4300	ug/kg	Y	Y	12.56791652
BIST021	LB093F2103	Gizzard shad	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	780	ug/kg	Y	Y	2.279761601
BIST021	LB093F2104	Gizzard shad	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	920	ug/kg	Y	Y	2.688949581
BIST021	LB093F2105	Gizzard shad	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	1970	ug/kg	Y	Y	5.757859428
BIST021	LB093F2106	Gizzard shad	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	1970	ug/kg	Y	Y	5.757859428
BIST021	LB093F2107	Gizzard shad	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	680	ug/kg	Y	Y	1.987484473
BIST021	LB093F2108	Gizzard shad	Whole Body	Total PCBs (U=0, max RL)	4A	212	104	108	342.1410377	ug/kg	2800	ug/kg	Y	Y	8.183759594
BIST015	LB033F1510	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	4025	ug/kg	Y	Y	7.037937892
BIST015	LB033F1511	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	640	ug/kg	Y	Y	1.119075839
BIST015	LB033F1512	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	1845	ug/kg	Y	Y	3.226085816
BIST015	LB033F1514	Striped mullet	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	1695	ug/kg	Y	Y	2.963802416
BIST021	LB093F2102	Gizzard shad	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	4325	ug/kg	Y	Y	7.562504691
BIST021	LB093F2103	Gizzard shad	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	805	ug/kg	Y	Y	1.407587578
BIST021	LB093F2104	Gizzard shad	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	945	ug/kg	Y	Y	1.652385418
BIST021	LB093F2105	Gizzard shad	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	1995	ug/kg	Y	Y	3.488369216
BIST021	LB093F2106	Gizzard shad	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	1995	ug/kg	Y	Y	3.488369216
BIST021	LB093F2107	Gizzard shad	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	705	ug/kg	Y	Y	1.232731979
BIST021	LB093F2108	Gizzard shad	Whole Body	Total PCBs (U=1/2; max ND)	4A	212	104	108	571.9004717	ug/kg	2825	ug/kg	Y	Y	4.939670694
BIST015	LB033F1510	Striped mullet	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	22.4	mg/kg	Y	Y	0.148881197
BIST015	LB033F1511	Striped mullet	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	22.3	mg/kg	Y	Y	0.148216548
BIST015	LB033F1512	Striped mullet	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	21.8	mg/kg	Y	Y	0.144893307
BIST015	LB033F1513	Striped mullet	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	23.5	mg/kg	Y	Y	0.156192327
BIST015	LB033F1514	Striped mullet	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	22.9	mg/kg	Y	Y	0.152204438
BIST021	LB093F2102	Gizzard shad	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	7.3	mg/kg	Y	Y	0.048519319
BIST021	LB093F2103	Gizzard shad	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	11.7	mg/kg	Y	Y	0.077763839
BIST021	LB093F2104	Gizzard shad	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	8.1	mg/kg	Y	Y	0.053836504
BIST021	LB093F2105	Gizzard shad	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	20.2	mg/kg	Y	Y	0.134258936
BIST021	LB093F2106	Gizzard shad	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	12	mg/kg	Y	Y	0.079757784
BIST021	LB093F2107	Gizzard shad	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	9.4	mg/kg	Y	Y	0.062476931
BIST021	LB093F2108	Gizzard shad	Whole Body	Zinc	4A	262	236	26	150.4555344	mg/kg	14.2	mg/kg	Y	Y	0.094380044
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.2806	ng/kg	N	N	0.000833455
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.4094	ng/kg	N	N	0.001216025
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.47265	ng/kg	N	N	0.001403894
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.1375	ng/kg	N	Y	0.000408411
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.2065	ng/kg	N	Y	0.000613359
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.79925	ng/kg	N	N	0.002373981
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.598	ng/kg	N	N	0.001776216
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.9867	ng/kg	N	N	0.002930756
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.1805	ng/kg	N	Y	0.000536132
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDD	4B	72	70	2	336.6708333	ng/kg	0.283	ng/kg	N	Y	0.000840584
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	0.4025	ng/kg	N	N	0.00014237
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	0.63365	ng/kg	N	N	0.000224131
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	0.2576	ng/kg	N	N	9.11167E-05
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	29.6	ng/kg	Y	Y	0.010469932
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	22.5	ng/kg	Y	Y	0.007958563
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	0.7728	ng/kg	N	N	0.00027335
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	0.5543	ng/kg	N	N	0.000196064
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	0.43815	ng/kg	N	N	0.00015498
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	6.81	ng/kg	Y	Y	0.002408792

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,4,6,7,8-HpCDF	4B	72	70	2	2827.143611	ng/kg	40.8	ng/kg	Y	Y	0.014431527
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.6279	ng/kg	N	N	0.000979282
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	1.09595	ng/kg	N	N	0.001709259
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.46115	ng/kg	N	N	0.000719216
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.128	ng/kg	N	Y	0.000199631
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.106	ng/kg	N	Y	0.000165319
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	1.3915	ng/kg	N	N	0.002170203
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.9568	ng/kg	N	N	0.001492239
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.80845	ng/kg	N	N	0.00126087
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.0715	ng/kg	N	Y	0.000111512
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,4,7,8,9-HpCDF	4B	72	69	3	641.1841667	ng/kg	0.146	ng/kg	N	Y	0.000227704
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.3358	ng/kg	N	N	0.022492454
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.30015	ng/kg	N	N	0.020104557
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.3519	ng/kg	N	N	0.023570859
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.1915	ng/kg	N	Y	0.012826995
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.0665	ng/kg	N	Y	0.004454283
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.3013	ng/kg	N	N	0.020181586
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.3335	ng/kg	N	N	0.022338396
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.4945	ng/kg	N	N	0.03312245
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.0855	ng/kg	N	Y	0.005726935
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDD	4B	72	42	30	14.92945139	ng/kg	0.1475	ng/kg	N	Y	0.0098798
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.3082	ng/kg	N	N	0.000302287
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.2346	ng/kg	N	N	0.000230099
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.20355	ng/kg	N	N	0.000199645
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.605	ng/kg	Y	Y	0.000593393
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.651	ng/kg	Y	Y	0.00063851
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.22885	ng/kg	N	N	0.000224459
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.41745	ng/kg	N	N	0.000409441
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	1.2259	ng/kg	Y	N	0.001202381
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	0.0205	ng/kg	N	Y	2.01067E-05
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,4,7,8-HxCDF	4B	72	68	4	1019.560764	ng/kg	1.19	ng/kg	Y	Y	0.001167169
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.34615	ng/kg	N	N	0.013774297
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.28635	ng/kg	N	N	0.011394684
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.38985	ng/kg	N	N	0.015513245
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.2105	ng/kg	N	Y	0.008376396
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.0825	ng/kg	N	Y	0.003282911
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.38295	ng/kg	N	N	0.015238674
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.34385	ng/kg	N	N	0.013682774
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.49795	ng/kg	N	N	0.019814853
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.101	ng/kg	N	Y	0.004019078
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDD	4B	72	61	11	25.13013889	ng/kg	0.424	ng/kg	Y	Y	0.016872171
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	1.6813	ng/kg	Y	N	0.005508896
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	1.3156	ng/kg	Y	N	0.004310654
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	0.184	ng/kg	N	N	0.000602889
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	4.35	ng/kg	Y	Y	0.014253075
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	2.72	ng/kg	Y	Y	0.008912268
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	1.8446	ng/kg	Y	N	0.006043959
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	0.37835	ng/kg	N	N	0.00123969
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	1.6491	ng/kg	Y	N	0.00540339
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	0.705	ng/kg	Y	Y	0.002309981
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,6,7,8-HxCDF	4B	72	63	9	305.1972917	ng/kg	5.34	ng/kg	Y	Y	0.017496879
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.32085	ng/kg	N	N	0.021966927
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.2714	ng/kg	N	N	0.018581343
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.35305	ng/kg	N	N	0.024171493

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.185	ng/kg	N	Y	0.012665986
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.0685	ng/kg	N	Y	0.004689838
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.32315	ng/kg	N	N	0.022124396
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.31855	ng/kg	N	N	0.021809458
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.4669	ng/kg	N	N	0.031966209
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.086	ng/kg	N	Y	0.005887972
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDD	4B	72	57	15	14.60604861	ng/kg	0.1525	ng/kg	N	Y	0.01044088
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.57155	ng/kg	N	N	0.005724746
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.44045	ng/kg	N	N	0.004411625
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.4025	ng/kg	N	N	0.004031511
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.0595	ng/kg	N	Y	0.000595963
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.0545	ng/kg	N	Y	0.000545882
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.46345	ng/kg	N	N	0.004641997
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.7636	ng/kg	N	N	0.007648353
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.66585	ng/kg	N	N	0.006669272
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.04255	ng/kg	N	Y	0.000426188
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,7,8,9-HxCDF	4B	72	42	30	99.83848611	ng/kg	0.095	ng/kg	N	Y	0.000951537
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.4922	ng/kg	N	N	0.040867623
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.20815	ng/kg	N	N	0.017282803
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.25645	ng/kg	N	N	0.021293177
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.0351	ng/kg	N	Y	0.002914371
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.1725	ng/kg	N	Y	0.014322765
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.5267	ng/kg	N	N	0.043732176
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.7176	ng/kg	N	N	0.059582702
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.5152	ng/kg	N	N	0.042777325
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.03555	ng/kg	N	Y	0.002951735
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDD	4B	72	37	35	12.04376389	ng/kg	0.058	ng/kg	N	Y	0.00481577
BIST006	MB014B0602	Red drum	Fish Fille	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	3.726	ng/kg	Y	N	0.016308666
BIST006	MB014B0605	Red drum	Fish Fille	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	2.0884	ng/kg	Y	N	0.009140907
BIST006	MB014B0607	Red drum	Fish Fille	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	1.1155	ng/kg	Y	N	0.004882533
BIST006	MB014F0601	Red drum	Whole Body	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	1.77	ng/kg	Y	Y	0.007747273
BIST015	LB034F1501	Red drum	Whole Body	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	3.28	ng/kg	Y	Y	0.014356529
BIST021	LB094B2104	Spotted seatrout	Fish Fille	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	2.53	ng/kg	Y	N	0.011073786
BIST021	LB094B2106	Spotted seatrout	Fish Fille	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	1.2328	ng/kg	Y	N	0.005395954
BIST021	LB094B2108	Spotted seatrout	Fish Fille	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	3.519	ng/kg	Y	N	0.015402629
BIST021	LB094F2103	Red drum	Whole Body	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	0.877	ng/kg	Y	Y	0.003838621
BIST021	LB094F2120	Spotted seatrout	Whole Body	1,2,3,7,8-PeCDF	4B	72	64	8	228.4674861	ng/kg	5.21	ng/kg	Y	Y	0.02280412
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	1,2-Dichlorobenzene	4B	177	0	177	32.94915254	ug/kg	1150	ug/kg	N	N	34.90226337
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	1,2-Dichlorobenzene	4B	177	0	177	32.94915254	ug/kg	2300	ug/kg	N	N	69.80452675
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	1,2-Dichlorobenzene	4B	177	0	177	32.94915254	ug/kg	500	ug/kg	N	Y	15.17489712
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	1,2-Dichlorobenzene	4B	177	0	177	32.94915254	ug/kg	1150	ug/kg	N	N	34.90226337
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	1,2-Dichlorobenzene	4B	177	0	177	32.94915254	ug/kg	1150	ug/kg	N	N	34.90226337
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	1,3-Dichlorobenzene	4B	177	41	136	31.66949153	ug/kg	1150	ug/kg	N	N	36.31255017
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	1,3-Dichlorobenzene	4B	177	41	136	31.66949153	ug/kg	2300	ug/kg	N	N	72.62510035
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	1,3-Dichlorobenzene	4B	177	41	136	31.66949153	ug/kg	500	ug/kg	N	Y	15.78806529
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	1,3-Dichlorobenzene	4B	177	41	136	31.66949153	ug/kg	1150	ug/kg	N	N	36.31255017
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	1,3-Dichlorobenzene	4B	177	41	136	31.66949153	ug/kg	1150	ug/kg	N	N	36.31255017
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	1,4-Dichlorobenzene	4B	177	29	148	31.85028249	ug/kg	1150	ug/kg	N	N	36.10643016
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	1,4-Dichlorobenzene	4B	177	29	148	31.85028249	ug/kg	2300	ug/kg	N	N	72.21286031
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	1,4-Dichlorobenzene	4B	177	29	148	31.85028249	ug/kg	500	ug/kg	N	Y	15.69844789
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	1,4-Dichlorobenzene	4B	177	29	148	31.85028249	ug/kg	1150	ug/kg	N	N	36.10643016
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	1,4-Dichlorobenzene	4B	177	29	148	31.85028249	ug/kg	1150	ug/kg	N	N	36.10643016
BIST006	MB014B0602	Red drum	Fish Fille	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.3358	ng/kg	N	N	0.002417963
BIST006	MB014B0605	Red drum	Fish Fille	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.25875	ng/kg	N	N	0.001863157

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0607	Red drum	Fish Fille	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.24955	ng/kg	N	N	0.001796911
BIST006	MB014F0601	Red drum	Whole Body	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.03835	ng/kg	N	Y	0.000276143
BIST015	LB034F1501	Red drum	Whole Body	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.179	ng/kg	Y	Y	0.001288908
BIST021	LB094B2104	Spotted seatrout	Fish Fille	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.28865	ng/kg	N	N	0.002078455
BIST021	LB094B2106	Spotted seatrout	Fish Fille	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.4462	ng/kg	N	N	0.00321291
BIST021	LB094B2108	Spotted seatrout	Fish Fille	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.3795	ng/kg	N	N	0.00273263
BIST021	LB094F2103	Red drum	Whole Body	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.024	ng/kg	N	Y	0.000172815
BIST021	LB094F2120	Spotted seatrout	Whole Body	2,3,4,6,7,8-HxCDF	4B	72	52	20	138.8772153	ng/kg	0.243	ng/kg	Y	Y	0.001749747
BIST006	MB014B0602	Red drum	Fish Fille	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.4807	ng/kg	N	N	0.002719641
BIST006	MB014B0605	Red drum	Fish Fille	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.40135	ng/kg	N	N	0.002270705
BIST006	MB014B0607	Red drum	Fish Fille	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.26335	ng/kg	N	N	0.001489947
BIST006	MB014F0601	Red drum	Whole Body	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.1805	ng/kg	N	Y	0.001021209
BIST015	LB034F1501	Red drum	Whole Body	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.053	ng/kg	N	Y	0.000299856
BIST021	LB094B2104	Spotted seatrout	Fish Fille	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.36455	ng/kg	N	N	0.002062503
BIST021	LB094B2106	Spotted seatrout	Fish Fille	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.4738	ng/kg	N	N	0.002680603
BIST021	LB094B2108	Spotted seatrout	Fish Fille	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.3565	ng/kg	N	N	0.002016959
BIST021	LB094F2103	Red drum	Whole Body	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.068	ng/kg	N	Y	0.000384721
BIST021	LB094F2120	Spotted seatrout	Whole Body	2,3,4,7,8-PeCDF	4B	72	61	11	176.7512778	ng/kg	0.517	ng/kg	Y	Y	0.002925014
BIST006	MB014B0602	Red drum	Fish Fille	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.071645	ng/kg	N	N	0.016716621
BIST006	MB014B0605	Red drum	Fish Fille	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.072565	ng/kg	N	N	0.016931281
BIST006	MB014B0607	Red drum	Fish Fille	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.07935	ng/kg	N	N	0.018514396
BIST006	MB014F0601	Red drum	Whole Body	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.03075	ng/kg	N	Y	0.007174766
BIST015	LB034F1501	Red drum	Whole Body	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.0241	ng/kg	N	Y	0.00562315
BIST021	LB094B2104	Spotted seatrout	Fish Fille	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.098095	ng/kg	N	N	0.022888086
BIST021	LB094B2106	Spotted seatrout	Fish Fille	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.1633	ng/kg	N	N	0.03810209
BIST021	LB094B2108	Spotted seatrout	Fish Fille	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.17365	ng/kg	N	N	0.040517011
BIST021	LB094F2103	Red drum	Whole Body	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.0382	ng/kg	N	Y	0.008913042
BIST021	LB094F2120	Spotted seatrout	Whole Body	2,3,7,8-TCDD	4B	72	41	31	4.285854167	ng/kg	0.052	ng/kg	N	Y	0.012132937
BIST006	MB014B0602	Red drum	Fish Fille	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	2.392	ng/kg	Y	N	0.016711709
BIST006	MB014B0605	Red drum	Fish Fille	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	2.2655	ng/kg	Y	N	0.015827916
BIST006	MB014B0607	Red drum	Fish Fille	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	0.7958	ng/kg	Y	N	0.005559857
BIST006	MB014F0601	Red drum	Whole Body	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	0.986	ng/kg	Y	Y	0.006888689
BIST015	LB034F1501	Red drum	Whole Body	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	0.271	ng/kg	Y	Y	0.001893342
BIST021	LB094B2104	Spotted seatrout	Fish Fille	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	2.691	ng/kg	Y	N	0.018800672
BIST021	LB094B2106	Spotted seatrout	Fish Fille	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	0.966	ng/kg	Y	N	0.006748959
BIST021	LB094B2108	Spotted seatrout	Fish Fille	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	2.1206	ng/kg	Y	N	0.014815572
BIST021	LB094F2103	Red drum	Whole Body	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	0.53	ng/kg	Y	Y	0.003702845
BIST021	LB094F2120	Spotted seatrout	Whole Body	2,3,7,8-TCDF	4B	72	69	3	143.1331806	ng/kg	3.67	ng/kg	Y	Y	0.025640456
BIST005	UB054B0501	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST005	UB054B0502	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST005	UB054B0503	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST005	UB054B0504	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST005	UB054B0505	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST005	UB054B0506	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST005	UB054F0501	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	20	ug/kg	N	Y	0.018984309
BIST005	UB054F0502	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST005	UB054F0503	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST005	UB054F0504	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST005	UB054F0514	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	20	ug/kg	N	Y	0.018984309
BIST005	UB054F0515	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST006	MB014B0602	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST006	MB014B0603	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST006	MB014B0604	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST006	MB014B0605	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0606	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST006	MB014B0607	Red drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST006	MB014F0601	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST006	MB014F0602	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST006	MB014F0605	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST015	LB034F1501	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST015	LB034F1502	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094B2101	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST021	LB094B2103	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST021	LB094B2104	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST021	LB094B2105	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	51.75	ug/kg	N	N	0.049121899
BIST021	LB094B2106	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST021	LB094B2107	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST021	LB094B2108	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST021	LB094B2110	Spotted seatrout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	46	ug/kg	N	N	0.043663911
BIST021	LB094F2103	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2104	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2115	Black Drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2118	Red drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2120	Spotted seatrout	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2121	Spotted seatrout	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2122	Spotted seatrout	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2124	Spotted seatrout	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
BIST021	LB094F2151	Spotted seatrout	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	25	ug/kg	N	Y	0.023730386
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	1150	ug/kg	N	N	1.091597766
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	2300	ug/kg	N	N	2.183195532
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	500	ug/kg	N	Y	0.474607724
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	1150	ug/kg	N	N	1.091597766
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	2-Methylnaphthalene	4B	249	13	236	1053.501606	ug/kg	1150	ug/kg	N	N	1.091597766
BIST005	UB054B0501	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST005	UB054B0502	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST005	UB054B0503	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST005	UB054B0504	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST005	UB054B0505	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST005	UB054B0506	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST005	UB054F0501	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST005	UB054F0502	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST005	UB054F0503	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST005	UB054F0504	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST005	UB054F0514	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST005	UB054F0515	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST006	MB014B0602	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST006	MB014B0603	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST006	MB014B0604	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST006	MB014B0605	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST006	MB014B0606	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST006	MB014B0607	Red drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST006	MB014F0601	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST006	MB014F0602	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST006	MB014F0605	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST015	LB034F1501	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST015	LB034F1502	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094B2101	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST021	LB094B2103	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2104	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST021	LB094B2105	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST021	LB094B2106	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST021	LB094B2107	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST021	LB094B2108	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST021	LB094B2110	Spotted seatrout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	11.5	ug/kg	N	N	0.978667343
BIST021	LB094F2103	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2104	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2115	Black Drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2118	Red drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2120	Spotted seatrout	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2121	Spotted seatrout	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2122	Spotted seatrout	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2124	Spotted seatrout	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
BIST021	LB094F2151	Spotted seatrout	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	5	ug/kg	N	Y	0.42550754
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	6.9	ug/kg	N	N	0.587200406
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	6.9	ug/kg	N	N	0.587200406
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	3	ug/kg	N	Y	0.255304524
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	1.656	ug/kg	Y	N	0.140928097
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	4,4'-DDD	4B	208	36	172	11.75067308	ug/kg	6.9	ug/kg	N	N	0.587200406
BIST005	UB054B0501	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054B0502	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054B0503	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054B0504	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054B0505	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054B0504	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054B0505	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054B0506	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST005	UB054F0501	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST005	UB054F0502	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST005	UB054F0503	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST005	UB054F0504	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST005	UB054F0514	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST005	UB054F0515	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST006	MB014B0602	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST006	MB014B0603	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST006	MB014B0604	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST006	MB014B0605	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST006	MB014B0606	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST006	MB014B0607	Red drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST006	MB014F0601	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11	ug/kg	Y	Y	0.990965361
BIST006	MB014F0602	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST006	MB014F0605	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST015	LB034F1501	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST015	LB034F1502	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094B2101	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094B2103	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094B2104	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094B2105	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094B2106	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094B2107	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094B2108	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094B2110	Spotted seatrout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	11.5	ug/kg	N	N	1.036009242
BIST021	LB094F2103	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094F2104	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094F2115	Black Drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2118	Red drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094F2120	Spotted seatrout	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094F2121	Spotted seatrout	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094F2122	Spotted seatrout	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094F2124	Spotted seatrout	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	5	ug/kg	N	Y	0.450438801
BIST021	LB094F2151	Spotted seatrout	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	17	ug/kg	Y	Y	1.531491922
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	6.9	ug/kg	N	N	0.621605545
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	20.01	ug/kg	Y	N	1.80265608
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	3	ug/kg	N	Y	0.27026328
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	6.9	ug/kg	N	N	0.621605545
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	4,4'-DDE	4B	209	49	160	11.10028708	ug/kg	6.9	ug/kg	N	N	0.621605545
BIST005	UB054B0501	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST005	UB054B0502	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST005	UB054B0503	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST005	UB054B0504	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST005	UB054B0505	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST005	UB054B0506	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST005	UB054F0501	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST005	UB054F0502	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST005	UB054F0503	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	66	ug/kg	Y	Y	7.540317685
BIST005	UB054F0504	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST005	UB054F0514	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST005	UB054F0515	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST006	MB014B0602	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST006	MB014B0603	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST006	MB014B0604	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST006	MB014B0605	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST006	MB014B0606	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST006	MB014B0607	Red drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST006	MB014F0601	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST006	MB014F0602	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST006	MB014F0605	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST015	LB034F1501	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST015	LB034F1502	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094B2101	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094B2103	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094B2104	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094B2105	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094B2106	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094B2107	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094B2108	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094B2110	Spotted seatrout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	11.5	ug/kg	N	N	1.313843233
BIST021	LB094F2103	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2104	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2115	Black Drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2118	Red drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2120	Spotted seatrout	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2121	Spotted seatrout	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2122	Spotted seatrout	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2124	Spotted seatrout	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
BIST021	LB094F2151	Spotted seatrout	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	5	ug/kg	N	Y	0.571236188
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	6.9	ug/kg	N	N	0.78830594
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	10.35	ug/kg	Y	N	1.18245891
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	1.4	ug/kg	Y	Y	0.159946133

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	3.91	ug/kg	Y	N	0.446706699
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	4,4'-DDT	4B	207	12	195	8.75294686	ug/kg	6.9	ug/kg	N	N	0.78830594
BIST005	UB054B0501	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST005	UB054B0502	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST005	UB054B0503	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST005	UB054B0504	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST005	UB054B0505	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST005	UB054B0506	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST005	UB054F0501	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	20	ug/kg	N	Y	0.018551808
BIST005	UB054F0502	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST005	UB054F0503	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST005	UB054F0504	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST005	UB054F0514	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	20	ug/kg	N	Y	0.018551808
BIST005	UB054F0515	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST006	MB014B0602	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST006	MB014B0603	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST006	MB014B0604	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST006	MB014B0605	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST006	MB014B0606	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST006	MB014B0607	Red drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST006	MB014F0601	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST006	MB014F0602	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST006	MB014F0605	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST015	LB034F1501	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST015	LB034F1502	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	51.75	ug/kg	N	N	0.048002803
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	46	ug/kg	N	N	0.042669158
BIST021	LB094F2103	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2104	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2115	Black Drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2118	Red drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2120	Spotted seatrout	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2121	Spotted seatrout	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2122	Spotted seatrout	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2124	Spotted seatrout	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
BIST021	LB094F2151	Spotted seatrout	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	25	ug/kg	N	Y	0.02318976
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	1150	ug/kg	N	N	1.06672896
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	2300	ug/kg	N	N	2.133457921
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	500	ug/kg	N	Y	0.4637952
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	1150	ug/kg	N	N	1.06672896
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Acenaphthene	4B	245	8	237	1078.062041	ug/kg	1150	ug/kg	N	N	1.06672896
BIST005	UB054B0501	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST005	UB054B0502	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST005	UB054B0503	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST005	UB054B0504	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST005	UB054B0505	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST005	UB054B0506	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST005	UB054F0501	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	20	ug/kg	N	Y	0.019570714

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0502	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST005	UB054F0503	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST005	UB054F0504	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST005	UB054F0514	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	20	ug/kg	N	Y	0.019570714
BIST005	UB054F0515	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST006	MB014B0602	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST006	MB014B0603	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST006	MB014B0604	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST006	MB014B0605	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST006	MB014B0606	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST006	MB014B0607	Red drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST006	MB014F0601	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST006	MB014F0602	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST006	MB014F0605	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST015	LB034F1501	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST015	LB034F1502	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	51.75	ug/kg	N	N	0.050639222
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	46	ug/kg	N	N	0.045012642
BIST021	LB094F2103	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2104	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2115	Black Drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2118	Red drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2120	Spotted seatrout	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2121	Spotted seatrout	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2122	Spotted seatrout	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2124	Spotted seatrout	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
BIST021	LB094F2151	Spotted seatrout	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	25	ug/kg	N	Y	0.024463392
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	1150	ug/kg	N	N	1.125316041
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	2300	ug/kg	N	N	2.250632081
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	500	ug/kg	N	Y	0.489267844
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	1150	ug/kg	N	N	1.125316041
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Acenaphthylene	4B	259	23	236	1021.935135	ug/kg	1150	ug/kg	N	N	1.125316041
BIST005	UB054B0501	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST005	UB054B0502	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST005	UB054B0503	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST005	UB054B0504	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST005	UB054B0505	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST005	UB054B0506	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST005	UB054F0501	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST005	UB054F0502	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST005	UB054F0503	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST005	UB054F0504	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST005	UB054F0514	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST005	UB054F0515	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST006	MB014B0602	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST006	MB014B0603	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST006	MB014B0604	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST006	MB014B0605	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0606	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST006	MB014B0607	Red drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST006	MB014F0601	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST006	MB014F0602	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST006	MB014F0605	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST015	LB034F1501	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST015	LB034F1502	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	11.5	ug/kg	N	N	1.067735593
BIST021	LB094F2103	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2104	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2115	Black Drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2118	Red drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	5	ug/kg	N	Y	0.464232866
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	8.97	ug/kg	Y	N	0.832833762
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	8.97	ug/kg	Y	N	0.832833762
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aldrin	4B	208	43	165	10.77045673	ug/kg	3	ug/kg	N	Y	0.27853972
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	6.9	ug/kg	N	N	0.640641356
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aldrin	4B	208	43	165	10.77045673	ug/kg	6.9	ug/kg	N	N	0.640641356
BIST005	UB054B0501	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST005	UB054B0502	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST005	UB054B0503	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST005	UB054B0504	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST005	UB054B0505	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST005	UB054B0506	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST005	UB054F0501	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST005	UB054F0502	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST005	UB054F0503	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST005	UB054F0504	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST005	UB054F0514	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST005	UB054F0515	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST006	MB014B0602	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST006	MB014B0603	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST006	MB014B0604	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST006	MB014B0605	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST006	MB014B0606	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST006	MB014B0607	Red drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST006	MB014F0601	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST006	MB014F0602	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST006	MB014F0605	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST015	LB034F1501	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST015	LB034F1502	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094B2101	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST021	LB094B2103	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2104	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST021	LB094B2105	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST021	LB094B2106	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST021	LB094B2107	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST021	LB094B2108	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST021	LB094B2110	Spotted seatrout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	11.5	ug/kg	N	N	1.403521125
BIST021	LB094F2103	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2104	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2115	Black Drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2118	Red drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2120	Spotted seatrout	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2121	Spotted seatrout	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2122	Spotted seatrout	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2124	Spotted seatrout	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
BIST021	LB094F2151	Spotted seatrout	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	5	ug/kg	N	Y	0.610226576
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	13.57	ug/kg	Y	N	1.656154927
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	18.4	ug/kg	Y	N	2.2456338
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	3.8	ug/kg	Y	Y	0.463772198
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	alpha-Chlordane	4B	208	29	179	8.193677885	ug/kg	6.9	ug/kg	N	N	0.842112675
BIST005	UB054B0501	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST005	UB054B0502	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST005	UB054B0503	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST005	UB054B0504	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST005	UB054B0505	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST005	UB054B0506	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST005	UB054F0501	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	20	ug/kg	N	Y	0.019207843
BIST005	UB054F0502	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST005	UB054F0503	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST005	UB054F0504	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST005	UB054F0514	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	20	ug/kg	N	Y	0.019207843
BIST005	UB054F0515	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST006	MB014B0602	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST006	MB014B0603	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST006	MB014B0604	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST006	MB014B0605	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST006	MB014B0606	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST006	MB014B0607	Red drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST006	MB014F0601	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST006	MB014F0602	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST006	MB014F0605	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST015	LB034F1501	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST015	LB034F1502	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	51.75	ug/kg	N	N	0.049700293
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	46	ug/kg	N	N	0.044178039
BIST021	LB094F2103	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094F2104	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094F2115	Black Drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094F2118	Red drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2120	Spotted seatrout	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094F2121	Spotted seatrout	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094F2122	Spotted seatrout	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094F2124	Spotted seatrout	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
BIST021	LB094F2151	Spotted seatrout	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	25	ug/kg	N	Y	0.024009804
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	1150	ug/kg	N	N	1.104450964
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	2300	ug/kg	N	N	2.208901928
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Anthracene	4B	254	18	236	1041.241339	ug/kg	500	ug/kg	N	Y	0.480196071
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	1150	ug/kg	N	N	1.104450964
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Anthracene	4B	254	18	236	1041.241339	ug/kg	1150	ug/kg	N	N	1.104450964
BIST005	UB054B0501	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0502	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0503	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0504	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0505	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0506	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054F0501	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0502	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0503	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0504	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0514	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0515	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014B0602	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0603	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0604	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0605	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0606	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0607	Red drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014F0601	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0602	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0605	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1501	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1502	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2115	Black Drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2118	Red drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aroclor-1016	4B	209	0	209	62	ug/kg	50	ug/kg	N	Y	0.806451613
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aroclor-1016	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
BIST005	UB054B0501	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST005	UB054B0502	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST005	UB054B0503	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST005	UB054B0504	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST005	UB054B0505	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST005	UB054B0506	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST005	UB054F0501	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST005	UB054F0502	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST005	UB054F0503	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST005	UB054F0504	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST005	UB054F0514	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST005	UB054F0515	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST006	MB014B0602	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST006	MB014B0603	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST006	MB014B0604	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST006	MB014B0605	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST006	MB014B0606	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST006	MB014B0607	Red drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST006	MB014F0601	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST006	MB014F0602	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST006	MB014F0605	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST015	LB034F1501	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST015	LB034F1502	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	11.5	ug/kg	N	N	0.093637993
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2115	Black Drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2118	Red drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	5	ug/kg	N	Y	0.040712171
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	115	ug/kg	N	N	0.936379928
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	115	ug/kg	N	N	0.936379928
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	50	ug/kg	N	Y	0.407121708
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	115	ug/kg	N	N	0.936379928
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aroclor-1221	4B	209	0	209	122.8133971	ug/kg	115	ug/kg	N	N	0.936379928
BIST005	UB054B0501	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0502	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0503	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0504	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0505	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0506	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054F0501	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0502	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0503	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0504	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0514	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0515	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014B0602	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0603	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0604	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0605	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0606	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0607	Red drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014F0601	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0602	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0605	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1501	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1502	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2115	Black Drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2118	Red drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aroclor-1232	4B	209	0	209	62	ug/kg	50	ug/kg	N	Y	0.806451613
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aroclor-1232	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
BIST005	UB054B0501	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0502	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0503	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0504	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0505	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0506	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054F0501	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0502	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0503	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0504	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0514	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0515	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014B0602	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0603	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0604	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0605	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0606	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0607	Red drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014F0601	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0602	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0605	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1501	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1502	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2115	Black Drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2118	Red drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aroclor-1242	4B	209	0	209	62	ug/kg	50	ug/kg	N	Y	0.806451613
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aroclor-1242	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
BIST005	UB054B0501	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0502	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0503	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0504	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0505	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054B0506	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST005	UB054F0501	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0502	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0503	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0504	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0514	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST005	UB054F0515	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014B0602	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0603	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0604	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0605	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0606	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014B0607	Red drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST006	MB014F0601	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0602	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST006	MB014F0605	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1501	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST015	LB034F1502	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	11.5	ug/kg	N	N	0.185483871
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2115	Black Drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2118	Red drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	5	ug/kg	N	Y	0.080645161
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aroclor-1248	4B	209	0	209	62	ug/kg	50	ug/kg	N	Y	0.806451613
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aroclor-1248	4B	209	0	209	62	ug/kg	115	ug/kg	N	N	1.85483871
BIST005	UB054B0501	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST005	UB054B0502	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST005	UB054B0503	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST005	UB054B0504	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST005	UB054B0505	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST005	UB054B0506	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST005	UB054F0501	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	5	ug/kg	N	Y	0.016529982
BIST005	UB054F0502	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	88	ug/kg	Y	Y	0.290927691
BIST005	UB054F0503	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	200	ug/kg	Y	Y	0.661199297
BIST005	UB054F0504	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	74	ug/kg	Y	Y	0.24464374
BIST005	UB054F0514	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	5	ug/kg	N	Y	0.016529982
BIST005	UB054F0515	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	82	ug/kg	Y	Y	0.271091712
BIST006	MB014B0602	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST006	MB014B0603	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST006	MB014B0604	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST006	MB014B0605	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST006	MB014B0606	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST006	MB014B0607	Red drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST006	MB014F0601	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	130	ug/kg	Y	Y	0.429779543
BIST006	MB014F0602	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	33	ug/kg	Y	Y	0.109097884
BIST006	MB014F0605	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	64	ug/kg	Y	Y	0.211583775
BIST015	LB034F1501	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	14	ug/kg	Y	Y	0.046283951
BIST015	LB034F1502	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	130	ug/kg	Y	Y	0.429779543
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	64.4	ug/kg	Y	N	0.212906174
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	117.3	ug/kg	Y	N	0.387793388
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	11.5	ug/kg	N	N	0.03801896
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	30	ug/kg	Y	Y	0.099179895
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	5	ug/kg	N	Y	0.016529982
BIST021	LB094F2115	Black Drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	5	ug/kg	N	Y	0.016529982
BIST021	LB094F2118	Red drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	12	ug/kg	Y	Y	0.039671958

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	92	ug/kg	Y	Y	0.304151677
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	88	ug/kg	Y	Y	0.290927691
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	40	ug/kg	Y	Y	0.132239859
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	19	ug/kg	Y	Y	0.062813933
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	530	ug/kg	Y	Y	1.752178137
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	115	ug/kg	N	N	0.380189596
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	115	ug/kg	N	N	0.380189596
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	50	ug/kg	N	Y	0.165299824
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	115	ug/kg	N	N	0.380189596
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aroclor-1254	4B	212	101	111	302.4806604	ug/kg	115	ug/kg	N	N	0.380189596
BIST005	UB054B0501	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST005	UB054B0502	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST005	UB054B0503	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST005	UB054B0504	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST005	UB054B0505	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST005	UB054B0506	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST005	UB054F0501	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	5	ug/kg	N	Y	0.078624633
BIST005	UB054F0502	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	25	ug/kg	Y	Y	0.393123166
BIST005	UB054F0503	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	74	ug/kg	Y	Y	1.163644572
BIST005	UB054F0504	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	35	ug/kg	Y	Y	0.550372432
BIST005	UB054F0514	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	5	ug/kg	N	Y	0.078624633
BIST005	UB054F0515	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	29	ug/kg	Y	Y	0.456022873
BIST006	MB014B0602	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST006	MB014B0603	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST006	MB014B0604	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST006	MB014B0605	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST006	MB014B0606	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST006	MB014B0607	Red drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST006	MB014F0601	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	71	ug/kg	Y	Y	1.116469792
BIST006	MB014F0602	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	19	ug/kg	Y	Y	0.298773606
BIST006	MB014F0605	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	24	ug/kg	Y	Y	0.377398239
BIST015	LB034F1501	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	5	ug/kg	N	Y	0.078624633
BIST015	LB034F1502	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	72	ug/kg	Y	Y	1.132194718
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11.5	ug/kg	N	N	0.180836656
BIST021	LB094F2103	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	11	ug/kg	Y	Y	0.172974193
BIST021	LB094F2104	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	5	ug/kg	N	Y	0.078624633
BIST021	LB094F2115	Black Drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	5	ug/kg	N	Y	0.078624633
BIST021	LB094F2118	Red drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	5	ug/kg	N	Y	0.078624633
BIST021	LB094F2120	Spotted seatrout	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	48	ug/kg	Y	Y	0.754796479
BIST021	LB094F2121	Spotted seatrout	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	36	ug/kg	Y	Y	0.566097359
BIST021	LB094F2122	Spotted seatrout	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	16	ug/kg	Y	Y	0.251598826
BIST021	LB094F2124	Spotted seatrout	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	5	ug/kg	N	Y	0.078624633
BIST021	LB094F2151	Spotted seatrout	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	380	ug/kg	Y	Y	5.975472124
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	115	ug/kg	N	N	1.808366564
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	115	ug/kg	N	N	1.808366564
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	50	ug/kg	N	Y	0.786246332
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	115	ug/kg	N	N	1.808366564

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Aroclor-1260	4B	209	5	204	63.59330144	ug/kg	115	ug/kg	N	N	1.808366564
BIST005	UB054B0501	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.575	mg/kg	Y	N	0.161595082
BIST005	UB054B0502	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.575	mg/kg	Y	N	0.161595082
BIST005	UB054B0503	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.552	mg/kg	Y	N	0.155131279
BIST005	UB054B0504	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.506	mg/kg	Y	N	0.142203673
BIST005	UB054B0505	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.575	mg/kg	Y	N	0.161595082
BIST005	UB054B0506	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.368	mg/kg	Y	N	0.103420853
BIST005	UB054F0501	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.21	mg/kg	Y	Y	0.059017334
BIST005	UB054F0502	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.17	mg/kg	Y	Y	0.047775937
BIST005	UB054F0503	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.27	mg/kg	Y	Y	0.07587943
BIST005	UB054F0504	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.18	mg/kg	Y	Y	0.050586287
BIST005	UB054F0514	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.18	mg/kg	Y	Y	0.050586287
BIST005	UB054F0515	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.34	mg/kg	Y	Y	0.095551875
BIST006	MB014B0602	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.575	mg/kg	Y	N	0.161595082
BIST006	MB014B0603	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.483	mg/kg	Y	N	0.135739869
BIST006	MB014B0604	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.483	mg/kg	Y	N	0.135739869
BIST006	MB014B0605	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.437	mg/kg	Y	N	0.122812263
BIST006	MB014B0606	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.437	mg/kg	Y	N	0.122812263
BIST006	MB014B0607	Red drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.483	mg/kg	Y	N	0.135739869
BIST006	MB014F0601	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.11	mg/kg	Y	Y	0.030913842
BIST006	MB014F0602	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.15	mg/kg	Y	Y	0.042155239
BIST006	MB014F0605	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.16	mg/kg	Y	Y	0.044965588
BIST015	LB034F1501	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.29	mg/kg	Y	Y	0.081500129
BIST015	LB034F1502	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.17	mg/kg	Y	Y	0.047775937
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.322	mg/kg	Y	N	0.090493246
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.0115	mg/kg	N	N	0.003231902
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.483	mg/kg	Y	N	0.135739869
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.46	mg/kg	Y	N	0.129276066
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.437	mg/kg	Y	N	0.122812263
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.483	mg/kg	Y	N	0.135739869
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.437	mg/kg	Y	N	0.122812263
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.483	mg/kg	Y	N	0.135739869
BIST021	LB094F2103	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.36	mg/kg	Y	Y	0.101172573
BIST021	LB094F2104	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.23	mg/kg	Y	Y	0.064638033
BIST021	LB094F2115	Black Drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.6	mg/kg	Y	Y	0.168620956
BIST021	LB094F2118	Red drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.34	mg/kg	Y	Y	0.095551875
BIST021	LB094F2120	Spotted seatrout	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.24	mg/kg	Y	Y	0.067448382
BIST021	LB094F2121	Spotted seatrout	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.38	mg/kg	Y	Y	0.106793272
BIST021	LB094F2122	Spotted seatrout	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.29	mg/kg	Y	Y	0.081500129
BIST021	LB094F2124	Spotted seatrout	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.23	mg/kg	Y	Y	0.064638033
BIST021	LB094F2151	Spotted seatrout	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.15	mg/kg	Y	Y	0.042155239
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	1.495	mg/kg	Y	N	0.420147214
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.874	mg/kg	N	N	0.245624525
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Arsenic	4B	235	218	17	3.558276596	mg/kg	0.45	mg/kg	Y	Y	0.126465717
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	1.265	mg/kg	Y	N	0.355509181
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Arsenic	4B	235	218	17	3.558276596	mg/kg	1.932	mg/kg	Y	N	0.542959477
BIST005	UB054B0501	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST005	UB054B0502	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST005	UB054B0503	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST005	UB054B0504	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST005	UB054B0505	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST005	UB054B0506	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST005	UB054F0501	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	20	ug/kg	N	Y	0.019191308
BIST005	UB054F0502	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0503	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST005	UB054F0504	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST005	UB054F0514	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	20	ug/kg	N	Y	0.019191308
BIST005	UB054F0515	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST006	MB014B0602	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST006	MB014B0603	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST006	MB014B0604	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST006	MB014B0605	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST006	MB014B0606	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST006	MB014B0607	Red drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST006	MB014F0601	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST006	MB014F0602	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST006	MB014F0605	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST015	LB034F1501	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST015	LB034F1502	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	51.75	ug/kg	N	N	0.049657509
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	46	ug/kg	N	N	0.044140008
BIST021	LB094F2103	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2104	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2103	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2104	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2118	Red drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2120	Spotted seatrout	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2121	Spotted seatrout	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2122	Spotted seatrout	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
BIST021	LB094F2124	Spotted seatrout	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	25	ug/kg	N	Y	0.023989135
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	1150	ug/kg	N	N	1.103500199
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	2300	ug/kg	N	N	2.207000399
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	500	ug/kg	N	Y	0.479782695
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	1150	ug/kg	N	N	1.103500199
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Benzo(a)anthracene	4B	260	39	221	1042.138462	ug/kg	1150	ug/kg	N	N	1.103500199
BIST005	UB054B0501	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST005	UB054B0502	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST005	UB054B0503	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST005	UB054B0504	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST005	UB054B0505	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST005	UB054B0506	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST005	UB054F0501	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	20	ug/kg	N	Y	0.019233178
BIST005	UB054F0502	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST005	UB054F0503	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST005	UB054F0504	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST005	UB054F0514	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	20	ug/kg	N	Y	0.019233178
BIST005	UB054F0515	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST006	MB014B0602	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST006	MB014B0603	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST006	MB014B0604	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST006	MB014B0605	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST006	MB014B0606	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST006	MB014B0607	Red drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST006	MB014F0601	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0602	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST006	MB014F0605	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST015	LB034F1501	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST015	LB034F1502	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	51.75	ug/kg	N	N	0.049765849
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	46	ug/kg	N	N	0.04423631
BIST021	LB094F2103	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB094F2104	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB094F2118	Red drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB094F2120	Spotted seatrout	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB094F2121	Spotted seatrout	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB094F2122	Spotted seatrout	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
BIST021	LB094F2124	Spotted seatrout	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	25	ug/kg	N	Y	0.024041473
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	1150	ug/kg	N	N	1.105907754
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	2300	ug/kg	N	N	2.211815509
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	500	ug/kg	N	Y	0.480829458
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	1150	ug/kg	N	N	1.105907754
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Benzo(a)pyrene	4B	261	35	226	1039.869732	ug/kg	1150	ug/kg	N	N	1.105907754
BIST005	UB054B0501	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST005	UB054B0501	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST005	UB054B0502	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST005	UB054B0503	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST005	UB054B0504	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST005	UB054B0505	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST005	UB054B0506	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST005	UB054F0501	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	20	ug/kg	N	Y	0.018645451
BIST005	UB054F0502	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST005	UB054F0503	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST005	UB054F0504	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST005	UB054F0514	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	20	ug/kg	N	Y	0.018645451
BIST005	UB054F0515	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST006	MB014B0602	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST006	MB014B0603	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST006	MB014B0604	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST006	MB014B0605	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST006	MB014B0606	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST006	MB014B0607	Red drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST006	MB014F0601	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST006	MB014F0602	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST006	MB014F0605	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST015	LB034F1501	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST015	LB034F1502	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	51.75	ug/kg	N	N	0.048245104
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	46	ug/kg	N	N	0.042884537
BIST021	LB094F2103	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB094F2104	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB094F2118	Red drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB094F2120	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB094F2121	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB094F2122	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
BIST021	LB094F2124	Spotted seatrout	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	25	ug/kg	N	Y	0.023306813
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	1150	ug/kg	N	N	1.072113416
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	2300	ug/kg	N	N	2.144226831
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	500	ug/kg	N	Y	0.466136268
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	1150	ug/kg	N	N	1.072113416
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Benzo(b)fluoranthene	4B	262	38	224	1072.64771	ug/kg	1150	ug/kg	N	N	1.072113416
BIST005	UB054B0501	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST005	UB054B0502	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST005	UB054B0503	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST005	UB054B0504	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST005	UB054B0505	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST005	UB054B0506	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST005	UB054F0501	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	20	ug/kg	N	Y	0.019015737
BIST005	UB054F0502	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST005	UB054F0503	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST005	UB054F0504	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST005	UB054F0514	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	20	ug/kg	N	Y	0.019015737
BIST005	UB054F0515	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST006	MB014B0602	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST006	MB014B0603	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST006	MB014B0604	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST006	MB014B0605	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST006	MB014B0606	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST006	MB014B0607	Red drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST006	MB014F0601	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST006	MB014F0602	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST006	MB014F0605	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST015	LB034F1501	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST015	LB034F1502	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	51.75	ug/kg	N	N	0.049203219
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	46	ug/kg	N	N	0.043736194
BIST021	LB094F2103	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB094F2104	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB094F2118	Red drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB094F2120	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB094F2121	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB094F2122	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
BIST021	LB094F2124	Spotted seatrout	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	25	ug/kg	N	Y	0.023769671
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	1150	ug/kg	N	N	1.093404856
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	2300	ug/kg	N	N	2.186809712
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	500	ug/kg	N	Y	0.475393416

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	1150	ug/kg	N	N	1.093404856
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Benzo(g,h,i)perylene	4B	258	25	233	1051.760465	ug/kg	1150	ug/kg	N	N	1.093404856
BIST005	UB054B0501	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST005	UB054B0502	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST005	UB054B0503	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST005	UB054B0504	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST005	UB054B0505	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST005	UB054B0506	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST005	UB054F0501	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	20	ug/kg	N	Y	0.018966236
BIST005	UB054F0502	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST005	UB054F0503	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST005	UB054F0504	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST005	UB054F0514	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	20	ug/kg	N	Y	0.018966236
BIST005	UB054F0515	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST006	MB014B0602	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST006	MB014B0603	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST006	MB014B0604	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST006	MB014B0605	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST006	MB014B0606	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST006	MB014B0607	Red drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST006	MB014F0601	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST006	MB014F0602	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST006	MB014F0605	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST015	LB034F1501	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST015	LB034F1502	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	51.75	ug/kg	N	N	0.049075137
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	46	ug/kg	N	N	0.043622344
BIST021	LB094F2103	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB094F2104	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB094F2118	Red drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB094F2120	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB094F2121	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB094F2122	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
BIST021	LB094F2124	Spotted seatrout	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	25	ug/kg	N	Y	0.023707795
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	1150	ug/kg	N	N	1.090558593
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	2300	ug/kg	N	N	2.181117185
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	500	ug/kg	N	Y	0.47415591
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	1150	ug/kg	N	N	1.090558593
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Benzo(k)fluoranthene	4B	256	26	230	1054.505469	ug/kg	1150	ug/kg	N	N	1.090558593
BIST005	UB054B0501	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST005	UB054B0502	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST005	UB054B0503	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST005	UB054B0504	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST005	UB054B0505	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST005	UB054B0506	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST005	UB054F0501	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST005	UB054F0502	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST005	UB054F0503	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	25	ug/kg	Y	Y	0.954797048

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0504	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST005	UB054F0514	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST005	UB054F0515	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST006	MB014B0602	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST006	MB014B0603	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST006	MB014B0604	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST006	MB014B0605	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST006	MB014B0606	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST006	MB014B0607	Red drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST006	MB014F0601	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	24	ug/kg	Y	Y	0.916605166
BIST006	MB014F0602	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST006	MB014F0605	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	10	ug/kg	Y	Y	0.381918819
BIST015	LB034F1501	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST015	LB034F1502	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	52	ug/kg	Y	Y	1.98597786
BIST021	LB094B2101	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094B2103	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094B2104	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094B2105	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094B2106	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094B2107	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094B2108	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094B2110	Spotted seatrout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11.5	ug/kg	N	N	0.439206642
BIST021	LB094F2103	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2104	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2115	Black Drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2104	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2115	Black Drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2118	Red drum	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2120	Spotted seatrout	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2121	Spotted seatrout	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	11	ug/kg	Y	Y	0.420110701
BIST021	LB094F2122	Spotted seatrout	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2124	Spotted seatrout	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	5	ug/kg	N	Y	0.19095941
BIST021	LB094F2151	Spotted seatrout	Whole Body	beta-BHC	4B	207	71	136	26.18357488	ug/kg	73	ug/kg	Y	Y	2.78800738
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	46	ug/kg	Y	N	1.756826568
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	6.9	ug/kg	N	N	0.263523985
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	beta-BHC	4B	207	71	136	26.18357488	ug/kg	6.9	ug/kg	N	N	0.263523985
BIST005	UB054B0501	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST005	UB054B0502	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST005	UB054B0503	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST005	UB054B0504	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST005	UB054B0505	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST005	UB054B0506	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST005	UB054F0501	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST005	UB054F0502	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST005	UB054F0503	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST005	UB054F0504	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST005	UB054F0514	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.005	mg/kg	N	Y	0.012115485
BIST005	UB054F0515	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST006	MB014B0602	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST006	MB014B0603	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST006	MB014B0604	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST006	MB014B0605	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST006	MB014B0606	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST006	MB014B0607	Red drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST006	MB014F0601	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST006	MB014F0602	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0605	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST015	LB034F1501	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST015	LB034F1502	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0115	mg/kg	N	N	0.027865616
BIST021	LB094F2103	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB094F2104	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB094F2115	Black Drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.002	mg/kg	N	Y	0.004846194
BIST021	LB094F2118	Red drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB094F2120	Spotted seatrout	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.004	mg/kg	Y	Y	0.009692388
BIST021	LB094F2121	Spotted seatrout	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB094F2122	Spotted seatrout	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB094F2124	Spotted seatrout	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
BIST021	LB094F2151	Spotted seatrout	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.0015	mg/kg	N	Y	0.003634646
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.575	mg/kg	N	N	1.393280817
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.575	mg/kg	N	N	1.393280817
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.25	mg/kg	N	Y	0.605774268
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.575	mg/kg	N	N	1.393280817
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Cadmium	4B	259	43	216	0.412694981	mg/kg	0.575	mg/kg	N	N	1.393280817
BIST005	UB054B0501	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.1495	mg/kg	N	N	0.001858125
BIST005	UB054B0502	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.1035	mg/kg	N	N	0.001286394
BIST005	UB054B0503	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.1265	mg/kg	N	N	0.00157226
BIST005	UB054B0504	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.115	mg/kg	N	N	0.001429327
BIST005	UB054B0505	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.1265	mg/kg	N	N	0.00157226
BIST005	UB054B0506	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.138	mg/kg	N	N	0.001715192
BIST005	UB054F0501	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.05	mg/kg	N	Y	0.000621447
BIST005	UB054F0502	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.28	mg/kg	Y	Y	0.0034801
BIST005	UB054F0503	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.19	mg/kg	Y	Y	0.002361497
BIST005	UB054F0504	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.25	mg/kg	Y	Y	0.003107233
BIST005	UB054F0514	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.055	mg/kg	N	Y	0.000683591
BIST005	UB054F0515	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.31	mg/kg	Y	Y	0.003852968
BIST006	MB014B0602	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.345	mg/kg	Y	N	0.004287981
BIST006	MB014B0603	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.299	mg/kg	Y	N	0.00371625
BIST006	MB014B0604	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.115	mg/kg	N	N	0.001429327
BIST006	MB014B0605	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.253	mg/kg	Y	N	0.003144519
BIST006	MB014B0606	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.276	mg/kg	Y	N	0.003430385
BIST006	MB014B0607	Red drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.299	mg/kg	Y	N	0.00371625
BIST006	MB014F0601	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.2	mg/kg	Y	Y	0.002485786
BIST006	MB014F0602	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.4	mg/kg	Y	Y	0.004971572
BIST006	MB014F0605	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.2	mg/kg	Y	Y	0.002485786
BIST015	LB034F1501	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.23	mg/kg	Y	Y	0.002858654
BIST015	LB034F1502	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.21	mg/kg	Y	Y	0.002610075
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.276	mg/kg	Y	N	0.003430385
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.0115	mg/kg	N	N	0.000142933
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.115	mg/kg	N	N	0.001429327
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.299	mg/kg	Y	N	0.00371625
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.23	mg/kg	Y	N	0.002858654
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.299	mg/kg	Y	N	0.00371625

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.368	mg/kg	Y	N	0.004573846
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	0.276	mg/kg	Y	N	0.003430385
BIST021	LB094F2103	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.08	mg/kg	Y	Y	0.000994314
BIST021	LB094F2104	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.26	mg/kg	Y	Y	0.003231522
BIST021	LB094F2115	Black Drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.29	mg/kg	Y	Y	0.00360439
BIST021	LB094F2118	Red drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.49	mg/kg	Y	Y	0.006090176
BIST021	LB094F2120	Spotted seatrout	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.13	mg/kg	Y	Y	0.001615761
BIST021	LB094F2121	Spotted seatrout	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.12	mg/kg	Y	Y	0.001491472
BIST021	LB094F2122	Spotted seatrout	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.12	mg/kg	Y	Y	0.001491472
BIST021	LB094F2124	Spotted seatrout	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.11	mg/kg	Y	Y	0.001367182
BIST021	LB094F2151	Spotted seatrout	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.11	mg/kg	Y	Y	0.001367182
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	1.173	mg/kg	Y	N	0.014579135
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	1.15	mg/kg	N	N	0.01429327
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Chromium	4B	235	235	0	80.45744681	mg/kg	0.59	mg/kg	Y	Y	0.007333069
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	1.15	mg/kg	N	N	0.01429327
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Chromium	4B	235	235	0	80.45744681	mg/kg	1.15	mg/kg	N	N	0.01429327
BIST005	UB054B0501	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST005	UB054B0502	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST005	UB054B0503	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST005	UB054B0504	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST005	UB054B0505	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST005	UB054B0506	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST005	UB054F0501	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	20	ug/kg	N	Y	0.018747304
BIST005	UB054F0502	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST005	UB054F0503	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST005	UB054F0504	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST005	UB054F0514	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	20	ug/kg	N	Y	0.018747304
BIST005	UB054F0515	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST006	MB014B0602	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST006	MB014B0603	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST006	MB014B0604	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST006	MB014B0605	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST006	MB014B0606	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST006	MB014B0607	Red drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST006	MB014F0601	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST006	MB014F0602	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST006	MB014F0605	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST015	LB034F1501	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST015	LB034F1502	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	51.75	ug/kg	N	N	0.048508648
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	46	ug/kg	N	N	0.043118799
BIST021	LB094F2103	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB094F2104	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB094F2118	Red drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB094F2120	Spotted seatrout	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB094F2121	Spotted seatrout	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB094F2122	Spotted seatrout	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413
BIST021	LB094F2124	Spotted seatrout	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	25	ug/kg	N	Y	0.02343413

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	1150	ug/kg	N	N	1.077969965
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	2300	ug/kg	N	N	2.155939931
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Chrysene	4B	264	55	209	1066.820076	ug/kg	500	ug/kg	N	Y	0.468682594
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	1150	ug/kg	N	N	1.077969965
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Chrysene	4B	264	55	209	1066.820076	ug/kg	1150	ug/kg	N	N	1.077969965
BIST005	UB054B0501	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.506	mg/kg	Y	N	0.005065013
BIST005	UB054B0502	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.529	mg/kg	Y	N	0.005295241
BIST005	UB054B0503	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.483	mg/kg	Y	N	0.004834785
BIST005	UB054B0504	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.621	mg/kg	Y	N	0.006216152
BIST005	UB054B0505	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.621	mg/kg	Y	N	0.006216152
BIST005	UB054B0506	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.621	mg/kg	Y	N	0.006216152
BIST005	UB054F0501	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.66	mg/kg	Y	Y	0.006606538
BIST005	UB054F0502	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.93	mg/kg	Y	Y	0.009309213
BIST005	UB054F0503	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.6	mg/kg	Y	Y	0.006005944
BIST005	UB054F0504	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	1.5	mg/kg	Y	Y	0.01501486
BIST005	UB054F0514	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.31	mg/kg	Y	Y	0.003103071
BIST005	UB054F0515	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	1.5	mg/kg	Y	Y	0.01501486
BIST006	MB014B0602	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.782	mg/kg	Y	N	0.007827747
BIST006	MB014B0603	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.782	mg/kg	Y	N	0.007827747
BIST006	MB014B0604	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.529	mg/kg	Y	N	0.005295241
BIST006	MB014B0605	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.782	mg/kg	Y	N	0.007827747
BIST006	MB014B0606	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.598	mg/kg	Y	N	0.005985924
BIST006	MB014B0607	Red drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.805	mg/kg	Y	N	0.008057975
BIST006	MB014F0601	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.62	mg/kg	Y	Y	0.006206142
BIST006	MB014F0602	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.95	mg/kg	Y	Y	0.009509411
BIST006	MB014F0605	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	1.3	mg/kg	Y	Y	0.013012879
BIST015	LB034F1501	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.46	mg/kg	Y	Y	0.004604557
BIST015	LB034F1502	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.88	mg/kg	Y	Y	0.008808718
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.552	mg/kg	Y	N	0.005525469
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.0115	mg/kg	N	N	0.000115114
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.805	mg/kg	Y	N	0.008057975
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.759	mg/kg	Y	N	0.007597519
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.69	mg/kg	Y	N	0.006906836
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.69	mg/kg	Y	N	0.006906836
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.782	mg/kg	Y	N	0.007827747
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	0.483	mg/kg	Y	N	0.004834785
BIST021	LB094F2103	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.55	mg/kg	Y	Y	0.005505449
BIST021	LB094F2104	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.46	mg/kg	Y	Y	0.004604557
BIST021	LB094F2115	Black Drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.77	mg/kg	Y	Y	0.007707628
BIST021	LB094F2118	Red drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.49	mg/kg	Y	Y	0.004904854
BIST021	LB094F2120	Spotted seatrout	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.48	mg/kg	Y	Y	0.004804755
BIST021	LB094F2121	Spotted seatrout	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.52	mg/kg	Y	Y	0.005205152
BIST021	LB094F2122	Spotted seatrout	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.46	mg/kg	Y	Y	0.004604557
BIST021	LB094F2124	Spotted seatrout	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.71	mg/kg	Y	Y	0.007107034
BIST021	LB094F2151	Spotted seatrout	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.69	mg/kg	Y	Y	0.006906836
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	1.035	mg/kg	Y	N	0.010360253
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	2.76	mg/kg	Y	N	0.027627343
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Copper	4B	262	260	2	99.90103053	mg/kg	0.87	mg/kg	Y	Y	0.008708619
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	1.472	mg/kg	Y	N	0.014734583
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Copper	4B	262	260	2	99.90103053	mg/kg	1.587	mg/kg	Y	N	0.015885722
BIST005	UB054B0501	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST005	UB054B0502	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST005	UB054B0503	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST005	UB054B0504	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054B0505	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST005	UB054B0506	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST005	UB054F0501	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST005	UB054F0502	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST005	UB054F0503	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST005	UB054F0504	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST005	UB054F0514	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST005	UB054F0515	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST006	MB014B0602	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST006	MB014B0603	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST006	MB014B0604	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST006	MB014B0605	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST006	MB014B0606	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST006	MB014B0607	Red drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST006	MB014F0601	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST006	MB014F0602	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST006	MB014F0605	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST015	LB034F1501	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST015	LB034F1502	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094B2101	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094B2103	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094B2104	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094B2105	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094B2106	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094B2107	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094B2108	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094B2110	Spotted seatrout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	11.5	ug/kg	N	N	1.787309763
BIST021	LB094F2103	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2104	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2115	Black Drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2118	Red drum	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2120	Spotted seatrout	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2121	Spotted seatrout	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2122	Spotted seatrout	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2124	Spotted seatrout	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
BIST021	LB094F2151	Spotted seatrout	Whole Body	delta-BHC	4B	207	38	169	6.434251208	ug/kg	5	ug/kg	N	Y	0.777091201
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	6.9	ug/kg	N	N	1.072385858
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	6.9	ug/kg	N	N	1.072385858
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	delta-BHC	4B	207	38	169	6.434251208	ug/kg	6.9	ug/kg	N	N	1.072385858
BIST005	UB054B0501	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST005	UB054B0502	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST005	UB054B0503	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST005	UB054B0504	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST005	UB054B0505	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST005	UB054B0506	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST005	UB054F0501	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	20	ug/kg	N	Y	0.018917262
BIST005	UB054F0502	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST005	UB054F0503	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST005	UB054F0504	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST005	UB054F0514	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	20	ug/kg	N	Y	0.018917262
BIST005	UB054F0515	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST006	MB014B0602	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST006	MB014B0603	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST006	MB014B0604	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0605	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST006	MB014B0606	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST006	MB014B0607	Red drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST006	MB014F0601	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST006	MB014F0602	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST006	MB014F0605	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST015	LB034F1501	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST015	LB034F1502	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	51.75	ug/kg	N	N	0.048948416
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	46	ug/kg	N	N	0.043509703
BIST021	LB094F2103	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB094F2104	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB094F2118	Red drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB094F2120	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB094F2121	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB094F2122	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
BIST021	LB094F2124	Spotted seatrout	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	25	ug/kg	N	Y	0.023646578
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	1150	ug/kg	N	N	1.087742582
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	2300	ug/kg	N	N	2.175485164
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	500	ug/kg	N	Y	0.472931557
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	1150	ug/kg	N	N	1.087742582
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Dibenzo(a,h)anthracene	4B	254	15	239	1057.235433	ug/kg	1150	ug/kg	N	N	1.087742582
BIST005	UB054B0501	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST005	UB054B0502	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST005	UB054B0503	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST005	UB054B0504	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST005	UB054B0505	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST005	UB054B0506	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST005	UB054F0501	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST005	UB054F0502	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST005	UB054F0503	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST005	UB054F0504	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST005	UB054F0514	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST005	UB054F0515	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST006	MB014B0602	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST006	MB014B0603	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST006	MB014B0604	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST006	MB014B0605	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST006	MB014B0606	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST006	MB014B0607	Red drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST006	MB014F0601	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST006	MB014F0602	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST006	MB014F0605	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST015	LB034F1501	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST015	LB034F1502	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	11.5	ug/kg	N	N	1.432896733
BIST021	LB094F2103	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2104	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2115	Black Drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2118	Red drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2120	Spotted seatrout	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2121	Spotted seatrout	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2122	Spotted seatrout	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2124	Spotted seatrout	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
BIST021	LB094F2151	Spotted seatrout	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	5	ug/kg	N	Y	0.622998579
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	6.9	ug/kg	N	N	0.85973804
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	6.9	ug/kg	N	N	0.85973804
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	3	ug/kg	N	Y	0.373799148
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	2.139	ug/kg	Y	N	0.266518792
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Endosulfan I	4B	207	8	199	8.025700483	ug/kg	6.9	ug/kg	N	N	0.85973804
BIST005	UB054B0501	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST005	UB054B0502	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST005	UB054B0503	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST005	UB054B0504	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST005	UB054B0505	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST005	UB054B0506	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST005	UB054F0501	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST005	UB054F0502	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST005	UB054F0503	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST005	UB054F0504	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST005	UB054F0514	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST005	UB054F0515	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST006	MB014B0602	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST006	MB014B0603	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST006	MB014B0604	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST006	MB014B0605	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST006	MB014B0606	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST006	MB014B0607	Red drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST006	MB014F0601	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST006	MB014F0602	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST006	MB014F0605	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST015	LB034F1501	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST015	LB034F1502	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	11.5	ug/kg	N	N	1.176339782
BIST021	LB094F2103	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094F2104	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094F2115	Black Drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094F2118	Red drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2120	Spotted seatrout	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094F2121	Spotted seatrout	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094F2122	Spotted seatrout	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094F2124	Spotted seatrout	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
BIST021	LB094F2151	Spotted seatrout	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	5	ug/kg	N	Y	0.511452079
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	6.9	ug/kg	N	N	0.705803869
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	18.86	ug/kg	Y	N	1.929197243
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	3	ug/kg	N	Y	0.306871247
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	6.9	ug/kg	N	N	0.705803869
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Endosulfan II	4B	207	14	193	9.776086957	ug/kg	6.9	ug/kg	N	N	0.705803869
BIST005	UB054B0501	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST005	UB054B0502	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST005	UB054B0503	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST005	UB054B0504	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST005	UB054B0505	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST005	UB054B0506	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST005	UB054F0501	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST005	UB054F0502	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST005	UB054F0503	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST005	UB054F0504	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST005	UB054F0514	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST005	UB054F0515	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST006	MB014B0602	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST006	MB014B0603	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST006	MB014B0604	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST006	MB014B0605	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST006	MB014B0606	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST006	MB014B0607	Red drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST006	MB014F0601	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST006	MB014F0602	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST006	MB014F0605	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST015	LB034F1501	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST015	LB034F1502	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	11.5	ug/kg	N	N	1.074412244
BIST021	LB094F2103	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2104	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2115	Black Drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2118	Red drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2120	Spotted seatrout	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2121	Spotted seatrout	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2122	Spotted seatrout	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2124	Spotted seatrout	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
BIST021	LB094F2151	Spotted seatrout	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	5	ug/kg	N	Y	0.467135758
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	6.9	ug/kg	N	N	0.644647346
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	6.9	ug/kg	N	N	0.644647346
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Endrin	4B	207	25	182	10.70352657	ug/kg	3	ug/kg	N	Y	0.280281455
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	4.14	ug/kg	Y	N	0.386788408

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Endrin	4B	207	25	182	10.70352657	ug/kg	6.9	ug/kg	N	N	0.644647346
BIST005	UB054B0501	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST005	UB054B0502	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST005	UB054B0503	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST005	UB054B0504	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST005	UB054B0505	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST005	UB054B0506	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST005	UB054F0501	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	20	ug/kg	N	Y	0.017850071
BIST005	UB054F0502	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST005	UB054F0503	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST005	UB054F0504	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST005	UB054F0514	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	20	ug/kg	N	Y	0.017850071
BIST005	UB054F0515	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST006	MB014B0602	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST006	MB014B0603	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST006	MB014B0604	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST006	MB014B0605	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST006	MB014B0606	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST006	MB014B0607	Red drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST006	MB014F0601	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST006	MB014F0602	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST006	MB014F0605	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST015	LB034F1501	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST015	LB034F1502	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	51.75	ug/kg	N	N	0.046187059
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	46	ug/kg	N	N	0.041055163
BIST021	LB094F2103	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2104	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2115	Black Drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2118	Red drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2120	Spotted seatrout	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2121	Spotted seatrout	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2122	Spotted seatrout	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2124	Spotted seatrout	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
BIST021	LB094F2151	Spotted seatrout	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	25	ug/kg	N	Y	0.022312589
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	1150	ug/kg	N	N	1.026379079
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	2300	ug/kg	N	N	2.052758158
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	500	ug/kg	N	Y	0.446251774
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	1150	ug/kg	N	N	1.026379079
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Fluoranthene	4B	263	50	213	1120.443726	ug/kg	1150	ug/kg	N	N	1.026379079
BIST005	UB054B0501	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST005	UB054B0502	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST005	UB054B0503	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST005	UB054B0504	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST005	UB054B0505	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST005	UB054B0506	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST005	UB054F0501	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	20	ug/kg	N	Y	0.01787367
BIST005	UB054F0502	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0503	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST005	UB054F0504	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST005	UB054F0514	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	20	ug/kg	N	Y	0.01787367
BIST005	UB054F0515	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST006	MB014B0602	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST006	MB014B0603	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST006	MB014B0604	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST006	MB014B0605	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST006	MB014B0606	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST006	MB014B0607	Red drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST006	MB014F0601	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST006	MB014F0602	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST006	MB014F0605	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST015	LB034F1501	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST015	LB034F1502	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	51.75	ug/kg	N	N	0.046248121
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	46	ug/kg	N	N	0.041109441
BIST021	LB094F2103	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2104	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2103	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2104	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2115	Black Drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2118	Red drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2120	Spotted seatrout	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2121	Spotted seatrout	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2122	Spotted seatrout	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2124	Spotted seatrout	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
BIST021	LB094F2151	Spotted seatrout	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	25	ug/kg	N	Y	0.022342088
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	1150	ug/kg	N	N	1.027736028
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	2300	ug/kg	N	N	2.055472057
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Fluorene	4B	247	10	237	1118.964372	ug/kg	500	ug/kg	N	Y	0.446841751
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	1150	ug/kg	N	N	1.027736028
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Fluorene	4B	247	10	237	1118.964372	ug/kg	1150	ug/kg	N	N	1.027736028
BIST005	UB054B0501	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST005	UB054B0502	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST005	UB054B0503	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST005	UB054B0504	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST005	UB054B0505	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST005	UB054B0506	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST005	UB054F0501	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST005	UB054F0502	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST005	UB054F0503	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST005	UB054F0504	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST005	UB054F0514	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST005	UB054F0515	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST006	MB014B0602	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST006	MB014B0603	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST006	MB014B0604	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST006	MB014B0605	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST006	MB014B0606	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0607	Red drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST006	MB014F0601	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST006	MB014F0602	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST006	MB014F0605	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST015	LB034F1501	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST015	LB034F1502	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094B2101	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094B2103	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094B2104	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094B2105	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094B2106	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094B2107	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094B2108	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094B2110	Spotted seatrout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	11.5	ug/kg	N	N	2.025612662
BIST021	LB094F2103	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2104	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2115	Black Drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2118	Red drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2120	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2121	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2122	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2124	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
BIST021	LB094F2151	Spotted seatrout	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	5	ug/kg	N	Y	0.880701157
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	6.9	ug/kg	N	N	1.215367597
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	2.53	ug/kg	Y	N	0.445634786
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	3	ug/kg	N	Y	0.528420694
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	6.9	ug/kg	N	N	1.215367597
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	gamma-BHC (Lindane)	4B	207	12	195	5.677294686	ug/kg	1.932	ug/kg	Y	N	0.340302927
BIST005	UB054B0501	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST005	UB054B0502	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST005	UB054B0503	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST005	UB054B0504	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST005	UB054B0505	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST005	UB054B0506	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST005	UB054F0501	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST005	UB054F0502	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST005	UB054F0503	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST005	UB054F0504	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST005	UB054F0514	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST005	UB054F0515	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST006	MB014B0602	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST006	MB014B0603	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST006	MB014B0604	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST006	MB014B0605	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST006	MB014B0606	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST006	MB014B0607	Red drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST006	MB014F0601	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST006	MB014F0602	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST006	MB014F0605	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST015	LB034F1501	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST015	LB034F1502	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094B2101	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST021	LB094B2103	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST021	LB094B2104	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2105	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST021	LB094B2106	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST021	LB094B2107	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST021	LB094B2108	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST021	LB094B2110	Spotted seatrout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11.5	ug/kg	N	N	1.299392471
BIST021	LB094F2103	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2104	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2115	Black Drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2118	Red drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2120	Spotted seatrout	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2121	Spotted seatrout	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2122	Spotted seatrout	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2124	Spotted seatrout	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
BIST021	LB094F2151	Spotted seatrout	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5	ug/kg	N	Y	0.564953248
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	9.89	ug/kg	Y	N	1.117477525
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	5.98	ug/kg	Y	N	0.675684085
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	11	ug/kg	Y	Y	1.242897146
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	6.9	ug/kg	N	N	0.779635482
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	gamma-Chlordane	4B	207	38	169	8.850289855	ug/kg	6.9	ug/kg	N	N	0.779635482
BIST005	UB054B0501	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST005	UB054B0502	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST005	UB054B0503	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST005	UB054B0504	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST005	UB054B0505	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST005	UB054B0506	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST005	UB054F0501	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST005	UB054F0502	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST005	UB054F0503	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST005	UB054F0504	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST005	UB054F0514	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST005	UB054F0515	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST006	MB014B0602	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST006	MB014B0603	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST006	MB014B0604	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST006	MB014B0605	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST006	MB014B0606	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST006	MB014B0607	Red drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST006	MB014F0601	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST006	MB014F0602	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST006	MB014F0605	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST015	LB034F1501	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST015	LB034F1502	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	11.5	ug/kg	N	N	1.401860903
BIST021	LB094F2103	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094F2104	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094F2115	Black Drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094F2118	Red drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2120	Spotted seatrout	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094F2121	Spotted seatrout	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094F2122	Spotted seatrout	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094F2124	Spotted seatrout	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
BIST021	LB094F2151	Spotted seatrout	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	5	ug/kg	N	Y	0.609504741
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	12.19	ug/kg	Y	N	1.485972558
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	22.77	ug/kg	Y	N	2.775684589
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Heptachlor	4B	207	11	196	8.203381643	ug/kg	19	ug/kg	Y	Y	2.316118014
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	6.9	ug/kg	N	N	0.841116542
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Heptachlor	4B	207	11	196	8.203381643	ug/kg	6.9	ug/kg	N	N	0.841116542
BIST005	UB054B0501	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST005	UB054B0502	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST005	UB054B0503	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST005	UB054B0504	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST005	UB054B0505	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST005	UB054B0506	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST005	UB054F0501	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST005	UB054F0502	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST005	UB054F0503	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST005	UB054F0504	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST005	UB054F0514	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST005	UB054F0515	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST006	MB014B0602	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST006	MB014B0603	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST006	MB014B0604	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST006	MB014B0605	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST006	MB014B0606	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST006	MB014B0607	Red drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST006	MB014F0601	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST006	MB014F0602	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST006	MB014F0605	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST015	LB034F1501	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST015	LB034F1502	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11.5	ug/kg	N	N	1.450843202
BIST021	LB094F2103	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2104	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2115	Black Drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2118	Red drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2120	Spotted seatrout	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2121	Spotted seatrout	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2122	Spotted seatrout	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2124	Spotted seatrout	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
BIST021	LB094F2151	Spotted seatrout	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	5	ug/kg	N	Y	0.630801392
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	10.58	ug/kg	Y	N	1.334775746
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	25.3	ug/kg	N	N	3.191855044
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	11	ug/kg	N	Y	1.387763062
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	25.3	ug/kg	N	N	3.191855044

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Heptachlor Epoxide	4B	207	9	198	7.926425121	ug/kg	25.3	ug/kg	N	N	3.191855044
BIST005	UB054B0501	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST005	UB054B0502	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST005	UB054B0503	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST005	UB054B0504	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST005	UB054B0505	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST005	UB054B0506	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST005	UB054F0501	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	20	ug/kg	N	Y	0.020127211
BIST005	UB054F0502	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST005	UB054F0503	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST005	UB054F0504	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST005	UB054F0514	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	20	ug/kg	N	Y	0.020127211
BIST005	UB054F0515	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST006	MB014B0602	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST006	MB014B0603	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST006	MB014B0604	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST006	MB014B0605	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST006	MB014B0606	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST006	MB014B0607	Red drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST006	MB014F0601	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST006	MB014F0602	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST006	MB014F0605	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST015	LB034F1501	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST015	LB034F1502	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	51.75	ug/kg	N	N	0.05207916
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	46	ug/kg	N	N	0.046292586
BIST021	LB094F2103	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2104	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2115	Black Drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2118	Red drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2120	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2121	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2122	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2124	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
BIST021	LB094F2151	Spotted seatrout	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	25	ug/kg	N	Y	0.025159014
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	1150	ug/kg	N	N	1.157314657
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	2300	ug/kg	N	N	2.314629315
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	500	ug/kg	N	Y	0.503180286
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	1150	ug/kg	N	N	1.157314657
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Hexachloro-1,3-butadiene	4B	270	15	255	993.6796296	ug/kg	1150	ug/kg	N	N	1.157314657
BIST005	UB054B0501	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST005	UB054B0502	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST005	UB054B0503	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST005	UB054B0504	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST005	UB054B0505	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST005	UB054B0506	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST005	UB054F0501	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	20	ug/kg	N	Y	0.017322505
BIST005	UB054F0502	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0503	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST005	UB054F0504	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST005	UB054F0514	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	20	ug/kg	N	Y	0.017322505
BIST005	UB054F0515	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST006	MB014B0602	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST006	MB014B0603	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST006	MB014B0604	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST006	MB014B0605	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST006	MB014B0606	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST006	MB014B0607	Red drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST006	MB014F0601	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST006	MB014F0602	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST006	MB014F0605	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST015	LB034F1501	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST015	LB034F1502	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	51.75	ug/kg	N	N	0.044821982
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	46	ug/kg	N	N	0.039841762
BIST021	LB094F2103	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2104	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2103	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2104	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2115	Black Drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2118	Red drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2120	Spotted seatrout	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2121	Spotted seatrout	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2122	Spotted seatrout	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2124	Spotted seatrout	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
BIST021	LB094F2151	Spotted seatrout	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	25	ug/kg	N	Y	0.021653131
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	1150	ug/kg	N	N	0.996044046
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	2300	ug/kg	N	N	1.992088092
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	500	ug/kg	N	Y	0.433062629
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	1150	ug/kg	N	N	0.996044046
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Hexachlorobenzene	4B	267	23	244	1154.567416	ug/kg	1150	ug/kg	N	N	0.996044046
BIST005	UB054B0501	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST005	UB054B0502	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST005	UB054B0503	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST005	UB054B0504	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST005	UB054B0505	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST005	UB054B0506	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST005	UB054F0501	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	20	ug/kg	N	Y	0.020141253
BIST005	UB054F0502	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST005	UB054F0503	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST005	UB054F0504	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST005	UB054F0514	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	20	ug/kg	N	Y	0.020141253
BIST005	UB054F0515	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST006	MB014B0602	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST006	MB014B0603	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST006	MB014B0604	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST006	MB014B0605	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST006	MB014B0606	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0607	Red drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST006	MB014F0601	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST006	MB014F0602	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST006	MB014F0605	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST015	LB034F1501	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST015	LB034F1502	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	51.75	ug/kg	N	N	0.052115492
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	46	ug/kg	N	N	0.046324881
BIST021	LB094F2103	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2104	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2115	Black Drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2118	Red drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2120	Spotted seatrout	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2121	Spotted seatrout	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2122	Spotted seatrout	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2124	Spotted seatrout	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
BIST021	LB094F2151	Spotted seatrout	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	25	ug/kg	N	Y	0.025176566
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	1150	ug/kg	N	N	1.158122036
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	2300	ug/kg	N	N	2.316244071
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	500	ug/kg	N	Y	0.50353132
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	1150	ug/kg	N	N	1.158122036
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Hexachloroethane	4B	267	0	267	992.9868914	ug/kg	1150	ug/kg	N	N	1.158122036
BIST005	UB054B0501	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST005	UB054B0502	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST005	UB054B0503	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST005	UB054B0504	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST005	UB054B0505	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST005	UB054B0506	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST005	UB054F0501	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	20	ug/kg	N	Y	0.019094909
BIST005	UB054F0502	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST005	UB054F0503	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST005	UB054F0504	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST005	UB054F0514	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	20	ug/kg	N	Y	0.019094909
BIST005	UB054F0515	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST006	MB014B0602	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST006	MB014B0603	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST006	MB014B0604	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST006	MB014B0605	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST006	MB014B0606	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST006	MB014B0607	Red drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST006	MB014F0601	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST006	MB014F0602	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST006	MB014F0605	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST015	LB034F1501	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST015	LB034F1502	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	51.75	ug/kg	N	N	0.049408076
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	46	ug/kg	N	N	0.04391829
BIST021	LB094F2103	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB094F2104	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB094F2118	Red drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB094F2120	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB094F2121	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB094F2122	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
BIST021	LB094F2124	Spotted seatrout	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	25	ug/kg	N	Y	0.023868636
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	1150	ug/kg	N	N	1.097957253
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	2300	ug/kg	N	N	2.195914507
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	500	ug/kg	N	Y	0.477372719
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	1150	ug/kg	N	N	1.097957253
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Indeno(1,2,3-cd)pyrene	4B	257	25	232	1047.399611	ug/kg	1150	ug/kg	N	N	1.097957253
BIST005	UB054B0501	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.184	mg/kg	Y	N	0.002671854
BIST005	UB054B0502	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.023	mg/kg	N	N	0.000333982
BIST005	UB054B0503	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.023	mg/kg	N	N	0.000333982
BIST005	UB054B0504	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.115	mg/kg	Y	N	0.001669909
BIST005	UB054B0505	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.322	mg/kg	Y	N	0.004675745
BIST005	UB054B0506	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.161	mg/kg	Y	N	0.002337873
BIST005	UB054F0501	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.06	mg/kg	Y	Y	0.000871257
BIST005	UB054F0502	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST005	UB054F0503	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST005	UB054F0504	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST005	UB054F0514	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.01	mg/kg	N	Y	0.000145209
BIST005	UB054F0515	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST006	MB014B0602	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.023	mg/kg	N	N	0.000333982
BIST006	MB014B0603	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.713	mg/kg	Y	N	0.010353435
BIST006	MB014B0604	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.046	mg/kg	Y	N	0.000667964
BIST006	MB014B0605	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.713	mg/kg	Y	N	0.010353435
BIST006	MB014B0606	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.575	mg/kg	Y	N	0.008349545
BIST006	MB014B0607	Red drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.184	mg/kg	Y	N	0.002671854
BIST006	MB014F0601	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST006	MB014F0602	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.09	mg/kg	Y	Y	0.001306885
BIST006	MB014F0605	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.05	mg/kg	Y	Y	0.000726047
BIST015	LB034F1501	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.07	mg/kg	Y	Y	0.001016466
BIST015	LB034F1502	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.06	mg/kg	Y	Y	0.000871257
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.299	mg/kg	Y	N	0.004341763
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.023	mg/kg	N	N	0.000333982
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.1265	mg/kg	N	N	0.0018369
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.598	mg/kg	Y	N	0.008683526
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.1265	mg/kg	N	N	0.0018369
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.207	mg/kg	Y	N	0.003005836
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.1265	mg/kg	N	N	0.0018369
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.23	mg/kg	Y	N	0.003339818
BIST021	LB094F2103	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST021	LB094F2104	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST021	LB094F2115	Black Drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.05	mg/kg	Y	Y	0.000726047
BIST021	LB094F2118	Red drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST021	LB094F2120	Spotted seatrout	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419
BIST021	LB094F2121	Spotted seatrout	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.02	mg/kg	N	Y	0.000290419

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2122	Spotted seatrout	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.04	mg/kg	Y	Y	0.000580838
BIST021	LB094F2124	Spotted seatrout	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.05	mg/kg	Y	Y	0.000726047
BIST021	LB094F2151	Spotted seatrout	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.06	mg/kg	Y	Y	0.000871257
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.943	mg/kg	Y	N	0.013693253
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.92	mg/kg	N	N	0.013359272
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Lead	4B	262	247	15	68.86603053	mg/kg	0.49	mg/kg	Y	Y	0.007115264
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.92	mg/kg	N	N	0.013359272
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Lead	4B	262	247	15	68.86603053	mg/kg	0.92	mg/kg	N	N	0.013359272
BIST005	UB054B0501	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	1.288	mg/kg	Y	N	0.65301573
BIST005	UB054B0502	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.4232	mg/kg	Y	N	0.214562311
BIST005	UB054B0503	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.6348	mg/kg	Y	N	0.321843467
BIST005	UB054B0504	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.4577	mg/kg	Y	N	0.232053804
BIST005	UB054B0505	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.5313	mg/kg	Y	N	0.269368988
BIST005	UB054B0506	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.6808	mg/kg	Y	N	0.345165457
BIST005	UB054F0501	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.273	mg/kg	Y	Y	0.138410943
BIST005	UB054F0502	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.173	mg/kg	Y	Y	0.087710964
BIST005	UB054F0503	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.103	mg/kg	Y	Y	0.052220978
BIST005	UB054F0504	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.209	mg/kg	Y	Y	0.105962956
BIST005	UB054F0514	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.26	mg/kg	Y	Y	0.131819945
BIST005	UB054F0515	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.13	mg/kg	Y	Y	0.065909973
BIST006	MB014B0602	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.7015	mg/kg	Y	N	0.355660353
BIST006	MB014B0603	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.5612	mg/kg	Y	N	0.284528282
BIST006	MB014B0604	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.5106	mg/kg	Y	N	0.258874093
BIST006	MB014B0605	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.621	mg/kg	Y	N	0.31484687
BIST006	MB014B0606	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.5658	mg/kg	Y	N	0.286860481
BIST006	MB014B0607	Red drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.5359	mg/kg	Y	N	0.271701187
BIST006	MB014F0601	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.277	mg/kg	Y	Y	0.140438942
BIST006	MB014F0602	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.292	mg/kg	Y	Y	0.148043939
BIST006	MB014F0605	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.178	mg/kg	Y	Y	0.090245963
BIST015	LB034F1501	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.71	mg/kg	Y	Y	0.359969851
BIST015	LB034F1502	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.46	mg/kg	Y	Y	0.233219903
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.4255	mg/kg	Y	N	0.215728411
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.1817	mg/kg	Y	N	0.092121862
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.4876	mg/kg	Y	N	0.247213098
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.2162	mg/kg	Y	N	0.109613355
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.1771	mg/kg	Y	N	0.089789663
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.1932	mg/kg	Y	N	0.097952359
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.4462	mg/kg	Y	N	0.226223306
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.3933	mg/kg	Y	N	0.199403017
BIST021	LB094F2103	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.144	mg/kg	Y	Y	0.07300797
BIST021	LB094F2104	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.092	mg/kg	Y	Y	0.046643981
BIST021	LB094F2115	Black Drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.098	mg/kg	Y	Y	0.049685979
BIST021	LB094F2118	Red drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.203	mg/kg	Y	Y	0.102920957
BIST021	LB094F2120	Spotted seatrout	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.239	mg/kg	Y	Y	0.12117295
BIST021	LB094F2121	Spotted seatrout	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.086	mg/kg	Y	Y	0.043601982
BIST021	LB094F2122	Spotted seatrout	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.08	mg/kg	Y	Y	0.040559983
BIST021	LB094F2124	Spotted seatrout	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.111	mg/kg	Y	Y	0.056276977
BIST021	LB094F2151	Spotted seatrout	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.38	mg/kg	Y	Y	0.19265992
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.368	mg/kg	Y	N	0.186575923
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.1127	mg/kg	Y	N	0.057138876
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Mercury	4B	262	225	37	1.972387405	mg/kg	0.043	mg/kg	Y	Y	0.021800991
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.368	mg/kg	Y	N	0.186575923
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Mercury	4B	262	225	37	1.972387405	mg/kg	0.1518	mg/kg	Y	N	0.076962568
BIST005	UB054B0501	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849

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							Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054B0502	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST005	UB054B0503	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST005	UB054B0504	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST005	UB054B0505	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST005	UB054B0506	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST005	UB054F0501	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST005	UB054F0502	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	22	ug/kg	Y	Y	0.678936928
BIST005	UB054F0503	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST005	UB054F0504	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST005	UB054F0514	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST005	UB054F0515	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST006	MB014B0602	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST006	MB014B0603	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST006	MB014B0604	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST006	MB014B0605	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST006	MB014B0606	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST006	MB014B0607	Red drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST006	MB014F0601	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST006	MB014F0602	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	10	ug/kg	Y	Y	0.308607695
BIST006	MB014F0605	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11	ug/kg	Y	Y	0.339468464
BIST015	LB034F1501	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST015	LB034F1502	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	11.5	ug/kg	N	N	0.354898849
BIST021	LB094F2103	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094F2104	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	10	ug/kg	Y	Y	0.308607695
BIST021	LB094F2115	Black Drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094F2118	Red drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094F2120	Spotted seatrout	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094F2121	Spotted seatrout	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094F2122	Spotted seatrout	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094F2124	Spotted seatrout	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
BIST021	LB094F2151	Spotted seatrout	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5	ug/kg	N	Y	0.154303847
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	12.65	ug/kg	N	N	0.390388734
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	12.65	ug/kg	N	N	0.390388734
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	5.5	ug/kg	N	Y	0.169734232
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	12.65	ug/kg	N	N	0.390388734
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Methoxychlor	4B	207	7	200	32.40359903	ug/kg	12.65	ug/kg	N	N	0.390388734
BIST005	UB054B0501	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.0345	mg/kg	N	N	0.001695456
BIST005	UB054B0502	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.069	mg/kg	Y	N	0.003390911
BIST005	UB054B0503	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.115	mg/kg	Y	N	0.005651519
BIST005	UB054B0504	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.069	mg/kg	Y	N	0.003390911
BIST005	UB054B0505	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.0345	mg/kg	N	N	0.001695456
BIST005	UB054B0506	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.069	mg/kg	Y	N	0.003390911
BIST005	UB054F0501	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.03	mg/kg	Y	Y	0.001474309
BIST005	UB054F0502	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.12	mg/kg	Y	Y	0.005897237
BIST005	UB054F0503	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST005	UB054F0504	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.11	mg/kg	Y	Y	0.005405801

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0514	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.04	mg/kg	Y	Y	0.001965746
BIST005	UB054F0515	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.06	mg/kg	Y	Y	0.002948619
BIST006	MB014B0602	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.0805	mg/kg	N	N	0.003956063
BIST006	MB014B0603	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.069	mg/kg	N	N	0.003390911
BIST006	MB014B0604	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.069	mg/kg	Y	N	0.003390911
BIST006	MB014B0605	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.0575	mg/kg	N	N	0.00282576
BIST006	MB014B0606	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.092	mg/kg	N	N	0.004521215
BIST006	MB014B0607	Red drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.414	mg/kg	Y	N	0.020345469
BIST006	MB014F0601	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.1	mg/kg	Y	Y	0.004914364
BIST006	MB014F0602	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.15	mg/kg	Y	Y	0.007371547
BIST006	MB014F0605	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.11	mg/kg	Y	Y	0.005405801
BIST015	LB034F1501	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST015	LB034F1502	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.0575	mg/kg	N	N	0.00282576
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.0345	mg/kg	N	N	0.001695456
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.368	mg/kg	Y	N	0.018084861
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.069	mg/kg	N	N	0.003390911
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.46	mg/kg	Y	N	0.022606076
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.0575	mg/kg	N	N	0.00282576
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.437	mg/kg	Y	N	0.021475772
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	0.161	mg/kg	Y	N	0.007912127
BIST021	LB094F2103	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094F2104	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.1	mg/kg	Y	Y	0.004914364
BIST021	LB094F2115	Black Drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094F2118	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094F2115	Black Drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094F2118	Red drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094F2120	Spotted seatrout	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094F2121	Spotted seatrout	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.1	mg/kg	Y	Y	0.004914364
BIST021	LB094F2122	Spotted seatrout	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
BIST021	LB094F2124	Spotted seatrout	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.13	mg/kg	Y	Y	0.006388674
BIST021	LB094F2151	Spotted seatrout	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	0.09	mg/kg	Y	Y	0.004422928
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	4.6	mg/kg	N	N	0.226060762
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	4.6	mg/kg	N	N	0.226060762
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Nickel	4B	262	250	12	20.34851145	mg/kg	2	mg/kg	N	Y	0.098287288
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	4.6	mg/kg	N	N	0.226060762
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Nickel	4B	262	250	12	20.34851145	mg/kg	4.6	mg/kg	N	N	0.226060762
BIST006	MB014B0602	Red drum	Fish Fille	OCDD	4B	72	72	0	4430.361111	ng/kg	0.7797	ng/kg	N	N	0.00017599
BIST006	MB014B0605	Red drum	Fish Fille	OCDD	4B	72	72	0	4430.361111	ng/kg	3.956	ng/kg	Y	N	0.000892929
BIST006	MB014B0607	Red drum	Fish Fille	OCDD	4B	72	72	0	4430.361111	ng/kg	1.2305	ng/kg	N	N	0.000277743
BIST006	MB014F0601	Red drum	Whole Body	OCDD	4B	72	72	0	4430.361111	ng/kg	0.75	ng/kg	N	Y	0.000169286
BIST015	LB034F1501	Red drum	Whole Body	OCDD	4B	72	72	0	4430.361111	ng/kg	1.16	ng/kg	N	Y	0.00026183
BIST021	LB094B2104	Spotted seatrout	Fish Fille	OCDD	4B	72	72	0	4430.361111	ng/kg	6.21	ng/kg	Y	N	0.001401692
BIST021	LB094B2106	Spotted seatrout	Fish Fille	OCDD	4B	72	72	0	4430.361111	ng/kg	1.0005	ng/kg	N	N	0.000225828
BIST021	LB094B2108	Spotted seatrout	Fish Fille	OCDD	4B	72	72	0	4430.361111	ng/kg	4.462	ng/kg	Y	N	0.001007141
BIST021	LB094F2103	Red drum	Whole Body	OCDD	4B	72	72	0	4430.361111	ng/kg	1.26	ng/kg	N	Y	0.000284401
BIST021	LB094F2120	Spotted seatrout	Whole Body	OCDD	4B	72	72	0	4430.361111	ng/kg	0.685	ng/kg	N	Y	0.000154615
BIST006	MB014B0602	Red drum	Fish Fille	OCDF	4B	72	70	2	17617.73472	ng/kg	0.851	ng/kg	N	N	4.83036E-05
BIST006	MB014B0605	Red drum	Fish Fille	OCDF	4B	72	70	2	17617.73472	ng/kg	0.92	ng/kg	N	N	5.22201E-05
BIST006	MB014B0607	Red drum	Fish Fille	OCDF	4B	72	70	2	17617.73472	ng/kg	0.7314	ng/kg	N	N	4.1515E-05
BIST006	MB014F0601	Red drum	Whole Body	OCDF	4B	72	70	2	17617.73472	ng/kg	1.075	ng/kg	N	Y	6.10181E-05
BIST015	LB034F1501	Red drum	Whole Body	OCDF	4B	72	70	2	17617.73472	ng/kg	0.2645	ng/kg	N	Y	1.50133E-05
BIST021	LB094B2104	Spotted seatrout	Fish Fille	OCDF	4B	72	70	2	17617.73472	ng/kg	1.2305	ng/kg	N	N	6.98444E-05
BIST021	LB094B2106	Spotted seatrout	Fish Fille	OCDF	4B	72	70	2	17617.73472	ng/kg	1.03845	ng/kg	N	N	5.89434E-05
BIST021	LB094B2108	Spotted seatrout	Fish Fille	OCDF	4B	72	70	2	17617.73472	ng/kg	1.5295	ng/kg	N	N	8.68159E-05
BIST021	LB094F2103	Red drum	Whole Body	OCDF	4B	72	70	2	17617.73472	ng/kg	0.162	ng/kg	N	Y	9.19528E-06

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2120	Spotted seatrout	Whole Body	OCDF	4B	72	70	2	17617.73472	ng/kg	0.248	ng/kg	N	Y	1.40767E-05
BIST006	MB014B0602	Red drum	Fish Fille	PCB-105	4B	44	44	0	54855.38455	ng/kg	11615	ng/kg	Y	N	0.211738558
BIST006	MB014B0605	Red drum	Fish Fille	PCB-105	4B	44	44	0	54855.38455	ng/kg	6969	ng/kg	Y	N	0.127043135
BIST006	MB014B0607	Red drum	Fish Fille	PCB-105	4B	44	44	0	54855.38455	ng/kg	4899	ng/kg	Y	N	0.08930755
BIST006	MB014F0601	Red drum	Whole Body	PCB-105	4B	44	44	0	54855.38455	ng/kg	11700	ng/kg	Y	Y	0.213288086
BIST015	LB034F1501	Red drum	Whole Body	PCB-105	4B	44	44	0	54855.38455	ng/kg	3980	ng/kg	Y	Y	0.072554409
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-105	4B	44	44	0	54855.38455	ng/kg	1851.5	ng/kg	Y	N	0.033752384
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-105	4B	44	44	0	54855.38455	ng/kg	729.1	ng/kg	Y	N	0.013291311
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-105	4B	44	44	0	54855.38455	ng/kg	3703	ng/kg	Y	N	0.067504768
BIST021	LB094F2103	Red drum	Whole Body	PCB-105	4B	44	44	0	54855.38455	ng/kg	718	ng/kg	Y	Y	0.013088961
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-105	4B	44	44	0	54855.38455	ng/kg	5550	ng/kg	Y	Y	0.101175118
BIST006	MB014B0602	Red drum	Fish Fille	PCB-114	4B	44	43	1	4189.614705	ng/kg	591.1	ng/kg	Y	N	0.141086959
BIST006	MB014B0605	Red drum	Fish Fille	PCB-114	4B	44	43	1	4189.614705	ng/kg	347.3	ng/kg	Y	N	0.082895451
BIST006	MB014B0607	Red drum	Fish Fille	PCB-114	4B	44	43	1	4189.614705	ng/kg	215.05	ng/kg	Y	N	0.051329302
BIST006	MB014F0601	Red drum	Whole Body	PCB-114	4B	44	43	1	4189.614705	ng/kg	546	ng/kg	Y	Y	0.130322246
BIST015	LB034F1501	Red drum	Whole Body	PCB-114	4B	44	43	1	4189.614705	ng/kg	355	ng/kg	Y	Y	0.084733329
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-114	4B	44	43	1	4189.614705	ng/kg	126.96	ng/kg	Y	N	0.030303503
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-114	4B	44	43	1	4189.614705	ng/kg	44.62	ng/kg	Y	N	0.010650144
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-114	4B	44	43	1	4189.614705	ng/kg	248.4	ng/kg	Y	N	0.059289462
BIST021	LB094F2103	Red drum	Whole Body	PCB-114	4B	44	43	1	4189.614705	ng/kg	38.3	ng/kg	Y	Y	0.009141652
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-114	4B	44	43	1	4189.614705	ng/kg	339	ng/kg	Y	Y	0.080914362
BIST006	MB014B0602	Red drum	Fish Fille	PCB-118	4B	17	17	0	31049.41176	ng/kg	45080	ng/kg	Y	N	1.451879357
BIST006	MB014B0605	Red drum	Fish Fille	PCB-118	4B	17	17	0	31049.41176	ng/kg	27600	ng/kg	Y	N	0.888905729
BIST006	MB014B0607	Red drum	Fish Fille	PCB-118	4B	17	17	0	31049.41176	ng/kg	19941	ng/kg	Y	N	0.642234389
BIST006	MB014F0601	Red drum	Whole Body	PCB-118	4B	17	17	0	31049.41176	ng/kg	47300	ng/kg	Y	Y	1.523378296
BIST015	LB034F1501	Red drum	Whole Body	PCB-118	4B	17	17	0	31049.41176	ng/kg	15100	ng/kg	Y	Y	0.486321613
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-118	4B	17	17	0	31049.41176	ng/kg	7774	ng/kg	Y	N	0.250375114
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-118	4B	17	17	0	31049.41176	ng/kg	2990	ng/kg	Y	N	0.096298121
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-118	4B	17	17	0	31049.41176	ng/kg	14996	ng/kg	Y	N	0.482972113
BIST021	LB094F2103	Red drum	Whole Body	PCB-118	4B	17	17	0	31049.41176	ng/kg	2770	ng/kg	Y	Y	0.08921264
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-118	4B	17	17	0	31049.41176	ng/kg	23400	ng/kg	Y	Y	0.753637466
BIST006	MB014B0602	Red drum	Fish Fille	PCB-126	4B	44	41	3	1597.883523	ng/kg	239.2	ng/kg	Y	N	0.14969802
BIST006	MB014B0605	Red drum	Fish Fille	PCB-126	4B	44	41	3	1597.883523	ng/kg	129.03	ng/kg	Y	N	0.080750567
BIST006	MB014B0607	Red drum	Fish Fille	PCB-126	4B	44	41	3	1597.883523	ng/kg	70.84	ng/kg	Y	N	0.044333644
BIST006	MB014F0601	Red drum	Whole Body	PCB-126	4B	44	41	3	1597.883523	ng/kg	291	ng/kg	Y	Y	0.182115903
BIST015	LB034F1501	Red drum	Whole Body	PCB-126	4B	44	41	3	1597.883523	ng/kg	25.7	ng/kg	Y	Y	0.016083776
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-126	4B	44	41	3	1597.883523	ng/kg	49.22	ng/kg	Y	N	0.030803246
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-126	4B	44	41	3	1597.883523	ng/kg	19.481	ng/kg	Y	N	0.012191752
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-126	4B	44	41	3	1597.883523	ng/kg	99.36	ng/kg	Y	N	0.062182255
BIST021	LB094F2103	Red drum	Whole Body	PCB-126	4B	44	41	3	1597.883523	ng/kg	16.4	ng/kg	Y	Y	0.010263577
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-126	4B	44	41	3	1597.883523	ng/kg	111	ng/kg	Y	Y	0.069466891
BIST006	MB014B0602	Red drum	Fish Fille	PCB-156	4B	44	44	0	19353.21886	ng/kg	5750	ng/kg	Y	N	0.297108199
BIST006	MB014B0605	Red drum	Fish Fille	PCB-156	4B	44	44	0	19353.21886	ng/kg	3082	ng/kg	Y	N	0.159249995
BIST006	MB014B0607	Red drum	Fish Fille	PCB-156	4B	44	44	0	19353.21886	ng/kg	2484	ng/kg	Y	N	0.128350742
BIST006	MB014F0601	Red drum	Whole Body	PCB-156	4B	44	44	0	19353.21886	ng/kg	5920	ng/kg	Y	Y	0.305892267
BIST015	LB034F1501	Red drum	Whole Body	PCB-156	4B	44	44	0	19353.21886	ng/kg	1930	ng/kg	Y	Y	0.099725013
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-156	4B	44	44	0	19353.21886	ng/kg	1014.3	ng/kg	Y	N	0.052409886
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-156	4B	44	44	0	19353.21886	ng/kg	326.6	ng/kg	Y	N	0.016875746
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-156	4B	44	44	0	19353.21886	ng/kg	1791.7	ng/kg	Y	N	0.092578915
BIST021	LB094F2103	Red drum	Whole Body	PCB-156	4B	44	44	0	19353.21886	ng/kg	310	ng/kg	Y	Y	0.016018007
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-156	4B	44	44	0	19353.21886	ng/kg	3050	ng/kg	Y	Y	0.157596523
BIST006	MB014B0602	Red drum	Fish Fille	PCB-157	4B	44	43	1	4872.01125	ng/kg	1626.1	ng/kg	Y	N	0.333763597
BIST006	MB014B0605	Red drum	Fish Fille	PCB-157	4B	44	43	1	4872.01125	ng/kg	913.1	ng/kg	Y	N	0.187417465
BIST006	MB014B0607	Red drum	Fish Fille	PCB-157	4B	44	43	1	4872.01125	ng/kg	770.5	ng/kg	Y	N	0.158148239

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014F0601	Red drum	Whole Body	PCB-157	4B	44	43	1	4872.01125	ng/kg	1720	ng/kg	Y	Y	0.353036952
BIST015	LB034F1501	Red drum	Whole Body	PCB-157	4B	44	43	1	4872.01125	ng/kg	574	ng/kg	Y	Y	0.11781582
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-157	4B	44	43	1	4872.01125	ng/kg	266.8	ng/kg	Y	N	0.054761778
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-157	4B	44	43	1	4872.01125	ng/kg	84.41	ng/kg	Y	N	0.017325494
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-157	4B	44	43	1	4872.01125	ng/kg	439.3	ng/kg	Y	N	0.0901681
BIST021	LB094F2103	Red drum	Whole Body	PCB-157	4B	44	43	1	4872.01125	ng/kg	84.6	ng/kg	Y	Y	0.017364492
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-157	4B	44	43	1	4872.01125	ng/kg	800	ng/kg	Y	Y	0.164203233
BIST006	MB014B0602	Red drum	Fish Fille	PCB-167	4B	44	44	0	9466.621591	ng/kg	3243	ng/kg	Y	N	0.342572054
BIST006	MB014B0605	Red drum	Fish Fille	PCB-167	4B	44	44	0	9466.621591	ng/kg	1672.1	ng/kg	Y	N	0.176631123
BIST006	MB014B0607	Red drum	Fish Fille	PCB-167	4B	44	44	0	9466.621591	ng/kg	1350.1	ng/kg	Y	N	0.142616876
BIST006	MB014F0601	Red drum	Whole Body	PCB-167	4B	44	44	0	9466.621591	ng/kg	3040	ng/kg	Y	Y	0.32112829
BIST015	LB034F1501	Red drum	Whole Body	PCB-167	4B	44	44	0	9466.621591	ng/kg	775	ng/kg	Y	Y	0.081866587
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-167	4B	44	44	0	9466.621591	ng/kg	664.7	ng/kg	Y	N	0.070215123
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-167	4B	44	44	0	9466.621591	ng/kg	214.82	ng/kg	Y	N	0.022692362
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-167	4B	44	44	0	9466.621591	ng/kg	1147.7	ng/kg	Y	N	0.121236493
BIST021	LB094F2103	Red drum	Whole Body	PCB-167	4B	44	44	0	9466.621591	ng/kg	181	ng/kg	Y	Y	0.019119809
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-167	4B	44	44	0	9466.621591	ng/kg	2040	ng/kg	Y	Y	0.215493984
BIST006	MB014B0602	Red drum	Fish Fille	PCB-169	4B	44	26	18	119.4723864	ng/kg	22.655	ng/kg	N	N	0.189625408
BIST006	MB014B0605	Red drum	Fish Fille	PCB-169	4B	44	26	18	119.4723864	ng/kg	22.655	ng/kg	N	N	0.189625408
BIST006	MB014B0607	Red drum	Fish Fille	PCB-169	4B	44	26	18	119.4723864	ng/kg	22.77	ng/kg	N	N	0.190587973
BIST006	MB014F0601	Red drum	Whole Body	PCB-169	4B	44	26	18	119.4723864	ng/kg	9.9	ng/kg	N	Y	0.082864336
BIST015	LB034F1501	Red drum	Whole Body	PCB-169	4B	44	26	18	119.4723864	ng/kg	9.95	ng/kg	N	Y	0.083282843
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-169	4B	44	26	18	119.4723864	ng/kg	23	ng/kg	N	N	0.192513104
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-169	4B	44	26	18	119.4723864	ng/kg	3.7605	ng/kg	N	N	0.031475893
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-169	4B	44	26	18	119.4723864	ng/kg	7.59	ng/kg	Y	N	0.063529324
BIST021	LB094F2103	Red drum	Whole Body	PCB-169	4B	44	26	18	119.4723864	ng/kg	9.95	ng/kg	N	Y	0.083282843
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-169	4B	44	26	18	119.4723864	ng/kg	9.9	ng/kg	N	Y	0.082864336
BIST006	MB014B0602	Red drum	Fish Fille	PCB-189	4B	44	44	0	2453.559091	ng/kg	273.7	ng/kg	Y	N	0.111552235
BIST006	MB014B0605	Red drum	Fish Fille	PCB-189	4B	44	44	0	2453.559091	ng/kg	133.17	ng/kg	Y	N	0.054276255
BIST006	MB014B0607	Red drum	Fish Fille	PCB-189	4B	44	44	0	2453.559091	ng/kg	92.46	ng/kg	Y	N	0.037684032
BIST006	MB014F0601	Red drum	Whole Body	PCB-189	4B	44	44	0	2453.559091	ng/kg	380	ng/kg	Y	Y	0.154877052
BIST015	LB034F1501	Red drum	Whole Body	PCB-189	4B	44	44	0	2453.559091	ng/kg	92.2	ng/kg	Y	Y	0.037578064
BIST021	LB094B2104	Spotted seatrout	Fish Fille	PCB-189	4B	44	44	0	2453.559091	ng/kg	181.47	ng/kg	Y	N	0.073961944
BIST021	LB094B2106	Spotted seatrout	Fish Fille	PCB-189	4B	44	44	0	2453.559091	ng/kg	51.98	ng/kg	Y	N	0.02118555
BIST021	LB094B2108	Spotted seatrout	Fish Fille	PCB-189	4B	44	44	0	2453.559091	ng/kg	262.2	ng/kg	Y	N	0.106865166
BIST021	LB094F2103	Red drum	Whole Body	PCB-189	4B	44	44	0	2453.559091	ng/kg	32.7	ng/kg	Y	Y	0.013327578
BIST021	LB094F2120	Spotted seatrout	Whole Body	PCB-189	4B	44	44	0	2453.559091	ng/kg	568	ng/kg	Y	Y	0.231500436
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	115	ug/kg	N	N	0.04197935
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	126.5	ug/kg	N	N	0.046177285
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	115	ug/kg	N	N	0.04197935
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	115	ug/kg	N	N	0.04197935
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	5750	ug/kg	N	N	2.098967486
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	11500	ug/kg	N	N	4.197934972
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	2500	ug/kg	N	Y	0.912594559
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	5750	ug/kg	N	N	2.098967486
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Pentachlorophenol	4B	242	0	242	2739.442149	ug/kg	5750	ug/kg	N	N	2.098967486
BIST005	UB054B0501	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST005	UB054B0502	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST005	UB054B0503	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST005	UB054B0504	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST005	UB054B0505	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST005	UB054B0506	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST005	UB054F0501	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	20	ug/kg	N	Y	0.02004205
BIST005	UB054F0502	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0503	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST005	UB054F0504	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST005	UB054F0514	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	20	ug/kg	N	Y	0.02004205
BIST005	UB054F0515	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST006	MB014B0602	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST006	MB014B0603	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST006	MB014B0604	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST006	MB014B0605	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST006	MB014B0606	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST006	MB014B0607	Red drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST006	MB014F0601	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST006	MB014F0602	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST006	MB014F0605	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST015	LB034F1501	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST015	LB034F1502	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	51.75	ug/kg	N	N	0.051858805
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	46	ug/kg	N	N	0.046096715
BIST021	LB094F2103	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2104	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2103	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2104	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2115	Black Drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2118	Red drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2120	Spotted seatrout	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2121	Spotted seatrout	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2122	Spotted seatrout	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2124	Spotted seatrout	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
BIST021	LB094F2151	Spotted seatrout	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	25	ug/kg	N	Y	0.025052563
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	1150	ug/kg	N	N	1.152417878
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	2300	ug/kg	N	N	2.304835757
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	500	ug/kg	N	Y	0.501051251
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	1150	ug/kg	N	N	1.152417878
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Phenanthrene	4B	262	35	227	997.9019084	ug/kg	1150	ug/kg	N	N	1.152417878
BIST005	UB054B0501	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST005	UB054B0502	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST005	UB054B0503	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST005	UB054B0504	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST005	UB054B0505	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST005	UB054B0506	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST005	UB054F0501	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	20	ug/kg	N	Y	0.018210137
BIST005	UB054F0502	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST005	UB054F0503	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST005	UB054F0504	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST005	UB054F0514	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	20	ug/kg	N	Y	0.018210137
BIST005	UB054F0515	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST006	MB014B0602	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST006	MB014B0603	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST006	MB014B0604	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST006	MB014B0605	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST006	MB014B0606	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0607	Red drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST006	MB014F0601	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST006	MB014F0602	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST006	MB014F0605	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST015	LB034F1501	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST015	LB034F1502	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	51.75	ug/kg	N	N	0.047118729
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	46	ug/kg	N	N	0.041883314
BIST021	LB094F2103	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB094F2104	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB094F2118	Red drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB094F2120	Spotted seatrout	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB094F2121	Spotted seatrout	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB094F2122	Spotted seatrout	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
BIST021	LB094F2124	Spotted seatrout	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	25	ug/kg	N	Y	0.022762671
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	1150	ug/kg	N	N	1.04708286
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	2300	ug/kg	N	N	2.094165721
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Pyrene	4B	264	83	181	1098.289394	ug/kg	500	ug/kg	N	Y	0.455253418
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	1150	ug/kg	N	N	1.04708286
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Pyrene	4B	264	83	181	1098.289394	ug/kg	1150	ug/kg	N	N	1.04708286
BIST005	UB054B0501	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.242	mg/kg	Y	N	1.253387156
BIST005	UB054B0502	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.748	mg/kg	Y	N	1.764026367
BIST005	UB054B0503	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.426	mg/kg	Y	N	1.439074142
BIST005	UB054B0504	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.15	mg/kg	Y	N	1.160543663
BIST005	UB054B0505	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.242	mg/kg	Y	N	1.253387156
BIST005	UB054B0506	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.196	mg/kg	Y	N	1.206965409
BIST005	UB054F0501	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.46	mg/kg	Y	Y	0.464217465
BIST005	UB054F0502	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.3	mg/kg	Y	Y	0.302750521
BIST005	UB054F0503	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.58	mg/kg	Y	Y	0.585317673
BIST005	UB054F0504	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.42	mg/kg	Y	Y	0.423850729
BIST005	UB054F0514	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.52	mg/kg	Y	Y	0.524767569
BIST005	UB054F0515	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.46	mg/kg	Y	Y	0.464217465
BIST006	MB014B0602	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.449	mg/kg	Y	N	1.462285015
BIST006	MB014B0603	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.127	mg/kg	Y	N	1.137332789
BIST006	MB014B0604	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.219	mg/kg	Y	N	1.230176282
BIST006	MB014B0605	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.173	mg/kg	Y	N	1.183754536
BIST006	MB014B0606	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.035	mg/kg	Y	N	1.044489296
BIST006	MB014B0607	Red drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.288	mg/kg	Y	N	1.299808902
BIST006	MB014F0601	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.24	mg/kg	Y	Y	0.242200417
BIST006	MB014F0602	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.35	mg/kg	Y	Y	0.353208941
BIST006	MB014F0605	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.41	mg/kg	Y	Y	0.413759045
BIST015	LB034F1501	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.43	mg/kg	Y	Y	0.433942413
BIST015	LB034F1502	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.52	mg/kg	Y	Y	0.524767569
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.955	mg/kg	Y	N	1.972924226
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	0.0345	mg/kg	N	N	0.03481631
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.587	mg/kg	Y	N	1.601550254
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.84	mg/kg	Y	N	1.85686986
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.472	mg/kg	Y	N	1.485495888

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.311	mg/kg	Y	N	1.323019775
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.656	mg/kg	Y	N	1.671182874
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	1.863	mg/kg	Y	N	1.880080733
BIST021	LB094F2103	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.62	mg/kg	Y	Y	0.625684409
BIST021	LB094F2104	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.5	mg/kg	Y	Y	0.504584201
BIST021	LB094F2115	Black Drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.64	mg/kg	Y	Y	0.645867777
BIST021	LB094F2118	Red drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.32	mg/kg	Y	Y	0.322933889
BIST021	LB094F2120	Spotted seatrout	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.71	mg/kg	Y	Y	0.716509566
BIST021	LB094F2121	Spotted seatrout	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.69	mg/kg	Y	Y	0.696326198
BIST021	LB094F2122	Spotted seatrout	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.67	mg/kg	Y	Y	0.67614283
BIST021	LB094F2124	Spotted seatrout	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.55	mg/kg	Y	Y	0.555042621
BIST021	LB094F2151	Spotted seatrout	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	0.64	mg/kg	Y	Y	0.645867777
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	3.45	mg/kg	Y	N	3.481630988
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	2.99	mg/kg	Y	N	3.017413523
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Selenium	4B	235	38	197	0.990914894	mg/kg	1.1	mg/kg	Y	Y	1.110085243
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	2.76	mg/kg	Y	N	2.78530479
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Selenium	4B	235	38	197	0.990914894	mg/kg	3.22	mg/kg	Y	N	3.249522255
BIST005	UB054B0501	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST005	UB054B0502	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST005	UB054B0503	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST005	UB054B0504	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST005	UB054B0505	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST005	UB054B0506	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST005	UB054F0501	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST005	UB054F0502	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST005	UB054F0503	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST005	UB054F0504	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST005	UB054F0514	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST005	UB054F0515	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST006	MB014B0602	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST006	MB014B0603	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST006	MB014B0604	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST006	MB014B0605	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST006	MB014B0606	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST006	MB014B0607	Red drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST006	MB014F0601	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST006	MB014F0602	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST006	MB014F0605	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST015	LB034F1501	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST015	LB034F1502	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23	ug/kg	N	N	1.350409159
BIST021	LB094F2103	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094F2104	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094F2115	Black Drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094F2118	Red drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094F2121	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2122	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094F2124	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
BIST021	LB094F2151	Spotted seatrout	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	10	ug/kg	N	Y	0.587134417
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23.46	ug/kg	Y	N	1.377417342
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	24.38	ug/kg	Y	N	1.431433709
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	14.8	ug/kg	Y	Y	0.868958937
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	23.92	ug/kg	Y	N	1.404425526
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Total Chlordane (U=1/2; max ND)	4B	208	56	152	17.031875	ug/kg	13.8	ug/kg	N	N	0.810245496
BIST005	UB054B0501	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST005	UB054B0502	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST005	UB054B0503	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST005	UB054B0504	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST005	UB054B0505	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST005	UB054B0506	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST005	UB054F0501	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST005	UB054F0502	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST005	UB054F0503	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	76	ug/kg	Y	Y	2.940822519
BIST005	UB054F0504	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST005	UB054F0514	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST005	UB054F0515	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST006	MB014B0602	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014B0603	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014B0604	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014B0605	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014B0606	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014B0605	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014B0606	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014B0607	Red drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST006	MB014F0601	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	21	ug/kg	Y	Y	0.812595696
BIST006	MB014F0602	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST006	MB014F0605	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST015	LB034F1501	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST015	LB034F1502	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	23	ug/kg	N	N	0.889985762
BIST021	LB094F2103	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2104	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2115	Black Drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2118	Red drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2121	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2122	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2124	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	10	ug/kg	N	Y	0.386950331
BIST021	LB094F2151	Spotted seatrout	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	27	ug/kg	Y	Y	1.044765895
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	13.8	ug/kg	N	N	0.533991457
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	37.26	ug/kg	Y	N	1.441776935
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	7.4	ug/kg	Y	Y	0.286343245
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	12.466	ug/kg	Y	N	0.482372283
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Total DDT (U=1/2; max ND)	4B	209	71	138	25.84311005	ug/kg	13.8	ug/kg	N	N	0.533991457
BIST006	MB014B0602	Red drum	Fish Fille	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	1.46259921	ng/kg	Y	N	0.007230664

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST006	MB014B0605	Red drum	Fish Fille	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	1.0239048	ng/kg	Y	N	0.005061887
BIST006	MB014B0607	Red drum	Fish Fille	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	0.75379257	ng/kg	Y	N	0.003726531
BIST006	MB014F0601	Red drum	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	1.1348875	ng/kg	Y	Y	0.005610553
BIST015	LB034F1501	Red drum	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	0.94875235	ng/kg	Y	Y	0.004690355
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	1.49432265	ng/kg	Y	N	0.007387496
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	1.478476685	ng/kg	Y	N	0.007309158
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	1.67553045	ng/kg	Y	N	0.008283334
BIST021	LB094F2103	Red drum	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	0.3509616	ng/kg	Y	Y	0.001735052
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	4B	52	52	0	202.2772923	ng/kg	1.9601699	ng/kg	Y	Y	0.009690509
BIST005	UB054B0501	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST005	UB054B0502	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST005	UB054B0503	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST005	UB054B0504	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST005	UB054B0505	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST005	UB054B0506	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST005	UB054F0501	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	40	ug/kg	N	Y	0.011146949
BIST005	UB054F0502	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST005	UB054F0503	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST005	UB054F0504	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST005	UB054F0514	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	40	ug/kg	N	Y	0.011146949
BIST005	UB054F0515	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST006	MB014B0602	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014B0603	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014B0604	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014B0605	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014B0604	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014B0605	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014B0606	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014B0607	Red drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST006	MB014F0601	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST006	MB014F0602	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST006	MB014F0605	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST015	LB034F1501	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST015	LB034F1502	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	103.5	ug/kg	N	N	0.028842731
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	92	ug/kg	N	N	0.025637983
BIST021	LB094F2103	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2104	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2115	Black Drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2118	Red drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2121	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2122	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2124	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
BIST021	LB094F2151	Spotted seatrout	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	50	ug/kg	N	Y	0.013933687
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	2300	ug/kg	N	N	0.640949585
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	4600	ug/kg	N	N	1.28189917
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	1000	ug/kg	N	Y	0.278673733
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	2300	ug/kg	N	N	0.640949585
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Total HPAH (U=1/2; max ND)	4B	264	89	175	3588.425758	ug/kg	2300	ug/kg	N	N	0.640949585

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054B0501	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST005	UB054B0502	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST005	UB054B0503	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST005	UB054B0504	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST005	UB054B0505	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST005	UB054B0506	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST005	UB054F0501	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	40	ug/kg	N	Y	0.008518806
BIST005	UB054F0502	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST005	UB054F0503	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST005	UB054F0504	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST005	UB054F0514	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	40	ug/kg	N	Y	0.008518806
BIST005	UB054F0515	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST006	MB014B0602	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST006	MB014B0603	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST006	MB014B0604	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST006	MB014B0605	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST006	MB014B0606	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST006	MB014B0607	Red drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST006	MB014F0601	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST006	MB014F0602	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST006	MB014F0605	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST015	LB034F1501	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST015	LB034F1502	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	103.5	ug/kg	N	N	0.022042411
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	92	ug/kg	N	N	0.019593254
BIST021	LB094F2103	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2104	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2115	Black Drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2118	Red drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2121	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2122	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2124	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
BIST021	LB094F2151	Spotted seatrout	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	50	ug/kg	N	Y	0.010648508
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	2300	ug/kg	N	N	0.489831353
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	4600	ug/kg	N	N	0.979662706
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	1000	ug/kg	N	Y	0.212970154
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	2300	ug/kg	N	N	0.489831353
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Total LPAH (U=1/2; max ND)	4B	267	44	223	4695.493633	ug/kg	2300	ug/kg	N	N	0.489831353
BIST005	UB054B0501	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST005	UB054B0502	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST005	UB054B0503	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST005	UB054B0504	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST005	UB054B0505	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST005	UB054B0506	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST005	UB054F0501	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	40	ug/kg	N	Y	0.00372177
BIST005	UB054F0502	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST005	UB054F0503	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212

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								Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0504	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST005	UB054F0514	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	40	ug/kg	N	Y	0.00372177
BIST005	UB054F0515	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST006	MB014B0602	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST006	MB014B0603	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST006	MB014B0604	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST006	MB014B0605	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST006	MB014B0606	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST006	MB014B0607	Red drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST006	MB014F0601	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST006	MB014F0602	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST006	MB014F0605	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST015	LB034F1501	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST015	LB034F1502	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	103.5	ug/kg	N	N	0.009630079
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	92	ug/kg	N	N	0.00856007
BIST021	LB094F2103	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2104	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2115	Black Drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2104	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2115	Black Drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2118	Red drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2121	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2122	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2124	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
BIST021	LB094F2151	Spotted seatrout	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	50	ug/kg	N	Y	0.004652212
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	2300	ug/kg	N	N	0.21400175
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	4600	ug/kg	N	N	0.4280035
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	1000	ug/kg	N	Y	0.093044239
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	2300	ug/kg	N	N	0.21400175
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Total PAH (U=1/2; max ND)	4B	267	92	175	10747.57566	ug/kg	2300	ug/kg	N	N	0.21400175
BIST006	MB014B0602	Red drum	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	100.28	ug/kg	Y	N	9.436E-05
BIST006	MB014B0602	Red drum	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	100.28	ug/kg	Y	N	0.186290173
BIST006	MB014B0605	Red drum	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	52.44	ug/kg	Y	N	0.097417797
BIST006	MB014B0605	Red drum	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	52.44	ug/kg	Y	N	4.93442E-05
BIST006	MB014B0607	Red drum	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	41.63	ug/kg	Y	N	3.91724E-05
BIST006	MB014B0607	Red drum	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	41.63	ug/kg	Y	N	0.077336058
BIST006	MB014F0601	Red drum	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	98.9	ug/kg	Y	Y	0.183726547
BIST006	MB014F0601	Red drum	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	98.9	ug/kg	Y	Y	9.30614E-05
BIST015	LB034F1501	Red drum	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	31.2	ug/kg	Y	Y	0.057960245
BIST015	LB034F1501	Red drum	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	31.2	ug/kg	Y	Y	2.93581E-05
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	21.068	ug/kg	Y	N	0.039138027
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	21.068	ug/kg	Y	N	1.98243E-05
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	8.05	ug/kg	Y	N	0.014954486
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	8.05	ug/kg	Y	N	7.57477E-06
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	39.1	ug/kg	Y	N	0.072636077
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	39.1	ug/kg	Y	N	3.67917E-05
BIST021	LB094F2103	Red drum	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	6.31	ug/kg	Y	Y	5.93749E-06
BIST021	LB094F2103	Red drum	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	6.31	ug/kg	Y	Y	0.011722088

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	3	3	0	538.3	ug/kg	59	ug/kg	Y	Y	0.10960431
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total PCB Cong-209 (U=0, max RL)	4B	34	34	0	1062738.735	ng/kg	59	ug/kg	Y	Y	5.55169E-05
BIST006	MB014B0602	Red drum	Fish Fille	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	100236.1045	ng/kg	Y	N	0.570016279
BIST006	MB014B0605	Red drum	Fish Fille	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	52483.0215	ng/kg	Y	N	0.298457096
BIST006	MB014B0607	Red drum	Fish Fille	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	41650.9645	ng/kg	Y	N	0.236858046
BIST006	MB014F0601	Red drum	Whole Body	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	98941.3	ng/kg	Y	Y	0.562653068
BIST015	LB034F1501	Red drum	Whole Body	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	31301.33	ng/kg	Y	Y	0.178002405
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	21113.494	ng/kg	Y	N	0.12006687
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	8073.9085	ng/kg	Y	N	0.045914187
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	38993.6365	ng/kg	Y	N	0.221746522
BIST021	LB094F2103	Red drum	Whole Body	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	6347.53	ng/kg	Y	Y	0.036096728
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total PCB Congs (U=1/2; max ND)	4B	17	17	0	175847.7926	ng/kg	59057.1	ng/kg	Y	Y	0.335842146
BIST005	UB054B0501	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST005	UB054B0502	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST005	UB054B0503	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST005	UB054B0504	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST005	UB054B0505	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST005	UB054B0506	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST005	UB054F0501	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	5	ug/kg	N	Y	0.014613856
BIST005	UB054F0502	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	113	ug/kg	Y	Y	0.330273155
BIST005	UB054F0503	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	274	ug/kg	Y	Y	0.800839332
BIST005	UB054F0504	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	109	ug/kg	Y	Y	0.31858207
BIST005	UB054F0514	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	5	ug/kg	N	Y	0.014613856
BIST005	UB054F0515	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	111	ug/kg	Y	Y	0.324427612
BIST006	MB014B0602	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST006	MB014B0603	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST006	MB014B0604	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST006	MB014B0605	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST006	MB014B0606	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST006	MB014B0607	Red drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST006	MB014F0601	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	201	ug/kg	Y	Y	0.587477028
BIST006	MB014F0602	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	52	ug/kg	Y	Y	0.151984107
BIST006	MB014F0605	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	88	ug/kg	Y	Y	0.257203873
BIST015	LB034F1501	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	14	ug/kg	Y	Y	0.040918798
BIST015	LB034F1502	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	202	ug/kg	Y	Y	0.590399799
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	64.4	ug/kg	Y	N	0.188226471
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	117.3	ug/kg	Y	N	0.342841072
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	11.5	ug/kg	N	N	0.03361187
BIST021	LB094F2103	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	41	ug/kg	Y	Y	0.119833623
BIST021	LB094F2104	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	5	ug/kg	N	Y	0.014613856
BIST021	LB094F2115	Black Drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	5	ug/kg	N	Y	0.014613856
BIST021	LB094F2118	Red drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	12	ug/kg	Y	Y	0.035073255
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	140	ug/kg	Y	Y	0.40918798
BIST021	LB094F2121	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	124	ug/kg	Y	Y	0.362423639
BIST021	LB094F2122	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	56	ug/kg	Y	Y	0.163675192
BIST021	LB094F2124	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	19	ug/kg	Y	Y	0.055532654
BIST021	LB094F2151	Spotted seatrout	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	910	ug/kg	Y	Y	2.659721868
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	115	ug/kg	N	N	0.336118698
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	115	ug/kg	N	N	0.336118698

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	50	ug/kg	N	Y	0.146138564
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	115	ug/kg	N	N	0.336118698
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Total PCBs (U=0, max RL)	4B	212	104	108	342.1410377	ug/kg	115	ug/kg	N	N	0.336118698
BIST005	UB054B0501	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST005	UB054B0502	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST005	UB054B0503	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST005	UB054B0504	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST005	UB054B0505	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST005	UB054B0506	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST005	UB054F0501	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	10	ug/kg	N	Y	0.01748556
BIST005	UB054F0502	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	138	ug/kg	Y	Y	0.241300728
BIST005	UB054F0503	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	299	ug/kg	Y	Y	0.522818243
BIST005	UB054F0504	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	134	ug/kg	Y	Y	0.234306504
BIST005	UB054F0514	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	10	ug/kg	N	Y	0.01748556
BIST005	UB054F0515	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	136	ug/kg	Y	Y	0.237803616
BIST006	MB014B0602	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST006	MB014B0603	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST006	MB014B0604	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST006	MB014B0605	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST006	MB014B0606	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST006	MB014B0607	Red drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST006	MB014F0601	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	226	ug/kg	Y	Y	0.395173656
BIST006	MB014F0602	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	77	ug/kg	Y	Y	0.134638812
BIST006	MB014F0605	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	113	ug/kg	Y	Y	0.197586828
BIST015	LB034F1501	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	44	ug/kg	Y	Y	0.076936464
BIST015	LB034F1502	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	227	ug/kg	Y	Y	0.396922212
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	133.4	ug/kg	Y	N	0.23325737
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	186.3	ug/kg	Y	N	0.325755982
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	23	ug/kg	N	N	0.040216788
BIST021	LB094F2103	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	66	ug/kg	Y	Y	0.115404696
BIST021	LB094F2104	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	10	ug/kg	N	Y	0.01748556
BIST021	LB094F2115	Black Drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	10	ug/kg	N	Y	0.01748556
BIST021	LB094F2118	Red drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	42	ug/kg	Y	Y	0.073439352
BIST021	LB094F2120	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	165	ug/kg	Y	Y	0.28851174
BIST021	LB094F2121	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	149	ug/kg	Y	Y	0.260534844
BIST021	LB094F2122	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	81	ug/kg	Y	Y	0.141633036
BIST021	LB094F2124	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	49	ug/kg	Y	Y	0.085679244
BIST021	LB094F2151	Spotted seatrout	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	935	ug/kg	Y	Y	1.634899858
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	230	ug/kg	N	N	0.40216788
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	230	ug/kg	N	N	0.40216788
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	100	ug/kg	N	Y	0.1748556
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	230	ug/kg	N	N	0.40216788
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Total PCBs (U=1/2; max ND)	4B	212	104	108	571.9004717	ug/kg	230	ug/kg	N	N	0.40216788
BIST005	UB054B0501	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.67	mg/kg	Y	N	0.044332035
BIST005	UB054B0502	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	7.59	mg/kg	Y	N	0.050446798
BIST005	UB054B0503	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	7.82	mg/kg	Y	N	0.051975489
BIST005	UB054B0504	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	7.59	mg/kg	Y	N	0.050446798
BIST005	UB054B0505	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.9	mg/kg	Y	N	0.045860726
BIST005	UB054B0506	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.44	mg/kg	Y	N	0.042803344

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST005	UB054F0501	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	3.3	mg/kg	Y	Y	0.021933391
BIST005	UB054F0502	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	8.2	mg/kg	Y	Y	0.054501152
BIST005	UB054F0503	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	11	mg/kg	Y	Y	0.073111302
BIST005	UB054F0504	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	9.7	mg/kg	Y	Y	0.064470875
BIST005	UB054F0514	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	3.4	mg/kg	Y	Y	0.022598039
BIST005	UB054F0515	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	12	mg/kg	Y	Y	0.079757784
BIST006	MB014B0602	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	8.74	mg/kg	Y	N	0.058090253
BIST006	MB014B0603	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	7.59	mg/kg	Y	N	0.050446798
BIST006	MB014B0604	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.9	mg/kg	Y	N	0.045860726
BIST006	MB014B0605	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.67	mg/kg	Y	N	0.044332035
BIST006	MB014B0606	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	7.36	mg/kg	Y	N	0.048918107
BIST006	MB014B0607	Red drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	8.28	mg/kg	Y	N	0.055032871
BIST006	MB014F0601	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	6.9	mg/kg	Y	Y	0.045860726
BIST006	MB014F0602	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	8.4	mg/kg	Y	Y	0.055830449
BIST006	MB014F0605	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	7.7	mg/kg	Y	Y	0.051177911
BIST015	LB034F1501	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	7.1	mg/kg	Y	Y	0.047190022
BIST015	LB034F1502	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	7.7	mg/kg	Y	Y	0.051177911
BIST021	LB094B2101	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	9.2	mg/kg	Y	N	0.061147634
BIST021	LB094B2103	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	0.0115	mg/kg	N	N	7.64345E-05
BIST021	LB094B2104	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.44	mg/kg	Y	N	0.042803344
BIST021	LB094B2105	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	9.2	mg/kg	Y	N	0.061147634
BIST021	LB094B2106	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	7.13	mg/kg	Y	N	0.047389417
BIST021	LB094B2107	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.67	mg/kg	Y	N	0.044332035
BIST021	LB094B2108	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	7.59	mg/kg	Y	N	0.050446798
BIST021	LB094B2110	Spotted seatrout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	6.67	mg/kg	Y	N	0.044332035
BIST021	LB094F2103	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	3.1	mg/kg	Y	Y	0.020604094
BIST021	LB094F2104	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	6.5	mg/kg	Y	Y	0.043202133
BIST021	LB094F2115	Black Drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	16.5	mg/kg	Y	Y	0.109666953
BIST021	LB094F2118	Red drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	9.6	mg/kg	Y	Y	0.063806227
BIST021	LB094F2120	Spotted seatrout	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	6.3	mg/kg	Y	Y	0.041872837
BIST021	LB094F2121	Spotted seatrout	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	5.8	mg/kg	Y	Y	0.038549596
BIST021	LB094F2122	Spotted seatrout	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	6.9	mg/kg	Y	Y	0.045860726
BIST021	LB094F2124	Spotted seatrout	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	5.1	mg/kg	Y	Y	0.033897058
BIST021	LB094F2151	Spotted seatrout	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	10	mg/kg	Y	Y	0.06646482
ECOBI002	00ECO-002-BD2-BI01	Black Drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	46	mg/kg	Y	N	0.305738172
ECOBI007	00ECO-007-ST1-BI01	Sea Trout	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	11.04	mg/kg	Y	N	0.073377161
ECOBI012	00ECO-012-BD2-BI01	Black Drum	Whole Body	Zinc	4B	262	236	26	150.4555344	mg/kg	19.9	mg/kg	Y	Y	0.132264992
ECOBI014	00ECO-014-BD1-BI01	Black Drum	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	18.4	mg/kg	Y	N	0.122295269
ECOBI014	00ECO-014-FL1-BI01	Flounder	Fish Fille	Zinc	4B	262	236	26	150.4555344	mg/kg	8.855	mg/kg	N	N	0.058854598
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,4,6,7,8-HpCDD	I 1A	1	1	0	180	ng/kg	1.78	ng/kg	Y	Y	0.009888889
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,4,6,7,8-HpCDD	I 1A	1	1	0	680	ng/kg	13	ng/kg	Y	Y	0.019117647
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,4,6,7,8-HpCDD	I 1A	1	1	0	205	ng/kg	2	ng/kg	Y	Y	0.009756098
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,4,6,7,8-HpCDF	I 1A	1	1	0	450	ng/kg	2.27	ng/kg	Y	Y	0.005044444
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,4,6,7,8-HpCDF	I 1A	1	1	0	12000	ng/kg	35	ng/kg	Y	Y	0.002916667
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,4,6,7,8-HpCDF	I 1A	1	1	0	1740	ng/kg	3.88	ng/kg	Y	Y	0.002229885
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,4,7,8,9-HpCDF	I 1A	1	1	0	90	ng/kg	0.1695	ng/kg	N	Y	0.001883333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,4,7,8,9-HpCDF	I 1A	1	1	0	2400	ng/kg	8.8	ng/kg	Y	Y	0.003666667
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,4,7,8,9-HpCDF	I 1A	1	1	0	427	ng/kg	0.79	ng/kg	Y	Y	0.001850117
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,4,7,8-HxCDD	I 1A	1	0	1	3.35	ng/kg	0.255	ng/kg	Y	Y	0.076119403
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,4,7,8-HxCDD	I 1A	1	1	0	57	ng/kg	0.55	ng/kg	N	Y	0.009649123
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,4,7,8-HxCDD	I 1A	1	1	0	9.13	ng/kg	0.11	ng/kg	Y	Y	0.012048193
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,4,7,8-HxCDF	I 1A	1	1	0	190	ng/kg	1.52	ng/kg	Y	Y	0.008
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,4,7,8-HxCDF	I 1A	1	1	0	3000	ng/kg	36	ng/kg	Y	Y	0.012
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,4,7,8-HxCDF	I 1A	1	1	0	734	ng/kg	2.18	ng/kg	Y	Y	0.002970027

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,6,7,8-HxCDD	I 1A	1	0	1	4.95	ng/kg	0.619	ng/kg	Y	Y	0.125050505
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,6,7,8-HxCDD	I 1A	1	1	0	44	ng/kg	0.85	ng/kg	N	Y	0.019318182
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,6,7,8-HxCDD	I 1A	1	0	1	0.52	ng/kg	0.21	ng/kg	Y	Y	0.403846154
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,6,7,8-HxCDF	I 1A	1	1	0	43	ng/kg	1.24	ng/kg	Y	Y	0.028837209
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,6,7,8-HxCDF	I 1A	1	1	0	980	ng/kg	8.7	ng/kg	Y	Y	0.008877551
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,6,7,8-HxCDF	I 1A	1	1	0	247	ng/kg	0.71	ng/kg	Y	Y	0.002874494
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,7,8,9-HxCDD	I 1A	1	0	1	5.5	ng/kg	0.266	ng/kg	Y	Y	0.048363636
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,7,8,9-HxCDD	I 1A	1	1	0	38	ng/kg	0.39	ng/kg	N	Y	0.010263158
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,7,8,9-HxCDD	I 1A	1	0	1	0.4455	ng/kg	0.18	ng/kg	Y	Y	0.404040404
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,7,8,9-HxCDF	I 1A	1	0	1	3.25	ng/kg	0.1815	ng/kg	N	Y	0.055846154
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,7,8,9-HxCDF	I 1A	1	1	0	120	ng/kg	0.6	ng/kg	N	Y	0.005
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,7,8,9-HxCDF	I 1A	1	1	0	98.4	ng/kg	0.05	ng/kg	N	Y	0.00050813
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,7,8-PeCDD	I 1A	1	0	1	2.2	ng/kg	0.454	ng/kg	Y	Y	0.206363636
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,7,8-PeCDD	I 1A	1	1	0	28	ng/kg	0.305	ng/kg	N	Y	0.010892857
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,7,8-PeCDD	I 1A	1	0	1	0.51	ng/kg	0.05	ng/kg	N	Y	0.098039216
BIST017	LB031A1752	Mussels	Shellfish	1,2,3,7,8-PeCDF	I 1A	1	1	0	58	ng/kg	14	ng/kg	Y	Y	0.24137931
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2,3,7,8-PeCDF	I 1A	1	1	0	760	ng/kg	28	ng/kg	Y	Y	0.036842105
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2,3,7,8-PeCDF	I 1A	1	1	0	177	ng/kg	1.5	ng/kg	Y	Y	0.008474576
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,2-Dichlorobenzene	I 1A	1	0	1	5.5	ug/kg	1000	ug/kg	N	Y	181.8181818
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,2-Dichlorobenzene	I 1A	1	0	1	6.5	ug/kg	335	ug/kg	N	Y	51.53846154
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	1,2-Dichlorobenzene	I 1A	1	0	1	6.5	ug/kg	335	ug/kg	N	Y	51.53846154
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	1,2-Dichlorobenzene	I 1A	1	0	1	12.5	ug/kg	335	ug/kg	N	Y	26.8
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	1,2-Dichlorobenzene	I 1A	1	0	1	12.5	ug/kg	335	ug/kg	N	Y	26.8
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	1,2-Dichlorobenzene	I 1A	1	0	1	13	ug/kg	335	ug/kg	N	Y	25.76923077
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,3-Dichlorobenzene	I 1A	1	0	1	5.5	ug/kg	1000	ug/kg	N	Y	181.8181818
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,3-Dichlorobenzene	I 1A	1	0	1	6.5	ug/kg	335	ug/kg	N	Y	51.53846154
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	1,3-Dichlorobenzene	I 1A	1	0	1	6.5	ug/kg	335	ug/kg	N	Y	51.53846154
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	1,3-Dichlorobenzene	I 1A	1	1	0	9	ug/kg	335	ug/kg	N	Y	37.22222222
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	1,3-Dichlorobenzene	I 1A	1	1	0	9	ug/kg	335	ug/kg	N	Y	37.22222222
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	1,3-Dichlorobenzene	I 1A	1	1	0	5	ug/kg	335	ug/kg	N	Y	67
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	1,4-Dichlorobenzene	I 1A	1	0	1	5.5	ug/kg	1000	ug/kg	N	Y	181.8181818
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	1,4-Dichlorobenzene	I 1A	1	0	1	6.5	ug/kg	335	ug/kg	N	Y	51.53846154
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	1,4-Dichlorobenzene	I 1A	1	0	1	6.5	ug/kg	335	ug/kg	N	Y	51.53846154
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	1,4-Dichlorobenzene	I 1A	1	1	0	4	ug/kg	335	ug/kg	N	Y	83.75
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	1,4-Dichlorobenzene	I 1A	1	1	0	4	ug/kg	335	ug/kg	N	Y	83.75
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	1,4-Dichlorobenzene	I 1A	1	1	0	4	ug/kg	335	ug/kg	N	Y	83.75
BIST017	LB031A1752	Mussels	Shellfish	2,3,4,6,7,8-HxCDF	I 1A	1	1	0	15	ng/kg	1.24	ng/kg	Y	Y	0.082666667
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	2,3,4,6,7,8-HxCDF	I 1A	1	1	0	220	ng/kg	2.7	ng/kg	Y	Y	0.012272727
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	2,3,4,6,7,8-HxCDF	I 1A	1	1	0	141	ng/kg	0.3	ng/kg	Y	Y	0.00212766
BIST017	LB031A1752	Mussels	Shellfish	2,3,4,7,8-PeCDF	I 1A	1	1	0	36	ng/kg	21.8	ng/kg	Y	Y	0.605555556
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	2,3,4,7,8-PeCDF	I 1A	1	1	0	520	ng/kg	16	ng/kg	Y	Y	0.030769231
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	2,3,4,7,8-PeCDF	I 1A	1	1	0	140	ng/kg	0.91	ng/kg	Y	Y	0.0065
BIST017	LB031A1752	Mussels	Shellfish	2,3,7,8-TCDD	I 1A	1	0	1	0.85	ng/kg	0.307	ng/kg	Y	Y	0.361176471
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	2,3,7,8-TCDD	I 1A	1	1	0	13	ng/kg	0.67	ng/kg	Y	Y	0.051538462
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	2,3,7,8-TCDD	I 1A	1	1	0	2.02	ng/kg	0.05	ng/kg	N	Y	0.024752475
BIST017	LB031A1752	Mussels	Shellfish	2,3,7,8-TCDF	I 1A	1	1	0	53	ng/kg	46.2	ng/kg	Y	Y	0.871698113
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	2,3,7,8-TCDF	I 1A	1	1	0	210	ng/kg	43	ng/kg	Y	Y	0.204761905
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	2,3,7,8-TCDF	I 1A	1	1	0	107	ng/kg	3.28	ng/kg	Y	Y	0.030654206
BIST017	LB031A1752	Mussels	Shellfish	2-Methylnaphthalene	I 1A	1	1	0	97.2	ug/kg	100	ug/kg	N	Y	1.028806584
BIST017	LB031A1753	Mussels	Shellfish	2-Methylnaphthalene	I 1A	1	1	0	97.2	ug/kg	100	ug/kg	N	Y	1.028806584
BIST017	LB031A1754	Mussels	Shellfish	2-Methylnaphthalene	I 1A	1	1	0	97.2	ug/kg	100	ug/kg	N	Y	1.028806584
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	2-Methylnaphthalene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	2-Methylnaphthalene	I 1A	1	0	1	285	ug/kg	0.78	ug/kg	Y	Y	0.002736842
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	2-Methylnaphthalene	I 1A	1	0	1	285	ug/kg	0.89	ug/kg	Y	Y	0.003122807

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	2-Methylnaphthalene	I 1A	1	0	1	420	ug/kg	1.2	ug/kg	Y	Y	0.002857143
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	2-Methylnaphthalene	I 1A	1	0	1	420	ug/kg	0.72	ug/kg	Y	Y	0.001714286
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	2-Methylnaphthalene	I 1A	1	0	1	485	ug/kg	1.2	ug/kg	Y	Y	0.002474227
BIST017	LB031A1752	Mussels	Shellfish	4,4'-DDD	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	4,4'-DDD	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	4,4'-DDD	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	4,4'-DDD	I 1A	1	1	0	4.6	ug/kg	3	ug/kg	N	Y	0.652173913
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	4,4'-DDD	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	4,4'-DDD	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	4,4'-DDD	I 1A	1	0	1	8	ug/kg	2.5	ug/kg	N	Y	0.3125
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	4,4'-DDD	I 1A	1	0	1	8	ug/kg	2.5	ug/kg	N	Y	0.3125
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	4,4'-DDD	I 1A	1	1	0	1.3	ug/kg	2.5	ug/kg	N	Y	1.923076923
BIST017	LB031A1752	Mussels	Shellfish	4,4'-DDE	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	4,4'-DDE	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	4,4'-DDE	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	4,4'-DDE	I 1A	1	1	0	1.1	ug/kg	3	ug/kg	N	Y	2.727272727
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	4,4'-DDE	I 1A	1	0	1	2.15	ug/kg	3	ug/kg	Y	Y	1.395348837
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	4,4'-DDE	I 1A	1	0	1	2.15	ug/kg	3.7	ug/kg	Y	Y	1.720930233
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	4,4'-DDE	I 1A	1	1	0	13	ug/kg	1.3	ug/kg	Y	Y	0.1
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	4,4'-DDE	I 1A	1	1	0	13	ug/kg	1.4	ug/kg	Y	Y	0.107692308
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	4,4'-DDE	I 1A	1	0	1	4.35	ug/kg	1	ug/kg	Y	Y	0.229885057
BIST017	LB031A1752	Mussels	Shellfish	4,4'-DDT	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	4,4'-DDT	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	4,4'-DDT	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	4,4'-DDT	I 1A	1	0	1	1.85	ug/kg	3	ug/kg	N	Y	1.621621622
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	4,4'-DDT	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	4,4'-DDT	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	4,4'-DDT	I 1A	1	0	1	4.55	ug/kg	2.5	ug/kg	N	Y	0.549450549
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	4,4'-DDT	I 1A	1	0	1	4.55	ug/kg	2.5	ug/kg	N	Y	0.549450549
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	4,4'-DDT	I 1A	1	0	1	4.35	ug/kg	2.5	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Acenaphthene	I 1A	1	1	0	1460	ug/kg	100	ug/kg	N	Y	0.068493151
BIST017	LB031A1753	Mussels	Shellfish	Acenaphthene	I 1A	1	1	0	1460	ug/kg	100	ug/kg	N	Y	0.068493151
BIST017	LB031A1754	Mussels	Shellfish	Acenaphthene	I 1A	1	1	0	1460	ug/kg	100	ug/kg	N	Y	0.068493151
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Acenaphthene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Acenaphthene	I 1A	1	0	1	285	ug/kg	335	ug/kg	N	Y	1.175438596
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Acenaphthene	I 1A	1	0	1	285	ug/kg	0.32	ug/kg	Y	Y	0.001122807
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Acenaphthene	I 1A	1	0	1	420	ug/kg	335	ug/kg	N	Y	0.797619048
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Acenaphthene	I 1A	1	0	1	420	ug/kg	335	ug/kg	N	Y	0.797619048
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Acenaphthene	I 1A	1	0	1	485	ug/kg	0.46	ug/kg	Y	Y	0.000948454
BIST017	LB031A1752	Mussels	Shellfish	Acenaphthylene	I 1A	1	1	0	549	ug/kg	100	ug/kg	N	Y	0.182149362
BIST017	LB031A1753	Mussels	Shellfish	Acenaphthylene	I 1A	1	1	0	549	ug/kg	100	ug/kg	N	Y	0.182149362
BIST017	LB031A1754	Mussels	Shellfish	Acenaphthylene	I 1A	1	1	0	549	ug/kg	100	ug/kg	N	Y	0.182149362
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Acenaphthylene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Acenaphthylene	I 1A	1	0	1	285	ug/kg	1.3	ug/kg	Y	Y	0.004561404
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Acenaphthylene	I 1A	1	0	1	285	ug/kg	2.1	ug/kg	Y	Y	0.007368421
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Acenaphthylene	I 1A	1	0	1	420	ug/kg	0.78	ug/kg	Y	Y	0.001857143
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Acenaphthylene	I 1A	1	0	1	420	ug/kg	0.61	ug/kg	Y	Y	0.001452381
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Acenaphthylene	I 1A	1	0	1	485	ug/kg	0.77	ug/kg	Y	Y	0.001587629
BIST017	LB031A1752	Mussels	Shellfish	Aldrin	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aldrin	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aldrin	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aldrin	I 1A	1	0	1	0.95	ug/kg	3	ug/kg	N	Y	3.157894737
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aldrin	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aldrin	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aldrin	I 1A	1	1	0	15	ug/kg	1.25	ug/kg	N	Y	0.083333333
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aldrin	I 1A	1	1	0	15	ug/kg	1.25	ug/kg	N	Y	0.083333333
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aldrin	I 1A	1	1	0	1.6	ug/kg	1.25	ug/kg	N	Y	0.78125
BIST017	LB031A1752	Mussels	Shellfish	alpha-Chlordane	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	alpha-Chlordane	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	alpha-Chlordane	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	alpha-Chlordane	I 1A	1	1	0	0.17	ug/kg	3	ug/kg	N	Y	17.64705882
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	alpha-Chlordane	I 1A	1	0	1	1.1	ug/kg	1.3	ug/kg	Y	Y	1.181818182
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	alpha-Chlordane	I 1A	1	0	1	1.1	ug/kg	1.6	ug/kg	Y	Y	1.454545455
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	alpha-Chlordane	I 1A	1	1	0	4.9	ug/kg	1.25	ug/kg	N	Y	0.255102041
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	alpha-Chlordane	I 1A	1	1	0	4.9	ug/kg	1.25	ug/kg	N	Y	0.255102041
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	alpha-Chlordane	I 1A	1	0	1	2.25	ug/kg	1.25	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	Anthracene	I 1A	1	1	0	1320	ug/kg	100	ug/kg	N	Y	0.075757576
BIST017	LB031A1753	Mussels	Shellfish	Anthracene	I 1A	1	1	0	1320	ug/kg	100	ug/kg	N	Y	0.075757576
BIST017	LB031A1754	Mussels	Shellfish	Anthracene	I 1A	1	1	0	1320	ug/kg	100	ug/kg	N	Y	0.075757576
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Anthracene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Anthracene	I 1A	1	0	1	285	ug/kg	0.95	ug/kg	Y	Y	0.003333333
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Anthracene	I 1A	1	0	1	285	ug/kg	1.7	ug/kg	Y	Y	0.005964912
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Anthracene	I 1A	1	0	1	420	ug/kg	0.52	ug/kg	Y	Y	0.001238095
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Anthracene	I 1A	1	0	1	420	ug/kg	0.47	ug/kg	Y	Y	0.001119048
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Anthracene	I 1A	1	0	1	485	ug/kg	1.2	ug/kg	Y	Y	0.002474227
BIST017	LB031A1752	Mussels	Shellfish	Aroclor-1016	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aroclor-1016	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aroclor-1016	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aroclor-1016	I 1A	1	0	1	18.5	ug/kg	50	ug/kg	N	Y	2.702702703
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aroclor-1016	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aroclor-1016	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aroclor-1016	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aroclor-1016	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aroclor-1016	I 1A	1	0	1	43.5	ug/kg	25	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Aroclor-1221	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aroclor-1221	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aroclor-1221	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aroclor-1221	I 1A	1	0	1	37	ug/kg	50	ug/kg	N	Y	1.351351351
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aroclor-1221	I 1A	1	0	1	43.5	ug/kg	25	ug/kg	N	Y	0.574712644
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aroclor-1221	I 1A	1	0	1	43.5	ug/kg	25	ug/kg	N	Y	0.574712644
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aroclor-1221	I 1A	1	0	1	95	ug/kg	25	ug/kg	N	Y	0.263157895
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aroclor-1221	I 1A	1	0	1	95	ug/kg	25	ug/kg	N	Y	0.263157895
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aroclor-1221	I 1A	1	0	1	90	ug/kg	25	ug/kg	N	Y	0.277777778
BIST017	LB031A1752	Mussels	Shellfish	Aroclor-1232	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aroclor-1232	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aroclor-1232	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aroclor-1232	I 1A	1	0	1	18.5	ug/kg	50	ug/kg	N	Y	2.702702703
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aroclor-1232	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aroclor-1232	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aroclor-1232	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aroclor-1232	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aroclor-1232	I 1A	1	0	1	43.5	ug/kg	25	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Aroclor-1242	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aroclor-1242	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aroclor-1242	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aroclor-1242	I 1A	1	0	1	18.5	ug/kg	50	ug/kg	N	Y	2.702702703
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aroclor-1242	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aroclor-1242	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aroclor-1242	I 1A	1	0	1	45.5	ug/kg	13	ug/kg	Y	Y	0.285714286
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aroclor-1242	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aroclor-1242	I 1A	1	0	1	43.5	ug/kg	25	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Aroclor-1248	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aroclor-1248	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aroclor-1248	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aroclor-1248	I 1A	1	0	1	18.5	ug/kg	50	ug/kg	N	Y	2.702702703
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aroclor-1248	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aroclor-1248	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	N	Y	1.162790698
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aroclor-1248	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aroclor-1248	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aroclor-1248	I 1A	1	0	1	43.5	ug/kg	25	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Aroclor-1254	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aroclor-1254	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aroclor-1254	I 1A	1	0	1	15	ug/kg	54	ug/kg	Y	Y	3.6
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aroclor-1254	I 1A	1	0	1	18.5	ug/kg	50	ug/kg	N	Y	2.702702703
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aroclor-1254	I 1A	1	1	0	13	ug/kg	51	ug/kg	Y	Y	3.923076923
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aroclor-1254	I 1A	1	1	0	13	ug/kg	74	ug/kg	Y	Y	5.692307692
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aroclor-1254	I 1A	1	1	0	200	ug/kg	17	ug/kg	Y	Y	0.085
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aroclor-1254	I 1A	1	1	0	200	ug/kg	19	ug/kg	Y	Y	0.095
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aroclor-1254	I 1A	1	1	0	33	ug/kg	18	ug/kg	Y	Y	0.545454545
BIST017	LB031A1752	Mussels	Shellfish	Aroclor-1260	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Aroclor-1260	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Aroclor-1260	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Aroclor-1260	I 1A	1	1	0	67	ug/kg	50	ug/kg	N	Y	0.746268657
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Aroclor-1260	I 1A	1	0	1	21.5	ug/kg	25	ug/kg	Y	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Aroclor-1260	I 1A	1	0	1	21.5	ug/kg	31	ug/kg	Y	Y	1.441860465
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Aroclor-1260	I 1A	1	0	1	45.5	ug/kg	25	ug/kg	N	Y	0.549450549
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Aroclor-1260	I 1A	1	0	1	45.5	ug/kg	14	ug/kg	Y	Y	0.307692308
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Aroclor-1260	I 1A	1	0	1	43.5	ug/kg	25	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Arsenic	I 1A	1	1	0	5	mg/kg	0.43	mg/kg	Y	Y	0.086
BIST017	LB031A1753	Mussels	Shellfish	Arsenic	I 1A	1	1	0	5	mg/kg	0.61	mg/kg	Y	Y	0.122
BIST017	LB031A1754	Mussels	Shellfish	Arsenic	I 1A	1	1	0	5	mg/kg	0.27	mg/kg	Y	Y	0.054
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Arsenic	I 1A	1	1	0	2.7	mg/kg	0.415	mg/kg	N	Y	0.153703704
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Arsenic	I 1A	1	1	0	2.2	mg/kg	0.465	mg/kg	N	Y	0.211363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Arsenic	I 1A	1	1	0	2.2	mg/kg	0.475	mg/kg	N	Y	0.215909091
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Arsenic	I 1A	1	1	0	4.1	mg/kg	0.49	mg/kg	N	Y	0.119512195
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Arsenic	I 1A	1	1	0	4.1	mg/kg	0.435	mg/kg	N	Y	0.106097561
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Arsenic	I 1A	1	1	0	2.2	mg/kg	0.475	mg/kg	N	Y	0.215909091
BIST017	LB031A1752	Mussels	Shellfish	Benzo(a)anthracene	I 1A	1	1	0	4850	ug/kg	100	ug/kg	N	Y	0.020618557
BIST017	LB031A1753	Mussels	Shellfish	Benzo(a)anthracene	I 1A	1	1	0	4850	ug/kg	100	ug/kg	N	Y	0.020618557
BIST017	LB031A1754	Mussels	Shellfish	Benzo(a)anthracene	I 1A	1	1	0	4850	ug/kg	100	ug/kg	N	Y	0.020618557
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Benzo(a)anthracene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Benzo(a)anthracene	I 1A	1	0	1	285	ug/kg	2.2	ug/kg	Y	Y	0.007719298
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Benzo(a)anthracene	I 1A	1	0	1	285	ug/kg	3.3	ug/kg	Y	Y	0.011578947
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Benzo(a)anthracene	I 1A	1	0	1	420	ug/kg	1.5	ug/kg	Y	Y	0.003571429
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Benzo(a)anthracene	I 1A	1	0	1	420	ug/kg	1.6	ug/kg	Y	Y	0.003809524
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Benzo(a)anthracene	I 1A	1	0	1	485	ug/kg	2.6	ug/kg	Y	Y	0.005360825
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Benzo(a)pyrene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Benzo(a)pyrene	I 1A	1	0	1	285	ug/kg	1.6	ug/kg	Y	Y	0.005614035
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Benzo(a)pyrene	I 1A	1	0	1	285	ug/kg	2.1	ug/kg	Y	Y	0.007368421
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Benzo(a)pyrene	I 1A	1	0	1	420	ug/kg	1.8	ug/kg	Y	Y	0.004285714
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Benzo(a)pyrene	I 1A	1	0	1	420	ug/kg	1.9	ug/kg	Y	Y	0.00452381
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Benzo(a)pyrene	I 1A	1	0	1	485	ug/kg	2.2	ug/kg	Y	Y	0.004536082

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Benzo(b)fluoranthene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Benzo(b)fluoranthene	I 1A	1	0	1	285	ug/kg	2.1	ug/kg	Y	Y	0.007368421
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Benzo(b)fluoranthene	I 1A	1	0	1	285	ug/kg	2.6	ug/kg	Y	Y	0.009122807
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Benzo(b)fluoranthene	I 1A	1	0	1	420	ug/kg	1.7	ug/kg	Y	Y	0.004047619
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Benzo(b)fluoranthene	I 1A	1	0	1	420	ug/kg	1.7	ug/kg	Y	Y	0.004047619
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Benzo(b)fluoranthene	I 1A	1	0	1	485	ug/kg	2.1	ug/kg	Y	Y	0.004329897
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Benzo(g,h,i)perylene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Benzo(g,h,i)perylene	I 1A	1	0	1	285	ug/kg	2.2	ug/kg	Y	Y	0.007719298
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Benzo(g,h,i)perylene	I 1A	1	0	1	285	ug/kg	3.3	ug/kg	Y	Y	0.011578947
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Benzo(g,h,i)perylene	I 1A	1	0	1	420	ug/kg	2.4	ug/kg	Y	Y	0.005714286
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Benzo(g,h,i)perylene	I 1A	1	0	1	420	ug/kg	2.1	ug/kg	Y	Y	0.005
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Benzo(g,h,i)perylene	I 1A	1	0	1	485	ug/kg	2	ug/kg	Y	Y	0.004123711
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Benzo(k)fluoranthene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Benzo(k)fluoranthene	I 1A	1	0	1	285	ug/kg	1.2	ug/kg	Y	Y	0.004210526
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Benzo(k)fluoranthene	I 1A	1	0	1	285	ug/kg	1.6	ug/kg	Y	Y	0.005614035
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Benzo(k)fluoranthene	I 1A	1	0	1	420	ug/kg	0.84	ug/kg	Y	Y	0.002
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Benzo(k)fluoranthene	I 1A	1	0	1	420	ug/kg	0.84	ug/kg	Y	Y	0.002
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Benzo(k)fluoranthene	I 1A	1	0	1	485	ug/kg	1.5	ug/kg	Y	Y	0.003092784
BIST017	LB031A1752	Mussels	Shellfish	beta-BHC	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	beta-BHC	I 1A	1	0	1	15	ug/kg	13	ug/kg	Y	Y	0.866666667
BIST017	LB031A1754	Mussels	Shellfish	beta-BHC	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	beta-BHC	I 1A	1	1	0	6.1	ug/kg	3	ug/kg	N	Y	0.491803279
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	beta-BHC	I 1A	1	1	0	1.5	ug/kg	1.25	ug/kg	N	Y	0.833333333
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	beta-BHC	I 1A	1	1	0	1.5	ug/kg	1.25	ug/kg	N	Y	0.833333333
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	beta-BHC	I 1A	1	1	0	110	ug/kg	1.25	ug/kg	N	Y	0.011363636
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	beta-BHC	I 1A	1	1	0	110	ug/kg	1.25	ug/kg	N	Y	0.011363636
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	beta-BHC	I 1A	1	1	0	12	ug/kg	1.25	ug/kg	N	Y	0.104166667
BIST017	LB031A1752	Mussels	Shellfish	Cadmium	I 1A	1	1	0	1.34	mg/kg	0.07	mg/kg	Y	Y	0.052238806
BIST017	LB031A1753	Mussels	Shellfish	Cadmium	I 1A	1	1	0	1.34	mg/kg	0.06	mg/kg	Y	Y	0.044776119
BIST017	LB031A1754	Mussels	Shellfish	Cadmium	I 1A	1	1	0	1.34	mg/kg	0.07	mg/kg	Y	Y	0.052238806
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Cadmium	I 1A	1	0	1	0.055	mg/kg	0.25	mg/kg	N	Y	4.545454545
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Cadmium	I 1A	1	0	1	0.17	mg/kg	0.14	mg/kg	N	Y	0.823529412
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Cadmium	I 1A	1	0	1	0.17	mg/kg	0.145	mg/kg	N	Y	0.852941176
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Cadmium	I 1A	1	0	1	0.095	mg/kg	0.145	mg/kg	N	Y	1.526315789
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Cadmium	I 1A	1	0	1	0.095	mg/kg	0.13	mg/kg	N	Y	1.368421053
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Cadmium	I 1A	1	0	1	0.3	mg/kg	0.033	mg/kg	N	Y	0.11
BIST017	LB031A1752	Mussels	Shellfish	Chromium	I 1A	1	1	0	59.8	mg/kg	0.075	mg/kg	N	Y	0.001254181
BIST017	LB031A1753	Mussels	Shellfish	Chromium	I 1A	1	1	0	59.8	mg/kg	0.165	mg/kg	N	Y	0.002759197
BIST017	LB031A1754	Mussels	Shellfish	Chromium	I 1A	1	1	0	59.8	mg/kg	0.06	mg/kg	N	Y	0.001003344
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Chromium	I 1A	1	1	0	19.3	mg/kg	0.5	mg/kg	N	Y	0.025906736
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Chromium	I 1A	1	1	0	12.4	mg/kg	0.23	mg/kg	Y	Y	0.018548387
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Chromium	I 1A	1	1	0	12.4	mg/kg	0.2	mg/kg	Y	Y	0.016129032
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Chromium	I 1A	1	1	0	40.7	mg/kg	0.18	mg/kg	Y	Y	0.004422604
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Chromium	I 1A	1	1	0	40.7	mg/kg	0.1	mg/kg	Y	Y	0.002457002
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Chromium	I 1A	1	1	0	23.2	mg/kg	0.17	mg/kg	Y	Y	0.007327586
BIST017	LB031A1752	Mussels	Shellfish	Chrysene	I 1A	1	1	0	10400	ug/kg	100	ug/kg	N	Y	0.009615385
BIST017	LB031A1753	Mussels	Shellfish	Chrysene	I 1A	1	1	0	10400	ug/kg	100	ug/kg	N	Y	0.009615385
BIST017	LB031A1754	Mussels	Shellfish	Chrysene	I 1A	1	1	0	10400	ug/kg	100	ug/kg	N	Y	0.009615385
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Chrysene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Chrysene	I 1A	1	0	1	285	ug/kg	5.4	ug/kg	Y	Y	0.018947368
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Chrysene	I 1A	1	0	1	285	ug/kg	7.8	ug/kg	Y	Y	0.027368421
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Chrysene	I 1A	1	1	0	260	ug/kg	3.3	ug/kg	Y	Y	0.012692308
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Chrysene	I 1A	1	1	0	260	ug/kg	3.2	ug/kg	Y	Y	0.012307692
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Chrysene	I 1A	1	0	1	485	ug/kg	4.4	ug/kg	Y	Y	0.009072165

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST017	LB031A1752	Mussels	Shellfish	Copper	I 1A	1	1	0	169	mg/kg	4.6	mg/kg	Y	Y	0.027218935
BIST017	LB031A1753	Mussels	Shellfish	Copper	I 1A	1	1	0	169	mg/kg	3.3	mg/kg	Y	Y	0.019526627
BIST017	LB031A1754	Mussels	Shellfish	Copper	I 1A	1	1	0	169	mg/kg	1.8	mg/kg	Y	Y	0.010650888
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Copper	I 1A	1	1	0	44.4	mg/kg	3.1	mg/kg	Y	Y	0.06981982
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Copper	I 1A	1	1	0	9.8	mg/kg	2.1	mg/kg	N	Y	0.214285714
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Copper	I 1A	1	1	0	9.8	mg/kg	6.1	mg/kg	Y	Y	0.62244898
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Copper	I 1A	1	1	0	101	mg/kg	0.6	mg/kg	N	Y	0.005940594
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Copper	I 1A	1	1	0	101	mg/kg	0.55	mg/kg	N	Y	0.005445545
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Copper	I 1A	1	1	0	37.8	mg/kg	0.95	mg/kg	N	Y	0.025132275
BIST017	LB031A1752	Mussels	Shellfish	delta-BHC	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	delta-BHC	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	delta-BHC	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	delta-BHC	I 1A	1	0	1	0.95	ug/kg	3	ug/kg	N	Y	3.157894737
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	delta-BHC	I 1A	1	1	0	0.39	ug/kg	1.25	ug/kg	N	Y	3.205128205
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	delta-BHC	I 1A	1	1	0	0.39	ug/kg	1.25	ug/kg	N	Y	3.205128205
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	delta-BHC	I 1A	1	1	0	14	ug/kg	1.25	ug/kg	N	Y	0.089285714
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	delta-BHC	I 1A	1	1	0	14	ug/kg	1.25	ug/kg	N	Y	0.089285714
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	delta-BHC	I 1A	1	1	0	1.2	ug/kg	1.25	ug/kg	N	Y	1.041666667
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Dibenzo(a,h)anthracene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Dibenzo(a,h)anthracene	I 1A	1	0	1	285	ug/kg	0.66	ug/kg	Y	Y	0.002315789
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Dibenzo(a,h)anthracene	I 1A	1	0	1	285	ug/kg	0.93	ug/kg	Y	Y	0.003263158
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Dibenzo(a,h)anthracene	I 1A	1	0	1	420	ug/kg	0.77	ug/kg	Y	Y	0.001833333
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Dibenzo(a,h)anthracene	I 1A	1	0	1	420	ug/kg	0.66	ug/kg	Y	Y	0.001571429
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Dibenzo(a,h)anthracene	I 1A	1	0	1	485	ug/kg	0.52	ug/kg	Y	Y	0.001072165
BIST017	LB031A1752	Mussels	Shellfish	Endosulfan I	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Endosulfan I	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Endosulfan I	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Endosulfan I	I 1A	1	1	0	0.23	ug/kg	3	ug/kg	N	Y	13.04347826
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Endosulfan I	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Endosulfan I	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Endosulfan I	I 1A	1	0	1	2.35	ug/kg	1.25	ug/kg	N	Y	0.531914894
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Endosulfan I	I 1A	1	0	1	2.35	ug/kg	1.25	ug/kg	N	Y	0.531914894
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Endosulfan I	I 1A	1	0	1	2.25	ug/kg	1.25	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	Endosulfan II	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Endosulfan II	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Endosulfan II	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Endosulfan II	I 1A	1	0	1	1.85	ug/kg	3	ug/kg	N	Y	1.621621622
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Endosulfan II	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Endosulfan II	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Endosulfan II	I 1A	1	1	0	33	ug/kg	2.5	ug/kg	N	Y	0.075757576
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Endosulfan II	I 1A	1	1	0	33	ug/kg	2.5	ug/kg	N	Y	0.075757576
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Endosulfan II	I 1A	1	0	1	4.35	ug/kg	2.5	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Endrin	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Endrin	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Endrin	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Endrin	I 1A	1	0	1	1.85	ug/kg	3	ug/kg	N	Y	1.621621622
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Endrin	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Endrin	I 1A	1	0	1	2.15	ug/kg	2.5	ug/kg	N	Y	1.162790698
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Endrin	I 1A	1	1	0	28	ug/kg	2.5	ug/kg	N	Y	0.089285714
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Endrin	I 1A	1	1	0	28	ug/kg	2.5	ug/kg	N	Y	0.089285714
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Endrin	I 1A	1	0	1	4.35	ug/kg	2.5	ug/kg	N	Y	0.574712644
BIST017	LB031A1752	Mussels	Shellfish	Fluoranthene	I 1A	1	1	0	19100	ug/kg	100	ug/kg	N	Y	0.005235602
BIST017	LB031A1753	Mussels	Shellfish	Fluoranthene	I 1A	1	1	0	19100	ug/kg	100	ug/kg	N	Y	0.005235602
BIST017	LB031A1754	Mussels	Shellfish	Fluoranthene	I 1A	1	1	0	19100	ug/kg	100	ug/kg	N	Y	0.005235602

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Fluoranthene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Fluoranthene	I 1A	1	0	1	285	ug/kg	8.5	ug/kg	Y	Y	0.029824561
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Fluoranthene	I 1A	1	0	1	285	ug/kg	12	ug/kg	Y	Y	0.042105263
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Fluoranthene	I 1A	1	0	1	420	ug/kg	3.4	ug/kg	Y	Y	0.008095238
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Fluoranthene	I 1A	1	0	1	420	ug/kg	2.8	ug/kg	Y	Y	0.006666667
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Fluoranthene	I 1A	1	0	1	485	ug/kg	6	ug/kg	Y	Y	0.012371134
BIST017	LB031A1752	Mussels	Shellfish	Fluorene	I 1A	1	1	0	160	ug/kg	100	ug/kg	N	Y	0.625
BIST017	LB031A1753	Mussels	Shellfish	Fluorene	I 1A	1	1	0	160	ug/kg	100	ug/kg	N	Y	0.625
BIST017	LB031A1754	Mussels	Shellfish	Fluorene	I 1A	1	1	0	160	ug/kg	100	ug/kg	N	Y	0.625
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Fluorene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Fluorene	I 1A	1	0	1	285	ug/kg	0.39	ug/kg	Y	Y	0.001368421
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Fluorene	I 1A	1	0	1	285	ug/kg	0.56	ug/kg	Y	Y	0.001964912
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Fluorene	I 1A	1	0	1	420	ug/kg	0.3	ug/kg	Y	Y	0.000714286
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Fluorene	I 1A	1	0	1	420	ug/kg	0.29	ug/kg	Y	Y	0.000690476
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Fluorene	I 1A	1	0	1	485	ug/kg	0.68	ug/kg	Y	Y	0.001402062
BIST017	LB031A1752	Mussels	Shellfish	gamma-BHC (Lindane)	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	gamma-BHC (Lindane)	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	gamma-BHC (Lindane)	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	gamma-BHC (Lindane)	I 1A	1	0	1	0.95	ug/kg	3	ug/kg	N	Y	3.157894737
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	gamma-BHC (Lindane)	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	gamma-BHC (Lindane)	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	gamma-BHC (Lindane)	I 1A	1	1	0	10	ug/kg	1.25	ug/kg	N	Y	0.125
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	gamma-BHC (Lindane)	I 1A	1	1	0	10	ug/kg	1.25	ug/kg	N	Y	0.125
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	gamma-BHC (Lindane)	I 1A	1	0	1	2.25	ug/kg	1.25	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	gamma-Chlordane	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	gamma-Chlordane	I 1A	1	0	1	2.25	ug/kg	1.25	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	gamma-Chlordane	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	gamma-Chlordane	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	gamma-Chlordane	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	gamma-Chlordane	I 1A	1	0	1	0.95	ug/kg	3	ug/kg	N	Y	3.157894737
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	gamma-Chlordane	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	gamma-Chlordane	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	gamma-Chlordane	I 1A	1	1	0	19	ug/kg	1.25	ug/kg	N	Y	0.065789474
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	gamma-Chlordane	I 1A	1	1	0	19	ug/kg	1.25	ug/kg	N	Y	0.065789474
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	gamma-Chlordane	I 1A	1	0	1	2.25	ug/kg	1.25	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	Heptachlor	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Heptachlor	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Heptachlor	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Heptachlor	I 1A	1	0	1	0.95	ug/kg	0.9	ug/kg	Y	Y	0.947368421
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Heptachlor	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Heptachlor	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Heptachlor	I 1A	1	1	0	56	ug/kg	1.25	ug/kg	N	Y	0.022321429
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Heptachlor	I 1A	1	1	0	56	ug/kg	1.25	ug/kg	N	Y	0.022321429
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Heptachlor	I 1A	1	0	1	2.25	ug/kg	1.25	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	Heptachlor Epoxide	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Heptachlor Epoxide	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Heptachlor Epoxide	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Heptachlor Epoxide	I 1A	1	1	0	1.3	ug/kg	11	ug/kg	N	Y	8.461538462
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Heptachlor Epoxide	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Heptachlor Epoxide	I 1A	1	0	1	1.1	ug/kg	1.25	ug/kg	N	Y	1.136363636
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Heptachlor Epoxide	I 1A	1	1	0	19	ug/kg	1.25	ug/kg	N	Y	0.065789474
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Heptachlor Epoxide	I 1A	1	1	0	19	ug/kg	1.25	ug/kg	N	Y	0.065789474
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Heptachlor Epoxide	I 1A	1	0	1	2.25	ug/kg	1.25	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
BIST017	LB031A1753	Mussels	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
BIST017	LB031A1754	Mussels	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Hexachloro-1,3-butadiene	I 1A	4	0	4	108.5	ug/kg	1000	ug/kg	N	Y	9.216589862
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	285	ug/kg	335	ug/kg	N	Y	1.175438596
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	285	ug/kg	335	ug/kg	N	Y	1.175438596
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	420	ug/kg	335	ug/kg	N	Y	0.797619048
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	420	ug/kg	335	ug/kg	N	Y	0.797619048
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Hexachloro-1,3-butadiene	I 1A	1	0	1	485	ug/kg	335	ug/kg	N	Y	0.690721649
BIST017	LB031A1752	Mussels	Shellfish	Hexachlorobenzene	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
BIST017	LB031A1753	Mussels	Shellfish	Hexachlorobenzene	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
BIST017	LB031A1754	Mussels	Shellfish	Hexachlorobenzene	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Hexachlorobenzene	I 1A	1	1	0	2220	ug/kg	1000	ug/kg	N	Y	0.45045045
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Hexachlorobenzene	I 1A	1	0	1	285	ug/kg	335	ug/kg	N	Y	1.175438596
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Hexachlorobenzene	I 1A	1	0	1	285	ug/kg	335	ug/kg	N	Y	1.175438596
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Hexachlorobenzene	I 1A	1	1	0	2200	ug/kg	335	ug/kg	N	Y	0.152272727
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Hexachlorobenzene	I 1A	1	1	0	2200	ug/kg	335	ug/kg	N	Y	0.152272727
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Hexachlorobenzene	I 1A	1	0	1	485	ug/kg	335	ug/kg	N	Y	0.690721649
BIST017	LB031A1752	Mussels	Shellfish	Hexachloroethane	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
BIST017	LB031A1753	Mussels	Shellfish	Hexachloroethane	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
BIST017	LB031A1754	Mussels	Shellfish	Hexachloroethane	I 1A	1	0	1	305	ug/kg	100	ug/kg	N	Y	0.327868852
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Hexachloroethane	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Hexachloroethane	I 1A	1	0	1	285	ug/kg	335	ug/kg	N	Y	1.175438596
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Hexachloroethane	I 1A	1	0	1	285	ug/kg	335	ug/kg	N	Y	1.175438596
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Hexachloroethane	I 1A	1	0	1	420	ug/kg	335	ug/kg	N	Y	0.797619048
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Hexachloroethane	I 1A	1	0	1	420	ug/kg	335	ug/kg	N	Y	0.797619048
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Hexachloroethane	I 1A	1	0	1	485	ug/kg	335	ug/kg	N	Y	0.690721649
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Indeno(1,2,3-cd)pyrene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Hexachloroethane	I 1A	1	0	1	485	ug/kg	335	ug/kg	N	Y	0.690721649
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Indeno(1,2,3-cd)pyrene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Indeno(1,2,3-cd)pyrene	I 1A	1	0	1	285	ug/kg	0.79	ug/kg	Y	Y	0.00277193
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Indeno(1,2,3-cd)pyrene	I 1A	1	0	1	285	ug/kg	1.1	ug/kg	Y	Y	0.003859649
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Indeno(1,2,3-cd)pyrene	I 1A	1	0	1	420	ug/kg	0.71	ug/kg	Y	Y	0.001690476
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Indeno(1,2,3-cd)pyrene	I 1A	1	0	1	420	ug/kg	0.81	ug/kg	Y	Y	0.001928571
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Indeno(1,2,3-cd)pyrene	I 1A	1	0	1	485	ug/kg	1	ug/kg	Y	Y	0.002061856
BIST017	LB031A1752	Mussels	Shellfish	Lead	I 1A	1	1	0	744	mg/kg	0.21	mg/kg	Y	Y	0.000282258
BIST017	LB031A1753	Mussels	Shellfish	Lead	I 1A	1	1	0	744	mg/kg	0.07	mg/kg	N	Y	9.4086E-05
BIST017	LB031A1754	Mussels	Shellfish	Lead	I 1A	1	1	0	744	mg/kg	0.16	mg/kg	Y	Y	0.000215054
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Lead	I 1A	1	1	0	27.9	mg/kg	0.33	mg/kg	Y	Y	0.011827957
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Lead	I 1A	1	1	0	12.9	mg/kg	0.235	mg/kg	N	Y	0.018217054
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Lead	I 1A	1	1	0	12.9	mg/kg	0.24	mg/kg	N	Y	0.018604651
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Lead	I 1A	1	1	0	42.2	mg/kg	0.245	mg/kg	N	Y	0.005805687
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Lead	I 1A	1	1	0	42.2	mg/kg	0.215	mg/kg	N	Y	0.005094787
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Lead	I 1A	1	0	1	13	mg/kg	0.24	mg/kg	N	Y	0.018461538
BIST017	LB031A1752	Mussels	Shellfish	Mercury	I 1A	1	1	0	3.11	mg/kg	0.314	mg/kg	Y	Y	0.10096463
BIST017	LB031A1753	Mussels	Shellfish	Mercury	I 1A	1	1	0	3.11	mg/kg	0.19	mg/kg	Y	Y	0.061093248
BIST017	LB031A1754	Mussels	Shellfish	Mercury	I 1A	1	1	0	3.11	mg/kg	0.111	mg/kg	Y	Y	0.035691318
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Mercury	I 1A	1	0	1	0.05	mg/kg	0.031	mg/kg	Y	Y	0.62
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	67.6	ng/g	Y	Y	1931.428571
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	0.036	mg/kg	Y	Y	1.028571429
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	0.036	mg/kg	Y	Y	1.028571429
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	67.6	ng/g	Y	Y	1931.428571
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	0.1	mg/kg	Y	Y	2.857142857
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	88	ng/g	Y	Y	2514.285714
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	88	ng/g	Y	Y	2514.285714
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Mercury	I 1A	1	0	1	0.035	mg/kg	0.1	mg/kg	Y	Y	2.857142857
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	62.9	ng/g	Y	Y	27.34782609
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	62.9	ng/g	Y	Y	27.34782609
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	0.064	mg/kg	Y	Y	0.027826087

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	0.064	mg/kg	Y	Y	0.027826087
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	54.9	ng/g	Y	Y	23.86956522
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	54.9	ng/g	Y	Y	23.86956522
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	0.069	mg/kg	Y	Y	0.03
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	2.3	mg/kg	0.069	mg/kg	Y	Y	0.03
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	0.49	mg/kg	0.055	mg/kg	Y	Y	0.112244898
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	0.49	mg/kg	0.055	mg/kg	Y	Y	0.112244898
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	0.49	mg/kg	52.9	ng/g	Y	Y	107.9591837
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Mercury	I 1A	1	1	0	0.49	mg/kg	52.9	ng/g	Y	Y	107.9591837
BIST017	LB031A1752	Mussels	Shellfish	Methoxychlor	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Methoxychlor	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Methoxychlor	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Methoxychlor	I 1A	1	0	1	0.395	ug/kg	5.5	ug/kg	N	Y	13.92405063
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Methoxychlor	I 1A	1	0	1	11	ug/kg	12.5	ug/kg	N	Y	1.136363636
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Methoxychlor	I 1A	1	0	1	11	ug/kg	12.5	ug/kg	N	Y	1.136363636
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Methoxychlor	I 1A	1	0	1	23.5	ug/kg	12.5	ug/kg	N	Y	0.531914894
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Methoxychlor	I 1A	1	0	1	23.5	ug/kg	12.5	ug/kg	N	Y	0.531914894
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Methoxychlor	I 1A	1	0	1	22.5	ug/kg	12.5	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	Nickel	I 1A	1	1	0	46.7	mg/kg	2.6	mg/kg	Y	Y	0.055674518
BIST017	LB031A1753	Mussels	Shellfish	Nickel	I 1A	1	1	0	46.7	mg/kg	2	mg/kg	Y	Y	0.042826552
BIST017	LB031A1754	Mussels	Shellfish	Nickel	I 1A	1	1	0	46.7	mg/kg	0.49	mg/kg	Y	Y	0.010492505
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Nickel	I 1A	1	1	0	14.4	mg/kg	1.6	mg/kg	Y	Y	0.111111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Nickel	I 1A	1	1	0	5.1	mg/kg	1.5	mg/kg	Y	Y	0.294117647
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Nickel	I 1A	1	1	0	5.1	mg/kg	1.3	mg/kg	Y	Y	0.254901961
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Nickel	I 1A	1	1	0	25.8	mg/kg	1.2	mg/kg	Y	Y	0.046511628
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Nickel	I 1A	1	1	0	25.8	mg/kg	1.3	mg/kg	Y	Y	0.050387597
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Nickel	I 1A	1	1	0	13.6	mg/kg	1.4	mg/kg	Y	Y	0.102941176
BIST017	LB031A1752	Mussels	Shellfish	OCDD	I 1A	1	1	0	3200	ng/kg	22.3	ng/kg	Y	Y	0.00696875
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	OCDD	I 1A	1	1	0	7300	ng/kg	110	ng/kg	Y	Y	0.015068493
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	OCDD	I 1A	1	1	0	3170	ng/kg	41.2	ng/kg	Y	Y	0.012996845
BIST017	LB031A1752	Mussels	Shellfish	OCDF	I 1A	1	1	0	2700	ng/kg	11.4	ng/kg	Y	Y	0.004222222
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	OCDF	I 1A	1	1	0	120000	ng/kg	160	ng/kg	Y	Y	0.001333333
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	OCDF	I 1A	1	1	0	20700	ng/kg	20.7	ng/kg	Y	Y	0.001
BIST017	LB031A1752	Mussels	Shellfish	PCB-105	I 1A	1	1	0	11000	ng/kg	3290	ng/kg	Y	Y	0.299090909
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-105	I 1A	1	1	0	3290	ng/kg	1000	ng/kg	Y	Y	0.303951368
BIST017	LB031A1752	Mussels	Shellfish	PCB-114	I 1A	1	1	0	1080	ng/kg	180	ng/kg	Y	Y	0.166666667
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-114	I 1A	1	1	0	711	ng/kg	66.8	ng/kg	Y	Y	0.09395218
BIST017	LB031A1752	Mussels	Shellfish	PCB-118	I 1A	1	1	0	32900	ng/kg	12600	ng/kg	Y	Y	0.382978723
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-118	I 1A	1	1	0	16900	ng/kg	3670	ng/kg	Y	Y	0.217159763
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-123	I 1A	1	1	0	2570	ng/kg	77.7	ng/kg	Y	Y	0.030233463
BIST017	LB031A1752	Mussels	Shellfish	PCB-126	I 1A	1	1	0	485	ng/kg	103	ng/kg	Y	Y	0.212371134
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-126	I 1A	1	1	0	187	ng/kg	17.1	ng/kg	Y	Y	0.09144385
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-136	I 1A	1	1	0	2540	ng/kg	487	ng/kg	Y	Y	0.191732283
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-141	I 1A	1	1	0	5240	ng/kg	709	ng/kg	Y	Y	0.135305344
BIST017	LB031A1752	Mussels	Shellfish	PCB-156	I 1A	1	1	0	4440	ng/kg	584	ng/kg	Y	Y	0.131531532
BIST017	LB031A1752	Mussels	Shellfish	PCB-157	I 1A	1	1	0	1240	ng/kg	324	ng/kg	Y	Y	0.261290323
BIST017	LB031A1752	Mussels	Shellfish	PCB-167	I 1A	1	1	0	2970	ng/kg	856	ng/kg	Y	Y	0.288215488
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-167	I 1A	1	1	0	1770	ng/kg	289	ng/kg	Y	Y	0.163276836
BIST017	LB031A1752	Mussels	Shellfish	PCB-169	I 1A	1	1	0	173	ng/kg	8.25	ng/kg	Y	Y	0.047687861
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-169	I 1A	1	1	0	141	ng/kg	1.07	ng/kg	N	Y	0.007588652
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-174	I 1A	1	1	0	5880	ng/kg	589	ng/kg	Y	Y	0.100170068
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-179	I 1A	1	1	0	2150	ng/kg	251	ng/kg	Y	Y	0.116744186
BIST017	LB031A1752	Mussels	Shellfish	PCB-189	I 1A	1	1	0	1090	ng/kg	51.2	ng/kg	Y	Y	0.046972477
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-189	I 1A	1	1	0	1100	ng/kg	39.1	ng/kg	Y	Y	0.035545455

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-194	I 1A	1	1	0	23300	ng/kg	177	ng/kg	Y	Y	0.007596567
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-202	I 1A	1	1	0	2390	ng/kg	101	ng/kg	Y	Y	0.042259414
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-206	I 1A	1	1	0	152000	ng/kg	1410	ng/kg	Y	Y	0.009276316
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-207	I 1A	1	1	0	30300	ng/kg	372	ng/kg	Y	Y	0.012277228
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-208	I 1A	1	1	0	20200	ng/kg	370	ng/kg	Y	Y	0.018316832
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	PCB-209	I 1A	1	1	0	366000	ng/kg	3010	ng/kg	Y	Y	0.008224044
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Pentachlorophenol	I 1A	1	0	1	230	ug/kg	5000	ug/kg	N	Y	21.73913043
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Pentachlorophenol	I 1A	1	0	1	700	ug/kg	850	ug/kg	N	Y	1.214285714
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Pentachlorophenol	I 1A	1	0	1	700	ug/kg	850	ug/kg	N	Y	1.214285714
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Pentachlorophenol	I 1A	1	0	1	1050	ug/kg	850	ug/kg	N	Y	0.80952381
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Pentachlorophenol	I 1A	1	0	1	1050	ug/kg	850	ug/kg	N	Y	0.80952381
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Pentachlorophenol	I 1A	1	0	1	1200	ug/kg	850	ug/kg	N	Y	0.708333333
BIST017	LB031A1752	Mussels	Shellfish	Phenanthrene	I 1A	1	1	0	734	ug/kg	100	ug/kg	N	Y	0.136239782
BIST017	LB031A1753	Mussels	Shellfish	Phenanthrene	I 1A	1	1	0	734	ug/kg	72	ug/kg	Y	Y	0.098092643
BIST017	LB031A1754	Mussels	Shellfish	Phenanthrene	I 1A	1	1	0	734	ug/kg	100	ug/kg	N	Y	0.136239782
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Phenanthrene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Phenanthrene	I 1A	1	0	1	285	ug/kg	2.7	ug/kg	Y	Y	0.009473684
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Phenanthrene	I 1A	1	0	1	285	ug/kg	2.9	ug/kg	Y	Y	0.010175439
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Phenanthrene	I 1A	1	0	1	420	ug/kg	1.8	ug/kg	Y	Y	0.004285714
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Phenanthrene	I 1A	1	0	1	420	ug/kg	1.7	ug/kg	Y	Y	0.004047619
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Phenanthrene	I 1A	1	0	1	485	ug/kg	3.9	ug/kg	Y	Y	0.008041237
BIST017	LB031A1752	Mussels	Shellfish	Pyrene	I 1A	1	1	0	17300	ug/kg	100	ug/kg	N	Y	0.005780347
BIST017	LB031A1753	Mussels	Shellfish	Pyrene	I 1A	1	1	0	17300	ug/kg	100	ug/kg	N	Y	0.005780347
BIST017	LB031A1754	Mussels	Shellfish	Pyrene	I 1A	1	1	0	17300	ug/kg	100	ug/kg	N	Y	0.005780347
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Pyrene	I 1A	1	0	1	90	ug/kg	1000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Pyrene	I 1A	1	0	1	285	ug/kg	13	ug/kg	Y	Y	0.045614035
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Pyrene	I 1A	1	0	1	285	ug/kg	19	ug/kg	Y	Y	0.066666667
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Pyrene	I 1A	1	0	1	420	ug/kg	6	ug/kg	Y	Y	0.014285714
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Pyrene	I 1A	1	0	1	420	ug/kg	5.5	ug/kg	Y	Y	0.013095238
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Pyrene	I 1A	1	0	1	485	ug/kg	9.4	ug/kg	Y	Y	0.019381443
BIST017	LB031A1752	Mussels	Shellfish	Selenium	I 1A	1	1	0	2	mg/kg	0.36	mg/kg	Y	Y	0.18
BIST017	LB031A1753	Mussels	Shellfish	Selenium	I 1A	1	1	0	2	mg/kg	0.6	mg/kg	Y	Y	0.3
BIST017	LB031A1754	Mussels	Shellfish	Selenium	I 1A	1	1	0	2	mg/kg	0.095	mg/kg	N	Y	0.0475
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Selenium	I 1A	1	0	1	0.7	mg/kg	0.82	mg/kg	Y	Y	1.171428571
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Selenium	I 1A	1	0	1	0.4	mg/kg	0.465	mg/kg	N	Y	1.1625
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Selenium	I 1A	1	0	1	0.4	mg/kg	0.475	mg/kg	N	Y	1.1875
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Selenium	I 1A	1	0	1	0.55	mg/kg	0.49	mg/kg	N	Y	0.890909091
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Selenium	I 1A	1	0	1	0.55	mg/kg	0.435	mg/kg	N	Y	0.790909091
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Selenium	I 1A	1	0	1	0.7	mg/kg	0.475	mg/kg	N	Y	0.678571429
BIST017	LB031A1752	Mussels	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	1	0	1.12	ug/kg	6	ug/kg	N	Y	5.357142857
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	0	1	2.2	ug/kg	2.55	ug/kg	Y	Y	1.159090909
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	0	1	2.2	ug/kg	2.85	ug/kg	Y	Y	1.295454545
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	1	0	23.9	ug/kg	2.5	ug/kg	N	Y	0.10460251
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	1	0	23.9	ug/kg	2.5	ug/kg	N	Y	0.10460251
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Total Chlordane (U=1/2; max ND)	I 1A	1	0	1	4.5	ug/kg	2.5	ug/kg	N	Y	0.555555556
BIST017	LB031A1752	Mussels	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	1	0	7.55	ug/kg	6	ug/kg	N	Y	0.794701987
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	0	1	4.3	ug/kg	8	ug/kg	Y	Y	1.860465116
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	0	1	4.3	ug/kg	8.7	ug/kg	Y	Y	2.023255814

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	1	0	25.55	ug/kg	6.3	ug/kg	Y	Y	0.246575342
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	1	0	25.55	ug/kg	6.4	ug/kg	Y	Y	0.250489237
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Total DDT (U=1/2; max ND)	I 1A	1	1	0	10	ug/kg	6	ug/kg	Y	Y	0.6
BIST017	LB031A1752	Mussels	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1A	1	1	0	56.365	ng/kg	12.925455	ng/kg	Y	Y	0.229317041
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1A	1	1	0	875.69	ng/kg	16.543	ng/kg	Y	Y	0.018891389
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1A	1	1	0	214.47055	ng/kg	1.20527	ng/kg	Y	Y	0.005619746
BIST017	LB031A1752	Mussels	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	1	0	66884	ug/kg	200	ug/kg	N	Y	0.002990252
BIST017	LB031A1753	Mussels	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	1	0	66884	ug/kg	200	ug/kg	N	Y	0.002990252
BIST017	LB031A1754	Mussels	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	1	0	66884	ug/kg	200	ug/kg	N	Y	0.002990252
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	0	1	180	ug/kg	2000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	0	1	570	ug/kg	3387.65	ug/kg	Y	Y	5.943245614
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	0	1	570	ug/kg	3403.73	ug/kg	Y	Y	5.97145614
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	1	0	4040	ug/kg	3372.42	ug/kg	Y	Y	0.834757426
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	1	0	4040	ug/kg	3371.11	ug/kg	Y	Y	0.834433168
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Total HPAH (U=1/2; max ND)	I 1A	1	0	1	970	ug/kg	3381.72	ug/kg	Y	Y	3.486309278
BIST017	LB031A1752	Mussels	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	1	0	4625.2	ug/kg	200	ug/kg	N	Y	0.043241373
BIST017	LB031A1753	Mussels	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	1	0	4625.2	ug/kg	772	ug/kg	Y	Y	0.166911701
BIST017	LB031A1754	Mussels	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	1	0	4625.2	ug/kg	200	ug/kg	N	Y	0.043241373
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	0	1	180	ug/kg	2000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	0	1	570	ug/kg	2352.6	ug/kg	Y	Y	4.127368421
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	0	1	570	ug/kg	2354.15	ug/kg	Y	Y	4.130087719
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	1	0	3080	ug/kg	2351.28	ug/kg	Y	Y	0.763402597
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	1	0	3080	ug/kg	2350.22	ug/kg	Y	Y	0.763058442
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Total LPAH (U=1/2; max ND)	I 1A	1	0	1	970	ug/kg	2353.92	ug/kg	Y	Y	2.426721649
BIST017	LB031A1752	Mussels	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	1	0	71509.2	ug/kg	200	ug/kg	N	Y	0.002796843
BIST017	LB031A1753	Mussels	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	1	0	71509.2	ug/kg	1172	ug/kg	Y	Y	0.0163895
BIST017	LB031A1754	Mussels	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	1	0	71509.2	ug/kg	200	ug/kg	N	Y	0.002796843
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	0	1	180	ug/kg	2000	ug/kg	N	Y	11.11111111
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	0	1	570	ug/kg	5740.25	ug/kg	Y	Y	10.07061404
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	0	1	570	ug/kg	5757.88	ug/kg	Y	Y	10.10154386
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	1	0	7120	ug/kg	5723.7	ug/kg	Y	Y	0.803890449
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	1	0	7120	ug/kg	5721.33	ug/kg	Y	Y	0.803557584
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Total PAH (U=1/2; max ND)	I 1A	1	0	1	970	ug/kg	5735.64	ug/kg	Y	Y	5.913030928
BIST017	LB031A1752	Mussels	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 1A	1	1	0	155335	ng/kg	35.2	ug/kg	Y	Y	0.000226607
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 1A	1	1	0	114350	ng/kg	69.6	ug/kg	Y	Y	0.000608658
BIST017	LB031A1752	Mussels	Shellfish	Total PCB Congs (U=1/2; max ND)	I 1A	1	1	0	155334.6	ng/kg	35217.7	ng/kg	Y	Y	0.226721542
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total PCB Congs (U=1/2; max ND)	I 1A	1	1	0	114349.9	ng/kg	69601.744	ng/kg	Y	Y	0.608673414
BIST017	LB031A1752	Mussels	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	0	1	15	ug/kg	5	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	0	1	15	ug/kg	54	ug/kg	Y	Y	3.6
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	1	0	67	ug/kg	50	ug/kg	N	Y	0.746268657
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	1	0	13	ug/kg	76	ug/kg	Y	Y	5.846153846
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	1	0	13	ug/kg	105	ug/kg	Y	Y	8.076923077
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	1	0	200	ug/kg	30	ug/kg	Y	Y	0.15
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	1	0	200	ug/kg	33	ug/kg	Y	Y	0.165
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Total PCBs (U=0, max RL)	I 1A	1	1	0	33	ug/kg	18	ug/kg	Y	Y	0.545454545
BIST017	LB031A1752	Mussels	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
BIST017	LB031A1753	Mussels	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	10	ug/kg	N	Y	0.333333333
BIST017	LB031A1754	Mussels	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	0	1	30	ug/kg	84	ug/kg	Y	Y	2.8
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	1	0	196.5	ug/kg	100	ug/kg	N	Y	0.508905852
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	1	0	164	ug/kg	201	ug/kg	Y	Y	1.225609756
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	1	0	164	ug/kg	230	ug/kg	Y	Y	1.402439024
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	1	0	522.5	ug/kg	155	ug/kg	Y	Y	0.296650718
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	1	0	522.5	ug/kg	158	ug/kg	Y	Y	0.302392344

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Total PCBs (U=1/2; max ND)	I 1A	1	1	0	340.5	ug/kg	168	ug/kg	Y	Y	0.49339207
BIST017	LB031A1752	Mussels	Shellfish	Zinc	I 1A	1	1	0	329	mg/kg	6.3	mg/kg	Y	Y	0.019148936
BIST017	LB031A1753	Mussels	Shellfish	Zinc	I 1A	1	1	0	329	mg/kg	5	mg/kg	Y	Y	0.015197568
BIST017	LB031A1754	Mussels	Shellfish	Zinc	I 1A	1	1	0	329	mg/kg	4.4	mg/kg	Y	Y	0.01337386
ECOBI014	00ECO-014-CL1-BI01	Clams	Shellfish	Zinc	I 1A	1	1	0	74.2	mg/kg	8.5	mg/kg	Y	Y	0.114555256
LBD-1-1-R	LBD-1-1-R	Rangia	Shellfish	Zinc	I 1A	1	1	0	20.3	mg/kg	4.2	mg/kg	N	Y	0.206896552
LBD-1-2-R	LBD-1-2-R	Rangia	Shellfish	Zinc	I 1A	1	1	0	20.3	mg/kg	4.85	mg/kg	N	Y	0.238916256
LBD-2-1-R	LBD-2-1-R	Rangia	Shellfish	Zinc	I 1A	1	0	1	102	mg/kg	3.5	mg/kg	N	Y	0.034313725
LBD-2-2-R	LBD-2-2-R	Rangia	Shellfish	Zinc	I 1A	1	0	1	102	mg/kg	3.25	mg/kg	N	Y	0.031862745
LBD-3-1-R	LBD-3-1-R	Rangia	Shellfish	Zinc	I 1A	1	1	0	64.5	mg/kg	4.25	mg/kg	N	Y	0.065891473
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,4,6,7,8-HpCDD	I 1B	1	1	0	260	ng/kg	2.69	ng/kg	Y	Y	0.010346154
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,4,6,7,8-HpCDD	I 1B	1	1	0	1290	ng/kg	5.99	ng/kg	Y	Y	0.004643411
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,4,6,7,8-HpCDD	I 1B	5	5	0	259.5	ng/kg	8.55	ng/kg	Y	Y	0.032947977
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,4,6,7,8-HpCDF	I 1B	1	1	0	720	ng/kg	10.6	ng/kg	Y	Y	0.014722222
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,4,6,7,8-HpCDF	I 1B	1	1	0	31300	ng/kg	23.2	ng/kg	Y	Y	0.000741214
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,4,6,7,8-HpCDF	I 1B	5	5	0	3977.636	ng/kg	439	ng/kg	Y	Y	0.110367062
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8,9-HpCDF	I 1B	1	1	0	120	ng/kg	1.5	ng/kg	Y	Y	0.0125
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8,9-HpCDF	I 1B	1	1	0	6470	ng/kg	3.86	ng/kg	Y	Y	0.0005966
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8,9-HpCDF	I 1B	5	5	0	826.784	ng/kg	207	ng/kg	Y	Y	0.25036769
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDD	I 1B	1	0	1	4.1	ng/kg	0.26	ng/kg	Y	Y	0.063414634
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDD	I 1B	1	1	0	104	ng/kg	0.41	ng/kg	Y	Y	0.003942308
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDD	I 1B	5	5	0	18.252	ng/kg	0.39	ng/kg	Y	Y	0.021367521
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDF	I 1B	1	1	0	250	ng/kg	14.4	ng/kg	Y	Y	0.0576
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDF	I 1B	1	1	0	8990	ng/kg	16.8	ng/kg	Y	Y	0.001868743
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDF	I 1B	5	4	1	1117.195	ng/kg	590	ng/kg	Y	Y	0.528108343
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDF	I 1B	1	1	0	8990	ng/kg	16.8	ng/kg	Y	Y	0.001868743
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,4,7,8-HxCDF	I 1B	5	4	1	1117.195	ng/kg	590	ng/kg	Y	Y	0.528108343
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,6,7,8-HxCDD	I 1B	1	1	0	18	ng/kg	0.94	ng/kg	Y	Y	0.052222222
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,6,7,8-HxCDD	I 1B	1	1	0	117	ng/kg	1.15	ng/kg	Y	Y	0.00982906
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,6,7,8-HxCDD	I 1B	5	5	0	17.148	ng/kg	1.2	ng/kg	Y	Y	0.069979006
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,6,7,8-HxCDF	I 1B	1	1	0	66	ng/kg	5.6	ng/kg	Y	Y	0.084848485
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,6,7,8-HxCDF	I 1B	1	1	0	2990	ng/kg	5.93	ng/kg	Y	Y	0.001983278
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,6,7,8-HxCDF	I 1B	5	4	1	371.151	ng/kg	136	ng/kg	Y	Y	0.36642768
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,7,8,9-HxCDD	I 1B	1	0	1	5.5	ng/kg	0.39	ng/kg	Y	Y	0.070909091
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,7,8,9-HxCDD	I 1B	1	1	0	63.6	ng/kg	0.55	ng/kg	Y	Y	0.008647799
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,7,8,9-HxCDD	I 1B	5	5	0	14.108	ng/kg	0.84	ng/kg	Y	Y	0.059540686
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,7,8,9-HxCDF	I 1B	1	0	1	3.4	ng/kg	0.23	ng/kg	Y	Y	0.067647059
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,7,8,9-HxCDF	I 1B	1	1	0	1090	ng/kg	0.5	ng/kg	Y	Y	0.000458716
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,7,8,9-HxCDF	I 1B	5	4	1	86.021	ng/kg	3.54	ng/kg	Y	Y	0.041152742
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,7,8-PeCDD	I 1B	1	0	1	3.05	ng/kg	0.45	ng/kg	Y	Y	0.147540984
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,7,8-PeCDD	I 1B	1	1	0	78.5	ng/kg	0.61	ng/kg	Y	Y	0.007770701
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,7,8-PeCDD	I 1B	5	4	1	10.8133	ng/kg	0.52	ng/kg	Y	Y	0.048088928
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2,3,7,8-PeCDF	I 1B	1	1	0	94	ng/kg	6.55	ng/kg	Y	Y	0.069680851
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2,3,7,8-PeCDF	I 1B	1	1	0	1550	ng/kg	8.55	ng/kg	Y	Y	0.005516129
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2,3,7,8-PeCDF	I 1B	5	4	1	253.897	ng/kg	28	ng/kg	Y	Y	0.110280941
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	1,2-Dichlorobenzene	I 1B	2	0	2	14	ug/kg	1000	ug/kg	N	Y	71.42857143
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,2-Dichlorobenzene	I 1B	1	0	1	16	ug/kg	335	ug/kg	N	Y	20.9375
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,2-Dichlorobenzene	I 1B	1	0	1	15.5	ug/kg	335	ug/kg	N	Y	21.61290323
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	1,2-Dichlorobenzene	I 1B	2	0	2	13.5	ug/kg	335	ug/kg	N	Y	24.81481481
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,2-Dichlorobenzene	I 1B	2	0	2	8.25	ug/kg	335	ug/kg	N	Y	40.60606061
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	1,3-Dichlorobenzene	I 1B	2	2	0	21	ug/kg	1000	ug/kg	N	Y	47.61904762
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,3-Dichlorobenzene	I 1B	1	1	0	17	ug/kg	335	ug/kg	N	Y	19.70588235
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,3-Dichlorobenzene	I 1B	1	1	0	7	ug/kg	335	ug/kg	N	Y	47.85714286
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	1,3-Dichlorobenzene	I 1B	2	2	0	12.5	ug/kg	335	ug/kg	N	Y	26.8
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,3-Dichlorobenzene	I 1B	2	1	1	10.75	ug/kg	335	ug/kg	N	Y	31.1627907
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	1,4-Dichlorobenzene	I 1B	2	2	0	11.5	ug/kg	1000	ug/kg	N	Y	86.95652174

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	1,4-Dichlorobenzene	I 1B	1	1	0	14	ug/kg	335	ug/kg	N	Y	23.92857143
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	1,4-Dichlorobenzene	I 1B	1	0	1	15.5	ug/kg	335	ug/kg	N	Y	21.61290323
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	1,4-Dichlorobenzene	I 1B	2	1	1	17.25	ug/kg	335	ug/kg	N	Y	19.42028986
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	1,4-Dichlorobenzene	I 1B	2	1	1	6.75	ug/kg	335	ug/kg	N	Y	49.62962963
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	2,3,4,6,7,8-HxCDF	I 1B	1	1	0	26	ng/kg	0.92	ng/kg	Y	Y	0.035384615
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	2,3,4,6,7,8-HxCDF	I 1B	1	1	0	1670	ng/kg	1.46	ng/kg	Y	Y	0.000874251
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	2,3,4,6,7,8-HxCDF	I 1B	5	4	1	139.261	ng/kg	4.96	ng/kg	Y	Y	0.035616576
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	2,3,4,7,8-PeCDF	I 1B	1	1	0	57	ng/kg	3.29	ng/kg	Y	Y	0.057719298
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	2,3,4,7,8-PeCDF	I 1B	1	1	0	1380	ng/kg	4.72	ng/kg	Y	Y	0.00342029
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	2,3,4,7,8-PeCDF	I 1B	5	4	1	185.943	ng/kg	5.75	ng/kg	Y	Y	0.030923455
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	2,3,7,8-TCDD	I 1B	1	0	1	0.9	ng/kg	0.16	ng/kg	Y	Y	0.177777778
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	2,3,7,8-TCDD	I 1B	1	1	0	33.2	ng/kg	0.15	ng/kg	Y	Y	0.004518072
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	2,3,7,8-TCDD	I 1B	5	4	1	4.6054	ng/kg	0.17	ng/kg	Y	Y	0.036913189
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	2,3,7,8-TCDF	I 1B	1	1	0	78	ng/kg	4.75	ng/kg	Y	Y	0.060897436
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	2,3,7,8-TCDF	I 1B	1	1	0	793	ng/kg	6.21	ng/kg	Y	Y	0.007831021
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	2,3,7,8-TCDF	I 1B	5	4	1	90.1368	ng/kg	5.78	ng/kg	Y	Y	0.064124753
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	2-Methylnaphthalene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	2-Methylnaphthalene	I 1B	1	0	1	500	ug/kg	0.57	ug/kg	Y	Y	0.00114
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	2-Methylnaphthalene	I 1B	1	0	1	550	ug/kg	3.2	ug/kg	Y	Y	0.005818182
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	2-Methylnaphthalene	I 1B	3	0	3	363.3333333	ug/kg	4	ug/kg	Y	Y	0.011009174
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	2-Methylnaphthalene	I 1B	3	1	2	86.33333333	ug/kg	2.7	ug/kg	Y	Y	0.031274131
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	4,4'-DDD	I 1B	2	1	1	10.3	ug/kg	2	ug/kg	Y	Y	0.194174757
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	4,4'-DDD	I 1B	1	0	1	5.5	ug/kg	2.5	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	4,4'-DDD	I 1B	1	1	0	14	ug/kg	2.5	ug/kg	N	Y	0.178571429
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	4,4'-DDD	I 1B	3	1	2	9.666666667	ug/kg	2.5	ug/kg	N	Y	0.25862069
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	4,4'-DDD	I 1B	3	2	1	26.03333333	ug/kg	2.5	ug/kg	N	Y	0.09603073
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	4,4'-DDE	I 1B	2	1	1	7.3	ug/kg	3.8	ug/kg	Y	Y	0.520547945
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	4,4'-DDE	I 1B	1	0	1	5.5	ug/kg	2.5	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	4,4'-DDE	I 1B	1	1	0	3.6	ug/kg	2.5	ug/kg	N	Y	0.694444444
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	4,4'-DDE	I 1B	3	2	1	16.2	ug/kg	2.5	ug/kg	N	Y	0.154320988
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	4,4'-DDE	I 1B	3	2	1	20.86666667	ug/kg	2.5	ug/kg	N	Y	0.119808307
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	4,4'-DDT	I 1B	2	0	2	13.8	ug/kg	3	ug/kg	N	Y	0.217391304
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	4,4'-DDT	I 1B	1	0	1	5.5	ug/kg	2.5	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	4,4'-DDT	I 1B	1	0	1	5	ug/kg	2.5	ug/kg	N	Y	0.5
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	4,4'-DDT	I 1B	3	0	3	5.25	ug/kg	2.5	ug/kg	N	Y	0.476190476
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	4,4'-DDT	I 1B	3	0	3	8.15	ug/kg	2.5	ug/kg	N	Y	0.306748466
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Acenaphthene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Acenaphthene	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Acenaphthene	I 1B	1	0	1	550	ug/kg	335	ug/kg	N	Y	0.609090909
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Acenaphthene	I 1B	3	0	3	363.3333333	ug/kg	335	ug/kg	N	Y	0.922018349
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Acenaphthene	I 1B	3	0	3	178.3333333	ug/kg	0.71	ug/kg	Y	Y	0.003981308
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Acenaphthylene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Acenaphthylene	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Acenaphthylene	I 1B	1	0	1	550	ug/kg	0.51	ug/kg	Y	Y	0.000927273
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Acenaphthylene	I 1B	3	0	3	363.3333333	ug/kg	0.84	ug/kg	Y	Y	0.002311927
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Acenaphthylene	I 1B	3	0	3	178.3333333	ug/kg	0.53	ug/kg	Y	Y	0.002971963
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aldrin	I 1B	2	2	0	13.35	ug/kg	3	ug/kg	N	Y	0.224719101
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aldrin	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aldrin	I 1B	1	1	0	6.9	ug/kg	1.25	ug/kg	N	Y	0.18115942
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aldrin	I 1B	3	2	1	13.63333333	ug/kg	1.25	ug/kg	N	Y	0.091687042
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aldrin	I 1B	3	1	2	129.8166667	ug/kg	1.25	ug/kg	N	Y	0.009628964
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	alpha-Chlordane	I 1B	2	0	2	7.175	ug/kg	3	ug/kg	N	Y	0.418118467
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	alpha-Chlordane	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	alpha-Chlordane	I 1B	1	1	0	1.6	ug/kg	1.25	ug/kg	N	Y	0.78125

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	alpha-Chlordane	I 1B	3	2	1	3.333333333	ug/kg	1.25	ug/kg	N	Y	0.375
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	alpha-Chlordane	I 1B	3	2	1	7.756666667	ug/kg	1.25	ug/kg	N	Y	0.161151697
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Anthracene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Anthracene	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Anthracene	I 1B	1	0	1	550	ug/kg	0.55	ug/kg	Y	Y	0.001
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Anthracene	I 1B	3	0	3	363.3333333	ug/kg	0.74	ug/kg	Y	Y	0.002036697
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Anthracene	I 1B	3	0	3	178.3333333	ug/kg	1	ug/kg	Y	Y	0.005607477
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aroclor-1016	I 1B	2	0	2	138	ug/kg	50	ug/kg	N	Y	0.362318841
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aroclor-1016	I 1B	1	0	1	55	ug/kg	25	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aroclor-1016	I 1B	1	0	1	50	ug/kg	25	ug/kg	N	Y	0.5
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aroclor-1016	I 1B	3	0	3	31.5	ug/kg	25	ug/kg	N	Y	0.793650794
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aroclor-1016	I 1B	3	0	3	26	ug/kg	25	ug/kg	N	Y	0.961538462
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aroclor-1221	I 1B	2	0	2	277.5	ug/kg	50	ug/kg	N	Y	0.18018018
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aroclor-1221	I 1B	1	0	1	105	ug/kg	25	ug/kg	N	Y	0.238095238
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aroclor-1221	I 1B	1	0	1	105	ug/kg	25	ug/kg	N	Y	0.238095238
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aroclor-1221	I 1B	3	0	3	62.33333333	ug/kg	25	ug/kg	N	Y	0.401069519
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aroclor-1221	I 1B	3	0	3	46.83333333	ug/kg	25	ug/kg	N	Y	0.533807829
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aroclor-1232	I 1B	2	0	2	138	ug/kg	50	ug/kg	N	Y	0.362318841
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aroclor-1232	I 1B	1	0	1	55	ug/kg	25	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aroclor-1232	I 1B	1	0	1	50	ug/kg	25	ug/kg	N	Y	0.5
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aroclor-1232	I 1B	3	0	3	31.5	ug/kg	25	ug/kg	N	Y	0.793650794
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aroclor-1232	I 1B	3	0	3	26	ug/kg	25	ug/kg	N	Y	0.961538462
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aroclor-1242	I 1B	2	0	2	138	ug/kg	50	ug/kg	N	Y	0.362318841
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aroclor-1242	I 1B	1	0	1	55	ug/kg	25	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aroclor-1242	I 1B	1	0	1	50	ug/kg	25	ug/kg	N	Y	0.5
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aroclor-1242	I 1B	3	0	3	31.5	ug/kg	25	ug/kg	N	Y	0.793650794
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aroclor-1242	I 1B	3	0	3	26	ug/kg	25	ug/kg	N	Y	0.961538462
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aroclor-1248	I 1B	2	0	2	138	ug/kg	50	ug/kg	N	Y	0.362318841
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aroclor-1248	I 1B	1	0	1	55	ug/kg	25	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aroclor-1248	I 1B	1	0	1	50	ug/kg	25	ug/kg	N	Y	0.5
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aroclor-1248	I 1B	3	0	3	31.5	ug/kg	25	ug/kg	N	Y	0.793650794
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aroclor-1248	I 1B	3	0	3	26	ug/kg	25	ug/kg	N	Y	0.961538462
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aroclor-1254	I 1B	2	0	2	138	ug/kg	50	ug/kg	N	Y	0.362318841
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aroclor-1254	I 1B	1	1	0	47	ug/kg	19	ug/kg	Y	Y	0.404255319
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aroclor-1254	I 1B	1	0	1	50	ug/kg	34	ug/kg	Y	Y	0.68
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aroclor-1254	I 1B	3	1	2	105.6666667	ug/kg	32	ug/kg	Y	Y	0.302839117
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aroclor-1254	I 1B	3	1	2	209	ug/kg	31	ug/kg	Y	Y	0.148325359
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Aroclor-1260	I 1B	2	0	2	138	ug/kg	50	ug/kg	N	Y	0.362318841
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Aroclor-1260	I 1B	1	0	1	55	ug/kg	18	ug/kg	Y	Y	0.327272727
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Aroclor-1260	I 1B	1	0	1	50	ug/kg	35	ug/kg	Y	Y	0.7
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Aroclor-1260	I 1B	3	0	3	31.5	ug/kg	22	ug/kg	Y	Y	0.698412698
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Aroclor-1260	I 1B	3	1	2	42.16666667	ug/kg	34	ug/kg	Y	Y	0.806324111
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Arsenic	I 1B	2	2	0	3.65	mg/kg	0.4	mg/kg	N	Y	0.109589041
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Arsenic	I 1B	1	1	0	4	mg/kg	0.89	mg/kg	Y	Y	0.2225
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Arsenic	I 1B	1	1	0	5.3	mg/kg	0.8	mg/kg	Y	Y	0.150943396
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Arsenic	I 1B	3	3	0	4.233333333	mg/kg	1	mg/kg	Y	Y	0.236220472
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Arsenic	I 1B	3	3	0	2.833333333	mg/kg	0.81	mg/kg	Y	Y	0.285882353
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Benzo(a)anthracene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Benzo(a)anthracene	I 1B	1	0	1	500	ug/kg	0.68	ug/kg	Y	Y	0.00136
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Benzo(a)anthracene	I 1B	1	0	1	550	ug/kg	3.5	ug/kg	Y	Y	0.006363636
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Benzo(a)anthracene	I 1B	3	0	3	363.3333333	ug/kg	4.4	ug/kg	Y	Y	0.012110092
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Benzo(a)anthracene	I 1B	3	1	2	145	ug/kg	2.4	ug/kg	Y	Y	0.016551724
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Benzo(a)pyrene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Benzo(a)pyrene	I 1B	1	0	1	500	ug/kg	0.81	ug/kg	Y	Y	0.00162

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Benzo(a)pyrene	I 1B	1	0	1	550	ug/kg	4.1	ug/kg	Y	Y	0.007454545
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Benzo(a)pyrene	I 1B	3	0	3	363.3333333	ug/kg	6.5	ug/kg	Y	Y	0.017889908
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Benzo(a)pyrene	I 1B	3	1	2	135	ug/kg	2.9	ug/kg	Y	Y	0.021481481
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Benzo(b)fluoranthene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Benzo(b)fluoranthene	I 1B	1	0	1	500	ug/kg	0.62	ug/kg	Y	Y	0.00124
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Benzo(b)fluoranthene	I 1B	1	0	1	550	ug/kg	3.3	ug/kg	Y	Y	0.006
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Benzo(b)fluoranthene	I 1B	3	0	3	363.3333333	ug/kg	5.3	ug/kg	Y	Y	0.014587156
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Benzo(b)fluoranthene	I 1B	3	1	2	208.3333333	ug/kg	3	ug/kg	Y	Y	0.0144
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Benzo(g,h,i)perylene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Benzo(g,h,i)perylene	I 1B	1	0	1	500	ug/kg	0.74	ug/kg	Y	Y	0.00148
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Benzo(g,h,i)perylene	I 1B	1	0	1	550	ug/kg	5.5	ug/kg	Y	Y	0.01
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Benzo(g,h,i)perylene	I 1B	3	0	3	363.3333333	ug/kg	7.8	ug/kg	Y	Y	0.02146789
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Benzo(g,h,i)perylene	I 1B	3	1	2	101.6666667	ug/kg	3.7	ug/kg	Y	Y	0.036393443
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Benzo(k)fluoranthene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Benzo(k)fluoranthene	I 1B	1	0	1	500	ug/kg	0.39	ug/kg	Y	Y	0.00078
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Benzo(k)fluoranthene	I 1B	1	0	1	550	ug/kg	1.3	ug/kg	Y	Y	0.002363636
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Benzo(k)fluoranthene	I 1B	3	0	3	363.3333333	ug/kg	2.7	ug/kg	Y	Y	0.007431193
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Benzo(k)fluoranthene	I 1B	3	0	3	193.3333333	ug/kg	1.5	ug/kg	Y	Y	0.007758621
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	beta-BHC	I 1B	2	2	0	148	ug/kg	3	ug/kg	N	Y	0.02027027
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	beta-BHC	I 1B	1	1	0	36	ug/kg	1.25	ug/kg	N	Y	0.034722222
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	beta-BHC	I 1B	1	1	0	150	ug/kg	1.25	ug/kg	N	Y	0.008333333
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	beta-BHC	I 1B	3	3	0	110.6666667	ug/kg	1.25	ug/kg	N	Y	0.011295181
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	beta-BHC	I 1B	3	2	1	81.7	ug/kg	1.25	ug/kg	N	Y	0.015299878
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Cadmium	I 1B	2	0	2	0.3225	mg/kg	0.25	mg/kg	N	Y	0.775193798
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Cadmium	I 1B	1	0	1	0.325	mg/kg	0.061	mg/kg	Y	Y	0.187692308
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Cadmium	I 1B	1	0	1	0.36	mg/kg	0.066	mg/kg	Y	Y	0.183333333
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Cadmium	I 1B	2	0	2	0.305	mg/kg	0.053	mg/kg	Y	Y	0.173770492
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Cadmium	I 1B	2	0	2	0.1525	mg/kg	0.07	mg/kg	Y	Y	0.459016393
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Chromium	I 1B	2	2	0	44.15	mg/kg	0.5	mg/kg	N	Y	0.011325028
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Chromium	I 1B	1	1	0	59.5	mg/kg	0.21	mg/kg	N	Y	0.003529412
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Chromium	I 1B	1	1	0	153	mg/kg	0.485	mg/kg	N	Y	0.003169935
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Chromium	I 1B	3	3	0	69.53333333	mg/kg	1.2	mg/kg	Y	Y	0.01725791
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Chromium	I 1B	3	3	0	27.83333333	mg/kg	1.3	mg/kg	Y	Y	0.046706587
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Chrysene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Chrysene	I 1B	1	0	1	500	ug/kg	0.97	ug/kg	Y	Y	0.00194
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Chrysene	I 1B	1	0	1	550	ug/kg	7.5	ug/kg	Y	Y	0.013636364
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Chrysene	I 1B	3	1	2	305	ug/kg	9.2	ug/kg	Y	Y	0.030163934
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Chrysene	I 1B	3	2	1	253.3333333	ug/kg	5.1	ug/kg	Y	Y	0.020131579
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Copper	I 1B	2	2	0	138.5	mg/kg	0.64	mg/kg	Y	Y	0.004620939
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Copper	I 1B	1	1	0	159	mg/kg	29	mg/kg	Y	Y	0.182389937
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Copper	I 1B	1	1	0	853	mg/kg	30	mg/kg	Y	Y	0.035169988
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Copper	I 1B	3	3	0	335.9	mg/kg	30	mg/kg	Y	Y	0.089312295
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Copper	I 1B	3	3	0	71.23333333	mg/kg	33	mg/kg	Y	Y	0.463266261
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	delta-BHC	I 1B	2	2	0	7.15	ug/kg	3	ug/kg	N	Y	0.41958042
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	delta-BHC	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	delta-BHC	I 1B	1	0	1	2.65	ug/kg	1.25	ug/kg	N	Y	0.471698113
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	delta-BHC	I 1B	3	0	3	6.716666667	ug/kg	1.25	ug/kg	N	Y	0.186104218
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	delta-BHC	I 1B	3	1	2	19.81666667	ug/kg	1.25	ug/kg	N	Y	0.063078217
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Dibenzo(a,h)anthracene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Dibenzo(a,h)anthracene	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Dibenzo(a,h)anthracene	I 1B	1	0	1	550	ug/kg	1.7	ug/kg	Y	Y	0.003090909
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Dibenzo(a,h)anthracene	I 1B	3	0	3	363.3333333	ug/kg	2.7	ug/kg	Y	Y	0.007431193
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Dibenzo(a,h)anthracene	I 1B	3	0	3	193.3333333	ug/kg	1.2	ug/kg	Y	Y	0.006206897
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Endosulfan I	I 1B	2	1	1	6.245	ug/kg	3	ug/kg	N	Y	0.480384307

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Endosulfan I	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Endosulfan I	I 1B	1	0	1	2.65	ug/kg	1.25	ug/kg	N	Y	0.471698113
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Endosulfan I	I 1B	3	0	3	3.866666667	ug/kg	1.25	ug/kg	N	Y	0.323275862
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Endosulfan I	I 1B	3	1	2	6.943333333	ug/kg	1.25	ug/kg	N	Y	0.180028805
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Endosulfan II	I 1B	2	0	2	13.8	ug/kg	8.5	ug/kg	Y	Y	0.615942029
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Endosulfan II	I 1B	1	0	1	5.5	ug/kg	2.5	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Endosulfan II	I 1B	1	0	1	5	ug/kg	2.5	ug/kg	N	Y	0.5
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Endosulfan II	I 1B	3	1	2	28.33333333	ug/kg	2.5	ug/kg	N	Y	0.088235294
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Endosulfan II	I 1B	3	1	2	63.45	ug/kg	2.5	ug/kg	N	Y	0.039401103
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Endrin	I 1B	2	2	0	3.4	ug/kg	3	ug/kg	N	Y	0.882352941
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Endrin	I 1B	1	0	1	5.5	ug/kg	2.5	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Endrin	I 1B	1	0	1	5	ug/kg	2.5	ug/kg	N	Y	0.5
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Endrin	I 1B	3	1	2	19.33333333	ug/kg	2.5	ug/kg	N	Y	0.129310345
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Endrin	I 1B	3	1	2	26.78333333	ug/kg	2.5	ug/kg	N	Y	0.09334163
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Fluoranthene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Fluoranthene	I 1B	1	0	1	500	ug/kg	0.72	ug/kg	Y	Y	0.00144
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Fluoranthene	I 1B	1	0	1	550	ug/kg	1.8	ug/kg	Y	Y	0.003272727
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Fluoranthene	I 1B	3	0	3	363.3333333	ug/kg	2.5	ug/kg	Y	Y	0.006880734
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Fluoranthene	I 1B	3	2	1	183.3333333	ug/kg	2.6	ug/kg	Y	Y	0.014181818
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Fluorene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Fluorene	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Fluorene	I 1B	1	0	1	550	ug/kg	0.39	ug/kg	Y	Y	0.000709091
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Fluorene	I 1B	3	0	3	363.3333333	ug/kg	0.51	ug/kg	Y	Y	0.00140367
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Fluorene	I 1B	3	0	3	178.3333333	ug/kg	0.85	ug/kg	Y	Y	0.004766355
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	gamma-BHC (Lindane)	I 1B	2	1	1	2.125	ug/kg	1.2	ug/kg	Y	Y	0.564705882
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	gamma-BHC (Lindane)	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	gamma-BHC (Lindane)	I 1B	1	0	1	2.65	ug/kg	1.25	ug/kg	N	Y	0.471698113
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	gamma-BHC (Lindane)	I 1B	3	1	2	5.35	ug/kg	1.25	ug/kg	N	Y	0.23364486
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	gamma-BHC (Lindane)	I 1B	3	1	2	14.15	ug/kg	1.25	ug/kg	N	Y	0.088339223
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	gamma-Chlordane	I 1B	2	1	1	4.275	ug/kg	3	ug/kg	N	Y	0.701754386
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	gamma-Chlordane	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	gamma-Chlordane	I 1B	1	1	0	2.2	ug/kg	1.25	ug/kg	N	Y	0.568181818
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	gamma-Chlordane	I 1B	3	1	2	3.716666667	ug/kg	1.25	ug/kg	N	Y	0.33632287
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	gamma-Chlordane	I 1B	3	1	2	73.15	ug/kg	1.25	ug/kg	N	Y	0.017088175
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Heptachlor	I 1B	2	0	2	7.175	ug/kg	3	ug/kg	N	Y	0.418118467
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Heptachlor	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Heptachlor	I 1B	1	0	1	2.65	ug/kg	1.25	ug/kg	N	Y	0.471698113
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Heptachlor	I 1B	3	1	2	46.55	ug/kg	1.25	ug/kg	N	Y	0.026852846
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Heptachlor	I 1B	3	1	2	86.48333333	ug/kg	1.25	ug/kg	N	Y	0.014453652
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Heptachlor Epoxide	I 1B	2	0	2	7.175	ug/kg	11	ug/kg	N	Y	1.533101045
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Heptachlor Epoxide	I 1B	1	0	1	2.7	ug/kg	1.25	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Heptachlor Epoxide	I 1B	1	0	1	2.65	ug/kg	1.25	ug/kg	N	Y	0.471698113
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Heptachlor Epoxide	I 1B	3	0	3	9.05	ug/kg	1.25	ug/kg	N	Y	0.138121547
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Heptachlor Epoxide	I 1B	3	1	2	7.3	ug/kg	1.25	ug/kg	N	Y	0.171232877
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Hexachloro-1,3-butadiene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Hexachloro-1,3-butadiene	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Hexachloro-1,3-butadiene	I 1B	1	0	1	550	ug/kg	335	ug/kg	N	Y	0.609090909
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Hexachloro-1,3-butadiene	I 1B	3	2	1	423.3333333	ug/kg	335	ug/kg	N	Y	0.791338583
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Hexachloro-1,3-butadiene	I 1B	6	2	4	365.6666667	ug/kg	335	ug/kg	N	Y	0.916134913
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Hexachlorobenzene	I 1B	2	1	1	847.5	ug/kg	1000	ug/kg	N	Y	1.179941003
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Hexachlorobenzene	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Hexachlorobenzene	I 1B	1	0	1	550	ug/kg	335	ug/kg	N	Y	0.609090909
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Hexachlorobenzene	I 1B	3	2	1	2430	ug/kg	335	ug/kg	N	Y	0.137860082
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Hexachlorobenzene	I 1B	3	3	0	9940	ug/kg	335	ug/kg	N	Y	0.033702213

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Hexachloroethane	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Hexachloroethane	I 1B	1	0	1	500	ug/kg	335	ug/kg	N	Y	0.67
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Hexachloroethane	I 1B	1	0	1	550	ug/kg	335	ug/kg	N	Y	0.609090909
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Hexachloroethane	I 1B	3	0	3	363.3333333	ug/kg	335	ug/kg	N	Y	0.922018349
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Hexachloroethane	I 1B	3	0	3	178.3333333	ug/kg	335	ug/kg	N	Y	1.878504673
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 1B	1	0	1	500	ug/kg	0.36	ug/kg	Y	Y	0.00072
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 1B	1	0	1	550	ug/kg	1.7	ug/kg	Y	Y	0.003090909
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 1B	3	0	3	363.3333333	ug/kg	3.1	ug/kg	Y	Y	0.00853211
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 1B	3	1	2	80	ug/kg	1.4	ug/kg	Y	Y	0.0175
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Lead	I 1B	2	2	0	58.35	mg/kg	0.4	mg/kg	N	Y	0.006855184
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Lead	I 1B	1	1	0	63.3	mg/kg	0.47	mg/kg	Y	Y	0.007424961
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Lead	I 1B	1	1	0	264	mg/kg	2.2	mg/kg	Y	Y	0.008333333
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Lead	I 1B	3	3	0	111.3	mg/kg	2	mg/kg	Y	Y	0.017969452
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Lead	I 1B	3	3	0	49.23333333	mg/kg	1.4	mg/kg	Y	Y	0.028436019
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Mercury	I 1B	2	2	0	2.75	mg/kg	0.063	mg/kg	Y	Y	0.022909091
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	1	1	0	2.4	mg/kg	0.098	mg/kg	Y	Y	0.040833333
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	1	1	0	2.4	mg/kg	103	ng/g	Y	Y	42.91666667
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	1	1	0	2.4	mg/kg	0.098	mg/kg	Y	Y	0.040833333
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	1	1	0	2.4	mg/kg	103	ng/g	Y	Y	42.91666667
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	1	1	0	7.2	mg/kg	0.097	mg/kg	Y	Y	0.013472222
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	1	1	0	7.2	mg/kg	78.5	ng/g	Y	Y	10.90277778
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Mercury	I 1B	3	3	0	3.34	mg/kg	88.1	ng/g	Y	Y	26.37724551
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Mercury	I 1B	3	3	0	3.34	mg/kg	0.12	mg/kg	Y	Y	0.035928144
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	3	2	1	0.81	mg/kg	0.062	mg/kg	Y	Y	0.07654321
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Mercury	I 1B	3	2	1	0.81	mg/kg	55.6	ng/g	Y	Y	68.64197531
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Methoxychlor	I 1B	2	0	2	71.75	ug/kg	5.5	ug/kg	N	Y	0.076655052
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Methoxychlor	I 1B	1	0	1	27	ug/kg	12.5	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Methoxychlor	I 1B	1	0	1	26.5	ug/kg	12.5	ug/kg	N	Y	0.471698113
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Methoxychlor	I 1B	3	0	3	17.66666667	ug/kg	12.5	ug/kg	N	Y	0.70754717
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Methoxychlor	I 1B	3	0	3	13.29833333	ug/kg	12.5	ug/kg	N	Y	0.939967414
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Nickel	I 1B	2	2	0	40.05	mg/kg	2	mg/kg	N	Y	0.049937578
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Nickel	I 1B	1	1	0	41.3	mg/kg	0.59	mg/kg	Y	Y	0.014285714
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Nickel	I 1B	1	1	0	72.9	mg/kg	0.54	mg/kg	Y	Y	0.007407407
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Nickel	I 1B	3	3	0	40.66666667	mg/kg	0.62	mg/kg	Y	Y	0.015245902
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Nickel	I 1B	3	3	0	20.5	mg/kg	0.58	mg/kg	Y	Y	0.028292683
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	OCDD	I 1B	1	1	0	3200	ng/kg	25.4	ng/kg	Y	Y	0.0079375
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	OCDD	I 1B	1	1	0	14300	ng/kg	70.9	ng/kg	Y	Y	0.004958042
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	OCDD	I 1B	5	5	0	3382	ng/kg	105	ng/kg	Y	Y	0.031046718
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	OCDF	I 1B	1	1	0	3900	ng/kg	17.8	ng/kg	Y	Y	0.004564103
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	OCDF	I 1B	1	1	0	6410	ng/kg	104	ng/kg	Y	Y	0.016224649
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	OCDF	I 1B	5	5	0	35748.26	ng/kg	420	ng/kg	Y	Y	0.011748824
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-105	I 1B	1	1	0	22800	ng/kg	1020	ng/kg	Y	Y	0.044736842
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-105	I 1B	1	1	0	18000	ng/kg	1450	ng/kg	Y	Y	0.080555556
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-105	I 1B	4	4	0	2712.955	ng/kg	2260	ng/kg	Y	Y	0.833039988
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-114	I 1B	1	1	0	6040	ng/kg	50.2	ng/kg	Y	Y	0.008311258
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-114	I 1B	1	1	0	7080	ng/kg	78.4	ng/kg	Y	Y	0.011073446
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-114	I 1B	4	3	1	777.61425	ng/kg	93.9	ng/kg	Y	Y	0.12075396
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-118	I 1B	1	1	0	87700	ng/kg	3370	ng/kg	Y	Y	0.038426454
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-118	I 1B	1	1	0	3910	ng/kg	4530	ng/kg	Y	Y	1.158567775
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-118	I 1B	1	1	0	15300	ng/kg	7630	ng/kg	Y	Y	0.49869281
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-123	I 1B	1	1	0	5.26	ng/kg	75.4	ng/kg	Y	Y	14.33460076
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-123	I 1B	1	1	0	3880	ng/kg	84.1	ng/kg	Y	Y	0.021675258
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-123	I 1B	3	3	0	342.1733333	ng/kg	180	ng/kg	Y	Y	0.526049176

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-126	I 1B	1	1	0	1570	ng/kg	63.5	ng/kg	Y	Y	0.04044586
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-126	I 1B	1	1	0	1180	ng/kg	30	ng/kg	Y	Y	0.025423729
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-126	I 1B	4	3	1	162.8725	ng/kg	93.8	ng/kg	Y	Y	0.575910605
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-136	I 1B	1	1	0	13.9	ng/kg	37.9	ng/kg	Y	Y	2.726618705
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-136	I 1B	1	1	0	7310	ng/kg	175	ng/kg	Y	Y	0.023939808
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-136	I 1B	3	2	1	784.3366667	ng/kg	253	ng/kg	Y	Y	0.322565565
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-141	I 1B	1	1	0	18.6	ng/kg	671	ng/kg	Y	Y	36.07526882
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-141	I 1B	1	1	0	12300	ng/kg	1040	ng/kg	Y	Y	0.084552846
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-141	I 1B	3	3	0	1359.583333	ng/kg	2060	ng/kg	Y	Y	1.515170089
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-167	I 1B	1	1	0	19900	ng/kg	414	ng/kg	Y	Y	0.02080402
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-167	I 1B	1	1	0	19300	ng/kg	508	ng/kg	Y	Y	0.026321244
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-167	I 1B	4	4	0	1886.6775	ng/kg	835	ng/kg	Y	Y	0.442576964
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-169	I 1B	1	1	0	984	ng/kg	1.035	ng/kg	N	Y	0.001051829
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-169	I 1B	1	1	0	418	ng/kg	6.82	ng/kg	Y	Y	0.016315789
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-169	I 1B	4	1	3	87.9275	ng/kg	1.915	ng/kg	N	Y	0.021779307
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-174	I 1B	1	1	0	24.7	ng/kg	371	ng/kg	Y	Y	15.02024291
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-174	I 1B	1	1	0	15900	ng/kg	914	ng/kg	Y	Y	0.057484277
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-174	I 1B	3	3	0	1321.44	ng/kg	1200	ng/kg	Y	Y	0.908100254
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-179	I 1B	1	1	0	11.1	ng/kg	104	ng/kg	Y	Y	9.369369369
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-179	I 1B	1	1	0	8090	ng/kg	338	ng/kg	Y	Y	0.041779975
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-179	I 1B	3	2	1	524.3033333	ng/kg	385	ng/kg	Y	Y	0.734307748
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-189	I 1B	1	1	0	12200	ng/kg	52.7	ng/kg	Y	Y	0.004319672
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-189	I 1B	1	1	0	13500	ng/kg	93.6	ng/kg	Y	Y	0.006933333
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-189	I 1B	4	4	0	1252.15	ng/kg	83.2	ng/kg	Y	Y	0.066445713
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-194	I 1B	1	1	0	56.3	ng/kg	265	ng/kg	Y	Y	4.706927176
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-194	I 1B	1	1	0	90000	ng/kg	534	ng/kg	Y	Y	0.005933333
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-194	I 1B	3	3	0	4344.966667	ng/kg	430	ng/kg	Y	Y	0.098965086
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-202	I 1B	1	1	0	7.73	ng/kg	73.3	ng/kg	Y	Y	9.482535576
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-202	I 1B	1	1	0	11400	ng/kg	249	ng/kg	Y	Y	0.021842105
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-202	I 1B	3	2	1	482.47	ng/kg	160	ng/kg	Y	Y	0.331626837
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-206	I 1B	1	1	0	295	ng/kg	318	ng/kg	Y	Y	1.077966102
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-206	I 1B	1	1	0	523000	ng/kg	1160	ng/kg	Y	Y	0.002217973
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-206	I 1B	3	3	0	28556.9	ng/kg	387	ng/kg	Y	Y	0.013551891
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-207	I 1B	1	1	0	45.8	ng/kg	118	ng/kg	Y	Y	2.576419214
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-207	I 1B	1	1	0	85900	ng/kg	384	ng/kg	Y	Y	0.004470314
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-207	I 1B	3	3	0	4686.25	ng/kg	143	ng/kg	Y	Y	0.030514804
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-208	I 1B	1	1	0	39.1	ng/kg	119	ng/kg	Y	Y	3.043478261
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-208	I 1B	1	1	0	69900	ng/kg	499	ng/kg	Y	Y	0.00713877
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-208	I 1B	3	3	0	3323.186667	ng/kg	157	ng/kg	Y	Y	0.04724381
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	PCB-209	I 1B	1	1	0	718	ng/kg	642	ng/kg	Y	Y	0.894150418
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	PCB-209	I 1B	1	1	0	1080000	ng/kg	2720	ng/kg	Y	Y	0.002518519
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	PCB-209	I 1B	3	3	0	71365.66667	ng/kg	906	ng/kg	Y	Y	0.01269518
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Pentachlorophenol	I 1B	2	0	2	1200	ug/kg	5000	ug/kg	N	Y	4.166666667
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Pentachlorophenol	I 1B	1	0	1	1300	ug/kg	850	ug/kg	N	Y	0.653846154
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Pentachlorophenol	I 1B	1	0	1	1350	ug/kg	850	ug/kg	N	Y	0.62962963
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Pentachlorophenol	I 1B	2	0	2	1175	ug/kg	850	ug/kg	N	Y	0.723404255
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Pentachlorophenol	I 1B	2	0	2	590	ug/kg	850	ug/kg	N	Y	1.440677966
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Phenanthrene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Phenanthrene	I 1B	1	0	1	500	ug/kg	0.79	ug/kg	Y	Y	0.00158
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Phenanthrene	I 1B	1	0	1	550	ug/kg	4.5	ug/kg	Y	Y	0.008181818
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Phenanthrene	I 1B	3	0	3	363.3333333	ug/kg	5.5	ug/kg	Y	Y	0.015137615
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Phenanthrene	I 1B	3	2	1	150	ug/kg	4	ug/kg	Y	Y	0.026666667
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Pyrene	I 1B	2	0	2	477.5	ug/kg	1000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Pyrene	I 1B	1	1	0	110	ug/kg	1.2	ug/kg	Y	Y	0.010909091

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						Sediment Samples						Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Pyrene	I 1B	1	0	1	550	ug/kg	6.4	ug/kg	Y	Y	0.011636364
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Pyrene	I 1B	3	0	3	363.3333333	ug/kg	7.5	ug/kg	Y	Y	0.020642202
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Pyrene	I 1B	3	2	1	363.3333333	ug/kg	5.3	ug/kg	Y	Y	0.014587156
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Selenium	I 1B	2	0	2	0.775	mg/kg	1.3	mg/kg	Y	Y	1.677419355
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Selenium	I 1B	1	0	1	0.75	mg/kg	0.49	mg/kg	N	Y	0.653333333
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Selenium	I 1B	1	0	1	0.85	mg/kg	0.475	mg/kg	N	Y	0.558823529
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Selenium	I 1B	3	1	2	0.583333333	mg/kg	0.42	mg/kg	N	Y	0.72
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Selenium	I 1B	3	1	2	0.593333333	mg/kg	0.46	mg/kg	N	Y	0.775280899
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 1B	2	1	1	11.45	ug/kg	6	ug/kg	N	Y	0.524017467
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 1B	1	0	1	5.4	ug/kg	2.5	ug/kg	N	Y	0.462962963
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 1B	1	1	0	3.8	ug/kg	2.5	ug/kg	N	Y	0.657894737
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 1B	3	2	1	7.05	ug/kg	2.5	ug/kg	N	Y	0.354609929
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 1B	3	2	1	80.90666667	ug/kg	2.5	ug/kg	N	Y	0.030899802
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Total DDT (U=1/2; max ND)	I 1B	2	1	1	29.1	ug/kg	8.8	ug/kg	Y	Y	0.302405498
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total DDT (U=1/2; max ND)	I 1B	1	0	1	11	ug/kg	5	ug/kg	N	Y	0.454545455
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total DDT (U=1/2; max ND)	I 1B	1	1	0	22.6	ug/kg	5	ug/kg	N	Y	0.221238938
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Total DDT (U=1/2; max ND)	I 1B	3	2	1	28.78333333	ug/kg	5	ug/kg	N	Y	0.173711639
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total DDT (U=1/2; max ND)	I 1B	3	2	1	48.88333333	ug/kg	5	ug/kg	N	Y	0.10228435
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1B	1	1	0	82.1	ng/kg	4.70336	ng/kg	Y	Y	0.057288185
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1B	1	1	0	4.95	ng/kg	6.11647	ng/kg	Y	Y	1.235650505
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 1B	2	2	0	440.11	ng/kg	84.229	ng/kg	Y	Y	0.1913817
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Total HPAH (U=1/2; max ND)	I 1B	2	0	2	955	ug/kg	2000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total HPAH (U=1/2; max ND)	I 1B	1	1	0	4610	ug/kg	3357.34	ug/kg	Y	Y	0.728273319
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total HPAH (U=1/2; max ND)	I 1B	1	0	1	1100	ug/kg	3386.8	ug/kg	Y	Y	3.078909091
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Total HPAH (U=1/2; max ND)	I 1B	3	1	2	1721.666667	ug/kg	3401.7	ug/kg	Y	Y	1.975818006
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total HPAH (U=1/2; max ND)	I 1B	3	2	1	1616.666667	ug/kg	3379.1	ug/kg	Y	Y	2.090164948
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Total LPAH (U=1/2; max ND)	I 1B	2	0	2	955	ug/kg	2000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total LPAH (U=1/2; max ND)	I 1B	1	0	1	1000	ug/kg	2350.37	ug/kg	Y	Y	2.35037
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total LPAH (U=1/2; max ND)	I 1B	1	0	1	1100	ug/kg	2356.3	ug/kg	Y	Y	2.142090909
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Total LPAH (U=1/2; max ND)	I 1B	3	1	2	1591.666667	ug/kg	2359.04	ug/kg	Y	Y	1.482119372
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total LPAH (U=1/2; max ND)	I 1B	3	2	1	1184.666667	ug/kg	2355.89	ug/kg	Y	Y	1.988652223
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Total PAH (U=1/2; max ND)	I 1B	2	0	2	955	ug/kg	2000	ug/kg	N	Y	2.094240838
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total PAH (U=1/2; max ND)	I 1B	1	1	0	8610	ug/kg	5707.71	ug/kg	Y	Y	0.662916376
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total PAH (U=1/2; max ND)	I 1B	1	0	1	1100	ug/kg	5743.1	ug/kg	Y	Y	5.221
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Total PAH (U=1/2; max ND)	I 1B	3	1	2	2850	ug/kg	5760.74	ug/kg	Y	Y	2.021312281
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total PAH (U=1/2; max ND)	I 1B	3	2	1	2741.333333	ug/kg	5734.99	ug/kg	Y	Y	2.092044018
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 1B	1	1	0	642	ug/kg	53	ug/kg	Y	Y	0.082554517
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 1B	1	1	0	5228014	ng/kg	94.1	ug/kg	Y	Y	1.79992E-05
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 1B	4	4	0	278244.5	ng/kg	128	ug/kg	Y	Y	0.000460027
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total PCB Congs (U=1/2; max ND)	I 1B	1	1	0	642378	ng/kg	53032.8975	ng/kg	Y	Y	0.082557151
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total PCB Congs (U=1/2; max ND)	I 1B	1	1	0	33430.2	ng/kg	94115.3365	ng/kg	Y	Y	2.815278895
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total PCB Congs (U=1/2; max ND)	I 1B	1	1	0	92734	ng/kg	9220	ng/kg	Y	Y	0.099424159
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Total PCBs (U=0, max RL)	I 1B	2	0	2	277.5	ug/kg	50	ug/kg	N	Y	0.18018018
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total PCBs (U=0, max RL)	I 1B	1	1	0	47	ug/kg	37	ug/kg	Y	Y	0.787234043
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total PCBs (U=0, max RL)	I 1B	1	0	1	105	ug/kg	69	ug/kg	Y	Y	0.657142857
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Total PCBs (U=0, max RL)	I 1B	3	1	2	124	ug/kg	54	ug/kg	Y	Y	0.435483871
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total PCBs (U=0, max RL)	I 1B	3	2	1	225.1666667	ug/kg	65	ug/kg	Y	Y	0.288675056
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Total PCBs (U=1/2; max ND)	I 1B	2	0	2	555	ug/kg	100	ug/kg	N	Y	0.18018018
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Total PCBs (U=1/2; max ND)	I 1B	1	1	0	427	ug/kg	162	ug/kg	Y	Y	0.379391101
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Total PCBs (U=1/2; max ND)	I 1B	1	0	1	210	ug/kg	194	ug/kg	Y	Y	0.923809524
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Total PCBs (U=1/2; max ND)	I 1B	3	1	2	248.8333333	ug/kg	179	ug/kg	Y	Y	0.719356999
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Total PCBs (U=1/2; max ND)	I 1B	3	2	1	371.1666667	ug/kg	190	ug/kg	Y	Y	0.511899416
ECOBI015	00ECO-015-FC1-BI01	Fiddler Crab	Shellfish	Zinc	I 1B	2	2	0	186	mg/kg	6.8	mg/kg	Y	Y	0.03655914
LBD-4-1-U	LBD-4-1-U	Fiddler Crab	Shellfish	Zinc	I 1B	1	1	0	199	mg/kg	9	mg/kg	N	Y	0.045226131

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									Sediment Samples				Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
LBD-5-1-U	LBD-5-1-U	Fiddler Crab	Shellfish	Zinc	I 1B	1	1	0	335	mg/kg	9	mg/kg	N	Y	0.026865672
LBD-5-2-U	LBD-5-2-U	Fiddler Crab	Shellfish	Zinc	I 1B	3	2	1	152.2333333	mg/kg	9.5	mg/kg	N	Y	0.062404204
LBD-6-1-U	LBD-6-1-U	Fiddler Crab	Shellfish	Zinc	I 1B	3	2	1	61.3	mg/kg	10	mg/kg	N	Y	0.163132137
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,4,6,7,8-HpCDD	I 2A	12	12	0	356.6666667	ng/kg	1.2	ng/kg	Y	Y	0.003364486
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,4,6,7,8-HpCDD	I 2A	12	12	0	356.6666667	ng/kg	1.31	ng/kg	Y	Y	0.003672897
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,4,6,7,8-HpCDF	I 2A	12	12	0	345.25	ng/kg	2.52	ng/kg	Y	Y	0.007299059
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,4,6,7,8-HpCDF	I 2A	12	12	0	345.25	ng/kg	2.61	ng/kg	Y	Y	0.007559739
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,4,7,8,9-HpCDF	I 2A	12	11	1	40.4875	ng/kg	0.1695	ng/kg	N	Y	0.004186477
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,4,7,8,9-HpCDF	I 2A	12	11	1	40.4875	ng/kg	0.1695	ng/kg	N	Y	0.004186477
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,4,7,8-HxCDD	I 2A	12	5	7	5.145833333	ng/kg	0.1015	ng/kg	N	Y	0.019724696
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,4,7,8-HxCDD	I 2A	12	5	7	5.145833333	ng/kg	0.06	ng/kg	N	Y	0.011659919
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,4,7,8-HxCDF	I 2A	12	12	0	88.65833333	ng/kg	1.88	ng/kg	Y	Y	0.021205
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,4,7,8-HxCDF	I 2A	12	12	0	88.65833333	ng/kg	1.58	ng/kg	Y	Y	0.017821224
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,6,7,8-HxCDD	I 2A	12	10	2	33.25	ng/kg	0.122	ng/kg	N	Y	0.003669173
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,6,7,8-HxCDD	I 2A	12	10	2	33.25	ng/kg	0.222	ng/kg	Y	Y	0.006676692
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,6,7,8-HxCDF	I 2A	12	10	2	31.575	ng/kg	0.77	ng/kg	Y	Y	0.024386382
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,6,7,8-HxCDF	I 2A	12	10	2	31.575	ng/kg	0.61	ng/kg	Y	Y	0.019319082
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,7,8,9-HxCDD	I 2A	12	10	2	15.2425	ng/kg	0.1025	ng/kg	N	Y	0.006724619
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,7,8,9-HxCDD	I 2A	12	10	2	15.2425	ng/kg	0.0625	ng/kg	N	Y	0.004100377
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,7,8,9-HxCDF	I 2A	12	4	8	4.730833333	ng/kg	0.1525	ng/kg	N	Y	0.032235336
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,7,8,9-HxCDF	I 2A	12	4	8	4.730833333	ng/kg	0.1435	ng/kg	N	Y	0.030332922
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,7,8-PeCDD	I 2A	12	4	8	5.121666667	ng/kg	0.214	ng/kg	Y	Y	0.041783274
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,7,8-PeCDD	I 2A	12	4	8	5.121666667	ng/kg	0.125	ng/kg	Y	Y	0.024406118
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,7,8-PeCDF	I 2A	12	10	2	25.62583333	ng/kg	2.73	ng/kg	Y	Y	0.106533121
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,7,8-PeCDF	I 2A	12	10	2	25.62583333	ng/kg	2.3	ng/kg	Y	Y	0.089753179
BIST008	MB031V0801	Shrimp	Shellfish	1,2,3,7,8-PeCDF	I 2A	12	10	2	25.62583333	ng/kg	2.73	ng/kg	Y	Y	0.106533121
BIST008	MB031V0807	Shrimp	Shellfish	1,2,3,7,8-PeCDF	I 2A	12	10	2	25.62583333	ng/kg	2.3	ng/kg	Y	Y	0.089753179
BIST008	MB031V0801	Shrimp	Shellfish	2,3,4,6,7,8-HxCDF	I 2A	12	8	4	12.75416667	ng/kg	0.168	ng/kg	N	Y	0.013172166
BIST008	MB031V0807	Shrimp	Shellfish	2,3,4,6,7,8-HxCDF	I 2A	12	8	4	12.75416667	ng/kg	0.1395	ng/kg	N	Y	0.010937602
BIST008	MB031V0801	Shrimp	Shellfish	2,3,4,7,8-PeCDF	I 2A	12	9	3	20.25416667	ng/kg	2.65	ng/kg	Y	Y	0.130837276
BIST008	MB031V0807	Shrimp	Shellfish	2,3,4,7,8-PeCDF	I 2A	12	9	3	20.25416667	ng/kg	2.29	ng/kg	Y	Y	0.113063156
BIST008	MB031V0801	Shrimp	Shellfish	2,3,7,8-TCDD	I 2A	12	5	7	1.092416667	ng/kg	0.0427	ng/kg	N	Y	0.03908765
BIST008	MB031V0807	Shrimp	Shellfish	2,3,7,8-TCDD	I 2A	12	5	7	1.092416667	ng/kg	0.04535	ng/kg	N	Y	0.041513464
BIST008	MB031V0801	Shrimp	Shellfish	2,3,7,8-TCDF	I 2A	12	12	0	40.26666667	ng/kg	5.53	ng/kg	Y	Y	0.137334437
BIST008	MB031V0807	Shrimp	Shellfish	2,3,7,8-TCDF	I 2A	12	12	0	40.26666667	ng/kg	5.15	ng/kg	Y	Y	0.127897351
BIST008	MB031V0801	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	200	ug/kg	N	Y	0.36013184
BIST008	MB031V0802	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	40	ug/kg	N	Y	0.072026368
BIST008	MB031V0803	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	200	ug/kg	N	Y	0.36013184
BIST008	MB031V0807	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0808	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0810	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0811	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0812	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0813	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	200	ug/kg	N	Y	0.36013184
BIST008	MB031V0816	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0817	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0819	Shrimp	Shellfish	2-Methylnaphthalene	I 2A	46	3	43	555.3521739	ug/kg	20	ug/kg	N	Y	0.036013184
BIST008	MB031V0801	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0802	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	50	ug/kg	N	Y	7.939308398
BIST008	MB031V0803	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	50	ug/kg	N	Y	7.939308398
BIST008	MB031V0807	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0808	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0810	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0811	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0812	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0813	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0816	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0817	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0818	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	50	ug/kg	N	Y	7.939308398
BIST008	MB031V0819	Shrimp	Shellfish	4,4'-DDD	I 2A	45	3	42	6.297777778	ug/kg	5	ug/kg	N	Y	0.79393084
BIST008	MB031V0801	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0802	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	50	ug/kg	N	Y	8.511583154
BIST008	MB031V0803	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	50	ug/kg	N	Y	8.511583154
BIST008	MB031V0807	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0808	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0810	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0811	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0812	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0813	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0816	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0817	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0818	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	50	ug/kg	N	Y	8.511583154
BIST008	MB031V0819	Shrimp	Shellfish	4,4'-DDE	I 2A	46	13	33	5.874347826	ug/kg	5	ug/kg	N	Y	0.851158315
BIST008	MB031V0801	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0802	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	50	ug/kg	N	Y	7.587253414
BIST008	MB031V0803	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	50	ug/kg	N	Y	7.587253414
BIST008	MB031V0807	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0808	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0810	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0811	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0812	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0813	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0816	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0817	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0818	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	50	ug/kg	N	Y	7.587253414
BIST008	MB031V0819	Shrimp	Shellfish	4,4'-DDT	I 2A	45	2	43	6.59	ug/kg	5	ug/kg	N	Y	0.758725341
BIST008	MB031V0801	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	200	ug/kg	N	Y	0.346340337
BIST008	MB031V0802	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	40	ug/kg	N	Y	0.069268067
BIST008	MB031V0803	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	200	ug/kg	N	Y	0.346340337
BIST008	MB031V0807	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0808	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0810	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0811	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0812	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0813	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	200	ug/kg	N	Y	0.346340337
BIST008	MB031V0816	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0817	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0819	Shrimp	Shellfish	Acenaphthene	I 2A	45	2	43	577.4666667	ug/kg	20	ug/kg	N	Y	0.034634034
BIST008	MB031V0801	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	200	ug/kg	N	Y	0.363657924
BIST008	MB031V0802	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	40	ug/kg	N	Y	0.072731585
BIST008	MB031V0803	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	200	ug/kg	N	Y	0.363657924
BIST008	MB031V0807	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792
BIST008	MB031V0808	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792
BIST008	MB031V0810	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792
BIST008	MB031V0811	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792
BIST008	MB031V0812	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792
BIST008	MB031V0813	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	200	ug/kg	N	Y	0.363657924
BIST008	MB031V0816	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792
BIST008	MB031V0817	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792
BIST008	MB031V0819	Shrimp	Shellfish	Acenaphthylene	I 2A	46	4	42	549.9673913	ug/kg	20	ug/kg	N	Y	0.036365792

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0801	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0802	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	50	ug/kg	N	Y	12.35110062
BIST008	MB031V0803	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	50	ug/kg	N	Y	12.35110062
BIST008	MB031V0807	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0808	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0810	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0811	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0812	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0813	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0816	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0817	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0818	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	50	ug/kg	N	Y	12.35110062
BIST008	MB031V0819	Shrimp	Shellfish	Aldrin	I 2A	45	5	40	4.048222222	ug/kg	5	ug/kg	N	Y	1.235110062
BIST008	MB031V0801	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0802	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	50	ug/kg	N	Y	12.20159151
BIST008	MB031V0803	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	50	ug/kg	N	Y	12.20159151
BIST008	MB031V0807	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0808	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0810	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0811	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0812	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0813	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0816	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0817	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0818	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	50	ug/kg	N	Y	12.20159151
BIST008	MB031V0819	Shrimp	Shellfish	alpha-Chlordane	I 2A	46	3	43	4.097826087	ug/kg	5	ug/kg	N	Y	1.220159151
BIST008	MB031V0801	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	200	ug/kg	N	Y	0.346573443
BIST008	MB031V0802	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	40	ug/kg	N	Y	0.069314689
BIST008	MB031V0803	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	200	ug/kg	N	Y	0.346573443
BIST008	MB031V0807	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0808	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0810	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0811	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0812	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0813	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	200	ug/kg	N	Y	0.346573443
BIST008	MB031V0816	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0817	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0819	Shrimp	Shellfish	Anthracene	I 2A	46	2	44	577.0782609	ug/kg	20	ug/kg	N	Y	0.034657344
BIST008	MB031V0801	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0802	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0803	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0807	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0808	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0810	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0811	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0812	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0813	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0816	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0817	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0818	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0819	Shrimp	Shellfish	Aroclor-1016	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0801	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0802	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	50	ug/kg	N	Y	0.510435572
BIST008	MB031V0803	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	50	ug/kg	N	Y	0.510435572

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0807	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0808	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0810	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0811	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0812	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0813	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0816	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0817	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0818	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	50	ug/kg	N	Y	0.510435572
BIST008	MB031V0819	Shrimp	Shellfish	Aroclor-1221	I 2A	45	0	45	97.95555556	ug/kg	5	ug/kg	N	Y	0.051043557
BIST008	MB031V0801	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0802	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0803	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0807	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0808	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0810	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0811	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0812	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0813	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0816	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0817	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0818	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0819	Shrimp	Shellfish	Aroclor-1232	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0801	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0802	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0803	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0807	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0808	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0810	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0811	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0812	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0813	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0816	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0817	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0818	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0819	Shrimp	Shellfish	Aroclor-1242	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0801	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0802	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0803	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0807	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0808	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0810	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0811	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0812	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0813	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0816	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0817	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0818	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	50	ug/kg	N	Y	1.022727273
BIST008	MB031V0819	Shrimp	Shellfish	Aroclor-1248	I 2A	45	0	45	48.88888889	ug/kg	5	ug/kg	N	Y	0.102272727
BIST008	MB031V0801	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	34	ug/kg	Y	Y	0.159401496
BIST008	MB031V0802	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	50	ug/kg	N	Y	0.234413965
BIST008	MB031V0803	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	82	ug/kg	Y	Y	0.384438903
BIST008	MB031V0807	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	33	ug/kg	Y	Y	0.154713217
BIST008	MB031V0808	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	5	ug/kg	N	Y	0.023441397

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0810	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	20	ug/kg	Y	Y	0.093765586
BIST008	MB031V0811	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	28	ug/kg	Y	Y	0.13127182
BIST008	MB031V0812	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	23	ug/kg	Y	Y	0.107830424
BIST008	MB031V0813	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	29	ug/kg	Y	Y	0.1359601
BIST008	MB031V0816	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	20	ug/kg	Y	Y	0.093765586
BIST008	MB031V0817	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	20	ug/kg	Y	Y	0.093765586
BIST008	MB031V0818	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	50	ug/kg	N	Y	0.234413965
BIST008	MB031V0819	Shrimp	Shellfish	Aroclor-1254	I 2A	47	37	10	213.2978723	ug/kg	38	ug/kg	Y	Y	0.178154613
BIST008	MB031V0801	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0802	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	50	ug/kg	N	Y	0.981247274
BIST008	MB031V0803	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	50	ug/kg	N	Y	0.981247274
BIST008	MB031V0807	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0808	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0810	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0811	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0812	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0813	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0816	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0817	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0818	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	50	ug/kg	N	Y	0.981247274
BIST008	MB031V0819	Shrimp	Shellfish	Aroclor-1260	I 2A	45	1	44	50.95555556	ug/kg	5	ug/kg	N	Y	0.098124727
BIST008	MB031V0801	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.42	mg/kg	Y	Y	0.124780554
BIST008	MB031V0802	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.41	mg/kg	Y	Y	0.121809588
BIST008	MB031V0803	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.26	mg/kg	Y	Y	0.077245105
BIST008	MB031V0807	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.37	mg/kg	Y	Y	0.109925726
BIST008	MB031V0803	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.26	mg/kg	Y	Y	0.077245105
BIST008	MB031V0807	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.37	mg/kg	Y	Y	0.109925726
BIST008	MB031V0808	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.185	mg/kg	N	Y	0.054962863
BIST008	MB031V0810	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.185	mg/kg	N	Y	0.054962863
BIST008	MB031V0811	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.37	mg/kg	Y	Y	0.109925726
BIST008	MB031V0812	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.4	mg/kg	Y	Y	0.118838623
BIST008	MB031V0813	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.42	mg/kg	Y	Y	0.124780554
BIST008	MB031V0816	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.35	mg/kg	Y	Y	0.103983795
BIST008	MB031V0817	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.4	mg/kg	Y	Y	0.118838623
BIST008	MB031V0818	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.38	mg/kg	Y	Y	0.112896691
BIST008	MB031V0819	Shrimp	Shellfish	Arsenic	I 2A	44	44	0	3.365909091	mg/kg	0.39	mg/kg	Y	Y	0.115867657
BIST008	MB031V0801	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	200	ug/kg	N	Y	0.339410221
BIST008	MB031V0802	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	40	ug/kg	N	Y	0.067882044
BIST008	MB031V0803	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	200	ug/kg	N	Y	0.339410221
BIST008	MB031V0807	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0808	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0810	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0811	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0812	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0813	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	200	ug/kg	N	Y	0.339410221
BIST008	MB031V0816	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0817	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0819	Shrimp	Shellfish	Benzo(a)anthracene	I 2A	47	4	43	589.2574468	ug/kg	20	ug/kg	N	Y	0.033941022
BIST008	MB031V0801	Shrimp	Shellfish	Benzo(a)pyrene	I 2A	47	4	43	577.8361702	ug/kg	200	ug/kg	N	Y	0.346118866
BIST008	MB031V0811	Shrimp	Shellfish	Benzo(a)pyrene	I 2A	47	4	43	577.8361702	ug/kg	200	ug/kg	N	Y	0.346118866
BIST008	MB031V0812	Shrimp	Shellfish	Benzo(a)pyrene	I 2A	47	4	43	577.8361702	ug/kg	2000	ug/kg	N	Y	3.461188661
BIST008	MB031V0813	Shrimp	Shellfish	Benzo(a)pyrene	I 2A	47	4	43	577.8361702	ug/kg	200	ug/kg	N	Y	0.346118866
BIST008	MB031V0816	Shrimp	Shellfish	Benzo(a)pyrene	I 2A	47	4	43	577.8361702	ug/kg	20	ug/kg	N	Y	0.034611887
BIST008	MB031V0801	Shrimp	Shellfish	Benzo(b)fluoranthene	I 2A	47	4	43	595.4042553	ug/kg	200	ug/kg	N	Y	0.335906232
BIST008	MB031V0811	Shrimp	Shellfish	Benzo(b)fluoranthene	I 2A	47	4	43	595.4042553	ug/kg	200	ug/kg	N	Y	0.335906232
BIST008	MB031V0812	Shrimp	Shellfish	Benzo(b)fluoranthene	I 2A	47	4	43	595.4042553	ug/kg	2000	ug/kg	N	Y	3.359062321

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0813	Shrimp	Shellfish	Benzo(b)fluoranthene	I 2A	47	4	43	595.4042553	ug/kg	200	ug/kg	N	Y	0.335906232
BIST008	MB031V0816	Shrimp	Shellfish	Benzo(b)fluoranthene	I 2A	47	4	43	595.4042553	ug/kg	20	ug/kg	N	Y	0.033590623
BIST008	MB031V0801	Shrimp	Shellfish	Benzo(g,h,i)perylene	I 2A	47	3	44	584.7404255	ug/kg	200	ug/kg	N	Y	0.342032107
BIST008	MB031V0811	Shrimp	Shellfish	Benzo(g,h,i)perylene	I 2A	47	3	44	584.7404255	ug/kg	200	ug/kg	N	Y	0.342032107
BIST008	MB031V0812	Shrimp	Shellfish	Benzo(g,h,i)perylene	I 2A	47	3	44	584.7404255	ug/kg	2000	ug/kg	N	Y	3.420321074
BIST008	MB031V0813	Shrimp	Shellfish	Benzo(g,h,i)perylene	I 2A	47	3	44	584.7404255	ug/kg	200	ug/kg	N	Y	0.342032107
BIST008	MB031V0816	Shrimp	Shellfish	Benzo(g,h,i)perylene	I 2A	47	3	44	584.7404255	ug/kg	20	ug/kg	N	Y	0.034203211
BIST008	MB031V0801	Shrimp	Shellfish	Benzo(k)fluoranthene	I 2A	47	4	43	561.6340426	ug/kg	200	ug/kg	N	Y	0.35610377
BIST008	MB031V0811	Shrimp	Shellfish	Benzo(k)fluoranthene	I 2A	47	4	43	561.6340426	ug/kg	200	ug/kg	N	Y	0.35610377
BIST008	MB031V0812	Shrimp	Shellfish	Benzo(k)fluoranthene	I 2A	47	4	43	561.6340426	ug/kg	2000	ug/kg	N	Y	3.561037702
BIST008	MB031V0813	Shrimp	Shellfish	Benzo(k)fluoranthene	I 2A	47	4	43	561.6340426	ug/kg	200	ug/kg	N	Y	0.35610377
BIST008	MB031V0816	Shrimp	Shellfish	Benzo(k)fluoranthene	I 2A	47	4	43	561.6340426	ug/kg	20	ug/kg	N	Y	0.035610377
BIST008	MB031V0801	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0802	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	50	ug/kg	N	Y	7.355344884
BIST008	MB031V0803	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	50	ug/kg	N	Y	7.355344884
BIST008	MB031V0807	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0808	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0810	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0811	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0812	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0813	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0816	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0817	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0818	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	50	ug/kg	N	Y	7.355344884
BIST008	MB031V0819	Shrimp	Shellfish	beta-BHC	I 2A	45	11	34	6.797777778	ug/kg	5	ug/kg	N	Y	0.735534488
BIST008	MB031V0801	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0802	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0803	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0807	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0808	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0810	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0811	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0812	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0813	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0818	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0819	Shrimp	Shellfish	Cadmium	I 2A	47	5	42	0.404148936	mg/kg	0.005	mg/kg	N	Y	0.012371677
BIST008	MB031V0801	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.78	mg/kg	Y	Y	0.004418126
BIST008	MB031V0802	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.61	mg/kg	Y	Y	0.003455201
BIST008	MB031V0803	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.41	mg/kg	Y	Y	0.002322348
BIST008	MB031V0807	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.74	mg/kg	Y	Y	0.004191555
BIST008	MB031V0808	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	1.2	mg/kg	Y	Y	0.006797116
BIST008	MB031V0810	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.77	mg/kg	Y	Y	0.004361483
BIST008	MB031V0811	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.97	mg/kg	Y	Y	0.005494336
BIST008	MB031V0812	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.81	mg/kg	Y	Y	0.004588054
BIST008	MB031V0813	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.81	mg/kg	Y	Y	0.004588054
BIST008	MB031V0816	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	1.4	mg/kg	Y	Y	0.007929969
BIST008	MB031V0817	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	1.1	mg/kg	Y	Y	0.00623069
BIST008	MB031V0818	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.52	mg/kg	Y	Y	0.002945417
BIST008	MB031V0819	Shrimp	Shellfish	Chromium	I 2A	44	44	0	176.5454545	mg/kg	0.91	mg/kg	Y	Y	0.00515448
BIST008	MB031V0801	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	200	ug/kg	N	Y	0.336677424
BIST008	MB031V0802	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	40	ug/kg	N	Y	0.067335485
BIST008	MB031V0803	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	200	ug/kg	N	Y	0.336677424
BIST008	MB031V0807	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742
BIST008	MB031V0808	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0810	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742
BIST008	MB031V0811	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742
BIST008	MB031V0812	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742
BIST008	MB031V0813	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	200	ug/kg	N	Y	0.336677424
BIST008	MB031V0816	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742
BIST008	MB031V0817	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742
BIST008	MB031V0819	Shrimp	Shellfish	Chrysene	I 2A	47	5	42	594.0404255	ug/kg	20	ug/kg	N	Y	0.033667742
BIST008	MB031V0801	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	17.5	mg/kg	Y	Y	0.244315397
BIST008	MB031V0802	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	15	mg/kg	Y	Y	0.209413197
BIST008	MB031V0803	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	11.2	mg/kg	Y	Y	0.156361854
BIST008	MB031V0807	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	16.8	mg/kg	Y	Y	0.234542781
BIST008	MB031V0808	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	15.8	mg/kg	Y	Y	0.220581901
BIST008	MB031V0810	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	14.1	mg/kg	Y	Y	0.196848406
BIST008	MB031V0811	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	16	mg/kg	Y	Y	0.223374077
BIST008	MB031V0812	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	18	mg/kg	Y	Y	0.251295837
BIST008	MB031V0813	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	18.1	mg/kg	Y	Y	0.252691925
BIST008	MB031V0816	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	24.2	mg/kg	Y	Y	0.337853292
BIST008	MB031V0817	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	19.6	mg/kg	Y	Y	0.273633245
BIST008	MB031V0818	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	15.8	mg/kg	Y	Y	0.220581901
BIST008	MB031V0819	Shrimp	Shellfish	Copper	I 2A	47	46	1	71.6287234	mg/kg	16.2	mg/kg	Y	Y	0.226166253
BIST008	MB031V0801	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0802	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	50	ug/kg	N	Y	12.22493888
BIST008	MB031V0803	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	50	ug/kg	N	Y	12.22493888
BIST008	MB031V0807	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0808	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0810	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0811	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0812	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0813	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0816	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0817	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0818	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	50	ug/kg	N	Y	12.22493888
BIST008	MB031V0819	Shrimp	Shellfish	delta-BHC	I 2A	45	3	42	4.09	ug/kg	5	ug/kg	N	Y	1.222493888
BIST008	MB031V0801	Shrimp	Shellfish	Dibenzo(a,h)anthracene	I 2A	47	3	44	556.0531915	ug/kg	200	ug/kg	N	Y	0.359677821
BIST008	MB031V0811	Shrimp	Shellfish	Dibenzo(a,h)anthracene	I 2A	47	3	44	556.0531915	ug/kg	200	ug/kg	N	Y	0.359677821
BIST008	MB031V0812	Shrimp	Shellfish	Dibenzo(a,h)anthracene	I 2A	47	3	44	556.0531915	ug/kg	2000	ug/kg	N	Y	3.596778205
BIST008	MB031V0813	Shrimp	Shellfish	Dibenzo(a,h)anthracene	I 2A	47	3	44	556.0531915	ug/kg	200	ug/kg	N	Y	0.359677821
BIST008	MB031V0816	Shrimp	Shellfish	Dibenzo(a,h)anthracene	I 2A	47	3	44	556.0531915	ug/kg	20	ug/kg	N	Y	0.035967782
BIST008	MB031V0801	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0802	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0803	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0807	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0808	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0810	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0811	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0812	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0813	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0816	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0817	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0818	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0819	Shrimp	Shellfish	Endosulfan I	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0801	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0802	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	50	ug/kg	N	Y	7.961783439
BIST008	MB031V0803	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	50	ug/kg	N	Y	7.961783439

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0807	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0808	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0810	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0811	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0812	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0813	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0816	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0817	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0818	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	50	ug/kg	N	Y	7.961783439
BIST008	MB031V0819	Shrimp	Shellfish	Endosulfan II	I 2A	45	3	42	6.28	ug/kg	5	ug/kg	N	Y	0.796178344
BIST008	MB031V0801	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0802	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	50	ug/kg	N	Y	7.951934971
BIST008	MB031V0803	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	50	ug/kg	N	Y	7.951934971
BIST008	MB031V0807	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0808	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0810	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0811	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0812	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0813	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0816	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0817	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0818	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	50	ug/kg	N	Y	7.951934971
BIST008	MB031V0819	Shrimp	Shellfish	Endrin	I 2A	45	3	42	6.287777778	ug/kg	5	ug/kg	N	Y	0.795193497
BIST008	MB031V0801	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	200	ug/kg	N	Y	0.312022837
BIST008	MB031V0802	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	40	ug/kg	N	Y	0.062404567
BIST008	MB031V0803	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	200	ug/kg	N	Y	0.312022837
BIST008	MB031V0807	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0808	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0810	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0811	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0812	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0813	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	200	ug/kg	N	Y	0.312022837
BIST008	MB031V0816	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0817	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0819	Shrimp	Shellfish	Fluoranthene	I 2A	47	6	41	640.9787234	ug/kg	20	ug/kg	N	Y	0.031202284
BIST008	MB031V0801	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	200	ug/kg	N	Y	0.34529062
BIST008	MB031V0802	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	40	ug/kg	N	Y	0.069058124
BIST008	MB031V0803	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	200	ug/kg	N	Y	0.34529062
BIST008	MB031V0807	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0808	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0810	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0811	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0812	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0813	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	200	ug/kg	N	Y	0.34529062
BIST008	MB031V0816	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0817	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0819	Shrimp	Shellfish	Fluorene	I 2A	45	1	44	579.2222222	ug/kg	20	ug/kg	N	Y	0.034529062
BIST008	MB031V0801	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0802	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0803	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0807	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0808	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0810	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0811	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342

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							Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0812	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0813	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0816	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0817	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0818	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0819	Shrimp	Shellfish	gamma-BHC (Lindane)	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0801	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0802	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	50	ug/kg	N	Y	11.36822959
BIST008	MB031V0803	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	50	ug/kg	N	Y	11.36822959
BIST008	MB031V0807	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0808	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0810	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0811	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0812	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0813	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0816	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0817	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0818	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	50	ug/kg	N	Y	11.36822959
BIST008	MB031V0819	Shrimp	Shellfish	gamma-Chlordane	I 2A	45	6	39	4.398222222	ug/kg	5	ug/kg	N	Y	1.136822959
BIST008	MB031V0801	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0802	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0803	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0807	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0808	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0810	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0808	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0810	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0811	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0812	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0813	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0816	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0817	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0818	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	50	ug/kg	N	Y	12.00640342
BIST008	MB031V0819	Shrimp	Shellfish	Heptachlor	I 2A	45	0	45	4.164444444	ug/kg	5	ug/kg	N	Y	1.200640342
BIST008	MB031V0801	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0802	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	50	ug/kg	N	Y	11.95219124
BIST008	MB031V0803	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	50	ug/kg	N	Y	11.95219124
BIST008	MB031V0807	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0808	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0810	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0811	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0812	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0813	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0816	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0817	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0818	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	50	ug/kg	N	Y	11.95219124
BIST008	MB031V0819	Shrimp	Shellfish	Heptachlor Epoxide	I 2A	45	1	44	4.183333333	ug/kg	5	ug/kg	N	Y	1.195219124
BIST008	MB031V0801	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0802	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	40	ug/kg	N	Y	0.072405161
BIST008	MB031V0803	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0807	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0808	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0810	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0811	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0812	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0813	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0816	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0817	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0819	Shrimp	Shellfish	Hexachloro-1,3-butadiene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0801	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0802	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	40	ug/kg	N	Y	0.072405161
BIST008	MB031V0803	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0807	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0808	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0810	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0811	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0812	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0813	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0816	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0817	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0819	Shrimp	Shellfish	Hexachlorobenzene	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0801	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0802	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	40	ug/kg	N	Y	0.072405161
BIST008	MB031V0803	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0807	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0808	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0810	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0811	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0812	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0813	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	200	ug/kg	N	Y	0.362025804
BIST008	MB031V0816	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0817	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0819	Shrimp	Shellfish	Hexachloroethane	I 2A	47	0	47	552.4468085	ug/kg	20	ug/kg	N	Y	0.03620258
BIST008	MB031V0801	Shrimp	Shellfish	Indeno(1,2,3-cd)pyrene	I 2A	47	4	43	558.5	ug/kg	200	ug/kg	N	Y	0.358102059
BIST008	MB031V0811	Shrimp	Shellfish	Indeno(1,2,3-cd)pyrene	I 2A	47	4	43	558.5	ug/kg	200	ug/kg	N	Y	0.358102059
BIST008	MB031V0812	Shrimp	Shellfish	Indeno(1,2,3-cd)pyrene	I 2A	47	4	43	558.5	ug/kg	2000	ug/kg	N	Y	3.581020591
BIST008	MB031V0813	Shrimp	Shellfish	Indeno(1,2,3-cd)pyrene	I 2A	47	4	43	558.5	ug/kg	200	ug/kg	N	Y	0.358102059
BIST008	MB031V0816	Shrimp	Shellfish	Indeno(1,2,3-cd)pyrene	I 2A	47	4	43	558.5	ug/kg	20	ug/kg	N	Y	0.035810206
BIST008	MB031V0801	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.14	mg/kg	Y	Y	0.003501024
BIST008	MB031V0802	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.13	mg/kg	Y	Y	0.003250951
BIST008	MB031V0803	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.18	mg/kg	Y	Y	0.004501317
BIST008	MB031V0807	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.12	mg/kg	Y	Y	0.003000878
BIST008	MB031V0808	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.14	mg/kg	Y	Y	0.003501024
BIST008	MB031V0810	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.14	mg/kg	Y	Y	0.003501024
BIST008	MB031V0811	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.16	mg/kg	Y	Y	0.004001171
BIST008	MB031V0812	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.19	mg/kg	Y	Y	0.00475139
BIST008	MB031V0813	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.17	mg/kg	Y	Y	0.004251244
BIST008	MB031V0816	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.18	mg/kg	Y	Y	0.004501317
BIST008	MB031V0817	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.27	mg/kg	Y	Y	0.006751975
BIST008	MB031V0818	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.14	mg/kg	Y	Y	0.003501024
BIST008	MB031V0819	Shrimp	Shellfish	Lead	I 2A	47	43	4	39.98829787	mg/kg	0.15	mg/kg	Y	Y	0.003751097
BIST008	MB031V0801	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.036	mg/kg	Y	Y	0.042404952
BIST008	MB031V0802	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.035	mg/kg	Y	Y	0.041227037
BIST008	MB031V0803	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.034	mg/kg	Y	Y	0.040049122
BIST008	MB031V0807	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.036	mg/kg	Y	Y	0.042404952
BIST008	MB031V0808	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.034	mg/kg	Y	Y	0.040049122
BIST008	MB031V0810	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.029	mg/kg	Y	Y	0.034159545
BIST008	MB031V0811	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.032	mg/kg	Y	Y	0.037693291
BIST008	MB031V0812	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.036	mg/kg	Y	Y	0.042404952
BIST008	MB031V0813	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.038	mg/kg	Y	Y	0.044760783

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							Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0816	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.049	mg/kg	Y	Y	0.057717852
BIST008	MB031V0817	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.035	mg/kg	Y	Y	0.041227037
BIST008	MB031V0818	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.034	mg/kg	Y	Y	0.040049122
BIST008	MB031V0819	Shrimp	Shellfish	Mercury	I 2A	47	45	2	0.848957447	mg/kg	0.031	mg/kg	Y	Y	0.036515376
BIST008	MB031V0801	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0802	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	165	ug/kg	N	Y	6.354300385
BIST008	MB031V0803	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	165	ug/kg	N	Y	6.354300385
BIST008	MB031V0807	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0808	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0810	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0811	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0812	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0813	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0816	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0817	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0818	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	165	ug/kg	N	Y	6.354300385
BIST008	MB031V0819	Shrimp	Shellfish	Methoxychlor	I 2A	45	2	43	25.96666667	ug/kg	5	ug/kg	N	Y	0.192554557
BIST008	MB031V0801	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.44	mg/kg	Y	Y	0.025817728
BIST008	MB031V0802	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.33	mg/kg	Y	Y	0.019363296
BIST008	MB031V0803	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.145	mg/kg	N	Y	0.008508115
BIST008	MB031V0807	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.34	mg/kg	Y	Y	0.019950062
BIST008	MB031V0808	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.155	mg/kg	N	Y	0.009094881
BIST008	MB031V0810	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.36	mg/kg	Y	Y	0.021123596
BIST008	MB031V0811	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.15	mg/kg	N	Y	0.008801498
BIST008	MB031V0812	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.37	mg/kg	Y	Y	0.021710362
BIST008	MB031V0813	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.4	mg/kg	Y	Y	0.023470662
BIST008	MB031V0816	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.35	mg/kg	Y	Y	0.020536829
BIST008	MB031V0817	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.47	mg/kg	Y	Y	0.027578027
BIST008	MB031V0818	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.13	mg/kg	N	Y	0.007627965
BIST008	MB031V0819	Shrimp	Shellfish	Nickel	I 2A	47	46	1	17.04255319	mg/kg	0.32	mg/kg	Y	Y	0.018776529
BIST008	MB031V0801	Shrimp	Shellfish	OCDD	I 2A	12	12	0	4556.666667	ng/kg	20	ng/kg	Y	Y	0.004389173
BIST008	MB031V0807	Shrimp	Shellfish	OCDD	I 2A	12	12	0	4556.666667	ng/kg	21.3	ng/kg	Y	Y	0.00467447
BIST008	MB031V0801	Shrimp	Shellfish	OCDF	I 2A	12	12	0	1157.5	ng/kg	6.95	ng/kg	Y	Y	0.00600432
BIST008	MB031V0807	Shrimp	Shellfish	OCDF	I 2A	12	12	0	1157.5	ng/kg	8.46	ng/kg	Y	Y	0.007308855
BIST008	MB031V0801	Shrimp	Shellfish	PCB-105	I 2A	3	3	0	14960	ng/kg	1870	ng/kg	Y	Y	0.125
BIST008	MB031V0807	Shrimp	Shellfish	PCB-105	I 2A	3	3	0	14960	ng/kg	2190	ng/kg	Y	Y	0.146390374
BIST008	MB031V0801	Shrimp	Shellfish	PCB-114	I 2A	3	3	0	719.3333333	ng/kg	89.4	ng/kg	Y	Y	0.124281742
BIST008	MB031V0807	Shrimp	Shellfish	PCB-114	I 2A	3	3	0	719.3333333	ng/kg	107	ng/kg	Y	Y	0.148748842
BIST008	MB031V0801	Shrimp	Shellfish	PCB-118	I 2A	3	3	0	46400	ng/kg	7970	ng/kg	Y	Y	0.171767241
BIST008	MB031V0807	Shrimp	Shellfish	PCB-118	I 2A	3	3	0	46400	ng/kg	9710	ng/kg	Y	Y	0.209267241
BIST008	MB031V0801	Shrimp	Shellfish	PCB-126	I 2A	3	3	0	450.3333333	ng/kg	51.9	ng/kg	Y	Y	0.115247964
BIST008	MB031V0807	Shrimp	Shellfish	PCB-126	I 2A	3	3	0	450.3333333	ng/kg	64.7	ng/kg	Y	Y	0.143671355
BIST008	MB031V0801	Shrimp	Shellfish	PCB-156	I 2A	3	3	0	5080	ng/kg	702	ng/kg	Y	Y	0.138188976
BIST008	MB031V0807	Shrimp	Shellfish	PCB-156	I 2A	3	3	0	5080	ng/kg	895	ng/kg	Y	Y	0.176181102
BIST008	MB031V0801	Shrimp	Shellfish	PCB-157	I 2A	3	3	0	1343.666667	ng/kg	186	ng/kg	Y	Y	0.138427189
BIST008	MB031V0807	Shrimp	Shellfish	PCB-157	I 2A	3	3	0	1343.666667	ng/kg	246	ng/kg	Y	Y	0.183081121
BIST008	MB031V0801	Shrimp	Shellfish	PCB-167	I 2A	3	3	0	2613.333333	ng/kg	426	ng/kg	Y	Y	0.163010204
BIST008	MB031V0807	Shrimp	Shellfish	PCB-167	I 2A	3	3	0	2613.333333	ng/kg	503	ng/kg	Y	Y	0.19247449
BIST008	MB031V0801	Shrimp	Shellfish	PCB-169	I 2A	3	2	1	23.21166667	ng/kg	15.3	ng/kg	N	Y	0.659151289
BIST008	MB031V0807	Shrimp	Shellfish	PCB-169	I 2A	3	2	1	23.21166667	ng/kg	15.25	ng/kg	N	Y	0.6569972
BIST008	MB031V0801	Shrimp	Shellfish	PCB-189	I 2A	3	3	0	457	ng/kg	59.1	ng/kg	Y	Y	0.129321663
BIST008	MB031V0807	Shrimp	Shellfish	PCB-189	I 2A	3	3	0	457	ng/kg	63.6	ng/kg	Y	Y	0.13916849
BIST008	MB031V0801	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	500	ug/kg	N	Y	0.360540043
BIST008	MB031V0802	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	100	ug/kg	N	Y	0.072108009

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0803	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	500	ug/kg	N	Y	0.360540043
BIST008	MB031V0807	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0808	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0810	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0811	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0812	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0813	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	100	ug/kg	N	Y	0.072108009
BIST008	MB031V0817	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0818	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0819	Shrimp	Shellfish	Pentachlorophenol	I 2A	47	0	47	1386.808511	ug/kg	50	ug/kg	N	Y	0.036054004
BIST008	MB031V0801	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	200	ug/kg	N	Y	0.33123084
BIST008	MB031V0802	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	40	ug/kg	N	Y	0.066246168
BIST008	MB031V0803	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	200	ug/kg	N	Y	0.33123084
BIST008	MB031V0807	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0808	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0810	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0811	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0812	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0813	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	200	ug/kg	N	Y	0.33123084
BIST008	MB031V0816	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0817	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0819	Shrimp	Shellfish	Phenanthrene	I 2A	47	3	44	603.8085106	ug/kg	20	ug/kg	N	Y	0.033123084
BIST008	MB031V0801	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	200	ug/kg	N	Y	0.350327967
BIST008	MB031V0802	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	40	ug/kg	N	Y	0.070065593
BIST008	MB031V0803	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	200	ug/kg	N	Y	0.350327967
BIST008	MB031V0807	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0808	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0810	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0811	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0812	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0813	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	200	ug/kg	N	Y	0.350327967
BIST008	MB031V0816	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0817	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0819	Shrimp	Shellfish	Pyrene	I 2A	47	12	35	570.893617	ug/kg	20	ug/kg	N	Y	0.035032797
BIST008	MB031V0801	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.55	mg/kg	Y	Y	0.605757196
BIST008	MB031V0802	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.53	mg/kg	Y	Y	0.583729662
BIST008	MB031V0803	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.35	mg/kg	Y	Y	0.385481852
BIST008	MB031V0807	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.43	mg/kg	Y	Y	0.47359199
BIST008	MB031V0808	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.46	mg/kg	Y	Y	0.506633292
BIST008	MB031V0810	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.4	mg/kg	Y	Y	0.440550688
BIST008	MB031V0811	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.45	mg/kg	Y	Y	0.495619524
BIST008	MB031V0812	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.45	mg/kg	Y	Y	0.495619524
BIST008	MB031V0813	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.52	mg/kg	Y	Y	0.572715895
BIST008	MB031V0816	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.47	mg/kg	Y	Y	0.517647059
BIST008	MB031V0817	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.45	mg/kg	Y	Y	0.495619524
BIST008	MB031V0818	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.45	mg/kg	Y	Y	0.495619524
BIST008	MB031V0819	Shrimp	Shellfish	Selenium	I 2A	44	5	39	0.907954545	mg/kg	0.43	mg/kg	Y	Y	0.47359199
BIST008	MB031V0801	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0802	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	100	ug/kg	N	Y	11.74158307
BIST008	MB031V0803	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	100	ug/kg	N	Y	11.74158307
BIST008	MB031V0807	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0808	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0810	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0811	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0812	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0813	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0816	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0817	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0818	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	100	ug/kg	N	Y	11.74158307
BIST008	MB031V0819	Shrimp	Shellfish	Total Chlordane (U=1/2; max ND)	I 2A	46	9	37	8.51673913	ug/kg	10	ug/kg	N	Y	1.174158307
BIST008	MB031V0801	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0802	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	100	ug/kg	N	Y	7.179423149
BIST008	MB031V0803	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	100	ug/kg	N	Y	7.179423149
BIST008	MB031V0807	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0808	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0810	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0811	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0812	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0813	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0816	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0817	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0818	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	100	ug/kg	N	Y	7.179423149
BIST008	MB031V0819	Shrimp	Shellfish	Total DDT (U=1/2; max ND)	I 2A	46	15	31	13.92869565	ug/kg	10	ug/kg	N	Y	0.717942315
BIST008	MB031V0801	Shrimp	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 2A	12	12	0	45.35973333	ng/kg	2.06323	ng/kg	Y	Y	0.045485938
BIST008	MB031V0807	Shrimp	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 2A	12	12	0	45.35973333	ng/kg	1.772923	ng/kg	Y	Y	0.039085834
BIST008	MB031V0801	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	400	ug/kg	N	Y	0.188605613
BIST008	MB031V0802	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	80	ug/kg	N	Y	0.037721123
BIST008	MB031V0803	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	400	ug/kg	N	Y	0.188605613
BIST008	MB031V0807	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	40	ug/kg	N	Y	0.018860561
BIST008	MB031V0803	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	400	ug/kg	N	Y	0.188605613
BIST008	MB031V0807	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	40	ug/kg	N	Y	0.018860561
BIST008	MB031V0808	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	40	ug/kg	N	Y	0.018860561
BIST008	MB031V0810	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	40	ug/kg	N	Y	0.018860561
BIST008	MB031V0811	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	400	ug/kg	N	Y	0.188605613
BIST008	MB031V0812	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	4000	ug/kg	N	Y	1.886056126
BIST008	MB031V0813	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	400	ug/kg	N	Y	0.188605613
BIST008	MB031V0816	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	40	ug/kg	N	Y	0.018860561
BIST008	MB031V0817	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	40	ug/kg	N	Y	0.018860561
BIST008	MB031V0819	Shrimp	Shellfish	Total HPAH (U=1/2; max ND)	I 2A	47	12	35	2120.82766	ug/kg	40	ug/kg	N	Y	0.018860561
BIST008	MB031V0801	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	400	ug/kg	N	Y	0.311113538
BIST008	MB031V0802	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	80	ug/kg	N	Y	0.062222708
BIST008	MB031V0803	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	400	ug/kg	N	Y	0.311113538
BIST008	MB031V0807	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0808	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0810	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0811	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0812	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0813	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	400	ug/kg	N	Y	0.311113538
BIST008	MB031V0816	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0817	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0819	Shrimp	Shellfish	Total LPAH (U=1/2; max ND)	I 2A	47	6	41	1285.704255	ug/kg	40	ug/kg	N	Y	0.031111354
BIST008	MB031V0801	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	400	ug/kg	N	Y	0.140228393
BIST008	MB031V0802	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	80	ug/kg	N	Y	0.028045679
BIST008	MB031V0803	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	400	ug/kg	N	Y	0.140228393
BIST008	MB031V0807	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	40	ug/kg	N	Y	0.014022839
BIST008	MB031V0808	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	40	ug/kg	N	Y	0.014022839
BIST008	MB031V0810	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	40	ug/kg	N	Y	0.014022839
BIST008	MB031V0811	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	400	ug/kg	N	Y	0.140228393
BIST008	MB031V0812	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	4000	ug/kg	N	Y	1.402283933
BIST008	MB031V0813	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	400	ug/kg	N	Y	0.140228393

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								Sediment Samples				Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BIST008	MB031V0816	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	40	ug/kg	N	Y	0.014022839
BIST008	MB031V0817	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	40	ug/kg	N	Y	0.014022839
BIST008	MB031V0819	Shrimp	Shellfish	Total PAH (U=1/2; max ND)	I 2A	47	12	35	2852.489362	ug/kg	40	ug/kg	N	Y	0.014022839
BIST008	MB031V0801	Shrimp	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 2A	3	3	0	132099	ng/kg	18.5	ug/kg	Y	Y	0.000140046
BIST008	MB031V0807	Shrimp	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 2A	3	3	0	132099	ng/kg	22	ug/kg	Y	Y	0.000166542
BIST008	MB031V0801	Shrimp	Shellfish	Total PCB Congs (U=1/2; max ND)	I 2A	3	3	0	132104.895	ng/kg	18507.3	ng/kg	Y	Y	0.14009549
BIST008	MB031V0807	Shrimp	Shellfish	Total PCB Congs (U=1/2; max ND)	I 2A	3	3	0	132104.895	ng/kg	22086.05	ng/kg	Y	Y	0.167185705
BIST008	MB031V0801	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	34	ug/kg	Y	Y	0.150110375
BIST008	MB031V0802	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	50	ug/kg	N	Y	0.220750552
BIST008	MB031V0803	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	82	ug/kg	Y	Y	0.362030905
BIST008	MB031V0807	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	33	ug/kg	Y	Y	0.145695364
BIST008	MB031V0808	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	5	ug/kg	N	Y	0.022075055
BIST008	MB031V0810	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	20	ug/kg	Y	Y	0.088300221
BIST008	MB031V0811	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	28	ug/kg	Y	Y	0.123620309
BIST008	MB031V0812	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	23	ug/kg	Y	Y	0.101545254
BIST008	MB031V0813	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	29	ug/kg	Y	Y	0.12803532
BIST008	MB031V0816	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	20	ug/kg	Y	Y	0.088300221
BIST008	MB031V0817	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	20	ug/kg	Y	Y	0.088300221
BIST008	MB031V0818	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	50	ug/kg	N	Y	0.220750552
BIST008	MB031V0819	Shrimp	Shellfish	Total PCBs (U=0, max RL)	I 2A	47	37	10	226.5	ug/kg	38	ug/kg	Y	Y	0.167770419
BIST008	MB031V0801	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	64	ug/kg	Y	Y	0.127828655
BIST008	MB031V0802	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	100	ug/kg	N	Y	0.199732274
BIST008	MB031V0803	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	382	ug/kg	Y	Y	0.762977286
BIST008	MB031V0807	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	63	ug/kg	Y	Y	0.125831332
BIST008	MB031V0808	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	10	ug/kg	N	Y	0.019973227
BIST008	MB031V0810	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	50	ug/kg	Y	Y	0.099866137
BIST008	MB031V0811	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	58	ug/kg	Y	Y	0.115844719
BIST008	MB031V0812	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	53	ug/kg	Y	Y	0.105858105
BIST008	MB031V0813	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	59	ug/kg	Y	Y	0.117842042
BIST008	MB031V0816	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	50	ug/kg	Y	Y	0.099866137
BIST008	MB031V0817	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	50	ug/kg	Y	Y	0.099866137
BIST008	MB031V0818	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	100	ug/kg	N	Y	0.199732274
BIST008	MB031V0819	Shrimp	Shellfish	Total PCBs (U=1/2; max ND)	I 2A	47	37	10	500.6702128	ug/kg	68	ug/kg	Y	Y	0.135817946
BIST008	MB031V0801	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	14.8	mg/kg	Y	Y	0.066743748
BIST008	MB031V0802	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	13.9	mg/kg	Y	Y	0.062685006
BIST008	MB031V0803	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	10	mg/kg	Y	Y	0.045097127
BIST008	MB031V0807	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	12	mg/kg	Y	Y	0.054116552
BIST008	MB031V0808	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	10.7	mg/kg	Y	Y	0.048253926
BIST008	MB031V0810	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	11.1	mg/kg	Y	Y	0.050057811
BIST008	MB031V0811	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	11.5	mg/kg	Y	Y	0.051861696
BIST008	MB031V0812	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	11.9	mg/kg	Y	Y	0.053665581
BIST008	MB031V0813	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	12.3	mg/kg	Y	Y	0.055469466
BIST008	MB031V0816	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	10.9	mg/kg	Y	Y	0.049155868
BIST008	MB031V0817	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	14.7	mg/kg	Y	Y	0.066292776
BIST008	MB031V0818	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	10.6	mg/kg	Y	Y	0.047802954
BIST008	MB031V0819	Shrimp	Shellfish	Zinc	I 2A	47	35	12	221.743617	mg/kg	11.3	mg/kg	Y	Y	0.050959753
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,4,6,7,8-HpCDD	I 2B	22	22	0	239.6045455	ng/kg	0.763	ng/kg	Y	Y	0.003184414
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,4,6,7,8-HpCDD	I 2B	22	22	0	239.6045455	ng/kg	1.01	ng/kg	Y	Y	0.004215279
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,4,6,7,8-HpCDD	I 2B	26	26	0	252.6576923	ng/kg	0.4125	ng/kg	N	Y	0.001632644
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,4,6,7,8-HpCDF	I 2B	22	21	1	2719.19	ng/kg	2.54	ng/kg	Y	Y	0.000934102
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,4,6,7,8-HpCDF	I 2B	22	21	1	2719.19	ng/kg	5.48	ng/kg	Y	Y	0.002015306
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,4,6,7,8-HpCDF	I 2B	26	25	1	3035.122308	ng/kg	3.77	ng/kg	Y	Y	0.001242125
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,4,7,8,9-HpCDF	I 2B	22	22	0	577.5322727	ng/kg	0.1845	ng/kg	N	Y	0.000319463
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,4,7,8,9-HpCDF	I 2B	22	22	0	577.5322727	ng/kg	0.184	ng/kg	N	Y	0.000318597

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,4,7,8,9-HpCDF	I 2B	26	26	0	652.0811538	ng/kg	0.2625	ng/kg	N	Y	0.000402557
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,4,7,8-HxCDD	I 2B	22	17	5	12.28045455	ng/kg	0.3655	ng/kg	N	Y	0.029762742
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,4,7,8-HxCDD	I 2B	22	17	5	12.28045455	ng/kg	0.397	ng/kg	N	Y	0.032327794
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,4,7,8-HxCDD	I 2B	26	20	6	13	ng/kg	0.226	ng/kg	N	Y	0.017384615
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,4,7,8-HxCDF	I 2B	22	20	2	878.5693182	ng/kg	12.7	ng/kg	Y	Y	0.014455319
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,4,7,8-HxCDF	I 2B	22	20	2	878.5693182	ng/kg	14	ng/kg	Y	Y	0.015934998
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,4,7,8-HxCDF	I 2B	26	24	2	999.9432692	ng/kg	10.9	ng/kg	Y	Y	0.010900618
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,6,7,8-HxCDD	I 2B	22	18	4	14.62818182	ng/kg	0.402	ng/kg	N	Y	0.027481201
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,6,7,8-HxCDD	I 2B	22	18	4	14.62818182	ng/kg	0.4115	ng/kg	N	Y	0.028130632
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,6,7,8-HxCDD	I 2B	26	22	4	16.27653846	ng/kg	0.2605	ng/kg	N	Y	0.016004631
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,6,7,8-HxCDF	I 2B	22	19	3	287.1261364	ng/kg	3.56	ng/kg	Y	Y	0.012398732
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,6,7,8-HxCDF	I 2B	22	19	3	287.1261364	ng/kg	3.92	ng/kg	Y	Y	0.013652536
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,6,7,8-HxCDF	I 2B	26	23	3	323.3182692	ng/kg	3.53	ng/kg	Y	Y	0.010918034
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,7,8,9-HxCDD	I 2B	22	17	5	10.45888636	ng/kg	0.366	ng/kg	N	Y	0.034994165
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,7,8,9-HxCDD	I 2B	22	17	5	10.45888636	ng/kg	0.3845	ng/kg	N	Y	0.036762996
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,7,8,9-HxCDD	I 2B	26	21	5	11.27521154	ng/kg	0.2325	ng/kg	N	Y	0.020620456
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,7,8,9-HxCDF	I 2B	22	16	6	88.39027273	ng/kg	0.1965	ng/kg	N	Y	0.002223095
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,7,8,9-HxCDF	I 2B	22	16	6	88.39027273	ng/kg	0.2185	ng/kg	N	Y	0.002471991
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,7,8,9-HxCDF	I 2B	26	20	6	100.4994615	ng/kg	0.157	ng/kg	N	Y	0.001562197
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,7,8-PeCDD	I 2B	22	15	7	8.643386364	ng/kg	0.79	ng/kg	N	Y	0.091399362
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,7,8-PeCDD	I 2B	22	15	7	8.643386364	ng/kg	0.985	ng/kg	N	Y	0.113959964
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,7,8-PeCDD	I 2B	26	17	9	9.646134615	ng/kg	0.575	ng/kg	N	Y	0.059609369
BISTC01	BAYD4C0101	Blue crab	Shellfish	1,2,3,7,8-PeCDF	I 2B	22	20	2	186.4717727	ng/kg	21.1	ng/kg	Y	Y	0.113153855
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,7,8-PeCDF	I 2B	22	20	2	186.4717727	ng/kg	23.8	ng/kg	Y	Y	0.127633259
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,7,8-PeCDF	I 2B	26	24	2	212.9107308	ng/kg	20.1	ng/kg	Y	Y	0.094405763
BISTC01	BAYD4C0103	Blue crab	Shellfish	1,2,3,7,8-PeCDF	I 2B	22	20	2	186.4717727	ng/kg	23.8	ng/kg	Y	Y	0.127633259
BISTC02	BAYD4C0203	Blue crab	Shellfish	1,2,3,7,8-PeCDF	I 2B	26	24	2	212.9107308	ng/kg	20.1	ng/kg	Y	Y	0.094405763
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	1,2-Dichlorobenzene	I 2B	59	0	59	17.22881356	ug/kg	1000	ug/kg	N	Y	58.04230202
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	1,3-Dichlorobenzene	I 2B	59	20	39	16.48305085	ug/kg	1000	ug/kg	N	Y	60.66838046
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	1,4-Dichlorobenzene	I 2B	59	14	45	16.6440678	ug/kg	1000	ug/kg	N	Y	60.0814664
BISTC01	BAYD4C0101	Blue crab	Shellfish	2,3,4,6,7,8-HxCDF	I 2B	22	17	5	134.3014773	ng/kg	3.14	ng/kg	Y	Y	0.023380234
BISTC01	BAYD4C0103	Blue crab	Shellfish	2,3,4,6,7,8-HxCDF	I 2B	22	17	5	134.3014773	ng/kg	4.03	ng/kg	Y	Y	0.030007116
BISTC02	BAYD4C0203	Blue crab	Shellfish	2,3,4,6,7,8-HxCDF	I 2B	26	21	5	154.9820192	ng/kg	2.96	ng/kg	Y	Y	0.01909899
BISTC01	BAYD4C0101	Blue crab	Shellfish	2,3,4,7,8-PeCDF	I 2B	22	18	4	147.9573636	ng/kg	20.5	ng/kg	Y	Y	0.138553428
BISTC01	BAYD4C0103	Blue crab	Shellfish	2,3,4,7,8-PeCDF	I 2B	22	18	4	147.9573636	ng/kg	25.3	ng/kg	Y	Y	0.170995207
BISTC02	BAYD4C0203	Blue crab	Shellfish	2,3,4,7,8-PeCDF	I 2B	26	22	4	165.737	ng/kg	20.9	ng/kg	Y	Y	0.126103405
BISTC01	BAYD4C0101	Blue crab	Shellfish	2,3,7,8-TCDD	I 2B	22	15	7	3.318431818	ng/kg	0.491	ng/kg	Y	Y	0.147961455
BISTC01	BAYD4C0103	Blue crab	Shellfish	2,3,7,8-TCDD	I 2B	22	15	7	3.318431818	ng/kg	0.478	ng/kg	Y	Y	0.144043942
BISTC02	BAYD4C0203	Blue crab	Shellfish	2,3,7,8-TCDD	I 2B	26	19	7	3.896096154	ng/kg	0.308	ng/kg	N	Y	0.07905349
BISTC01	BAYD4C0101	Blue crab	Shellfish	2,3,7,8-TCDF	I 2B	22	21	1	93.79309091	ng/kg	59.6	ng/kg	Y	Y	0.635441261
BISTC01	BAYD4C0103	Blue crab	Shellfish	2,3,7,8-TCDF	I 2B	22	21	1	93.79309091	ng/kg	69.7	ng/kg	Y	Y	0.743125099
BISTC02	BAYD4C0203	Blue crab	Shellfish	2,3,7,8-TCDF	I 2B	26	25	1	106.9787692	ng/kg	57.9	ng/kg	Y	Y	0.541228885
BISTC01	BAYD4C0101	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	64	3	61	618.128125	ug/kg	20	ug/kg	N	Y	0.032355751
BISTC01	BAYD4C0103	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	64	3	61	618.128125	ug/kg	20	ug/kg	N	Y	0.032355751
BISTC02	BAYD4C0201	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	71	3	68	612.5380282	ug/kg	20	ug/kg	N	Y	0.032651034
BISTC02	BAYD4C0203	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	71	3	68	612.5380282	ug/kg	20	ug/kg	N	Y	0.032651034
BISTC02	BAYD4C0205	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	71	3	68	612.5380282	ug/kg	20	ug/kg	N	Y	0.032651034
BISTC03	BAYD4C0302	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	100	5	95	1762.654	ug/kg	20	ug/kg	N	Y	0.011346526
BISTC05	BAYD4C0502	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	105	8	97	1669.60381	ug/kg	20	ug/kg	N	Y	0.01197889
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	2-Methylnaphthalene	I 2B	75	4	71	573.5026667	ug/kg	1000	ug/kg	N	Y	1.743671055
BISTC01	BAYD4C0101	Blue crab	Shellfish	4,4'-DDD	I 2B	43	10	33	15.00837209	ug/kg	26	ug/kg	Y	Y	1.732366431
BISTC01	BAYD4C0103	Blue crab	Shellfish	4,4'-DDD	I 2B	43	10	33	15.00837209	ug/kg	29	ug/kg	Y	Y	1.932254866
BISTC02	BAYD4C0201	Blue crab	Shellfish	4,4'-DDD	I 2B	49	11	38	14.45020408	ug/kg	5	ug/kg	N	Y	0.346015874
BISTC02	BAYD4C0203	Blue crab	Shellfish	4,4'-DDD	I 2B	49	11	38	14.45020408	ug/kg	5	ug/kg	N	Y	0.346015874
BISTC02	BAYD4C0205	Blue crab	Shellfish	4,4'-DDD	I 2B	49	11	38	14.45020408	ug/kg	5	ug/kg	N	Y	0.346015874
BISTC03	BAYD4C0302	Blue crab	Shellfish	4,4'-DDD	I 2B	67	17	50	15.88238806	ug/kg	5	ug/kg	N	Y	0.314814119

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC05	BAYD4C0502	Blue crab	Shellfish	4,4'-DDD	I 2B	87	26	61	19.91965517	ug/kg	16	ug/kg	Y	Y	0.803226756
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	4,4'-DDD	I 2B	71	20	51	17.04802817	ug/kg	3	ug/kg	N	Y	0.17597343
BISTC01	BAYD4C0101	Blue crab	Shellfish	4,4'-DDE	I 2B	43	10	33	14.03488372	ug/kg	5	ug/kg	N	Y	0.356255178
BISTC01	BAYD4C0103	Blue crab	Shellfish	4,4'-DDE	I 2B	43	10	33	14.03488372	ug/kg	5	ug/kg	N	Y	0.356255178
BISTC02	BAYD4C0201	Blue crab	Shellfish	4,4'-DDE	I 2B	49	11	38	13.22857143	ug/kg	5	ug/kg	N	Y	0.377969762
BISTC02	BAYD4C0203	Blue crab	Shellfish	4,4'-DDE	I 2B	49	11	38	13.22857143	ug/kg	5	ug/kg	N	Y	0.377969762
BISTC02	BAYD4C0205	Blue crab	Shellfish	4,4'-DDE	I 2B	49	11	38	13.22857143	ug/kg	5	ug/kg	N	Y	0.377969762
BISTC03	BAYD4C0302	Blue crab	Shellfish	4,4'-DDE	I 2B	67	15	52	14.53238806	ug/kg	5	ug/kg	N	Y	0.344059075
BISTC05	BAYD4C0502	Blue crab	Shellfish	4,4'-DDE	I 2B	87	29	58	18.66977011	ug/kg	5	ug/kg	N	Y	0.267812617
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	4,4'-DDE	I 2B	72	27	45	16.42069444	ug/kg	2.1	ug/kg	Y	Y	0.127887405
BISTC01	BAYD4C0101	Blue crab	Shellfish	4,4'-DDT	I 2B	43	2	41	10.87906977	ug/kg	36	ug/kg	Y	Y	3.309106456
BISTC01	BAYD4C0103	Blue crab	Shellfish	4,4'-DDT	I 2B	43	2	41	10.87906977	ug/kg	39	ug/kg	Y	Y	3.584865327
BISTC02	BAYD4C0201	Blue crab	Shellfish	4,4'-DDT	I 2B	49	3	46	11.02040816	ug/kg	5	ug/kg	N	Y	0.453703704
BISTC02	BAYD4C0203	Blue crab	Shellfish	4,4'-DDT	I 2B	49	3	46	11.02040816	ug/kg	5	ug/kg	N	Y	0.453703704
BISTC02	BAYD4C0205	Blue crab	Shellfish	4,4'-DDT	I 2B	49	3	46	11.02040816	ug/kg	5	ug/kg	N	Y	0.453703704
BISTC03	BAYD4C0302	Blue crab	Shellfish	4,4'-DDT	I 2B	67	4	63	13.69253731	ug/kg	5	ug/kg	N	Y	0.365162416
BISTC05	BAYD4C0502	Blue crab	Shellfish	4,4'-DDT	I 2B	86	9	77	12.48209302	ug/kg	43	ug/kg	Y	Y	3.44493507
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	4,4'-DDT	I 2B	70	6	64	8.834428571	ug/kg	3	ug/kg	N	Y	0.339580537
BISTC01	BAYD4C0101	Blue crab	Shellfish	Acenaphthene	I 2B	64	2	62	629.8109375	ug/kg	20	ug/kg	N	Y	0.031755562
BISTC01	BAYD4C0103	Blue crab	Shellfish	Acenaphthene	I 2B	64	2	62	629.8109375	ug/kg	20	ug/kg	N	Y	0.031755562
BISTC02	BAYD4C0201	Blue crab	Shellfish	Acenaphthene	I 2B	71	2	69	623.0690141	ug/kg	20	ug/kg	N	Y	0.032099173
BISTC02	BAYD4C0203	Blue crab	Shellfish	Acenaphthene	I 2B	71	2	69	623.0690141	ug/kg	20	ug/kg	N	Y	0.032099173
BISTC02	BAYD4C0205	Blue crab	Shellfish	Acenaphthene	I 2B	71	2	69	623.0690141	ug/kg	20	ug/kg	N	Y	0.032099173
BISTC03	BAYD4C0302	Blue crab	Shellfish	Acenaphthene	I 2B	100	4	96	1784.569	ug/kg	20	ug/kg	N	Y	0.011207188
BISTC05	BAYD4C0502	Blue crab	Shellfish	Acenaphthene	I 2B	102	3	99	1730.606863	ug/kg	20	ug/kg	N	Y	0.01155664
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Acenaphthene	I 2B	71	0	71	593.8028169	ug/kg	1000	ug/kg	N	Y	1.684060721
BISTC01	BAYD4C0101	Blue crab	Shellfish	Acenaphthylene	I 2B	67	4	63	607.3791045	ug/kg	20	ug/kg	N	Y	0.032928364
BISTC01	BAYD4C0103	Blue crab	Shellfish	Acenaphthylene	I 2B	67	4	63	607.3791045	ug/kg	20	ug/kg	N	Y	0.032928364
BISTC02	BAYD4C0201	Blue crab	Shellfish	Acenaphthylene	I 2B	75	5	70	596.472	ug/kg	20	ug/kg	N	Y	0.033530493
BISTC02	BAYD4C0203	Blue crab	Shellfish	Acenaphthylene	I 2B	75	5	70	596.472	ug/kg	20	ug/kg	N	Y	0.033530493
BISTC02	BAYD4C0205	Blue crab	Shellfish	Acenaphthylene	I 2B	75	5	70	596.472	ug/kg	20	ug/kg	N	Y	0.033530493
BISTC03	BAYD4C0302	Blue crab	Shellfish	Acenaphthylene	I 2B	105	8	97	1697.670476	ug/kg	20	ug/kg	N	Y	0.011780849
BISTC05	BAYD4C0502	Blue crab	Shellfish	Acenaphthylene	I 2B	113	14	99	1574.215044	ug/kg	20	ug/kg	N	Y	0.012704745
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Acenaphthylene	I 2B	80	9	71	547.42125	ug/kg	1000	ug/kg	N	Y	1.82674677
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aldrin	I 2B	43	14	29	23.34767442	ug/kg	10	ug/kg	Y	Y	0.428308183
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aldrin	I 2B	43	14	29	23.34767442	ug/kg	5	ug/kg	N	Y	0.214154091
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aldrin	I 2B	49	15	34	21.61785714	ug/kg	5	ug/kg	N	Y	0.231290269
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aldrin	I 2B	49	15	34	21.61785714	ug/kg	5	ug/kg	N	Y	0.231290269
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aldrin	I 2B	49	15	34	21.61785714	ug/kg	10	ug/kg	Y	Y	0.462580539
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aldrin	I 2B	67	21	46	20.24216418	ug/kg	5	ug/kg	N	Y	0.247009161
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aldrin	I 2B	87	31	56	19.92511494	ug/kg	10	ug/kg	Y	Y	0.501879162
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aldrin	I 2B	71	24	47	13.47471831	ug/kg	3	ug/kg	N	Y	0.222639163
BISTC01	BAYD4C0101	Blue crab	Shellfish	alpha-Chlordane	I 2B	43	10	33	9.647790698	ug/kg	5	ug/kg	N	Y	0.518253366
BISTC01	BAYD4C0103	Blue crab	Shellfish	alpha-Chlordane	I 2B	43	10	33	9.647790698	ug/kg	5	ug/kg	N	Y	0.518253366
BISTC02	BAYD4C0201	Blue crab	Shellfish	alpha-Chlordane	I 2B	49	12	37	8.914591837	ug/kg	5	ug/kg	N	Y	0.560878175
BISTC02	BAYD4C0203	Blue crab	Shellfish	alpha-Chlordane	I 2B	49	12	37	8.914591837	ug/kg	5	ug/kg	N	Y	0.560878175
BISTC02	BAYD4C0205	Blue crab	Shellfish	alpha-Chlordane	I 2B	49	12	37	8.914591837	ug/kg	5	ug/kg	N	Y	0.560878175
BISTC03	BAYD4C0302	Blue crab	Shellfish	alpha-Chlordane	I 2B	67	14	53	9.640522388	ug/kg	5	ug/kg	N	Y	0.518644094
BISTC05	BAYD4C0502	Blue crab	Shellfish	alpha-Chlordane	I 2B	86	17	69	14.4844186	ug/kg	5	ug/kg	N	Y	0.345198529
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	alpha-Chlordane	I 2B	71	14	57	13.48661972	ug/kg	1.9	ug/kg	Y	Y	0.140880372
BISTC01	BAYD4C0101	Blue crab	Shellfish	Anthracene	I 2B	66	5	61	602.7075758	ug/kg	20	ug/kg	N	Y	0.033183588
BISTC01	BAYD4C0103	Blue crab	Shellfish	Anthracene	I 2B	66	5	61	602.7075758	ug/kg	20	ug/kg	N	Y	0.033183588
BISTC02	BAYD4C0201	Blue crab	Shellfish	Anthracene	I 2B	73	5	68	598.7493151	ug/kg	20	ug/kg	N	Y	0.033402961
BISTC02	BAYD4C0203	Blue crab	Shellfish	Anthracene	I 2B	73	5	68	598.7493151	ug/kg	20	ug/kg	N	Y	0.033402961

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC02	BAYD4C0205	Blue crab	Shellfish	Anthracene	I 2B	73	5	68	598.7493151	ug/kg	20	ug/kg	N	Y	0.033402961
BISTC03	BAYD4C0302	Blue crab	Shellfish	Anthracene	I 2B	103	8	95	1730.113592	ug/kg	20	ug/kg	N	Y	0.011559935
BISTC05	BAYD4C0502	Blue crab	Shellfish	Anthracene	I 2B	108	10	98	1636.997222	ug/kg	20	ug/kg	N	Y	0.012217492
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Anthracene	I 2B	75	5	70	560.796	ug/kg	1000	ug/kg	N	Y	1.783179623
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aroclor-1016	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aroclor-1016	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aroclor-1016	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aroclor-1016	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aroclor-1016	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aroclor-1016	I 2B	67	0	67	94.20149254	ug/kg	5	ug/kg	N	Y	0.053077715
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aroclor-1016	I 2B	86	0	86	84.47674419	ug/kg	5	ug/kg	N	Y	0.059187887
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aroclor-1016	I 2B	70	0	70	64.63571429	ug/kg	50	ug/kg	N	Y	0.77356614
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aroclor-1221	I 2B	43	0	43	133.6627907	ug/kg	5	ug/kg	N	Y	0.037407569
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aroclor-1221	I 2B	43	0	43	133.6627907	ug/kg	5	ug/kg	N	Y	0.037407569
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aroclor-1221	I 2B	49	0	49	142.5408163	ug/kg	5	ug/kg	N	Y	0.035077672
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aroclor-1221	I 2B	49	0	49	142.5408163	ug/kg	5	ug/kg	N	Y	0.035077672
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aroclor-1221	I 2B	49	0	49	142.5408163	ug/kg	5	ug/kg	N	Y	0.035077672
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aroclor-1221	I 2B	67	0	67	186	ug/kg	5	ug/kg	N	Y	0.02688172
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aroclor-1221	I 2B	86	0	86	165.2209302	ug/kg	5	ug/kg	N	Y	0.03026251
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aroclor-1221	I 2B	70	0	70	127.2642857	ug/kg	50	ug/kg	N	Y	0.392883201
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aroclor-1232	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aroclor-1232	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aroclor-1232	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aroclor-1232	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aroclor-1232	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aroclor-1232	I 2B	67	0	67	94.20149254	ug/kg	5	ug/kg	N	Y	0.053077715
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aroclor-1232	I 2B	86	0	86	84.47674419	ug/kg	5	ug/kg	N	Y	0.059187887
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aroclor-1232	I 2B	70	0	70	64.63571429	ug/kg	50	ug/kg	N	Y	0.77356614
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aroclor-1242	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aroclor-1242	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aroclor-1242	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aroclor-1242	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aroclor-1242	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aroclor-1242	I 2B	67	0	67	94.20149254	ug/kg	5	ug/kg	N	Y	0.053077715
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aroclor-1242	I 2B	86	0	86	84.47674419	ug/kg	5	ug/kg	N	Y	0.059187887
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aroclor-1242	I 2B	70	0	70	64.63571429	ug/kg	50	ug/kg	N	Y	0.77356614
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aroclor-1248	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aroclor-1248	I 2B	43	0	43	67.69767442	ug/kg	5	ug/kg	N	Y	0.073857781
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aroclor-1248	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aroclor-1248	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aroclor-1248	I 2B	49	0	49	72.04081633	ug/kg	5	ug/kg	N	Y	0.069405099
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aroclor-1248	I 2B	67	0	67	94.20149254	ug/kg	5	ug/kg	N	Y	0.053077715
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aroclor-1248	I 2B	86	0	86	84.47674419	ug/kg	5	ug/kg	N	Y	0.059187887
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aroclor-1248	I 2B	70	0	70	64.63571429	ug/kg	50	ug/kg	N	Y	0.77356614
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aroclor-1254	I 2B	43	10	33	85.75348837	ug/kg	150	ug/kg	Y	Y	1.749199978
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aroclor-1254	I 2B	43	10	33	85.75348837	ug/kg	330	ug/kg	Y	Y	3.848239952
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aroclor-1254	I 2B	49	14	35	90.74285714	ug/kg	110	ug/kg	Y	Y	1.212216625
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aroclor-1254	I 2B	49	14	35	90.74285714	ug/kg	220	ug/kg	Y	Y	2.424433249
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aroclor-1254	I 2B	49	14	35	90.74285714	ug/kg	190	ug/kg	Y	Y	2.093828715
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aroclor-1254	I 2B	67	15	52	108.4761194	ug/kg	13	ug/kg	Y	Y	0.119842045
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aroclor-1254	I 2B	87	33	54	110.8678161	ug/kg	96	ug/kg	Y	Y	0.865896014
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aroclor-1254	I 2B	72	36	36	109.0902778	ug/kg	50	ug/kg	N	Y	0.458335986
BISTC01	BAYD4C0101	Blue crab	Shellfish	Aroclor-1260	I 2B	43	2	41	70.94186047	ug/kg	5	ug/kg	N	Y	0.070480249
BISTC01	BAYD4C0103	Blue crab	Shellfish	Aroclor-1260	I 2B	43	2	41	70.94186047	ug/kg	5	ug/kg	N	Y	0.070480249

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC02	BAYD4C0201	Blue crab	Shellfish	Aroclor-1260	I 2B	49	2	47	74.8877551	ug/kg	5	ug/kg	N	Y	0.066766589
BISTC02	BAYD4C0203	Blue crab	Shellfish	Aroclor-1260	I 2B	49	2	47	74.8877551	ug/kg	5	ug/kg	N	Y	0.066766589
BISTC02	BAYD4C0205	Blue crab	Shellfish	Aroclor-1260	I 2B	49	2	47	74.8877551	ug/kg	5	ug/kg	N	Y	0.066766589
BISTC03	BAYD4C0302	Blue crab	Shellfish	Aroclor-1260	I 2B	67	2	65	96.28358209	ug/kg	5	ug/kg	N	Y	0.051929933
BISTC05	BAYD4C0502	Blue crab	Shellfish	Aroclor-1260	I 2B	86	1	85	85.04069767	ug/kg	5	ug/kg	N	Y	0.058795378
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Aroclor-1260	I 2B	70	0	70	64.63571429	ug/kg	50	ug/kg	N	Y	0.77356614
BISTC01	BAYD4C0101	Blue crab	Shellfish	Arsenic	I 2B	61	48	13	3.200081967	mg/kg	0.36	mg/kg	Y	Y	0.112497118
BISTC01	BAYD4C0103	Blue crab	Shellfish	Arsenic	I 2B	61	48	13	3.200081967	mg/kg	0.48	mg/kg	Y	Y	0.149996158
BISTC02	BAYD4C0201	Blue crab	Shellfish	Arsenic	I 2B	68	55	13	3.222132353	mg/kg	0.38	mg/kg	Y	Y	0.117934324
BISTC02	BAYD4C0203	Blue crab	Shellfish	Arsenic	I 2B	68	55	13	3.222132353	mg/kg	0.39	mg/kg	Y	Y	0.121037859
BISTC02	BAYD4C0205	Blue crab	Shellfish	Arsenic	I 2B	68	55	13	3.222132353	mg/kg	0.29	mg/kg	Y	Y	0.09000251
BISTC03	BAYD4C0302	Blue crab	Shellfish	Arsenic	I 2B	93	79	14	3.45327957	mg/kg	0.28	mg/kg	Y	Y	0.081082343
BISTC05	BAYD4C0502	Blue crab	Shellfish	Arsenic	I 2B	95	93	2	3.759473684	mg/kg	0.25	mg/kg	Y	Y	0.06649867
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Arsenic	I 2B	69	69	0	3.579710145	mg/kg	0.31	mg/kg	N	Y	0.08659919
BISTC01	BAYD4C0101	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	68	11	57	609.1808824	ug/kg	20	ug/kg	N	Y	0.032830971
BISTC01	BAYD4C0103	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	68	11	57	609.1808824	ug/kg	20	ug/kg	N	Y	0.032830971
BISTC02	BAYD4C0201	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	75	11	64	599.8306667	ug/kg	20	ug/kg	N	Y	0.033342743
BISTC02	BAYD4C0203	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	75	11	64	599.8306667	ug/kg	20	ug/kg	N	Y	0.033342743
BISTC02	BAYD4C0205	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	75	11	64	599.8306667	ug/kg	20	ug/kg	N	Y	0.033342743
BISTC03	BAYD4C0302	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	105	15	90	1755.307619	ug/kg	20	ug/kg	N	Y	0.011394014
BISTC05	BAYD4C0502	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	112	20	92	1633.323214	ug/kg	20	ug/kg	N	Y	0.012244974
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Benzo(a)anthracene	I 2B	79	12	67	544.5721519	ug/kg	1000	ug/kg	N	Y	1.836303962
BISTC01	BAYD4C0101	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	68	9	59	604.6485294	ug/kg	20	ug/kg	N	Y	0.033077067
BISTC01	BAYD4C0103	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	68	9	59	604.6485294	ug/kg	20	ug/kg	N	Y	0.033077067
BISTC02	BAYD4C0201	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	75	9	66	596.4146667	ug/kg	20	ug/kg	N	Y	0.033533716
BISTC02	BAYD4C0203	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	75	9	66	596.4146667	ug/kg	20	ug/kg	N	Y	0.033533716
BISTC02	BAYD4C0205	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	75	9	66	596.4146667	ug/kg	20	ug/kg	N	Y	0.033533716
BISTC03	BAYD4C0302	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	105	12	93	1765.229524	ug/kg	20	ug/kg	N	Y	0.011329971
BISTC05	BAYD4C0502	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	113	18	95	1630.488496	ug/kg	20	ug/kg	N	Y	0.012266263
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Benzo(a)pyrene	I 2B	80	12	68	539.93375	ug/kg	1000	ug/kg	N	Y	1.852079075
BISTC01	BAYD4C0101	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	68	11	57	608.6544118	ug/kg	20	ug/kg	N	Y	0.032859369
BISTC01	BAYD4C0103	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	68	11	57	608.6544118	ug/kg	20	ug/kg	N	Y	0.032859369
BISTC02	BAYD4C0201	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	76	12	64	595.375	ug/kg	20	ug/kg	N	Y	0.033592274
BISTC02	BAYD4C0203	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	76	12	64	595.375	ug/kg	20	ug/kg	N	Y	0.033592274
BISTC02	BAYD4C0205	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	76	12	64	595.375	ug/kg	20	ug/kg	N	Y	0.033592274
BISTC03	BAYD4C0302	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	106	15	91	1803.627358	ug/kg	20	ug/kg	N	Y	0.011088765
BISTC05	BAYD4C0502	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	114	20	94	1682.514035	ug/kg	20	ug/kg	N	Y	0.011886974
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Benzo(b)fluoranthene	I 2B	81	13	68	554.8839506	ug/kg	1000	ug/kg	N	Y	1.802178634
BISTC01	BAYD4C0101	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	66	6	60	615.9227273	ug/kg	20	ug/kg	N	Y	0.032471606
BISTC01	BAYD4C0103	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	66	6	60	615.9227273	ug/kg	20	ug/kg	N	Y	0.032471606
BISTC02	BAYD4C0201	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	73	6	67	610.6972603	ug/kg	20	ug/kg	N	Y	0.032749451
BISTC02	BAYD4C0203	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	73	6	67	610.6972603	ug/kg	20	ug/kg	N	Y	0.032749451
BISTC02	BAYD4C0205	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	73	6	67	610.6972603	ug/kg	20	ug/kg	N	Y	0.032749451
BISTC03	BAYD4C0302	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	103	9	94	1773.804854	ug/kg	20	ug/kg	N	Y	0.011275197
BISTC05	BAYD4C0502	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	111	14	97	1649.445946	ug/kg	20	ug/kg	N	Y	0.012125284
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Benzo(g,h,i)perylene	I 2B	78	7	71	576.0461538	ug/kg	1000	ug/kg	N	Y	1.735972011
BISTC01	BAYD4C0101	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	66	7	59	607.3469697	ug/kg	20	ug/kg	N	Y	0.032930106
BISTC01	BAYD4C0103	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	66	7	59	607.3469697	ug/kg	20	ug/kg	N	Y	0.032930106
BISTC02	BAYD4C0201	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	73	6	67	604.2452055	ug/kg	20	ug/kg	N	Y	0.033099146
BISTC02	BAYD4C0203	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	73	6	67	604.2452055	ug/kg	20	ug/kg	N	Y	0.033099146
BISTC02	BAYD4C0205	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	73	6	67	604.2452055	ug/kg	20	ug/kg	N	Y	0.033099146
BISTC03	BAYD4C0302	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	102	8	94	1803.67549	ug/kg	20	ug/kg	N	Y	0.011088469
BISTC05	BAYD4C0502	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	109	12	97	1672.651376	ug/kg	20	ug/kg	N	Y	0.011957064
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Benzo(k)fluoranthene	I 2B	77	8	69	546.6064935	ug/kg	1000	ug/kg	N	Y	1.829469668

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Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC01	BAYD4C0101	Blue crab	Shellfish	beta-BHC	I 2B	43	24	19	43.66860465	ug/kg	32	ug/kg	Y	Y	0.732791905
BISTC01	BAYD4C0103	Blue crab	Shellfish	beta-BHC	I 2B	43	24	19	43.66860465	ug/kg	35	ug/kg	Y	Y	0.801491146
BISTC02	BAYD4C0201	Blue crab	Shellfish	beta-BHC	I 2B	49	29	20	45.05816327	ug/kg	30	ug/kg	Y	Y	0.665806101
BISTC02	BAYD4C0203	Blue crab	Shellfish	beta-BHC	I 2B	49	29	20	45.05816327	ug/kg	25	ug/kg	Y	Y	0.554838417
BISTC02	BAYD4C0205	Blue crab	Shellfish	beta-BHC	I 2B	49	29	20	45.05816327	ug/kg	56	ug/kg	Y	Y	1.242838055
BISTC03	BAYD4C0302	Blue crab	Shellfish	beta-BHC	I 2B	67	36	31	43.62835821	ug/kg	5	ug/kg	N	Y	0.114604358
BISTC05	BAYD4C0502	Blue crab	Shellfish	beta-BHC	I 2B	86	50	36	53.64534884	ug/kg	30	ug/kg	Y	Y	0.559228352
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	beta-BHC	I 2B	70	39	31	51.17357143	ug/kg	3	ug/kg	N	Y	0.058624011
BISTC01	BAYD4C0101	Blue crab	Shellfish	Cadmium	I 2B	67	14	53	0.342716418	mg/kg	0.01	mg/kg	Y	Y	0.029178643
BISTC01	BAYD4C0103	Blue crab	Shellfish	Cadmium	I 2B	67	14	53	0.342716418	mg/kg	0.05	mg/kg	Y	Y	0.145893215
BISTC02	BAYD4C0201	Blue crab	Shellfish	Cadmium	I 2B	75	14	61	0.322093333	mg/kg	0.03	mg/kg	Y	Y	0.093140705
BISTC02	BAYD4C0203	Blue crab	Shellfish	Cadmium	I 2B	75	14	61	0.322093333	mg/kg	0.03	mg/kg	Y	Y	0.093140705
BISTC02	BAYD4C0205	Blue crab	Shellfish	Cadmium	I 2B	75	14	61	0.322093333	mg/kg	0.03	mg/kg	Y	Y	0.093140705
BISTC03	BAYD4C0302	Blue crab	Shellfish	Cadmium	I 2B	103	18	85	0.346427184	mg/kg	0.01	mg/kg	Y	Y	0.028866095
BISTC05	BAYD4C0502	Blue crab	Shellfish	Cadmium	I 2B	110	20	90	0.474454545	mg/kg	0.005	mg/kg	N	Y	0.010538417
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Cadmium	I 2B	80	12	68	0.5548125	mg/kg	0.25	mg/kg	N	Y	0.450602681
BISTC01	BAYD4C0101	Blue crab	Shellfish	Chromium	I 2B	61	61	0	44.15081967	mg/kg	0.08	mg/kg	N	Y	0.001811971
BISTC01	BAYD4C0103	Blue crab	Shellfish	Chromium	I 2B	61	61	0	44.15081967	mg/kg	0.085	mg/kg	N	Y	0.001925219
BISTC02	BAYD4C0201	Blue crab	Shellfish	Chromium	I 2B	68	68	0	48.19264706	mg/kg	0.13	mg/kg	Y	Y	0.002697507
BISTC02	BAYD4C0203	Blue crab	Shellfish	Chromium	I 2B	68	68	0	48.19264706	mg/kg	0.07	mg/kg	N	Y	0.001452504
BISTC02	BAYD4C0205	Blue crab	Shellfish	Chromium	I 2B	68	68	0	48.19264706	mg/kg	0.065	mg/kg	N	Y	0.001348753
BISTC03	BAYD4C0302	Blue crab	Shellfish	Chromium	I 2B	93	93	0	47.62258065	mg/kg	0.04	mg/kg	N	Y	0.000839938
BISTC05	BAYD4C0502	Blue crab	Shellfish	Chromium	I 2B	95	95	0	78.38105263	mg/kg	0.055	mg/kg	N	Y	0.0007017
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Chromium	I 2B	69	69	0	114.5536232	mg/kg	0.81	mg/kg	Y	Y	0.007070924
BISTC01	BAYD4C0101	Blue crab	Shellfish	Chrysene	I 2B	69	14	55	624.7681159	ug/kg	20	ug/kg	N	Y	0.032011877
BISTC01	BAYD4C0103	Blue crab	Shellfish	Chrysene	I 2B	69	14	55	624.7681159	ug/kg	20	ug/kg	N	Y	0.032011877
BISTC02	BAYD4C0201	Blue crab	Shellfish	Chrysene	I 2B	77	15	62	608.6493506	ug/kg	20	ug/kg	N	Y	0.032859642
BISTC02	BAYD4C0203	Blue crab	Shellfish	Chrysene	I 2B	77	15	62	608.6493506	ug/kg	20	ug/kg	N	Y	0.032859642
BISTC02	BAYD4C0205	Blue crab	Shellfish	Chrysene	I 2B	77	15	62	608.6493506	ug/kg	20	ug/kg	N	Y	0.032859642
BISTC03	BAYD4C0302	Blue crab	Shellfish	Chrysene	I 2B	107	22	85	1787.485981	ug/kg	20	ug/kg	N	Y	0.011188899
BISTC05	BAYD4C0502	Blue crab	Shellfish	Chrysene	I 2B	116	29	87	1666.706034	ug/kg	20	ug/kg	N	Y	0.011999717
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Chrysene	I 2B	82	17	65	568.254878	ug/kg	1000	ug/kg	N	Y	1.759773719
BISTC01	BAYD4C0101	Blue crab	Shellfish	Copper	I 2B	69	69	0	78.3942029	mg/kg	9.9	mg/kg	Y	Y	0.126284848
BISTC01	BAYD4C0103	Blue crab	Shellfish	Copper	I 2B	69	69	0	78.3942029	mg/kg	12.5	mg/kg	Y	Y	0.159450566
BISTC02	BAYD4C0201	Blue crab	Shellfish	Copper	I 2B	77	77	0	87.35454545	mg/kg	9	mg/kg	Y	Y	0.103028411
BISTC02	BAYD4C0203	Blue crab	Shellfish	Copper	I 2B	77	77	0	87.35454545	mg/kg	11.8	mg/kg	Y	Y	0.135081694
BISTC02	BAYD4C0205	Blue crab	Shellfish	Copper	I 2B	77	77	0	87.35454545	mg/kg	10.9	mg/kg	Y	Y	0.124778853
BISTC03	BAYD4C0302	Blue crab	Shellfish	Copper	I 2B	105	105	0	113.1142857	mg/kg	7.8	mg/kg	Y	Y	0.068956807
BISTC05	BAYD4C0502	Blue crab	Shellfish	Copper	I 2B	113	112	1	146.6853982	mg/kg	8.7	mg/kg	Y	Y	0.059310607
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Copper	I 2B	81	80	1	138.7364198	mg/kg	15.6	mg/kg	Y	Y	0.112443438
BISTC01	BAYD4C0101	Blue crab	Shellfish	delta-BHC	I 2B	43	17	26	11.30186047	ug/kg	5	ug/kg	N	Y	0.442405037
BISTC01	BAYD4C0103	Blue crab	Shellfish	delta-BHC	I 2B	43	17	26	11.30186047	ug/kg	5	ug/kg	N	Y	0.442405037
BISTC02	BAYD4C0201	Blue crab	Shellfish	delta-BHC	I 2B	49	20	29	10.59244898	ug/kg	5	ug/kg	N	Y	0.472034372
BISTC02	BAYD4C0203	Blue crab	Shellfish	delta-BHC	I 2B	49	20	29	10.59244898	ug/kg	5	ug/kg	N	Y	0.472034372
BISTC02	BAYD4C0205	Blue crab	Shellfish	delta-BHC	I 2B	49	20	29	10.59244898	ug/kg	5	ug/kg	N	Y	0.472034372
BISTC03	BAYD4C0302	Blue crab	Shellfish	delta-BHC	I 2B	67	24	43	11.14970149	ug/kg	5	ug/kg	N	Y	0.448442499
BISTC05	BAYD4C0502	Blue crab	Shellfish	delta-BHC	I 2B	86	29	57	9.83627907	ug/kg	5	ug/kg	N	Y	0.5083223
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	delta-BHC	I 2B	70	20	50	7.438142857	ug/kg	3	ug/kg	N	Y	0.403326483
BISTC01	BAYD4C0101	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	65	2	63	618.5030769	ug/kg	20	ug/kg	N	Y	0.032336137
BISTC01	BAYD4C0103	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	65	2	63	618.5030769	ug/kg	20	ug/kg	N	Y	0.032336137
BISTC02	BAYD4C0201	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	72	2	70	612.9541667	ug/kg	20	ug/kg	N	Y	0.032628867
BISTC02	BAYD4C0203	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	72	2	70	612.9541667	ug/kg	20	ug/kg	N	Y	0.032628867
BISTC02	BAYD4C0205	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	72	2	70	612.9541667	ug/kg	20	ug/kg	N	Y	0.032628867
BISTC03	BAYD4C0302	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	102	5	97	1782.085294	ug/kg	20	ug/kg	N	Y	0.011222807

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC05	BAYD4C0502	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	108	9	99	1673.568519	ug/kg	20	ug/kg	N	Y	0.011950512
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Dibenzo(a,h)anthracene	I 2B	76	5	71	564.8618421	ug/kg	1000	ug/kg	N	Y	1.770344402
BISTC01	BAYD4C0101	Blue crab	Shellfish	Endosulfan I	I 2B	43	3	40	9.791162791	ug/kg	5	ug/kg	N	Y	0.510664577
BISTC01	BAYD4C0103	Blue crab	Shellfish	Endosulfan I	I 2B	43	3	40	9.791162791	ug/kg	5	ug/kg	N	Y	0.510664577
BISTC02	BAYD4C0201	Blue crab	Shellfish	Endosulfan I	I 2B	49	3	46	9.475918367	ug/kg	5	ug/kg	N	Y	0.527653343
BISTC02	BAYD4C0203	Blue crab	Shellfish	Endosulfan I	I 2B	49	3	46	9.475918367	ug/kg	5	ug/kg	N	Y	0.527653343
BISTC02	BAYD4C0205	Blue crab	Shellfish	Endosulfan I	I 2B	49	3	46	9.475918367	ug/kg	5	ug/kg	N	Y	0.527653343
BISTC03	BAYD4C0302	Blue crab	Shellfish	Endosulfan I	I 2B	67	7	60	9.887313433	ug/kg	5	ug/kg	N	Y	0.505698543
BISTC05	BAYD4C0502	Blue crab	Shellfish	Endosulfan I	I 2B	86	8	78	13.92813953	ug/kg	5	ug/kg	N	Y	0.35898549
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Endosulfan I	I 2B	70	3	67	12.85871429	ug/kg	3	ug/kg	N	Y	0.233304818
BISTC01	BAYD4C0101	Blue crab	Shellfish	Endosulfan II	I 2B	43	6	37	16.39186047	ug/kg	5	ug/kg	N	Y	0.305029439
BISTC01	BAYD4C0103	Blue crab	Shellfish	Endosulfan II	I 2B	43	6	37	16.39186047	ug/kg	5	ug/kg	N	Y	0.305029439
BISTC02	BAYD4C0201	Blue crab	Shellfish	Endosulfan II	I 2B	49	6	43	15.86836735	ug/kg	5	ug/kg	N	Y	0.315092277
BISTC02	BAYD4C0203	Blue crab	Shellfish	Endosulfan II	I 2B	49	6	43	15.86836735	ug/kg	5	ug/kg	N	Y	0.315092277
BISTC02	BAYD4C0205	Blue crab	Shellfish	Endosulfan II	I 2B	49	6	43	15.86836735	ug/kg	5	ug/kg	N	Y	0.315092277
BISTC03	BAYD4C0302	Blue crab	Shellfish	Endosulfan II	I 2B	67	8	59	16.87014925	ug/kg	5	ug/kg	N	Y	0.296381492
BISTC05	BAYD4C0502	Blue crab	Shellfish	Endosulfan II	I 2B	86	8	78	14.78197674	ug/kg	5	ug/kg	N	Y	0.338249754
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Endosulfan II	I 2B	70	6	64	9.975	ug/kg	3	ug/kg	N	Y	0.30075188
BISTC01	BAYD4C0101	Blue crab	Shellfish	Endrin	I 2B	43	7	36	12.30465116	ug/kg	20	ug/kg	Y	Y	1.625401625
BISTC01	BAYD4C0103	Blue crab	Shellfish	Endrin	I 2B	43	7	36	12.30465116	ug/kg	25	ug/kg	Y	Y	2.031752032
BISTC02	BAYD4C0201	Blue crab	Shellfish	Endrin	I 2B	49	8	41	12.23530612	ug/kg	5	ug/kg	N	Y	0.408653445
BISTC02	BAYD4C0203	Blue crab	Shellfish	Endrin	I 2B	49	8	41	12.23530612	ug/kg	5	ug/kg	N	Y	0.408653445
BISTC02	BAYD4C0205	Blue crab	Shellfish	Endrin	I 2B	49	8	41	12.23530612	ug/kg	5	ug/kg	N	Y	0.408653445
BISTC03	BAYD4C0302	Blue crab	Shellfish	Endrin	I 2B	67	13	54	13.93179104	ug/kg	5	ug/kg	N	Y	0.358891401
BISTC05	BAYD4C0502	Blue crab	Shellfish	Endrin	I 2B	86	20	66	17.15383721	ug/kg	13	ug/kg	Y	Y	0.757847929
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Endrin	I 2B	70	15	55	14.74328571	ug/kg	3	ug/kg	N	Y	0.203482457
BISTC01	BAYD4C0101	Blue crab	Shellfish	Fluoranthene	I 2B	68	14	54	658.8970588	ug/kg	20	ug/kg	N	Y	0.030353755
BISTC01	BAYD4C0103	Blue crab	Shellfish	Fluoranthene	I 2B	68	14	54	658.8970588	ug/kg	20	ug/kg	N	Y	0.030353755
BISTC02	BAYD4C0201	Blue crab	Shellfish	Fluoranthene	I 2B	76	15	61	627.8578947	ug/kg	20	ug/kg	N	Y	0.031854342
BISTC02	BAYD4C0203	Blue crab	Shellfish	Fluoranthene	I 2B	76	15	61	627.8578947	ug/kg	20	ug/kg	N	Y	0.031854342
BISTC02	BAYD4C0205	Blue crab	Shellfish	Fluoranthene	I 2B	76	15	61	627.8578947	ug/kg	20	ug/kg	N	Y	0.031854342
BISTC03	BAYD4C0302	Blue crab	Shellfish	Fluoranthene	I 2B	106	18	88	1906.15283	ug/kg	20	ug/kg	N	Y	0.010492338
BISTC05	BAYD4C0502	Blue crab	Shellfish	Fluoranthene	I 2B	115	24	91	1735.161739	ug/kg	20	ug/kg	N	Y	0.011526303
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Fluoranthene	I 2B	82	15	67	536.0073171	ug/kg	1000	ug/kg	N	Y	1.865646173
BISTC01	BAYD4C0101	Blue crab	Shellfish	Fluorene	I 2B	64	2	62	628.9125	ug/kg	20	ug/kg	N	Y	0.031800926
BISTC01	BAYD4C0103	Blue crab	Shellfish	Fluorene	I 2B	64	2	62	628.9125	ug/kg	20	ug/kg	N	Y	0.031800926
BISTC02	BAYD4C0201	Blue crab	Shellfish	Fluorene	I 2B	71	2	69	622.2591549	ug/kg	20	ug/kg	N	Y	0.032140949
BISTC02	BAYD4C0203	Blue crab	Shellfish	Fluorene	I 2B	71	2	69	622.2591549	ug/kg	20	ug/kg	N	Y	0.032140949
BISTC02	BAYD4C0205	Blue crab	Shellfish	Fluorene	I 2B	71	2	69	622.2591549	ug/kg	20	ug/kg	N	Y	0.032140949
BISTC03	BAYD4C0302	Blue crab	Shellfish	Fluorene	I 2B	100	5	95	1905.454	ug/kg	20	ug/kg	N	Y	0.010496186
BISTC05	BAYD4C0502	Blue crab	Shellfish	Fluorene	I 2B	103	5	98	1832.025243	ug/kg	20	ug/kg	N	Y	0.01091688
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Fluorene	I 2B	73	2	71	578.7410959	ug/kg	1000	ug/kg	N	Y	1.727888355
BISTC01	BAYD4C0101	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	43	5	38	8.634883721	ug/kg	5	ug/kg	N	Y	0.579046593
BISTC01	BAYD4C0103	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	43	5	38	8.634883721	ug/kg	5	ug/kg	N	Y	0.579046593
BISTC02	BAYD4C0201	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	49	6	43	8.308163265	ug/kg	5	ug/kg	N	Y	0.601817735
BISTC02	BAYD4C0203	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	49	6	43	8.308163265	ug/kg	5	ug/kg	N	Y	0.601817735
BISTC02	BAYD4C0205	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	49	6	43	8.308163265	ug/kg	5	ug/kg	N	Y	0.601817735
BISTC03	BAYD4C0302	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	67	7	60	9.185820896	ug/kg	5	ug/kg	N	Y	0.544317166
BISTC05	BAYD4C0502	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	86	10	76	8.112790698	ug/kg	5	ug/kg	N	Y	0.616310735
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	gamma-BHC (Lindane)	I 2B	70	8	62	5.450714286	ug/kg	3	ug/kg	N	Y	0.550386581
BISTC01	BAYD4C0101	Blue crab	Shellfish	gamma-Chlordane	I 2B	43	13	30	15.94976744	ug/kg	5	ug/kg	N	Y	0.313484195
BISTC01	BAYD4C0103	Blue crab	Shellfish	gamma-Chlordane	I 2B	43	13	30	15.94976744	ug/kg	5	ug/kg	N	Y	0.313484195
BISTC02	BAYD4C0201	Blue crab	Shellfish	gamma-Chlordane	I 2B	49	14	35	14.86102041	ug/kg	5	ug/kg	N	Y	0.336450652
BISTC02	BAYD4C0203	Blue crab	Shellfish	gamma-Chlordane	I 2B	49	14	35	14.86102041	ug/kg	5	ug/kg	N	Y	0.336450652

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						Sediment Samples						Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC02	BAYD4C0205	Blue crab	Shellfish	gamma-Chlordane	I 2B	49	14	35	14.86102041	ug/kg	5	ug/kg	N	Y	0.336450652
BISTC03	BAYD4C0302	Blue crab	Shellfish	gamma-Chlordane	I 2B	67	19	48	14.17701493	ug/kg	5	ug/kg	N	Y	0.352683553
BISTC05	BAYD4C0502	Blue crab	Shellfish	gamma-Chlordane	I 2B	86	23	63	15.71534884	ug/kg	15	ug/kg	Y	Y	0.954480881
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	gamma-Chlordane	I 2B	70	16	54	11.891	ug/kg	3	ug/kg	N	Y	0.252291649
BISTC01	BAYD4C0101	Blue crab	Shellfish	Heptachlor	I 2B	43	7	36	17.34069767	ug/kg	5	ug/kg	N	Y	0.288339033
BISTC01	BAYD4C0103	Blue crab	Shellfish	Heptachlor	I 2B	43	7	36	17.34069767	ug/kg	5	ug/kg	N	Y	0.288339033
BISTC02	BAYD4C0201	Blue crab	Shellfish	Heptachlor	I 2B	49	8	41	16.06122449	ug/kg	5	ug/kg	N	Y	0.311308767
BISTC02	BAYD4C0203	Blue crab	Shellfish	Heptachlor	I 2B	49	8	41	16.06122449	ug/kg	5	ug/kg	N	Y	0.311308767
BISTC02	BAYD4C0205	Blue crab	Shellfish	Heptachlor	I 2B	49	8	41	16.06122449	ug/kg	5	ug/kg	N	Y	0.311308767
BISTC03	BAYD4C0302	Blue crab	Shellfish	Heptachlor	I 2B	67	9	58	15.01940299	ug/kg	5	ug/kg	N	Y	0.332902713
BISTC05	BAYD4C0502	Blue crab	Shellfish	Heptachlor	I 2B	86	8	78	13.59302326	ug/kg	5	ug/kg	N	Y	0.367835757
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Heptachlor	I 2B	70	5	65	8.756428571	ug/kg	0.68	ug/kg	Y	Y	0.077657231
BISTC01	BAYD4C0101	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	43	3	40	8.86627907	ug/kg	5	ug/kg	N	Y	0.563934426
BISTC01	BAYD4C0103	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	43	3	40	8.86627907	ug/kg	5	ug/kg	N	Y	0.563934426
BISTC02	BAYD4C0201	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	49	3	46	8.664285714	ug/kg	5	ug/kg	N	Y	0.577081616
BISTC02	BAYD4C0203	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	49	3	46	8.664285714	ug/kg	5	ug/kg	N	Y	0.577081616
BISTC02	BAYD4C0205	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	49	3	46	8.664285714	ug/kg	5	ug/kg	N	Y	0.577081616
BISTC03	BAYD4C0302	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	67	4	63	9.404477612	ug/kg	5	ug/kg	N	Y	0.531661641
BISTC05	BAYD4C0502	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	86	5	81	13.36616279	ug/kg	5	ug/kg	N	Y	0.374078939
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Heptachlor Epoxide	I 2B	70	3	67	12.052	ug/kg	11	ug/kg	N	Y	0.912711583
BISTC01	BAYD4C0101	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	74	7	67	585.1216216	ug/kg	20	ug/kg	N	Y	0.034180928
BISTC01	BAYD4C0103	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	74	7	67	585.1216216	ug/kg	20	ug/kg	N	Y	0.034180928
BISTC02	BAYD4C0201	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	82	8	74	575.7682927	ug/kg	20	ug/kg	N	Y	0.034736196
BISTC02	BAYD4C0203	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	82	8	74	575.7682927	ug/kg	20	ug/kg	N	Y	0.034736196
BISTC02	BAYD4C0205	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	82	8	74	575.7682927	ug/kg	20	ug/kg	N	Y	0.034736196
BISTC03	BAYD4C0302	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	112	10	102	1621.633929	ug/kg	20	ug/kg	N	Y	0.01233324
BISTC05	BAYD4C0502	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	120	13	107	1507.6625	ug/kg	20	ug/kg	N	Y	0.013265568
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Hexachloro-1,3-butadiene	I 2B	83	8	75	527.8373494	ug/kg	1000	ug/kg	N	Y	1.894523002
BISTC01	BAYD4C0101	Blue crab	Shellfish	Hexachlorobenzene	I 2B	71	12	59	1103.521127	ug/kg	20	ug/kg	N	Y	0.018123803
BISTC01	BAYD4C0103	Blue crab	Shellfish	Hexachlorobenzene	I 2B	71	12	59	1103.521127	ug/kg	26	ug/kg	Y	Y	0.023560944
BISTC02	BAYD4C0201	Blue crab	Shellfish	Hexachlorobenzene	I 2B	79	14	65	1046.126582	ug/kg	28	ug/kg	Y	Y	0.026765403
BISTC02	BAYD4C0203	Blue crab	Shellfish	Hexachlorobenzene	I 2B	79	14	65	1046.126582	ug/kg	20	ug/kg	N	Y	0.019118145
BISTC02	BAYD4C0205	Blue crab	Shellfish	Hexachlorobenzene	I 2B	79	14	65	1046.126582	ug/kg	20	ug/kg	N	Y	0.019118145
BISTC03	BAYD4C0302	Blue crab	Shellfish	Hexachlorobenzene	I 2B	109	17	92	1970.908257	ug/kg	20	ug/kg	N	Y	0.010147606
BISTC05	BAYD4C0502	Blue crab	Shellfish	Hexachlorobenzene	I 2B	117	18	99	1872.269231	ug/kg	20	ug/kg	Y	Y	0.010682224
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Hexachlorobenzene	I 2B	83	12	71	652.1746988	ug/kg	1000	ug/kg	N	Y	1.533331486
BISTC01	BAYD4C0101	Blue crab	Shellfish	Hexachloroethane	I 2B	71	0	71	573.7042254	ug/kg	20	ug/kg	N	Y	0.034861169
BISTC01	BAYD4C0103	Blue crab	Shellfish	Hexachloroethane	I 2B	71	0	71	573.7042254	ug/kg	20	ug/kg	N	Y	0.034861169
BISTC02	BAYD4C0201	Blue crab	Shellfish	Hexachloroethane	I 2B	79	0	79	565.9746835	ug/kg	20	ug/kg	N	Y	0.03533727
BISTC02	BAYD4C0203	Blue crab	Shellfish	Hexachloroethane	I 2B	79	0	79	565.9746835	ug/kg	20	ug/kg	N	Y	0.03533727
BISTC02	BAYD4C0205	Blue crab	Shellfish	Hexachloroethane	I 2B	79	0	79	565.9746835	ug/kg	20	ug/kg	N	Y	0.03533727
BISTC03	BAYD4C0302	Blue crab	Shellfish	Hexachloroethane	I 2B	109	0	109	1637.311927	ug/kg	20	ug/kg	N	Y	0.012215143
BISTC05	BAYD4C0502	Blue crab	Shellfish	Hexachloroethane	I 2B	117	0	117	1512.337607	ug/kg	20	ug/kg	N	Y	0.01322456
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Hexachloroethane	I 2B	83	0	83	516.4819277	ug/kg	1000	ug/kg	N	Y	1.936176169
BISTC01	BAYD4C0101	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	68	8	60	586.85	ug/kg	20	ug/kg	N	Y	0.034080259
BISTC01	BAYD4C0103	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	68	8	60	586.85	ug/kg	20	ug/kg	N	Y	0.034080259
BISTC02	BAYD4C0201	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	75	8	67	584.4773333	ug/kg	20	ug/kg	N	Y	0.034218607
BISTC02	BAYD4C0203	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	75	8	67	584.4773333	ug/kg	20	ug/kg	N	Y	0.034218607
BISTC02	BAYD4C0205	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	75	8	67	584.4773333	ug/kg	20	ug/kg	N	Y	0.034218607
BISTC03	BAYD4C0302	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	105	11	94	1741.188571	ug/kg	20	ug/kg	N	Y	0.011486407
BISTC05	BAYD4C0502	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	110	13	97	1654.607273	ug/kg	20	ug/kg	N	Y	0.01208746
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Indeno(1,2,3-cd)pyrene	I 2B	76	6	70	563.1828947	ug/kg	1000	ug/kg	N	Y	1.77562211
BISTC01	BAYD4C0101	Blue crab	Shellfish	Lead	I 2B	69	66	3	53.06594203	mg/kg	0.14	mg/kg	Y	Y	0.002638227
BISTC01	BAYD4C0103	Blue crab	Shellfish	Lead	I 2B	69	66	3	53.06594203	mg/kg	0.05	mg/kg	Y	Y	0.000942224

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								Sediment Samples					Tissue Sample			
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC02	BAYD4C0201	Blue crab	Shellfish	Lead	I 2B	77	74	3	54.52402597	mg/kg	0.01	mg/kg	N	Y	0.000183405
BISTC02	BAYD4C0203	Blue crab	Shellfish	Lead	I 2B	77	74	3	54.52402597	mg/kg	0.01	mg/kg	N	Y	0.000183405
BISTC02	BAYD4C0205	Blue crab	Shellfish	Lead	I 2B	77	74	3	54.52402597	mg/kg	0.12	mg/kg	Y	Y	0.002200865
BISTC03	BAYD4C0302	Blue crab	Shellfish	Lead	I 2B	105	102	3	84.1347619	mg/kg	0.01	mg/kg	N	Y	0.000118857
BISTC05	BAYD4C0502	Blue crab	Shellfish	Lead	I 2B	113	104	9	81.12699115	mg/kg	0.07	mg/kg	Y	Y	0.000862845
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Lead	I 2B	81	72	9	66.78580247	mg/kg	0.67	mg/kg	Y	Y	0.010032072
BISTC01	BAYD4C0101	Blue crab	Shellfish	Mercury	I 2B	69	53	16	1.379521739	mg/kg	0.228	mg/kg	Y	Y	0.16527467
BISTC01	BAYD4C0103	Blue crab	Shellfish	Mercury	I 2B	69	53	16	1.379521739	mg/kg	0.165	mg/kg	Y	Y	0.119606669
BISTC02	BAYD4C0201	Blue crab	Shellfish	Mercury	I 2B	77	61	16	1.507	mg/kg	0.302	mg/kg	Y	Y	0.200398142
BISTC02	BAYD4C0203	Blue crab	Shellfish	Mercury	I 2B	77	61	16	1.507	mg/kg	0.296	mg/kg	Y	Y	0.196416722
BISTC02	BAYD4C0205	Blue crab	Shellfish	Mercury	I 2B	77	61	16	1.507	mg/kg	0.09	mg/kg	Y	Y	0.059721301
BISTC03	BAYD4C0302	Blue crab	Shellfish	Mercury	I 2B	105	89	16	2.018466667	mg/kg	0.078	mg/kg	Y	Y	0.038643195
BISTC05	BAYD4C0502	Blue crab	Shellfish	Mercury	I 2B	113	108	5	3.383221239	mg/kg	0.07	mg/kg	Y	Y	0.020690341
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Mercury	I 2B	81	80	1	3.359765432	mg/kg	0.064	mg/kg	Y	Y	0.019048949
BISTC01	BAYD4C0101	Blue crab	Shellfish	Methoxychlor	I 2B	43	0	43	37.12546512	ug/kg	5	ug/kg	N	Y	0.134678447
BISTC01	BAYD4C0103	Blue crab	Shellfish	Methoxychlor	I 2B	43	0	43	37.12546512	ug/kg	5	ug/kg	N	Y	0.134678447
BISTC02	BAYD4C0201	Blue crab	Shellfish	Methoxychlor	I 2B	49	0	49	38.88459184	ug/kg	5	ug/kg	N	Y	0.128585637
BISTC02	BAYD4C0203	Blue crab	Shellfish	Methoxychlor	I 2B	49	0	49	38.88459184	ug/kg	5	ug/kg	N	Y	0.128585637
BISTC02	BAYD4C0205	Blue crab	Shellfish	Methoxychlor	I 2B	49	0	49	38.88459184	ug/kg	5	ug/kg	N	Y	0.128585637
BISTC03	BAYD4C0302	Blue crab	Shellfish	Methoxychlor	I 2B	67	3	64	48.1588806	ug/kg	5	ug/kg	N	Y	0.103823011
BISTC05	BAYD4C0502	Blue crab	Shellfish	Methoxychlor	I 2B	86	4	82	43.08773256	ug/kg	5	ug/kg	N	Y	0.11604231
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Methoxychlor	I 2B	70	1	69	33.24071429	ug/kg	5.5	ug/kg	N	Y	0.165459742
BISTC01	BAYD4C0101	Blue crab	Shellfish	Nickel	I 2B	69	68	1	17.18782609	mg/kg	0.07	mg/kg	Y	Y	0.00407265
BISTC01	BAYD4C0103	Blue crab	Shellfish	Nickel	I 2B	69	68	1	17.18782609	mg/kg	0.21	mg/kg	Y	Y	0.01221795
BISTC02	BAYD4C0201	Blue crab	Shellfish	Nickel	I 2B	77	76	1	18.2787013	mg/kg	0.1	mg/kg	Y	Y	0.005470848
BISTC02	BAYD4C0203	Blue crab	Shellfish	Nickel	I 2B	77	76	1	18.2787013	mg/kg	0.11	mg/kg	Y	Y	0.006017933
BISTC02	BAYD4C0205	Blue crab	Shellfish	Nickel	I 2B	77	76	1	18.2787013	mg/kg	0.07	mg/kg	Y	Y	0.003829594
BISTC03	BAYD4C0302	Blue crab	Shellfish	Nickel	I 2B	105	104	1	22.59295238	mg/kg	0.09	mg/kg	Y	Y	0.003983543
BISTC05	BAYD4C0502	Blue crab	Shellfish	Nickel	I 2B	113	105	8	25.91566372	mg/kg	0.12	mg/kg	Y	Y	0.004630404
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Nickel	I 2B	81	71	10	24.04345679	mg/kg	2	mg/kg	N	Y	0.083182714
BISTC01	BAYD4C0101	Blue crab	Shellfish	OCDD	I 2B	22	22	0	3752.272727	ng/kg	1.89	ng/kg	Y	Y	0.000503695
BISTC01	BAYD4C0103	Blue crab	Shellfish	OCDD	I 2B	22	22	0	3752.272727	ng/kg	3.03	ng/kg	Y	Y	0.000807511
BISTC02	BAYD4C0203	Blue crab	Shellfish	OCDD	I 2B	26	26	0	3778.846154	ng/kg	1.74	ng/kg	Y	Y	0.000460458
BISTC01	BAYD4C0101	Blue crab	Shellfish	OCDF	I 2B	22	21	1	23525.74091	ng/kg	0.955	ng/kg	N	Y	4.05938E-05
BISTC01	BAYD4C0103	Blue crab	Shellfish	OCDF	I 2B	22	21	1	23525.74091	ng/kg	0.8	ng/kg	N	Y	3.40053E-05
BISTC02	BAYD4C0203	Blue crab	Shellfish	OCDF	I 2B	26	25	1	20431.28077	ng/kg	0.725	ng/kg	N	Y	3.54848E-05
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-105	I 2B	16	16	0	3975.91375	ng/kg	9920	ng/kg	Y	Y	2.495023943
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-105	I 2B	16	16	0	3975.91375	ng/kg	12100	ng/kg	Y	Y	3.043325575
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-105	I 2B	19	19	0	4667.137895	ng/kg	8640	ng/kg	Y	Y	1.851241638
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-114	I 2B	16	15	1	929.7398125	ng/kg	788	ng/kg	Y	Y	0.847548948
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-114	I 2B	16	15	1	929.7398125	ng/kg	922	ng/kg	Y	Y	0.991675292
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-114	I 2B	19	18	1	1173.938789	ng/kg	765	ng/kg	Y	Y	0.651652375
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-118	I 2B	4	4	0	18760	ng/kg	42400	ng/kg	Y	Y	2.260127932
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-118	I 2B	4	4	0	18760	ng/kg	49100	ng/kg	Y	Y	2.617270789
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-118	I 2B	5	5	0	19588	ng/kg	39100	ng/kg	Y	Y	1.996120074
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-126	I 2B	16	14	2	203.85	ng/kg	304	ng/kg	Y	Y	1.491292617
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-126	I 2B	16	14	2	203.85	ng/kg	287	ng/kg	Y	Y	1.407897964
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-126	I 2B	19	17	2	223.1052632	ng/kg	223	ng/kg	Y	Y	0.999528191
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-156	I 2B	16	16	0	2987.570625	ng/kg	4580	ng/kg	Y	Y	1.533018152
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-156	I 2B	16	16	0	2987.570625	ng/kg	5530	ng/kg	Y	Y	1.851002267
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-156	I 2B	19	19	0	3454.427895	ng/kg	4770	ng/kg	Y	Y	1.380836464
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-157	I 2B	16	15	1	781.9628125	ng/kg	1250	ng/kg	Y	Y	1.598541491
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-157	I 2B	16	15	1	781.9628125	ng/kg	1570	ng/kg	Y	Y	2.007768112
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-157	I 2B	19	18	1	880.9160526	ng/kg	1270	ng/kg	Y	Y	1.441681073

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-167	I 2B	16	16	0	2445.978125	ng/kg	3160	ng/kg	Y	Y	1.291916705
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-167	I 2B	16	16	0	2445.978125	ng/kg	3930	ng/kg	Y	Y	1.606719193
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-167	I 2B	19	19	0	2816.034211	ng/kg	3370	ng/kg	Y	Y	1.196718416
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-169	I 2B	16	7	9	73.2575	ng/kg	9.95	ng/kg	N	Y	0.135822271
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-169	I 2B	16	7	9	73.2575	ng/kg	25.4	ng/kg	Y	Y	0.346722179
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-169	I 2B	19	9	10	74.61052632	ng/kg	23.1	ng/kg	Y	Y	0.309607788
BISTC01	BAYD4C0101	Blue crab	Shellfish	PCB-189	I 2B	16	16	0	1430.78125	ng/kg	437	ng/kg	Y	Y	0.305427542
BISTC01	BAYD4C0103	Blue crab	Shellfish	PCB-189	I 2B	16	16	0	1430.78125	ng/kg	551	ng/kg	Y	Y	0.385104292
BISTC02	BAYD4C0203	Blue crab	Shellfish	PCB-189	I 2B	19	19	0	1643.131579	ng/kg	418	ng/kg	Y	Y	0.254392287
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Pentachlorophenol	I 2B	71	0	71	1492.887324	ug/kg	5000	ug/kg	N	Y	3.349214586
BISTC01	BAYD4C0101	Blue crab	Shellfish	Phenanthrene	I 2B	68	10	58	631.5720588	ug/kg	20	ug/kg	N	Y	0.031667012
BISTC01	BAYD4C0103	Blue crab	Shellfish	Phenanthrene	I 2B	68	10	58	631.5720588	ug/kg	20	ug/kg	N	Y	0.031667012
BISTC02	BAYD4C0201	Blue crab	Shellfish	Phenanthrene	I 2B	76	11	65	617.5197368	ug/kg	20	ug/kg	N	Y	0.032387629
BISTC02	BAYD4C0203	Blue crab	Shellfish	Phenanthrene	I 2B	76	11	65	617.5197368	ug/kg	20	ug/kg	N	Y	0.032387629
BISTC02	BAYD4C0205	Blue crab	Shellfish	Phenanthrene	I 2B	76	11	65	617.5197368	ug/kg	20	ug/kg	N	Y	0.032387629
BISTC03	BAYD4C0302	Blue crab	Shellfish	Phenanthrene	I 2B	106	16	90	1631.84434	ug/kg	20	ug/kg	N	Y	0.012256071
BISTC05	BAYD4C0502	Blue crab	Shellfish	Phenanthrene	I 2B	115	22	93	1487.588696	ug/kg	20	ug/kg	N	Y	0.013444576
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Phenanthrene	I 2B	81	11	70	546.4654321	ug/kg	1000	ug/kg	N	Y	1.829941916
BISTC01	BAYD4C0101	Blue crab	Shellfish	Pyrene	I 2B	69	21	48	633.3623188	ug/kg	20	ug/kg	N	Y	0.031577502
BISTC01	BAYD4C0103	Blue crab	Shellfish	Pyrene	I 2B	69	21	48	633.3623188	ug/kg	20	ug/kg	N	Y	0.031577502
BISTC02	BAYD4C0201	Blue crab	Shellfish	Pyrene	I 2B	77	24	53	613.6493506	ug/kg	20	ug/kg	N	Y	0.032591903
BISTC02	BAYD4C0203	Blue crab	Shellfish	Pyrene	I 2B	77	24	53	613.6493506	ug/kg	20	ug/kg	N	Y	0.032591903
BISTC02	BAYD4C0205	Blue crab	Shellfish	Pyrene	I 2B	77	24	53	613.6493506	ug/kg	20	ug/kg	N	Y	0.032591903
BISTC03	BAYD4C0302	Blue crab	Shellfish	Pyrene	I 2B	107	31	76	1866.691589	ug/kg	20	ug/kg	N	Y	0.010714143
BISTC05	BAYD4C0502	Blue crab	Shellfish	Pyrene	I 2B	116	41	75	1735.878448	ug/kg	20	ug/kg	N	Y	0.011521544
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Pyrene	I 2B	82	27	55	557.8402439	ug/kg	1000	ug/kg	N	Y	1.792627927
BISTC01	BAYD4C0101	Blue crab	Shellfish	Selenium	I 2B	61	11	50	1.104180328	mg/kg	0.61	mg/kg	Y	Y	0.552445995
BISTC01	BAYD4C0103	Blue crab	Shellfish	Selenium	I 2B	61	11	50	1.104180328	mg/kg	0.87	mg/kg	Y	Y	0.78791478
BISTC02	BAYD4C0201	Blue crab	Shellfish	Selenium	I 2B	68	13	55	1.088676471	mg/kg	0.81	mg/kg	Y	Y	0.744022694
BISTC02	BAYD4C0203	Blue crab	Shellfish	Selenium	I 2B	68	13	55	1.088676471	mg/kg	0.79	mg/kg	Y	Y	0.725651763
BISTC02	BAYD4C0205	Blue crab	Shellfish	Selenium	I 2B	68	13	55	1.088676471	mg/kg	0.51	mg/kg	Y	Y	0.468458733
BISTC03	BAYD4C0302	Blue crab	Shellfish	Selenium	I 2B	93	17	76	1.070215054	mg/kg	0.36	mg/kg	Y	Y	0.336380991
BISTC05	BAYD4C0502	Blue crab	Shellfish	Selenium	I 2B	95	27	68	1.115894737	mg/kg	0.49	mg/kg	Y	Y	0.439109518
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Selenium	I 2B	69	16	53	1.151811594	mg/kg	0.89	mg/kg	Y	Y	0.772695816
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	43	16	27	25.62046512	ug/kg	10	ug/kg	N	Y	0.390312977
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	43	16	27	25.62046512	ug/kg	10	ug/kg	N	Y	0.390312977
BISTC02	BAYD4C0201	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	49	19	30	23.79571429	ug/kg	10	ug/kg	N	Y	0.420243741
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	49	19	30	23.79571429	ug/kg	10	ug/kg	N	Y	0.420243741
BISTC02	BAYD4C0205	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	49	19	30	23.79571429	ug/kg	10	ug/kg	N	Y	0.420243741
BISTC03	BAYD4C0302	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	67	26	41	23.83223881	ug/kg	10	ug/kg	N	Y	0.419599689
BISTC05	BAYD4C0502	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	86	32	54	30.19976744	ug/kg	20	ug/kg	Y	Y	0.662256755
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Total Chlordane (U=1/2; max ND)	I 2B	71	24	47	25.21014085	ug/kg	4.9	ug/kg	Y	Y	0.194366229
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	43	16	27	32.51186047	ug/kg	67	ug/kg	Y	Y	2.060786404
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	43	16	27	32.51186047	ug/kg	73	ug/kg	Y	Y	2.24533444
BISTC02	BAYD4C0201	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	49	18	31	31.59408163	ug/kg	10	ug/kg	N	Y	0.316514976
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	49	18	31	31.59408163	ug/kg	10	ug/kg	N	Y	0.316514976
BISTC02	BAYD4C0205	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	49	18	31	31.59408163	ug/kg	10	ug/kg	N	Y	0.316514976
BISTC03	BAYD4C0302	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	67	26	41	34.92522388	ug/kg	10	ug/kg	N	Y	0.28632601
BISTC05	BAYD4C0502	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	87	42	45	44.20103448	ug/kg	64	ug/kg	Y	Y	1.447929913
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Total DDT (U=1/2; max ND)	I 2B	72	36	36	38.24875	ug/kg	8.1	ug/kg	Y	Y	0.211771627
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 2B	10	10	0	161.727105	ng/kg	16.1327285	ng/kg	Y	Y	0.099752781
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 2B	10	10	0	161.727105	ng/kg	19.141039	ng/kg	Y	Y	0.118353933
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	I 2B	12	12	0	157.6673458	ng/kg	15.4177895	ng/kg	Y	Y	0.097786827
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	69	22	47	2181.872464	ug/kg	40	ug/kg	N	Y	0.018332877

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						Sediment Samples					Tissue Sample				
Location	Sample ID	Species	Specimen Type	Chemical	Prey Group	N	Detects	Non-detects	Average	Units	Result	Units	Detect	Whole Body	BSAF
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	69	22	47	2181.872464	ug/kg	40	ug/kg	N	Y	0.018332877
BISTC02	BAYD4C0201	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	77	25	52	2131.693506	ug/kg	40	ug/kg	N	Y	0.018764424
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	77	25	52	2131.693506	ug/kg	40	ug/kg	N	Y	0.018764424
BISTC02	BAYD4C0205	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	77	25	52	2131.693506	ug/kg	40	ug/kg	N	Y	0.018764424
BISTC03	BAYD4C0302	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	107	35	72	5732.37757	ug/kg	40	ug/kg	N	Y	0.006977907
BISTC05	BAYD4C0502	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	116	46	70	5479.026724	ug/kg	40	ug/kg	N	Y	0.007300567
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Total HPAH (U=1/2; max ND)	I 2B	82	29	53	2111.043902	ug/kg	2000	ug/kg	N	Y	0.947398582
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	71	13	58	1449.807042	ug/kg	40	ug/kg	N	Y	0.027589878
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	71	13	58	1449.807042	ug/kg	40	ug/kg	N	Y	0.027589878
BISTC02	BAYD4C0201	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	79	15	64	1431.289873	ug/kg	40	ug/kg	N	Y	0.02794682
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	79	15	64	1431.289873	ug/kg	40	ug/kg	N	Y	0.02794682
BISTC02	BAYD4C0205	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	79	15	64	1431.289873	ug/kg	40	ug/kg	N	Y	0.02794682
BISTC03	BAYD4C0302	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	109	20	89	9567.184404	ug/kg	40	ug/kg	N	Y	0.004180958
BISTC05	BAYD4C0502	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	117	26	91	8865.228205	ug/kg	40	ug/kg	N	Y	0.00451201
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Total LPAH (U=1/2; max ND)	I 2B	83	14	69	1213.801205	ug/kg	2000	ug/kg	N	Y	1.647716275
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	71	22	49	2945.288732	ug/kg	40	ug/kg	N	Y	0.013581011
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	71	22	49	2945.288732	ug/kg	40	ug/kg	N	Y	0.013581011
BISTC02	BAYD4C0201	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	79	25	54	2918.636709	ug/kg	40	ug/kg	N	Y	0.013705029
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	79	25	54	2918.636709	ug/kg	40	ug/kg	N	Y	0.013705029
BISTC02	BAYD4C0205	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	79	25	54	2918.636709	ug/kg	40	ug/kg	N	Y	0.013705029
BISTC03	BAYD4C0302	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	109	37	72	21905.38991	ug/kg	40	ug/kg	N	Y	0.001826035
BISTC05	BAYD4C0502	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	117	48	69	20716.1735	ug/kg	40	ug/kg	N	Y	0.001930859
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Total PAH (U=1/2; max ND)	I 2B	83	29	54	2984.151807	ug/kg	2000	ug/kg	N	Y	0.670207191
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 2B	16	16	0	463488.9375	ng/kg	87.1	ug/kg	Y	Y	0.000187923
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 2B	16	16	0	463488.9375	ng/kg	105	ug/kg	Y	Y	0.000226543
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total PCB Cong-209 (U=0, max RL)	I 2B	19	19	0	561033.8421	ng/kg	82.4	ug/kg	Y	Y	0.000146872
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total PCB Congs (U=1/2; max ND)	I 2B	4	4	0	100008	ng/kg	87110.65	ng/kg	Y	Y	0.871036817
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total PCB Congs (U=1/2; max ND)	I 2B	4	4	0	100008	ng/kg	105352.1	ng/kg	Y	Y	1.053436725
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total PCB Congs (U=1/2; max ND)	I 2B	5	5	0	92872.412	ng/kg	82408.4	ng/kg	Y	Y	0.887329167
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	43	12	31	143.0674419	ug/kg	150	ug/kg	Y	Y	1.048456574
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	43	12	31	143.0674419	ug/kg	330	ug/kg	Y	Y	2.306604464
BISTC02	BAYD4C0201	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	49	16	33	149.8755102	ug/kg	110	ug/kg	Y	Y	0.733942456
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	49	16	33	149.8755102	ug/kg	220	ug/kg	Y	Y	1.467884911
BISTC02	BAYD4C0205	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	49	16	33	149.8755102	ug/kg	190	ug/kg	Y	Y	1.267718787
BISTC03	BAYD4C0302	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	67	17	50	190.9164179	ug/kg	13	ug/kg	Y	Y	0.068092625
BISTC05	BAYD4C0502	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	87	34	53	171.2298851	ug/kg	96	ug/kg	Y	Y	0.560649795
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Total PCBs (U=0, max RL)	I 2B	72	36	36	143.8472222	ug/kg	50	ug/kg	N	Y	0.347591001
BISTC01	BAYD4C0101	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	43	12	31	332.8930233	ug/kg	180	ug/kg	Y	Y	0.540714246
BISTC01	BAYD4C0103	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	43	12	31	332.8930233	ug/kg	360	ug/kg	Y	Y	1.081428492
BISTC02	BAYD4C0201	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	49	16	33	360.7836735	ug/kg	140	ug/kg	Y	Y	0.388044167
BISTC02	BAYD4C0203	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	49	16	33	360.7836735	ug/kg	250	ug/kg	Y	Y	0.692936012
BISTC02	BAYD4C0205	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	49	16	33	360.7836735	ug/kg	220	ug/kg	Y	Y	0.609783691
BISTC03	BAYD4C0302	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	67	17	50	432.1402985	ug/kg	43	ug/kg	Y	Y	0.099504721
BISTC05	BAYD4C0502	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	87	34	53	432.8275862	ug/kg	126	ug/kg	Y	Y	0.291108987
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Total PCBs (U=1/2; max ND)	I 2B	72	36	36	396.6736111	ug/kg	100	ug/kg	N	Y	0.252096427
BISTC01	BAYD4C0101	Blue crab	Shellfish	Zinc	I 2B	69	67	2	91.21014493	mg/kg	36.2	mg/kg	Y	Y	0.396885676
BISTC01	BAYD4C0103	Blue crab	Shellfish	Zinc	I 2B	69	67	2	91.21014493	mg/kg	30.3	mg/kg	Y	Y	0.332199889
BISTC02	BAYD4C0201	Blue crab	Shellfish	Zinc	I 2B	77	75	2	97.73116883	mg/kg	32	mg/kg	Y	Y	0.327428807
BISTC02	BAYD4C0203	Blue crab	Shellfish	Zinc	I 2B	77	75	2	97.73116883	mg/kg	28.6	mg/kg	Y	Y	0.292639496
BISTC02	BAYD4C0205	Blue crab	Shellfish	Zinc	I 2B	77	75	2	97.73116883	mg/kg	35.2	mg/kg	Y	Y	0.360171688
BISTC03	BAYD4C0302	Blue crab	Shellfish	Zinc	I 2B	105	102	3	121.8933333	mg/kg	28.1	mg/kg	Y	Y	0.230529425
BISTC05	BAYD4C0502	Blue crab	Shellfish	Zinc	I 2B	113	107	6	154.5185841	mg/kg	33.1	mg/kg	Y	Y	0.214213715
ECOBI002	00ECO-002-BC1-BI01	Blue crab	Shellfish	Zinc	I 2B	81	74	7	164.7061728	mg/kg	22.2	mg/kg	Y	Y	0.134785477

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Section 7
Bayou d'Inde – Nature and Extent

This section describes the nature and extent investigation of the Bayou d'Inde AOC. Section 7.1 reviews the reaches and energy areas within Bayou d'Inde. Historical activities, including industrial development, permitted discharges; accidental spills and releases are discussed in Section 7.2. An overview of the data analysis and interpretation is provided in Section 7.3. Physical characteristics of the bayou are presented in Section 7.4. Presentation of the data from Bayou d'Inde RI is provided in Section 7.5 (bayou energy system) and 7.6 (marsh energy system), including the results of the PCA as well as the summary statistics of the COPCs. Section 7. 7 presents the summary and conclusions for Bayou d'Inde.

7.1 Introduction

Bayou d'Inde is approximately 15 km long. It is located in the northern portion of the Calcasieu Estuary, west of the city of Lake Charles, Louisiana (Figure 2-2). Bayou d'Inde's headwaters originate in the western part of Sulfur, Louisiana and flow primarily east-southeast through heavy commercial and industrialized areas before emptying into the ship channel southwest of Coon Island.

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Bayou d'Inde flows through the low-lying marsh area called Lockport Marsh, located at the confluence of Bayou d'Inde and the Calcasieu River Ship Channel. Lockport Marsh covers an area of approximately 1.2 km^2. The middle section of Bayou d'Inde; between the PPG Canal and state highway LA-108, also contains several small, interconnected, low-lying marsh areas.

7.1.1 Physical Setting

Bayou d'Inde is a major tributary of the Calcasieu River (Curry et al et al 1997). The bayou, which originates near the I-10 Bridge in Sulphur, has a drainage area of over 4 km^2 (PRC 1993). Several smaller tributaries, the largest of which is Maple Fork Bayou, located between the PPG Canal and LA-108, join Bayou d'Inde. The second identifiable fork is the Little Bayou d'Inde, located to the west of LA-108 (Figure 7-1).

The surface elevation in the area of the bayou averages about 3.1 m above MSL. The area surrounding Bayou d'Inde is located within the 100-year flood plain of the Calcasieu River Basin (Figure 2-6).

According to the USFWS National Wetland Inventory Map, Bayou d'Inde is a perennial riverine system. The upper portion of Bayou d'Inde from the headwaters to the confluence of Little Bayou d'Inde has water depths ranging from 1.2 to 2.1 m. From Little Bayou d'Inde to LA-108, the bayou has water depths ranging from 2 to 4 m. The geometry of lower Bayou d'Inde is wide and deep, ranging from 24 to 46 m wide and 2.5 to 5 m deep. Depth is greatest from the ship channel to LA-108 where the bayou has historically been dredged to accommodate barge traffic. Dredging of

the lower portions of the bayou has removed natural subsurface barriers that dampen tidal influence, increasing upstream salinity encroachment.

Lockport Marsh is a low-lying, intermediate to brackish marsh area with water depths generally less than 1 m. Lockport Marsh is inundated with overbank flow [during periods of high water] from PPG Canal to the west, Bayou d'Inde from the south, and the ship channel to the east.

Bayou d'Inde headwaters are typically fresh. These waters mix with intermediate to saline water from the ship channel in lower sections (Reaches 1, 2, and 3) of the bayou. The majority of the bayou is subjected to tidal surge, storm surge, salinity effects and turbulence due to barge traffic. Significant bottom scouring (flood tide currents) during periods of salt-wedge salinity stratification have been noted in the deeper portions of the estuary and is assumed to be similar in Bayou d'Inde. Salinity can vary significantly and is dependant upon season, rainfall, tide, recent storm surge, winds, and other conditions.

7.1.2 Energy Systems and Reaches

Bayou d'Inde contains two energy systems; bayou and marsh (Figure 7-1). Distinguishing physical and chemical features of the energy systems are described in detail in Section 3.3.

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The energy systems are further subdivided into reaches; numbered reaches for the bayou and unnumbered for the marsh, as described below. The reaches are created based on recognizable features such as similarity of geometry, location of outfalls, major abutments (bridges) that can affect flow or salinity, and changes in land use. Each reach is distinct and will be discussed in terms of flow, salinity, sediment characteristics, and contaminants.

The bayou system is divided into four reaches (Figure 7-1):

- **Reach 1:** the dredged bayou segment from the PPG Canal to the ship channel;
- **Reach 2:** the segment from LA-108 to the PPG Canal;
- **Reach 3:** the segment of Bayou d'Inde from the confluence of Little Bayou d'Inde and the highway LA-108 bridge; and
- **Reach 4:** the upper rural residential area from the headwaters to the confluence with Little Bayou d'Inde.

The marsh system consists of two primary marsh areas;

- a series of small intermediate marshes along the banks of middle Bayou d'Inde near the confluence of Maple Fork Bayou; and

- the more saline Lockport Marsh located at the confluence of Bayou d'Inde and the ship channel.

In summary, Bayou d'Inde in Reaches 2 through 4 is a net sediment exporter. The marsh areas tend to be sediment sinks, however it appears that not all sediments deposit in the marshes. Dredging of the bayou from the ship channel up to Westlake Polymers dock located at LA-108 has altered the flow and salinity regime in Bayou d'Inde. Surface water and sediment characteristics indicate significant suspended material that appears to mobilize sediments. Several conditions may affect the degree of turbulence and the conditions specific to each area of Bayou d'Inde will be discussed in Section 7.4.

7.2 Industrial Setting and Historical Contamination

This section describes the industrial setting along Bayou d'Inde, including facilities descriptions for those industries that historically or currently discharge to the bayou. In addition, results from previous investigations conducted in Bayou d'Inde are discussed to evaluate if contaminant suites or concentrations have varied over time. This temporal information will be used to support chemical fate and transport discussions.

7.2.1 Industrial Setting

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Land use within the Bayou d'Inde drainage generally consists of industrial manufacturing facilities and commercial shipping. Reaches 1 through 3 are entirely industrial. Reach 4 and areas upstream are rural residential and agricultural. Much of this upper portion of the bayou is vegetated and has not been dredged.

Historical/Current Permitted Dischargers to Bayou d'Inde:
PPG
Citgo
Equistar (formerly OxyChem)
Firestone
Westlake Polymers
CertainTeed Products
Big Three Industries
Jupiter Chemicals

Industries with permitted disposal into Bayou d'Inde under NPDES permits include PPG, Citgo, OxyChem, Firestone, and Westlake Polymers.

Figure 7-2 identifies documented current and historical outfall locations. Spills or permit exceedances that have entered Bayou d'Inde through these outfalls are discussed in Sections 7.2.1.1 through 7.2.1.5. Other documented spills and releases are discussed to complete the contaminant extent and chemical fate discussions in Sections 7.4 and 7.6.

7.2.1.1 PPG

PPG is located along the northern side of Bayou d'Inde and Lockport Marsh, bounded by I-10 to the north, undeveloped land and Bayou D'Inde to the west, Coon Island Loop to the east and Lockport Marsh to the south (Figure 7-2).

Chemical manufacturing activities were initiated at the PPG site in the early 1940s. Magnesium was manufactured at the site until 1947, initially by the U.S. government and subsequently by Matheson Alkali Works. Between 1947 and 1969, chlorine and caustic soda were produced at the site by Alkali Corporation. PPG acquired full ownership of the site in 1968 and has manufactured a wide variety of chlorinated hydrocarbons and precipitated silica since the late 1960s.

PPG Products:
Chlorine
Sodium hydroxide
Hydrochloric acid
1,2- Dichloroethane (syn. EDC)
Vinyl chloride monomer
1,1-Dichloroethene
Ethyl chloride
1,1,1- Trichloroethane
1,1,2-Trichloroethane
Tetrachloroethene
Trichloroethene
Trans-1,2-Dichloroethene

PPG (NPDES Permit No. LA0000761) is authorized to discharge process wastewater through several designated outfalls. PPG discharges to Bayou d'Inde through outfall 001 and to the Calcasieu River (outfalls 002, 003 and 004; not shown). Outfall 001 discharges to the PPG Canal and is the primary effluent route. The PPG Canal originates in the southeast corner of the PPG facility and flows to the southwest to Bayou d'Inde. In 1994, PPG re-routed the most contaminated segment of the canal, and that area was designated RCRA solid waste management unit (SWMU) No. 15. Several of the SWMUs are present in the South Terminal Area. Potential contaminant sources include the former South Terminal Organic Earthen Pond, used from approximately 1962 through 1970; the Organic Pit, used from 1970 through 1974; the System E-Pond used from 1975 through 1982; and the Lead/Mercury Settling Pond, initiated in 1969 and closed in 1983. Release from each of these units is being addressed under RCRA and groundwater recovery systems were initiated in 1984. The PPG Canal received drainage from these units prior to their closure.

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The PPG Canal also receives minor permitted flow from CertainTeed Products, Big Three Industries, Inc. and Jupiter Chemicals. Permitted flows are 0.733 million gallons per day (mgpd), 0.025 mgpd, and 0.160 mgpd, respectively. PPG Canal has a design flow capacity of 223 mgpd, although the average PPG discharge to outfall 001 (in 1997) was approximately 160,000 gpm (Curry et al et al 1997). These three permitted dischargers are small generators with minor compliance exceedances, in terms of Bayou d'Inde contaminants of concern. Based upon potential for impact, they are not considered significant and are not discussed further.

The PPG facility is divided into three primary operating areas that drain to Bayou d'Inde: the Chlor-Alkali plant (Plant A), the Derivatives area (Plant B) and the Chlor-Alkali/Silicas area (Plant C). Two material storage and transfer areas are located onsite: the South Terminal area and the North Dock area. Surface flow and process water from all but the North Dock area flow to the PPG Canal. Several internal sewers and associated outfalls are noted in Table 7-1, outfall 001 is the only outfall that discharges directly to Bayou d'Inde.

Waste was delivered to outfall 001 by PPG's 201 sewer up until 1994. The line originated in Plant C, the Chlor-Alkali/Silicas area, and flowed through Plant B (the Derivatives area) and emptied into a neutralization basin, and then discharged into

the PPG Canal. In 1986 PPG reportedly modified Incinerator 3 to destroy incidentally generated PCBs. It appears that operations transferred to Incinerator 5 in approximately 1988. A TSCA permit for PCB incineration was approved in 1989.

In approximately 1993, the 201 sewer was designated a RCRA SWMU and it was replaced by an above ground piping system. The PPG 101 sewer discharged to outfall 001, contributing chlor-alkali, mercury cell and caustic wastewater from Plant A (Chlor-Alkali). The 101 and 201 sewers discharge are mixed in the neutralization basin before entering the PPG Canal. Available data indicates that the basin was unlined.

The average combined discharge of outfall 001 is approximately 160,000 gpm. This is made up of approximately 7,000 gpm from the 201 sewer; 23,100 gpm from Plant A and the 101 sewer; and an additional 129,000 gpm of once-through cooling water from the Plant A powerhouses. Effluent from the Silicas Ditch enters the PPG Canal further downstream, adding approximately 720 gpm. Each of these sewers and outfalls has been active since 1988 (Curry et al 1997). The outfalls are monitored for TSS, BOD, pH, TOC, total residual chlorine (TRC), total chlorinated hydrocarbons, mercury, copper, and lead and several volatile and semivolatile organic compounds (Curry et al et al 1997).

Compliance records available for active units from January 1979 through October 1998 indicate that several permit violations were reported for PPG. Significant releases include chlorinated hydrocarbons, lead, copper, and mercury. Several documented releases to the PPG Canal (outfall 001) and internal areas draining to the canal were noted in 1985, 1988, 1992, and 1993, however, numerous indeterminate spills (unknown spill amount or undocumented drainage or outfall) were noted from 1979 through 1997. Exhibit 7-1 summarizes the approved discharges to Bayou d'Inde. Enforcement histories for the PPG outfalls are provided in Table 7-1.

Draft

Exhibit 7-1 Approved PPG Discharges into Bayou d'Inde (Curry et al et al 1997)

Outfall	Discharge Area	Approved Discharges
Outfall 001	Bayou d'Inde at the PPG Canal	Surface runoff from the Chlor-Alkali plant (Plant A), the Derivatives area (Plant B) and the Chlor-Alkali/Silicas area (Plant C). The canal also receives surface runoff from the South Terminal area that consists of a landfill, barge dock, and several former unlined hazwaste impoundments.
Outfall 101	PPG Canal	Discharge point for the 101 sewer that receives plant runoff, catch basin effluent, washdown, storage tank overflow, and primary discharge from Plant A (Chlor-Alkali plant) and once-through cooling water from the Plant A Powerhouses.
Outfall 201	PPG Canal	Discharge point for 201 sewer that receives discharge waters from the organic chemical production area in Plant B (the Derivatives area) including the Nos. 1, 2, and 4 incinerator primary scrubbers, the waste treatment unit, the No. 3 primary scrubber unit when an upset condition exists in the acid recovery process, Plant C (Chlor-Alkali facility) and silica Products Plant effluent streams.
Outfall 501	PPG Canal	Discharge point for above ground piping system used as replacement for closed 201 sewers.

The soil and groundwater in the South Terminal and North Dock areas have been impacted from disposal areas, impoundments, accidental spills, and leaking underground transfer pipes (Curry et al et al 1997). Contamination has been found in all water bearing units down to the Chicot Aquifer. The upper three units (10, 20, and 30-foot units) have had a direct hydrologic connection with Bayou d'Inde and may possibly discharge to either the bayou or to the PPG Canal. Significant groundwater recovery systems were operating by 1986 and appear to have locally affected groundwater flow. It should be noted that groundwater contamination is addressed under other State and Federal programs, and therefore are not directly addressed by this RI. However, known contamination is noted because of its historic affect on the sediment and potential impact on surface water in Bayou d'Inde.

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7.2.1.2 Citgo

Citgo currently owns and operates the Lake Charles manufacturing complex. The complex is the eighth largest petroleum refinery in the nation and currently covers 1,600 acres. The facility is located roughly six miles southwest of Lake Charles on the west bank of the ship channel and the south bank of Bayou d'Inde (Figure 7-2). The Citgo property consists of many plant areas and has changed operations and ownership over the years. The following is a brief overview of the Plant history.

Citgo products:
Crude oil
Fuel oils
Naptha
Petroleum coke
Gasolines
Benzene
Methyl-tertiary butyl ethyl
Sulfuric acid
Ethane
Lubrication oils
Natural waxes
Propylene
Butyl rubber

In the early 1940s, the petroleum refinery was constructed by Cities Service Company (Cities) to

produce aviation fuel. Citgo Petroleum was separated from Cities in 1982 and sold to The Southland Corporation and Petrolos de Venezuela S.A; the state owned Oil Company of Venezuela. The Lubricating Plant, located between Bayou d'Inde and Cities built the refinery in 1949. In 1986, Citgo and Conoco became joint owners (Cit-Con) of the Lube Oil Plant, with Citgo holding the discharge permit. Citgo purchased Conoco's interest in Cit-Con in January 2002. The Petrochemical Plant is generally located east of the Lube Oil Plant, and was built in the mid 1950's and operated by Cities through 1982. Cities from the Federal Government acquired a butadiene plant, located east of the Firestone property, in the late 1940's, it is now part of the Petrochemical Division (PCD) Plant purchased by OxyChem in 1985 and operated by Equistar since 1998.

The current Citgo complex is comprised of three manufacturing operations: the refinery, lubricating oil plant, and propylene fractionation unit (PFU) located in the PCD owned/operated by Equistar and leased by Citgo. The Citgo petroleum refinery is wholly owned and operated by Citgo and has the capacity to process 320,000 barrels of crude oil per day, supporting the production of a variety of refined petroleum products. Various compounds are managed on-site including the LPAHs 2-methylnapthalene, naphthalene and phenanthrene. In general, the Lube Oil Plant and PFU currently discharge to Bayou d'Inde. Citgo also managed the Petrochemical Division (PCD) that also discharged to Bayou d'Inde through 1985.

Citgo holds NPDES permit LA0005941 that authorizes discharge to Bayou d'Inde. Exhibit 7-2 summarizes the permitted Citgo outfalls. Enforcement histories for the Citgo outfalls are provided in Table 7-2.

Draft

Exhibit 7-2 Approved Citgo Discharges into Bayou d'Inde (Curry et al 1997)

Outfall	Discharge Area	Approved Discharges
Outfall 001	Bayou d'Inde	Treated process wastewater from the Lube Plant, average flow of 2,250 gpm. Discharge is monitored for phenolic compounds, Cr^{+6}, sulfide, total chromium, total zinc, ammonia, pH, BOD, TOC, TSS, and O&G.
Outfall 002	Bayou d'Inde	Stormwater runoff from the PFU. Discharge is monitored for pH, TOC, total zinc, and O&G. Flow rates are not available.

There are 71 SWMUs within the Citgo refinery area, most of which are associated with wastewater processes and/or stormwater runoff. The only refinery area unit known to discharge to Bayou d'Inde is the West Impoundment. The Lube Plant contains 34 SWMUs, five of which are RCRA units. Four of these SWMUs are of interest as possible sources to Bayou d'Inde (Curry et al 1997).

West Impoundment

This unit is a 670,000 gallon unlined surface impoundment that was active from the late 1960s until 1980. The unit underwent closure-in-place in 1994. The unit was used

to manage phenolics and metals contaminated oily wastes, tank bottom sludges, and slop oil residues. Contaminated soils and groundwater are associated with this unit (Curry et al 1997). It appears that the impoundment discharged to the West Ditch.

Interconnecting Channel and Holding Basins 1 and 2

Holding Basins 1 and 2 and the Interconnecting Channel are unlined surface units with capacities ranging from 4 to 13 million gallons. Wastes managed were primarily refinery sludges, tank farm runoff and steam condensate. Holding Basin 1 and the Interconnecting Channel have been active since 1949 and Holding Basin 2 since 1971. The units were active into 1994. These units discharge to Bayou d'Inde through Citgo outfall 001 and information about ground water near these units is not available (Curry et al 1997).

Neutralization and Retention Basins

The Neutralization Basin and Retention Basin were active from 1972 to 1988, with capacities of 50,000 and 2 million gallons, respectively. Both units were closed in 1992. When active, the Neutralization Basin received wastewater from the Lube Plant's Process Water Runoff Sewer System and discharged to the Retention Basin prior to discharging to Bayou d'Inde, outfall 001 [assumed] (Curry et al 1997).

7.2.1.3 Equistar (formerly OxyChem)

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Occidental Petroleum Corporation (Occidental) purchased the Cities Service Petrochemical Division Plant (PCD) on Bayou d'Inde in 1985. The facility is located along the south side of Bayou d'Inde (Figure 7-2). The facility is bounded on the north by Bayou d'Inde, Westlake Polymers on the east, Firestone on the south, and Citgo on the west.

At the time of the purchase, the facility encompassed about 300 acres and consisted of two ethylene/propylene units (Plant I and the Plant II), which were later modified or expanded. In addition a portion of the plant contained two Polyethylene plants (PE I and II) and in 1987 Occidental sold theses two polyethylene production units to Westlake Polymers. Occidental also leased the ethylene/propylene unit Plant I to Citgo, who subsequently modified the facility into a Propylene Fraction unit (PFU). Occidental currently operates one ethylene/propylene unit (Plant II) also known as the Olefins Plant No. 1, through OxyChem Petrochemicals (OxyChem). The plant has the capacity to produce 500 million pounds of ethylene and 125 million pounds of propylene annually. Finished product is stored onsite or in a near-by salt dome prior to shipping by rail, truck, pipeline or barge (Curry et al 1997). Records indicate that operation of the plant changed from OxyChem to Equistar in 1998, both names are used interchangeably throughout this document.

OxyChem Products:
Ethylene
Propylene

OxyChem holds NPDES permit LA0069850, which authorizes discharge to Bayou d'Inde through outfalls 001, 002, and 003. Records indicate that the PCD units discharged to outfall 002B (not shown on Figure 7-2) until 1987, when the discharge route was transferred to Westlake Polymers as part of the polyethylene facility sale.

OxyChem operated unlined basins called the East and West Impoundments (the East Impoundment was approximately 4.8 acres, up to 6 feet deep, the West Impoundment was slightly smaller) [Curry et al 1997]. The impoundments contained PCB waste sludge. The impoundments contents were removed in 1992 (CRA Services, 1999).

OxyChem outfall 001 is the facility's main outfall, receiving treated waste from boiler and saturator blowdown, maintenance washdown, spent caustic, and decoking sump water. The primary waste source is the OxyChem Olefins Plant #1. Prior to 1991, outfall 001 was known as outfall 002E. Outfall 001 is monitored for benzene, ethylbenzene, toluene, BOD, TSS, and pH. Prior to 1991, outfall 002 was called outfall 002A, and outfall 102 was 002C. Outfall 003 (prior name 002F) discharges stormwater runoff from the northwest portion of the facility. The outfall's flow is intermittent. Exhibit 7-3 summarizes the permitted OxyChem outfalls. Enforcement histories for the OxyChem outfalls are provided in Table 7-3.

Exhibit 7-3 Approved OxyChem Discharges into Bayou d'Inde (Curry et al 1997)

Outfall	Discharge Area	Approved Discharges
Outfall 001	Bayou d'Inde	Treated waste from boiler and saturator blowdown, maintenance washdown, spent caustic and decoking sump water. The primary waste source is the OxyChem Olefins Plant #1. Outfall 001 is monitored for benzene, ethylbenzene, toluene, BOD, TSS and pH.
Outfall 002	Bayou d'Inde	Stormwater discharge from the south portion of the facility and sanitary waste from internal outfall 102. Outfall 002 is monitored for pH, TOC, O&G, BOD, TSS, and fecal coliform.
Outfall 003	Bayou d'Inde	Stormwater runoff from the northwest portion of the facility.

Draft

7.2.1.4 Firestone Synthetic Rubber and Latex Company

Firestone owns and operates a rubber and latex facility on the south side of Bayou d'Inde (Figure 7-2). The facility began operations in 1943 and currently occupies an area of 80 acres on the south side of Bayou d'Inde. The facility produces synthetic rubber and latex, which are used in the production of tires and other rubber-based products. The plant currently has an annual production capacity of 165,000 tons. Although an emulsion synthetic rubber production unit had historically been operated at the site, this facility was shut down in 1981. The plant is bounded on the west by Citgo and to the north and east by OxyChem.

Firestone products:
Synthetic rubber and latex (Butadiene, Styrene, Hexane are used in the process)

Firestone holds NPDES permit LA0003824, which authorizes the plant to discharge process wastewater and stormwater runoff to Bayou d'Inde via outfalls 001, 003, and 004. The main discharge point is outfall 001. Flow through outfall 001 is approximately one million gallons per day. Outfall 001 is monitored for BOD, COD, TSS, O&G, ammonium nitride and chromium. Coordinates for Firestone outfalls were not available and as such, the outfall discharge locations where flow enters Bayou d'Inde are estimated on Figure 7-2.

Outfalls 003 and 004 discharge non-process stormwater runoff collected by earthen ditches along the east and west plant boundaries. Flow is intermittent and they are monitored for TOC, oil and gas (O&G), and pH. Exhibit 7-4 summarizes the permitted Firestone outfalls. Enforcement histories for the Firestone outfalls are provided in Table 7-4.

Exhibit 7-4 Approved Firestone Discharges into Bayou d'Inde (Curry et al 1997)

Outfall	Discharge Area	Approved Discharges
Outfall 001	Bayou d'Inde	Outfall 001 discharges process wastewater, sanitary wastewater, cooling tower blowdown and process area stormwater. Outfall 001 flow enters Bayou d'Inde downstream of the Citgo outfall 001.
Outfall 003	Bayou d'Inde	Discharge of non-process stormwater runoff collected by earthen ditches along the eastern plant boundary. Prior to the 1970's, facility wastewater was discharged through the stormwater outfalls.
Outfall 004	Bayou d'Inde	Discharge of non-process stormwater runoff collected by earthen ditches along the western plant boundary. Prior to the 1970's, facility wastewater was discharged through the stormwater outfalls.

Draft

7.2.1.5 Westlake Polymers

Westlake Polymers produces:
Polyethylene
Ethylene Vinyl Acetate

Westlake Polymers owns and operates a polyethylene manufacturing facility just south of Bayou d'Inde (Figure 7-2). The facility is located on the south side of Bayou d'Inde, west of the ship channel, and is comprised of two polyethylene production plants that were acquired from Occidental in 1987. The two plants have a combined production capacity of 700 million pounds of polyethylene annually. An ethylene vinyl acetate copolymer product is also manufactured at the Westlake facility. The facility is bordered by OxyChem on the south and west, and by Bayou d'Inde on the north.

Westlake holds NPDES permit LA0071382, which authorizes the plant to discharge process wastewater and stormwater runoff to Bayou d'Inde via six outfalls. Westlake's main industrial discharge point is outfall 010, which receives treated process water utility water and potentially contaminated stormwater from the polyethylene plants to Bayou d'Inde via the East Ditch. The East Ditch flows along Highway 108, which enters Bayou d'Inde near former Westlake outfall 002B located between the rail bridge and the Highway 108 bridge. With the exception of WPC outfall 011, all other active Westlake flow enters Bayou d'Inde at the Outfall 002B location shown on Figure 7-2. The remaining primary active outfall (011) discharges

uncontaminated stormwater to Bayou d'Inde via the West Ditch, at OxyChem outfall 002.

Exhibit 7-5 summarizes the primary permitted Westlake Polymers outfalls. Enforcement histories for the Westlake Polymers outfalls are provided in Table 7-5.

Exhibit 7-5 Approved Westlake Discharges into Bayou d'Inde (Curry et al 1997)

Outfall	Discharge Area	Approved Discharges
Outfall 007	Bayou d'Inde	Outfall 007 discharges treated process wastewater, utility wastewater and process area stormwater from the polyethylene plant, Poly II. Water is discharged to Bayou d'Inde via the East Ditch.
Outfall 010	Bayou d'Inde	Outfall 010 discharges treated process wastewater, utility wastewater and process area stormwater from the polyethylene plant, Poly I. Water is discharged to Bayou d'Inde via the East Ditch.
Outfalls 004, 005, 006 and 011	Bayou d'Inde	Outfall discharges non-process area stormwater received from Poly I and Poly II areas. Water is discharged to Bayou d'Inde via the East and West Ditches.

7.2.1.6 Montell USA

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Montell USA is located to the south of Highway LA-108 and has two permitted outfalls that discharge to Lower Calcasieu River. A brief discussion of Montell releases is included here as an accidental release occurred in 1990 that reportedly flowed into Bayou d'Inde. A release of several thousand pounds of polypropylene pellets reportedly overflowed a retaining wall on the west side of the facility and entered the East ditch that flows to Bayou d'Inde, transporting the spill to Bayou d'Inde. Recovery efforts were implemented at the time of the release. No direct discharges to Bayou d'Inde are known. A summary of the Montell USA enforcement history is provided in Table 7-6.

7.2.2 Historical Contamination

Five previous studies were identified where multi-media samples were collected within the Bayou d'Inde AOC. These studies include:

- Ecosystem Analysis of the Calcasieu River/Lake Complex (CALECO), Final Report, Prepared by McNeese State University for the Louisiana Department of Wildlife and Fisheries, June 1987. (Conducted in 1983-1985, see Appendix A).

- Toxics Study of the Lower Calcasieu River, Prepared by Research Triangle Institute for the U.S. Environmental Protection Agency-Region VI, Louisiana Department of Environmental Quality and the U.S. Geological Survey, March 1990. (Conducted in 1988-1989, see Appendix A).

- Bayou d'Inde Expanded Site Inspection – Final Report, Prepared by PRC Environmental Management, Inc. for the U.S. Environmental Protection Agency-Region VI, September 1993. (Conducted in 1992, See Appendix A).

- Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling Report, Prepared by McLaren/Hart Environmental Engineering – ChemRisk Division for PPG Industries, Inc., June 1995. (Conducted in 1994, See Appendix A).

- Findings Report for the Focused Site Assessment – Bayou d'Inde, Prepared by Fluor Daniel, Inc. for the U.S. Environmental Protection Agency – Region VI, August 1997. (Conducted in 1996, See Appendix A).

The occurrences of COPCs identified in Section 4 (Table 4-2) in sediment are discussed in this section. Only those data collected within the Bayou d'Inde AOC boundaries are used for historical comparison. The Bayou d'Inde AOC boundary was partitioned into two systems, a bayou energy system and a marsh energy system, to reflect the differing physical and geochemical dynamics of each area. The samples discussed in the following sections were not part of the Calcasieu Estuary RI/FS with the intent to compare historical contamination with current conditions. Historical surface water samples are not discussed since they are more variable with time, sources, and season.

Draft

7.2.2.1 Historical Contamination Bayou System

7.2.2.1.1 Volatile Organic Compounds

1,1,1-trichloroethane was detected in samples from the *1995 PPG Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling*, *1993 Bayou d'Inde Expanded Site Inspection*, and *1990 EPA Toxic Study of the Lower Calcasieu River* investigations. 1,1,1-trichloroethane was detected at concentrations ranging from 430 to 8,100,000 µg/Kg. The maximum concentration was detected at location 6100-04-BDI39, approximately 800 meters upstream from PPG's outfall 001 during the *1993 EPA Bayou d'Inde Expanded Site Inspection*.

1,2-dichloroethene was detected in only one investigation, the *1993 EPA Bayou d'Inde Expanded Site Inspection*, where it was detected in sediment samples at concentrations ranging from 47,000 to 49,000 µg/Kg. The maximum concentration was detected at location 6100-04-BDI29, approximately 7,430 meters upstream from the mouth of Bayou d'Inde and 768 meters downstream from Citgo outfall 001. In addition, at this same location and during the same investigation, the maximum detected concentration of acetone was observed. Acetone was also detected in sediment samples from the *1993 EPA Bayou d'Inde Expanded Site Inspection*, *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling*, and *1997 EPA Focused Site Assessment-Bayou d'Inde* investigations. Acetone sediment concentrations ranged from 6 to 650 µg/Kg in the bayou portion of Bayou d'Inde.

Carbon disulfide was detected in sediment samples from *1993 EPA Bayou d'Inde Expanded Site Inspection*, *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling*, and *1997 EPA Focused Site Assessment-Bayou d'Inde* investigations. Carbon disulfide was detected at concentrations ranging from 3 to 42 µg/Kg. The maximum concentration was detected at location 6100-03-BI14-A, approximately 1,049 meters upstream from the mouth of Bayou d'Inde during the *Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation.

7.2.2.1.2 Semivolatile Organic Compounds

Bis(2-ethylhexyl)phthalate (BEHP) and HCB were detected in sediment sample during the *1990 EPA Toxics Study of the Lower Calcasieu River*, *1993 EPA Bayou d'Inde Expanded Site Inspection*, *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling*, and *1997 EPA Focused Site Assessment-Bayou d'Inde* investigations.

BEHP was detected in sediment samples at concentrations ranging from 39 to 5,700 µg/Kg with the highest detected concentration at location 6100-06-03U1 approximately 1,810 meters upstream from the mouth of Bayou d'Inde near the mouth of the PPG Canal, during the *1990 EPA Toxics Study of the Lower Calcasieu River* survey. HCB was detected at concentrations ranging from 100 to 380,000 µg/Kg. In the *1993 EPA Bayou d'Inde Expanded Site Inspection*, location 6100-04-BDI38, about 70 meters downstream from Citgo outfall 001.

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7.2.2.1.3 Polycyclic Aromatic Hydrocarbons

PAH concentrations in sediment samples were reported in *1993 EPA Bayou d'Inde Expanded Site Inspection*, *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling*, and *1997 EPA Focused Site Assessment-Bayou d'Inde* investigations. Total PAH (the summation of 18 PAH compounds) were detected in concentrations ranging from 165 to 338,000 µg/Kg. The maximum concentration was detected during the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation located at 6100-03-LPC01-A, approximately 701 meters upstream from Citgo outfall 001.

7.2.2.1.4 PCBs

PCBs were only detected in sediment samples during one study, the *1993 EPA Bayou d'Inde Expanded Site Inspection*, which total PCB concentrations ranged from 160 to 22,200 µg/Kg. The maximum concentration occurred at location 6100-04-BDI29, nearly 7430 meters upstream from the mouth of Bayou d'Inde and about 768 meters upstream from Citgo outfall 001.

7.2.2.1.5 Pesticides

Aldrin and dieldrin were detected in sediment samples during the *1990 EPA Toxics Study of the Lower Calcasieu River* and *1993 EPA Bayou d'Inde Expanded Site Inspection* studies. The maximum concentration for both compounds was measured during the *1993 EPA Bayou d'Inde Expanded Site Inspection* at location 6100-04-BDI39, roughly 800

meters upstream from PPG's outfall 001. Concentrations for aldrin ranged from 2 to 3,500 µg/Kg and 7 to 8,000 µg/Kg for dieldrin.

7.2.2.1.6 Metals

Arsenic, copper, lead, mercury, and zinc were analyzed in sediment samples during the *1987 LDWF Ecosystem Analysis of the Calcasieu River*, *1990 EPA Toxics Study of the Lower Calcasieu River*, *1993 EPA Bayou d'Inde Expanded Site Inspection*, *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling*, and *1997 EPA Focused Site Assessment-Bayou d'Inde* investigations.

Barium was analyzed in sediment samples during the *1990 EPA Toxics Study of the Lower Calcasieu River* and *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigations. Chromium was analyzed in the *1993 EPA Bayou d'Inde Expanded Site Inspection* and *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigations. Nickel was analyzed in all but one study, *1987 LDWF Ecosystem Analysis of the Calcasieu River*.

Arsenic was detected in sediment samples from all five investigations. Concentrations ranged from 0.21 to 9.10 mg/Kg. The maximum concentration value occurred in the *1997 EPA Focused Site Assessment-Bayou d'Inde investigation* at location 6100-01-000S1, at the mouth of Bayou d'Inde.

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Sediment samples from the five investigations also contained copper at concentrations ranging from 0.7 to 713.0 mg/Kg. The maximum concentration value occurred in the *1993 EPA Bayou d'Inde Expanded Site Inspection* at location 6100-04-BDI40, approximately 1,663 meters downstream from PPG's outfall 001.

Lead was detected in sediment samples from all five investigations with concentrations ranging from 5.3 to 900.0 mg/Kg. The maximum concentration value occurred in the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation at location 6100-03-LPC05-A, about 328 meters downstream from PPG outfall 001.

Mercury was detected in sediment samples from all five investigations with concentrations ranging from 0.01 to 58.00 mg/Kg. The maximum concentration occurred in the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation at location 6100-03-BI14-A, approximately 1,049 meters upstream from the mouth of Bayou d'Inde.

Zinc was detected in sediment samples from all five investigations with concentrations ranging from 1.0 to 771.0 mg/Kg. The maximum concentration value occurred in the *1993 EPA Bayou d'Inde Expanded Site Inspection* at location 6100-04-BDI29, approximately 7,430 meters upstream from the mouth of Bayou d'Inde and nearly 768 meters downstream from Citgo outfall 001.

Barium, detected in sediment samples from two investigations, had concentrations ranging from 41 to 970 mg/Kg. The highest detected value was in the *1994 Bayou*

d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling investigation at location 6100-03-LPC03-A, about 203 meters downstream from PPG's outfall 001.

Chromium, detected in sediment samples from two investigations, had concentrations ranging from 6 to 2,610 mg/Kg. The highest detected value was in the *1993 EPA Bayou d'Inde Expanded Site Inspection* at location 6100-04-BDI29, approximately 7,430 meters upstream from the mouth of Bayou d'Inde and about 768 meters downstream from Citgo outfall 001.

Nickel, detected in sediment samples from four investigations, had concentrations ranging from 4 to 69 mg/Kg. The highest detected value was in the *1993 EPA Bayou d'Inde Expanded Site Inspection* at location 6100-04-BDI40, approximately 1663 meters downstream from the PPG's outfall 001.

7.2.2.2 Historical Contamination Marsh system

7.2.2.2.1 Volatile Organic Compounds

1,1,1-trichloroethane was only detected in marsh sediment samples collected during the *1990 EPA Toxic Study of the Lower Calcasieu River* investigation. 1,1,1-trichloroethane was detected at concentrations ranging from 510 to 4,500 µg/Kg. The maximum concentration was detected at location 6100-06-02U0, 304 meters west-southwest of PPG's outfall 001. Acetone was detected in marsh sediment samples from the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigations. Acetone was detected at concentrations ranging from 27 to 164 µg/Kg. The maximum detected concentration was at location 6100-03-BI10-A, approximately 1491 meters east-southeast of PPG outfall 001, in Lockport Marsh.

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Carbon disulfide was detected in only one marsh sediment sample. This sample was from the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation where carbon disulfide was detected at a concentration of 17 µg/Kg at location 6100-03-BI12-A, approximately 600 meters east-southeast of PPG's outfall 001.

7.2.2.2.2 Semivolatile Organic Compounds

BEHP and HCB were detected in marsh sediment samples collected during the *1990 EPA Toxics Study of the Lower Calcasieu River* and *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigations.

BEHP was detected at concentrations ranging from 135 to 2800 µg/Kg with the highest detected concentration at location 6100-06-02U0 304 meters west-southwest of PPG outfall 001, during the *1990 EPA Toxics Study of the Lower Calcasieu River* investigation. In addition, HCB was detected at concentrations ranging from 690 to 630,000 µg/Kg during the same investigation, where location 6100-06-01U0, 46 meters south of the same outfall was the most impacted location.

7.2.2.2.3 Metals

Arsenic, copper, and zinc were analyzed in marsh sediment samples collected during the *1987 LDWF Ecosystem Analysis of the Calcasieu River*, *1993 EPA Bayou d'Inde Expanded Site Inspection*, and *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigations.

Barium, chromium, and nickel were analyzed in marsh sediment samples collected during the *1993 EPA Bayou d'Inde Expanded Site Inspection* and *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigations.

Lead and mercury were analyzed in marsh sediment samples collected during the *1987 LDWF Ecosystem Analysis of the Calcasieu River*, *1990 EPA Toxics Study of the Lower Calcasieu River*, *1993 EPA Bayou d'Inde Expanded Site Inspection* and *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigations.

Arsenic, copper, and zinc were detected in all three investigations. The concentrations ranged from 0.31 to 13.00 mg/Kg for arsenic, 5 to 613 mg/Kg for copper, and 13 to 246 mg/Kg for zinc. The highest concentrations were identified in the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation. The highest detected concentrations for both copper and zinc were located at 6100-03-BI12-A, roughly 600 meters west-southwest of PPG outfall 001. Likewise for arsenic, the highest detected value was located at 6100-03-LPC08-A, around 406 meters southwest of the same outfall.

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Barium, detected in both investigations, had concentrations ranging from 29 to 12,478 mg/Kg. The highest detected value was in the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation at location 6100-03-BI12-A, nearly 300 meters east-southeast of PPG outfall 001. At the same location and during the same investigation, the highest concentration value for nickel was observed. Regarding both investigations, nickel had concentrations ranging from 11 to 62 mg/Kg.

Chromium, detected in both investigations, had concentrations ranging from 21 to 35 mg/Kg. The highest detected value was in the *1993 EPA Bayou d'Inde Expanded Site Inspection* investigation at location 6100-04-BDI30, about 100 meters upstream from the mouth of the PPG Canal.

Lead was detected in all four investigations with concentrations ranging from 5 to 190 mg/Kg. The maximum concentration value occurred in the *1990 EPA Toxic Study of the Lower Calcasieu River* investigation at location 6100-06-01U0, approximately 460 meters south of PPG outfall 001.

Mercury was detected in all four investigations with concentrations ranging from 0.1 to 8.0 mg/Kg. The maximum concentration values occurred in the *1994 Bayou d'Inde, Lower PPG Canal, Calcasieu River Ship Channel Water and Sediment Sampling* investigation at locations 6100-03-BI12-A, approximately 300 meters east-southeast of

PPG outfall 001 and 6100-03-LPC08-A, about 406 meters southwest of the same outfall.

7.2.2.2.4 Pesticides, PCBs, and PAHs

All five previous investigations examined marsh sediment sample for total PCBs and pesticides and only the *1987 LDWF Ecosystem Analysis of the Calcasieu River/Lake Complex* study examined marsh sediment samples for PAHs. None of the aforementioned compounds were detected in sediment samples of the marsh energy system.

7.2.2.3 Summary of Historical Data

Historical data from the five previous studies indicate that the occurrence of the primary COPCs is consistent with the findings of the RI. The distribution of the COPCs between the bayou and marsh areas throughout Reaches 1 through 3 are limited by the number and location of samples collected, but where detected, concentration trends correlate with the RI data. Tables 7-7 through 7-10 summarize the range of results for Reaches 1 through 4 (bayou energy system). In general, the data indicate that concentrations remained fairly constant from 1984 through 1996 in Reaches 3 and 4. Reach 3 data are limited to BEHP, lead and mercury for temporal comparison. Reach 2 data show a decrease in BEHP readings, and an increase in concentrations for lead and mercury. Reach 1 data indicate that concentrations for HCB and HCBD were constant from 1984 through 1994, but decreased from 1994 to 1996. Data for the remaining COPCs were fairly constant from 1984 through 1996. Historical data results are compared to RI findings in Sections 7.5 and 7.6.

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7.3 Data Analysis and Interpretation Overview

The following discussions focus on data collected during Phase I and Phase II of the RI. The analytical program and the results of the data validation and interpretation are presented in Sections 4.6.1 and 4.8. Section 7.3.1 provides a summary of the samples collected and parameters analyzed. An overview of the data interpretation presented in Section 7.3.2 will describe the objectives of the principal component analysis (PCA), which will be used through the remainder of this section to describe the nature and extent of the contamination as well as the fate and transport of COPCs.

7.3.1 Analytical Program

Samples from Phase I and Phase II were collected within the Bayou d'Inde AOC, which is from where it flows into the Calcasieu River Ship Channel to I-10. Sampling was conducted in both the bayou, marshes adjoining the bayou, and Maple Fork Bayou, which is the largest tributary to the bayou.

The RI for Bayou d'Inde included collecting and analyzing sediment, surface water, and porewater samples (Figures 4-1, 4-4, 4-6, and 4-7) for a combination of compounds in accordance with EPA SW-846, EPA CLP, and ASTM standard methods. The compounds of interest included VOCs, SVOCs, pesticides, herbicides, PCBs, PCB congeners, dioxin/furans, metals (filtered and non-filtered for surface

Sample Locations in Bayou d'Inde For Chemistry Only (Phases I and II)

- 261 Surface sediment
- 15 Multi-depth sediment
- 22 Surface water
- 15 Porewater

water), and TPHs. Surface sediment samples were collected from the 0 to 10 cm depth interval in Phases I and II. Multi-depth samples were typically collected in Phases I and II at: 0 to 10, 10 to 20, and 20 to 30-cm depth intervals. Other sampling intervals included 0 to 15, 15 to 30, and 30 to 45-cm, as well as 0 to 30 and 0 to 60-cm depth intervals. Surface water samples were collected at mid-depth of the water column in the middle of the bayou. Porewater samples were collected with sediment samples and extracted at the laboratory.

In addition to the chemical parameters discussed above, selected samples were analyzed for chemical/physical properties, which included grain size analysis, TOC for sediment only, DOC for porewater only, and pH. Field parameters for sediment were limited to penetrometer measurements and VOC screening. Ancillary properties for surface water samples included alkalinity, ammonia, hardness, and TKN. Field parameters for surface water included temperature, pH, DO, ORP, conductivity, and salinity.

7.3.2 Data Interpretation Overview

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Data were interpreted by use of statistical tests such as Wilcoxon Rank Sum (WRS) and the PCA to determine primary COPCs and their fate and transport in the estuary. In this section, an overview of the WRS test is provided in Section 7.3.2.1 to describe how it was used in the data interpretation. In Section 7.3.2.2, a brief overview of the PCA is provided explaining the objectives of this analysis. The development of energy system specific COPCs is described in Section 7.3.2.3 and the general fate and transport mechanisms that will explain the nature and extent of contamination of these COPCs in each of the energy systems is provided in Section 7.3.2.4.

7.3.2.1 WRS Test

This section describes the results of the WRS test to determine if there is a statistically significantly difference between the energy areas in Bayou d'Inde and reference area conditions. COPCs that were not detected in the reference area were not compared using the WRS test; however, these non-detected COPCs are retained for evaluation. Use of the WRS Test is discussed in Section 4.8.2.3. Results are presented in Table 7-11.

The WRS test compares the probabilities (p-values) with a critical value (alpha) in order to determine whether there is a statistically discernable difference in the median concentrations between the two groups tested (energy area in the AOC versus the reference area). For purposes of interpreting the p-values, two levels of significance were established and presented in Exhibit 7-6.

Exhibit 7-6 Levels of Significance

Level of Significance	Interpretation of Difference
p-value < alpha	Medians may be different
Adjusted p-value < alpha	Medians are different

For the first level of significance (medians may be different), the p-values were compared directly with an alpha value of 0.05 or 95 percent upper confidence limit (UCL) of the median of the COPCs. For the second level of significance (medians are different), an adjusted p-value was calculated using the Bonferroni adjustment method:

adjusted p-value = n(p-value),

where, n is the number of comparison tests conducted.

The test does not indicate whether higher concentrations were observed in the energy area or the reference area, only that there was significant statistical difference between the two areas. To determine which area had higher concentrations, box plots comparing the two systems were examined and are presented in Appendix D.

7.3.2.2 PCA

As discussed in Section 4, PCA was used to accomplish the following objectives:

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- Objective 1: Study the correlations of multivariate data sets by grouping variables (analytical constituents or parameters) in principal components (also known as factors or groups). Variables within each factor are more highly correlated with each other than with variables in other factors.

- Objective 2: Summarize many variables by a few factors or groups. Essentially, this is a data reduction technique whereby several original variables may be represented by one or a few "indicator" variables or by the factor itself.

- Objective 3: Interpret each factor according to the "meaning" of the variables. Such interpretation may provide useful information regarding geochemical fate and transport.

Sediment composition is heterogeneous, which means that chemicals found in sediment will vary from one location to the next. The PCA groups the measured parameters into factors, which are parameters that tend to correlate with one another. By identifying parameters that correlate, sediment conditions can be better understood and explain why one location varies from another. Understanding the variability in the surface sediment, conclusions can be made in regard to sources and the fate and transport of contaminants.

Factors from the PCA will be discussed in Section 7.4.3 if one or more COPCs are grouped within that factor.

7.3.2.3 COPC Selection

The COPC list provided in Table 4-2 presents all of the COPCs in the Calcasieu Estuary; however, not all of these COPCs are present in each AOC or energy system. To limit discussion, energy system specific COPCs for each AOC were determined. COPCs that may not be present in a specific energy system, are not risk drivers, or there was not a statistically significantly difference from reference area conditions are not discussed.

The HHRA and BERA state which COPCs are the primary risk drivers for each AOC (Section 7.1 in the HHRA and in Appendix D2 of the BERA). An energy system specific COPC was determined if the following two conditions exist:

- The COPC was identified as a risk driver in the HHRA or the BERA
- The concentration of the COPC was determined to be statistically significantly different from reference area conditions

If either of these criteria failed, the COPC was determined not to be a COPC for a particular energy system. In some cases, there was insufficient data to compare a COPC with reference area conditions (i.e., low frequency of detects in a particular energy system). In these instances, the ranges of concentrations of a particular energy system are compared to reference area conditions by examining mean and median values by the use of box plots (Appendix D). If the range is comparable then they are not discussed in the following subsections. Additional information regarding these COPCs is presented in the HHRA or the BERA.

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7.3.2.4 Fate and Transport Mechanisms

The major mechanisms that tend to guide chemical fate and transport in estuarine systems are:

- Adsorption
- Precipitation/Co-precipitation
- Salting out
- Complexation
- Biotransformation
- Hydrolysis
- Photolysis

Contaminant occurrence and extent in Bayou d'Inde is dependent upon physical conditions, the contaminants, their concentrations and the dominant processes given

these conditions. Details on these fate and transport processes are provided in Section 5.0.

7.4 General Physical and Chemical Parameters for the Bayou d'Inde Bayou Energy System

This section presents the results of the sediment and surface water characteristics of Bayou d'Inde.

7.4.1.1 Sediment Characteristics

7.4.1.1.1 Particle size

Particle size analysis was conducted at predetermined locations in Phase I and on all sediment quality triad (SQT) samples in Phase II (Figure 7-3). Clay and silt percentages were the highest in Reach 3, with the percentages of clay and silt decreasing up and downstream of this area. Reaches 1 and 4, the lower and upper reach respectively, contained a higher percentage of sandy particles. The higher percentage of sand particles in Reach 1 may be the result of tidal surges and the high flow from the upper reaches of Bayou d'Inde and the PPG Canal. Reaches 1 and 2 support barge traffic and are occasionally dredged that may disturb finer grained particles into suspension, which are then transported into the Calcasieu River Ship Channel. In Reach 2, the coefficient of variance was high (greater than 1) indicating that sand percentages are highly variable within this reach. Silt concentrations were consistent throughout the bayou energy system. Exhibit 7-7 summarizes the average particle size in each of the reaches.

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Exhibit 7-7 Mean[1] (Standard Deviation) of Particle Size Analysis in Bayou d'Inde

Area	Percent Clay	Percent Silt	Percent Sand
Bayou - Reach 1	25.11 (13.17)	33.63 (9.75)	41.26 (21.42)
Bayou - Reach 2	33.98 (15.96)	37.85 (9.64)	28.6 (19.76)
Bayou - Reach 3	52.27 (20.68)	32.7 (10.69)	15.03 (30.71)
Bayou - Reach 4	30.91 (10.81)	32.9 (9.31)	36.63 (15.42)
Marsh	24.17 (13.05)	43.81 (14.4)	34.24 (16.34)
Reference Area	23.94 (11.70)	40.2 (11.02)	35.86 (16.34)

1 – Values based on regression on ordered statistics (ROS). See Appendix D.

The bayou energy system within Bayou d'Inde was observed to have a higher clay percentage than the marsh energy system, although the percentage of silt was higher in the marsh system. The mixed sediment in the marsh energy area (sediment between sand clays) may be the result of alternating high and low-energy events, which produces inter-layered sediments.

Bayou d'Inde sediment tended to have higher percentage of clay particles than the reference area. The percentage of sand was similar to that of the reference areas with the exception of Reach 3. The variance in sediment particle size may be the result of sampling location, affects of dredging, and flow velocities. In Reaches 1 and 2, the

majority of the samples were collected along the banks of the dredged bayou, with the exception being in Maple Fork Bayou. In Reaches 3 and 4, which are not dredged, samples were collected closer to the middle of the bayou as well as along the banks.

7.4.1.1.2 Total Organic Carbon

TOC provides an indication of the total organic material present in sediment and includes the carbon both from naturally occurring organic material and from organic chemical contaminants. TOC in sediment was measured in both Phase I and Phase II. The mean TOC concentration for the entire bayou was approximately 49,082 mg/Kg with a standard deviation of 58,021 mg/Kg. The coefficient of variance of 1.2 indicates the concentrations were variable within the bayou. Highest mean values were within Reach 3 that had a range of TOC values from 5,510 mg/Kg to 287,500 mg/Kg. The coefficient of variance was approximately 2, indicating that TOC concentrations are highly variable within Reach 3. Concentrations decreased downstream slightly and were more than twice the TOC measured in the upper reach. TOC was less variable in Reaches 1, 2 and 4. Exhibit 7-8 lists the mean concentrations by reach and compares them to reference area conditions.

Exhibit 7-8 Mean[1] (Standard Deviation) of TOC in Bayou d'Inde

Reach of Bayou d'Inde	TOC (mg/Kg)
Bayou - Reach 1	43,877 (16,958)
Bayou - Reach 2	55,612 (39,053)
Bayou - Reach 3	64,001 (129,339)
Bayou - Reach 4	28,364 (22,868)
Marsh	108,684 (73,348)
Reference Area	43,356 (24,874)

1 – Values based on ROS. See Appendix D

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In comparison to the reference area, only Reach 1 had similar values. Both Reach 2 and 3 were higher and Reach 4 was slightly lower. The higher TOC concentrations may be the result of the types of vegetation along Bayou d'Inde as well as industrial input sources. The marsh was observed to have the highest observed values, which may be attributed to organic chemical contamination.

7.4.2.1 Surface Water Characteristics

Surface water characteristics observed in Bayou d'Inde are presented in this section and are compared to reference area conditions.

7.4.2.1.1 Total Dissolved Solids

Dissolved solids refer to any minerals, salts, metals, cations, or anions that may be dissolved in the estuarine water. Sources of dissolved solids may be from saltwater intrusion, soil erosion, waste discharge, urban runoff, eroding stream banks, and re-suspended bottom sediments from activities such as ship traffic or storm scour. In addition to total dissolved solids, salinity and conductivity were measured to describe the conditions within the bayou. Total dissolved solids is proportional to salinity and conductivity.

Salinity is the measure of the amount of dissolved salts (solids) in the estuary. Salinity levels control to some degree the types of animals and plants that may live in a particular area of the estuary. Salinity measurement is also important in determining if dissolved organic carbons will precipitate out of solution or "salt out".

Conductivity estimates the amount of total dissolved ions (solids) in water. Conductivity is controlled by geology, size of the watershed, evaporation of water, and other sources of ions to the bayou or estuary such as saltwater intrusion, wastewater, and urban and agricultural runoff. An increase in conductivity from what is normally observed could signal the introduction of a wastewater or runoff source or saltwater influence.

Mean values for TDS (Exhibit 7-9) were similar for the bayou energy system and the reference area although the maximum concentration was higher in the reference area. In Phases I and II, TDS values decreased moving upstream with little variation in values in the bayou as a whole. Reach 3, however, had TDS values that decreased significantly in both phases (by 83% and 86% for Phases I and II, respectively) before increasing in concentration in Reach 4. TDS results and comparison is presented in Exhibit 7-9. TDS was measured in the reference area in Phase II only.

Exhibit 7-9 Total Dissolved Solids (mg/L) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou – Phase I	3,000	24,000	15,598	4,924
Bayou – Phase II	800	24,500	12,724	7,256
Marsh – Phase I	9,150	43,000	18,998	3,977
Marsh – Phase II	8,000	25,000	18,316	6,204
Reference Area Phase II	6,000	32,000	13,467	10,245

1 – Values based on ROS. See Appendix D.

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Within the marsh energy system, TDS values were slightly higher in Phase I than in Phase II and overall conditions in both phases were higher than reference area conditions. The higher TDS values in the marsh area may be the result of re-suspension of the silt and clay particles in the shallow marsh area and/or the influence of saltwater.

Salinity values were recorded in both Phase I and Phase II of the RI. Exhibit 7-10 presents summary statistics of the salinity for Bayou d'Inde and the reference area. Salinity in the reference area was measured in Phase II only.

Exhibit 7-10 Salinity (ppt) Levels in Bayou d'Inde and Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou – Phase I	3	26	16	6
Bayou – Phase II	1	27	13	8
Marsh – Phase I	2	25	19.1	3.6
Marsh – Phase II	7	27	19	7.1
Reference Area Phase II	6	36	14	12

1 – Values based on ROS. See Appendix D.

Salinity values decreased in the bayou moving upstream from the Calcasieu River Ship Channel to Reach 4. Based upon the USFWS salinity classification system and mean salinity values, there are two types of salinity regimes in Bayou d'Inde. Reach 1 and 2 would be classified as polyhaline (18 to 30 ppt) and changing to mesohaline (5 to 18 ppt) in Reaches 3 and 4. Salinity was higher in the reference area most likely due to its closer proximity to the Gulf of Mexico and their lack of freshwater sources.

Within the marsh area, salinity values decreased moving into the marsh regions, with the exception of the interior of Lockport Marsh and adjacent to PPG Canal. Elevated roads in Lockport Marsh may limit saltwater intrusion from the bayou or from Calcasieu River Ship Channel. However, more saline water may enter Lockport Marsh from PPG Canal. Salinity values were slightly higher than what was observed in the reference area.

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Exhibit 7-11 presents the conductivity levels for both the bayou and marsh energy system in Bayou d'Inde. Conductivity in the reference area was measured in Phase II only.

Exhibit 7-11 Conductivity (µs/cm) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou – Phase I	1,500	36,600	12,719	11,938
Bayou – Phase II	242	135,000	17,781	34,299
Marsh – Phase I	1,000	39,200	21,235	14,052
Marsh – Phase II	1,660	41,250	20,129	16,699
Reference Area Phase II	1,350	53,800	21,363	18,967

1 – Values based on ROS. See Appendix D.

Mean conductivity levels in both Phase I and Phase II were slightly lower in the bayou energy system than reference area conditions, however, in Phase II, the max detection in the bayou was significantly higher than what was observed in the bayou. Station BIR4018 in Reach 3 had a result of 135,000 µs/cm, which indicates a source of dissolved ions in the vicinity (Exhibit 7-11).

Conductivity levels were similar to reference area conditions in the marsh energy system.

7.4.2.1.2 Hardness

Hardness is the measure of multivalent cations and is proportionate or equivalent to the concentration of calcium and magnesium in the surface water. Generally, as hardness increases, toxicity decreases. Surface water in Bayou d'Inde is considered very hard based on U.S Department of Interior and Water Quality Association standards (> 180 mg/L). The average fresh water value for the area is 140 mg/L (USACE 1998). Within the bayou energy system, hardness values decreased from Reach 1 to Reach 4. Hardness values in the marsh were more than double than what was observed in the reference area. Hardness was measured in Phase I and presented in Exhibit 7-12.

Exhibit 7-12 Hardness (mg/L as $CaCO_3$) in Bayou d'Inde and Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou	2,250	3,085	2,857	436
Marsh	3,080	3,480	-	-
Hardness in Reference Area	1,295	1,295	-	-

1 – Values based on ROS. See Appendix D.

Hardness is typically a function of the geology of the area and/or influenced by point sources such as industries that discharge dissolved cations in effluent waters (EPA 1986). In comparison, wastewater from chemical industries has max concentrations of 1,000 mg/L, as $CaCO_3$, and electric utilities have a max concentration of 5,000 mg/L, as $CaCO_3$ (EPA 1986).

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7.4.2.1.3 Alkalinity and pH

Increases or decreases of pH may be an indication of anthropogenic affects such as wastewater discharge or contamination from urban or agricultural runoff. Measurement of pH may isolate a particular area that might be receiving discharges from these or other sources. Alkalinity is the measure of a solution's resistance to changes in pH. Typically, water with a high alkalinity will resist the adverse affects of acidic contamination. The higher the alkalinity, the less likely a natural or man-made contaminant will cause a significant change in pH.

Exhibits 7-13 and 7-14 summarize the pH and alkalinity conditions present in the bayou and marsh energy system in Bayou d'Inde and the reference area. The pH was measured in Phase II only.

Exhibit 7-13 pH (standard units) Levels in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Median[1]
Bayou – Phase I	6.58	9.42	7.95
Bayou – Phase II	6.56	7.83	7.19
Marsh – Phase I	6.59	9.25	7.75
Marsh – Phase II	6.35	8.13	7.59
Reference Area	6.67	8.135	7.27

1 – Values based on ROS. See Appendix D.

Estuarine waters typically have pH values ranging from 7 to 7.5 (EPA 1993). Values for pH are slightly higher than what was observed in the reference area with the exception of the marsh energy system in Phase II. The difference in values may be due to chemical constituents entering the surface water from runoff or point sources in Bayou d'Inde.

Exhibit 7-14 Total Alkalinity (mg/L as $CaCO_3$) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou	95.9	109	103	6
Marsh	76.4	101	-	-
Reference Area	42.1	42.1	-	-

1 – Values based on ROS. See Appendix D.

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Estuaries typically have alkalinity values ranging from 30 to 160 mg/L as $CaCO_3$ (EPA 1993). Conditions in the reference area and in Bayou d'Inde (Phase I only) are not out of this range. The higher values in Bayou d'Inde may be due to the different geologic conditions (rocks or soils) in the area and/or industrial wastewater discharges.

7.4.2.1.4 Nitrogen

Nitrogen was measured as nitrate-nitrite, TKN, and ammonia. Nitrate and nitrite are inorganic ions occurring naturally as part of the nitrogen cycle (Smith 1990). TKN is the organic form of nitrogen and includes both the dissolved and particulate form, whereas ammonia is the dissolved form of nitrogen. Ammonia, at low levels, is an important nutrient for estuarine organisms, whereas it becomes toxic at high concentrations. In contrast to freshwater systems where phosphorous is the limiting nutrient factor, nitrogen is the primary limiting nutrient in the seaward portions of most estuarine environments (Paerl 1993). If high levels of nitrogen are introduced into the estuary, a significant increase of algae or large aquatic plants may occur; NOAA/EPA (1988) suggests that nitrogen levels between 0.1 and 1 mg/L to avoid algae blooms. Exhibit 7-15 summarizes Nitrate/Nitrite measurements for Phase I.

American Water Works Association (AWWA) recommends that for maximum diversity in estuarine environments, the nitrate-nitrite should not exceed 0.1 mg/L for maximum diversity and 1.0 mg/L for moderate diversity (Exhibit 7-15). Based on

Phase I nitrate-nitrite levels, the reference areas would support a more diverse environment whereas Bayou d'Inde would only support a moderate diversity.

Exhibit 7-15 Nitrate-Nitrite (mg/L) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou	0.083	0.37	0.23	0.13
Marsh	0.064	0.34	0.18	0.17
Reference Area	0.06	0.06	-	-

1 – Values based on ROS. See Appendix D.

Higher TKN and ammonia values were found in the bayou in comparison with reference area conditions (Exhibits 7-16 and 7-17).

Exhibit 7-16 TKN (mg/L) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou	1.7	2.9	2.4	0.5
Marsh	1.2	3.9		
Reference Area	0.95	0.95	-	-

1 – Values based on ROS. See Appendix D.

Exhibit 7-17 Ammonia, as N, (mg/L) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou	0.96	2.5	1.7	0.7
Marsh	1.3	3.8	-	-
Reference Area	0.0064	0.0064	-	-

1 – Values based on ROS. See Appendix D.

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TKN is the summation of ammonia and organic nitrogen. For Bayou d'Inde, ammonia makes up more than 50 percent of TKN values, which is very different from the reference area. However, with the marsh energy system, TKN is mostly comprised of ammonia with very little organic nitrogen. Sources of TKN are typically the decay of organic material and urban and industrial sewage discharge. According to EPA (1989b), the criteria maximum concentrations (CMC) for total ammonia for pH, temperatures and salinity found in Bayou d'Inde range from 44 to 50 mg/L. The criteria continuous concentrations (CCC), according to EPA (1989b), range from 6.6 to 12 mg/L. Ammonia levels were below the CMC and CCC values for Bayou d'Inde.

7.4.2.1.5 Dissolved Oxygen

Dissolved oxygen is typically an indicator of high quality for aquatic life and helps determining the ability of aerobic organisms to survive. The concentration is dependent upon temperature, salinity, wind, water turbulence, atmospheric pressure, and presence of oxygen demanding compounds and organisms, and photosynthesis. The percent saturation is the measured dissolved oxygen level divided by the greatest amount of oxygen that the water can hold at that temperature and atmospheric conditions. Low dissolved oxygen levels typically indicate an excessive demand on

the system from organic material deposited from pollution sources or from natural sources such as leaves and grass. Exhibit 7-18 presents dissolved oxygen data for Bayou d'Inde.

Exhibit 7-18 Dissolved Oxygen, in Percent Saturation, in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou – Phase I	5	19.5	11	3
Bayou – Phase II	3.02	11.75	6.84	2.60
Marsh – Phase I	3.29	19.9	9.9	3.4
Marsh – Phase II	6.07	12.05	9.06	2.05
Reference Area	7.50	12.76	10.36	1.55

1 – Values based on ROS. See Appendix D.

Typically, values over 80 percent represent water of high quality, which will support various flora and fauna, whereas values less than 80 percent indicate poor water quality conditions. If oxygen-requiring organisms perish, the remaining organisms will be air-breathing insects and anaerobic bacteria (Gower 1980).

7.4.2.1.6 Biochemical and Chemical Oxygen Demand

Biochemical oxygen demand (BOD_5) is a measure of the amount of oxygen that bacteria will consume while decomposing organic matter under aerobic conditions in five days. Chemical oxygen demand (COD), however, does not differentiate between biologically available and inert organic matter and is a better indicator of medium to long-term demand. COD is a measure of the total quantity of oxygen required to oxidize all organic material into carbon dioxide and water. COD values will always be greater than or equal to BOD_5 values and these data are typically measured when there are nearby industrial sources. High BOD_5 /COD values may deplete the water system of oxygen needed to support fish and other aquatic life. In an estuary, the rate of oxygen consumption is dependent upon temperature, presence of certain kind of microorganisms, and the type of organic and inorganic material in the water (EPA 1993). BOD_5 values between 1 and 2 mg/L represent clean water. BOD_5 values between 2 and 5 mg/L are considered moderately clean. BOD_5 values exceeding 5 mg/L indicate a nearby pollution source. The various sources of organic enrichment include urban and agricultural runoff, sanitary sewer overflows, landfills and septic systems.

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Exhibit 7-19 presents the chemical oxygen demand and COD values observed in Phase I. BOD_5 and COD were not analyzed in the reference areas.

Exhibit 7-19 BOD_5 and COD (mg/L) in Bayou d'Inde

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
BOD_5 in Bayou	2.85	10.4	6.4	3.6
COD in Bayou	71	83.2	76	5.9
BOD_5 in Marsh	3.5	7.3	-	-
COD in Marsh	55.4	196	-	-

1 – Values based on ROS. See Appendix D.

BOD_5 levels increased from Reach 1 to Reach 4 with the maximum located at station BIR5004. The high BOD_5 values may be due to urban and agricultural runoff in the upper segments of the bayou. Within the marsh energy area, BOD_5 levels did not vary greatly. There is little variation in COD values throughout Bayou d'Inde indicating that industrial discharges do not significantly affect the oxygen demand in the system.

7.4.3.1 Porewater

Porewater is the water occupying space between sediment particles. DOC, salinity, conductivity, hardness, total alkalinity, ammonia as N, unionized ammonia, and pH were measured at ten sample locations in Bayou d'Inde. DOC and salinity are presented in this section whereas discussion of the other parameters is presented in the BERA.

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7.4.3.1.1 Porewater Dissolved Organic Carbon

Porewater DOC is the organic fraction of carbon in water that is filterable. DOC plays a role in the fate and transport of trace elements in the subsurface as well as influences the bioavailability of hydrophobic compounds. In saline environments, dissolved organic matter is removed from the water to the sediment phase, which can effectively sorb hydrophobic chemicals (Chapman et al 2001). Porewater DOC was measured in Phase II only and presented in Exhibit 7-20.

Exhibit 7-20 Porewater DOC (mg/L) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou	2.52	23.09	14.31	6.01
Marsh	8.43	16.6	11.1	2.7
Reference Area	2.29	13.52	4.78	3.41

1 – Values based on ROS. See Appendix D.

7.4.3.1.2 Porewater Salinity

As discussed previously, salinity is a measure of TDS in water. Porewater salinity was measured in Phase II only and is presented in Exhibit 7-21.

Exhibit 7-21 Porewater Salinity (ppt) in Bayou d'Inde and the Reference Area

Parameter	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation
Bayou	11	22	19.2	3.1
Marsh	15	23	20.6	2.2
Reference Area	12	24	17.1	3.8

1 – Values based on ROS. See Appendix D.
2 – Results from Phase II only

The difference between salinity measurements in surface water and porewater are most likely related to sediment type and duration of sediment exposure to surface water salinity conditions (Chapman et al 2001). Equilibrium between surface water and porewater is slow in sediments containing higher percentages of fine particles such as clay and silt (Chapman et al 2001).

7.5 Nature and Extent for the Bayou Energy System

The results and discussion section is organized into four sections: COPCs identified for the bayou energy system (Section 7.5.1), the results of the PCA (Section 7.5.2), and contaminants that showed little or no correlation to other contaminants or parameters (Section 7.5.3).

Graphical presentation will illustrate the concentrations of an indicator variable that will be representative of the other parameters or constituents in that factor. Key contaminants that were not presented in a factor will be presented in individual figures.

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Appendix D provides details of the PCA and complete summary statistics for all compounds detected in the bayou energy system in Bayou d'Inde.

7.5.1 COPCs for the Bayou Energy System in Bayou d'Inde

To focus on the COPCs that are the primary risk drivers, energy system specific COPCs were selected for discussion. These energy system specific COPCs were identified by comparing the primary risk drivers from the HHRA and the BERA and comparing those COPCs to reference area conditions. Section 7.5.1.1 presents the results of the statistical comparison of these COPCs between energy system and reference area. Section 7.5.1.2 presents the bayou energy system COPCs identified.

7.5.1.1 Comparison to Reference Areas

Results of the WRS test are presented in Table 7-11. Contaminant concentrations that were determined to have a statistically significantly difference when compared to the reference area are:

- SVOCs (BEHP, HCB, and HCBD)
- PAHs (as pyrene)
- Total PCBs (as Aroclor 1254)

- Pesticides (aldrin and dieldrin)
- Dioxin/Furans (as 2,3,7,8 TCDD TEQ)
- Inorganics (arsenic, barium, chromium, copper, lead, mercury, and zinc)

7.5.1.2 COPCs Selection

Energy system specific COPCs for Bayou d'Inde were selected by determining if the COPC is a risk driver in the HHRA or the BERA and the concentration was determined to have a statistically significant difference when compared to the reference area conditions (Table 7-12). The following COPCs were selected for the bayou energy system in Bayou d'Inde:

- SVOCs (BEHP, HCB, HCBD)
- PAHs (as Low and High Molecular Weight)
- PCBs
- Pesticides (aldrin)
- Dioxin/Furans
- Inorganics (chromium, copper, lead, mercury, and zinc)

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The nature and extent as well as the fate and transport of these COPCs will be discussed in Sections 7.5.2 (PCA) and 7.5.3 (Isolated Chemistry).

7.5.2 PCA

The PCA revealed four dominant factors that accounted for most of the variability (63%) in surface sediment within Bayou d'Inde. These factors are:

- Medium to high-level concentrations of major cations, metals and PAHs (Major Cations/Metal/PAH Factor) that accounts for 18 percent of the variability.
- Medium to high-level concentrations of furans/dioxins and metals (Furan/Dioxin/Metal Factor) that accounts for 18 percent of the variability.
- Medium to high-level concentrations of dioxins, PAHs, PCBs, and metals (Dioxin/PAH/PCB/Metal Factor) that accounts for 16 percent of the variability.
- Medium to high-level of concentrations of pesticides (Pesticide Factor) that accounts for 12 percent of the variability.

These factors present groups of parameters and/or contaminants that tend to correlate with each other and explain variability in the data set.

7.5.2.1 Major Cations/Metals/PAH Factor

This section presents the extent of the Major Cations/Metals/PAH Factor and discussion as to the fate and transport of contaminants in this factor.

7.5.2.1.1 Results

Various metals and cations as well as two PAHs and a pesticide were grouped in this factor. The metals grouped in the factor are at low level concentrations are similar to reference area conditions. However, the PAHs and the pesticide represent contamination to the bayou. The cations help to explain compound fate and transport in the system. In addition to major cations, clay and sand were grouped within this factor. Sand was negatively correlated to the contaminants, signifying that areas within the bayou with a low percentage of sand (or high percentage of clay) would be more likely to have higher concentrations of contaminants grouped within this factor. Summary statistics are presented in Exhibits 7-22 through 7-24.

Exhibit 7-22 Summary Statistics of Inorganics (mg/Kg) in Major Cations/Metals/PAH Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Beryllium	83/87	0.27	1.2	0.8	0.2	0.3
Iron	87/87	5,610	25,900	13,718	4,398	0.3
Magnesium	87/87	1,520	11,100	3,926	1,327	0.3
Potassium	87/87	886	4,150	2,183	688	0.3
Vanadium	87/87	9.3	59.2	24.1	9.1	0.4
Aluminum	87/87	4,390	28,100	13,399	5,003	0.4
Arsenic	87/87	1.3	8.4	4.0	1.3	0.3
Cobalt	87/87	2.6	16.1	6.0	1.9	0.3
Manganese	87/87	59.4	1,020	211	127	0.6
Sodium	87/87	3,380	21,100	9,389	3,903	0.4

1 – Values based on ROS. See Appendix D.

Exhibit 7-23 Summary Statistics of PAHs (µg/Kg) in Major Cations/Metals/PAH Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Benzo(a)anthracene	21/97	33.7	1,950	127.9	244	1.91
Benzo(b)fluoranthene	21/98	54.1	1,990	169	255	1.50

1 – Values based on ROS. See Appendix D.

Exhibit 7-24 Summary Statistics of Pesticides (µg/Kg) in Major Cations/Metals/PAH Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detect	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Endrin Aldehyde	25/99	0.86	77	5.32	11.92	2.24

1 – Values based on ROS. See Appendix D.

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Benzo(a)anthracene was used as the indicator variable for this factor.

Surface Sediment

Elevated concentrations of contaminants grouped within this factor were located in 4 areas within the bayou energy system (Figure 7-4). The first area is located in Reach 4 approximately 120 to 250-m downstream of I-10. This area showed lower concentrations in comparison with the other areas in Bayou d'Inde and concentrations were consistent among Reach 4 sample locations.

The second area is located 52 m upstream to 250 m downstream of LA-108. Elevated concentrations were primarily between LA-108 and the railroad crossing. Concentrations of HPAHs are the highest in Bayou d'Inde at this location (BIR4015) measured at 23,000 µg/Kg. Concentrations decreased downstream. In Reach 1 the second highest concentration was recorded at 5,820 µg/Kg.

In Maple Fork Bayou at station BIR3024, an area from about 250 to 650-m from the mouth of Maple Fork Bayou reported elevated concentrations at 4,000 µg/Kg. Contaminant concentrations are more varied within Maple Fork Bayou with high detections located at both ends of this segment.

The Reach 1 HPAH impacted area encompasses the region approximately 1,125 to 375-m from where Bayou d'Inde flows into the Calcasieu River Ship Channel. Concentrations are varied within this area as well.

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Subsurface Sediment

Benzo(b)fluoranthene and benzo(b)anthracene concentrations in subsurface sediment decrease with depth, similar to HPAHs in the bayou energy system (Figure 7-4). Within Reach 1, HPAH concentrations increase at station BIR1003 (near the confluence of PPG Canal and Bayou d'Inde) from 220 to 2,420 µg/Kg whereas stations BIR1010 and 1012 (within the lower one-third of Bayou d'Inde Reach 1) decrease with depth. BIR1014 (near the mouth of Bayou d'Inde) increases from 260 µg/Kg in surface sediment to 900 µg/Kg in the 10 to 20-cm interval before decreasing in the 20 to 30-cm interval (280 µg/Kg).

In Reach 2, at station BIR3024, HPAH concentrations decrease with depth from 619 to 195 µg/Kg. Station BIR4015, in Reach 3, concentrations increase sharply from 398 to 1,430 µg/Kg in the 10 to 20-cm interval. HPAHs were not detected in the 20 to 30-cm interval at station BIR4015.

Surface Water

PAHs were not detected in surface water samples within the bayou energy system in Bayou d'Inde.

7.5.2.1.2 Discussion

Distribution of the compounds detected in the Major Cations/Metals/PAHs factor for the bayou energy system are found at concentrations of potential concern in Reaches 1 and 3, and in Maple Fork Bayou. The primary COPCs in this correlated group of detections are HPAHs. The HPAHs correlate with a broad group of major cations and associated metals. This group of cations and metals appear to represent clay local mineralogy and the association with sediment sodium may indicate sediment deposition under saline conditions.

The maximum HPAH concentrations were found in Reach 3, at 23,000 µg/Kg. The lateral extent in Reach 3 is limited, it appears that the release was localized, possibly entering Bayou d'Inde near BIR4015 (near Citgo Outfall 001) and that the PAHs salted-out of solution, binding with sediments and have remained in the immediate local area. The core data suggests that this release has been relatively recent as the concentrations of HPAHs in BIR4015 decrease in the 10 to 20-cm and 20 to 30-cm samples. The concentrations in these lower horizons are 1,400 µg/Kg and non-detect, respectively. Conversely, historic data from 1992 studies found that HPAH concentrations ranged from 239 to 24,900 µg/Kg throughout Reach 3. Compared to core data from BIR 4015, this would indicate that surface material has moved within Reach 3. Current conditions are similar to those of 1992 and it appears that the potential for sediment mobility in Reach 3 exists currently.

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The second highest occurrence of HPAHs is in Reach 1 of Bayou d'Inde. The surface sediment concentrations range from 260 to 5,820 µg/Kg. The distribution is not linear, but scattered from the confluence of the PPG Canal to the mouth of Bayou d'Inde. The surface sediment distribution may be attributed to two things, the generally lower percentage of clay in the Reach 1 sediments lead to the more isolated concentrations of HPAHs, and sediment mobility, or localized sources related to oil and gas production activities. The subsurface data from Reach 1 indicates a similar variability in the lateral distribution and concentration gradients. An example of the total HPAH concentration variability in Reach 1 is the variability noted in the following vertical profiles:

Reach 1

- BIR1003: 290 µg/Kg, 1,000 µg/Kg, 2,420 µg/Kg (maximum is in the 20 to 30-cm interval)
- BIR1010: 3,010 µg/Kg, 1,880 µg/Kg, 2,200 µg/Kg (maximum is in the 0 to 10-cm interval)
- BIR1012: 5,820 µg/Kg, 24 µg/Kg, 413 µg/Kg (maximum is in the 0 to –10-cm interval)
- BIR1014: 260 µg/Kg, 900 µg/Kg, 280 µg/Kg (maximum is in the 10 to 20-cm interval)

Previous studies found that HPAH concentrations were higher in surface sediments than detected in the RI. The data from 1992 ranged from 7,920 to 17,870 µg/Kg, which was also higher than that observed in any of the cores collected during the RI. This suggests that surface sediment may have been removed from the area. The variability in the RI core data supports this interpretation.

The third area of elevated HPAHs is in Maple Fork Bayou. The elevated concentrations are detected in the middle portion of the bayou. No known sources are present in this area. Potential sources are pipeline and railroad crossings located within 150 m of the detected maximum as well as runoff from I-10 approximately 300 to 500 m to the upstream. The vertical distribution of contaminant concentrations in BIR 3024 in Maple Fork Bayou shows a marked decrease with depth (4,200 µg/Kg, 630 µg/Kg, and 195 µg/Kg [0 to 10, 10 to 20, and 20 to 30-cm, respectively]). Elevated surface concentrations are noted in several of the adjacent sample locations in Maple Fork Bayou. Maple Fork Bayou was not sampled in previous studies, therefore no temporal evaluation beyond the subsurface core data is available.

7.5.2.2 Furan/Dioxin/Metal Factor

This section presents the extent of the Furan/Dioxin/Metal Factor and discussion of the fate and transport of contaminants in this factor.

7.5.2.2.1 Results

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The Furan/Dioxin/Metal Factor is comprised of five furan congener groups and one dioxin congener group. In addition, the beta-BHC, hexachloro-1,3-butadiene, phenol, copper, lead mercury, and nickel are grouped in this factor. Controlling 18% of the variance, the Furan/Dioxin/Metal Factor is the result of contamination introduction to the bayou. Summary statistics for the parameters that group within this factor are presented in Exhibits 7-25 through 7-27.

Exhibit 7-25 Summary Statistics of Furans and Dioxins (ρg/g) in Furan/Dioxin/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Total HxCDF	27/27	21	36,000	2,354	8,639	3.67
OCDF	27/27	39	290,000	17,547	69,755	3.98
Total TCDF	27/27	12	11,000	806	2,609	3.24
Total PeCDF	26/27	12	25,000	1,576	6,019	3.82
Total HpCDF	27/27	46	54,000	3,637	12,892	3.54
Total TCDD	25/27	1.29	120	17.6	27.7	1.57

1 – Values based on ROS. See Appendix D.

Exhibit 7-26 Summary Statistics of Organic Parameters (µg/Kg) in Furan/Dioxin/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Beta-BHC	28/98	5.2	300	28.0	69.6	2.48

Hexachloro-1,3-butadiene	8/98	100	1,600	(-)	(-)	(-)
Phenol	9/98	49	400	(-)	(-)	(-)

1 – Values based on ROS. See Appendix D.
(-) – Mean value not calculated due to estimation of distribution becomes less accurate for less than 20% detected.

Exhibit 7-27 Summary Statistics of Inorganic Parameters (mg/Kg) in Furan/Dioxin/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Mercury	73/99	0.0698	3	0.65	0.76	1.17
Copper	98/99	8.27	280	60.2	46.6	0.77
Nickel	99/99	4.64	53.8	19.5	9.4	0.48
Lead	94/99	7.45	218	38.1	25.4	0.67

1 – Values based on ROS. See Appendix D.

Nickel was used as the indicator variable to discuss the contamination present in the bayou energy system of Bayou d'Inde.

A brief discussion of the nature and extent of the COPCs grouped in this factor is presented below.

Surface Sediment

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As shown in Figure 7-5, elevated concentrations are located in Reach 3 and downstream of Maple Fork Bayou to the Calcasieu River Ship Channel. Reach 3 had variable concentrations throughout the area with elevated concentrations observed at the following: the entry of Little Bayou d'Inde into Bayou d'Inde; 525 m downstream of Little Bayou d'Inde; 215 m downstream of Citgo outfall 001 approximately where a Firestone outfall empties into Bayou d'Inde; and near the railroad crossing at LA-108 outfall area of Westlake Polymers and OxyChem.

The concentrations in Maple Fork Bayou are elevated with concentrations increasing from I-10 the confluence of Maple Fork Bayou and Bayou d'Inde (approximately 275 m upstream of the confluence in Maple Fork Bayou). Once in Bayou d'Inde, concentrations remain constant until Reach 1 where they increase. Reach 1 was observed to have the highest detects, specifically from 190 m upstream of the mouth of PPG Canal to 1,000 m downstream of PPG Canal in Bayou d'Inde.

Subsurface Sediment

At stations BIR1003 and BIR1010, HCBD concentrations increased in the subsurface (Figure 7-5). At station BIR1012, HCBD was detected in the surface sediment sample and at the 20 to 30-cm interval, but was not detected in the middle interval. At station BIR1014, HCBD was not detected in the surface sediment (most likely due to high detection limits), but it was detected in the subsurface at decreasing concentrations.

Mercury concentrations tended to decrease with depth in Reach 1 (Stations BIR1003, BIR1010, and BIR1012) with the exception of station BIR1014 (Figure 7-5). At station BIR1014, mercury concentrations decreased in the 10 to 20-cm layer and increasing in the 20 to 30-cm layer. In the upper reaches at station BIR3024 and BIR4015, mercury concentrations were higher in the 10 to 20-cm interval. BIR3024 exhibited the highest concentration of mercury of all subsurface samples with a result of 4.8 mg/Kg in the 20 to 30-cm layer. Mercury was not detected in the subsurface at station BIR4017.

With the exception of stations BIR1010 and BIR1012 (Reach 1), copper concentrations decreased with depth (Figure 7-5). At station BIR1010, concentrations decreased from the surface sample to the 10 to 20-cm interval sample. Concentrations in the 20 to 30-cm interval, however, had the highest concentration for copper for subsurface samples with an observed value of 195 mg/Kg. Copper behaved similarly at station BIR1012.

In Reach 1, lead concentrations increased in the 20 to 30-cm interval at station BIR1003 and BIR1014 and decreased in the 20 to 30-cm interval (Figure 7-5). Highest concentration for lead in the subsurface for lead was observed at station BIR1014 with a value of 83 mg/Kg. In Reaches 2 and 3, lead concentrations decreased in the subsurface.

Dioxin/furans in the subsurface will be discussed as a whole as 2,3,7,8-TCDD TEQ in Section 7.5.3.5.

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Surface Water

Copper, lead, mercury, and nickel were detected in surface water samples collected in the bayou energy system in Bayou d'Inde. Exhibit 7-28 presents the total and dissolved (if detected) concentrations of these contaminants and compares them to EPA Ambient Water Quality Regulations (AWQC; as reported in the Federal Register 1995) criteria continuous concentration (CCC; chronic) and criteria maximum concentration (CMC; acute) values and/or LDEQ Water Quality Regulation (LDEQ 2000) for both freshwater and marine environments. For systems with salinity between 1 and 10 ppt, the more stringent of either fresh or marine values should be used to compare with mean dissolved concentrations. In cases where the dissolved phase was not detected, the surface water criteria for that contaminant were converted to an unfiltered criterion using a conversion factor provided in LDEQ 2000.

Exhibit 7-28 Mean & Standard Deviation of Total and Dissolved Concentrations (mg/L) in Furan/Dioxin/Metal Factor in Surface Water, Bayou Energy System

Analyte	Mean Total[1]	Mean Dissolved[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Copper	0.0082 (0.0032)	0.0082 (0.0071)	0.035[3]	0.022[3]	**0.00363**	**0.00363**
Lead	0.0022 (0.0005)	0.00195 (0.0002)	0.138[3]	0.00531[3]	0.209	0.00808
Mercury	0.0001 (0.00005)	0.0001[2]	0.0017[3]	0.00001[3]	0.0017	**0.000021**
Nickel	0.0112 (0.0123)	0.0103 (0.0118)	2.49[3]	0.279[3]	0.074	**0.0082**

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
2 – Only detected in one sample.
3 – LDEQ Water Quality Regulations (LDEQ 2000) based on 200 mg/L hardness for dissolved concentrations.

Dissolved copper concentrations exceed both the acute and chronic criterion for marine surface water. The highest dissolved concentration of copper observed was at station BIR4004 in Reach 3 with a value of 0.0231 mg/L. This maximum concentration also exceeds the chronic criteria for freshwater. Dissolved mercury and nickel concentrations exceeded the chronic criteria for marine surface water. Dissolved mercury was only detected at one location, ECOBI014. The highest concentration of dissolved nickel was observed at BIR1004 with a concentration of 0.0348 mg/L.

7.5.2.2.2 Discussion

The Furan/Dioxin/Metal Factor is comprised of five furan congener groups and the COPCs HCBD, copper, mercury, lead, and nickel. As noted above, the extent of the dioxin/furans and metals compounds is represented by the distribution of nickel. Elevated concentrations of this group of compounds are noted from 650 m upstream of the Maple Fork Bayou confluence with Bayou d'Inde through to the ship channel. Concentrations are greatest around the PPG Canal and Citgo outfall 001.

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Mercury is found to occur in the middle reaches of Maple Fork Bayou at elevated levels, albeit lower than those in Reach 1. It appears that mercury is entering Bayou d'Inde from various sources. Potential sources in Lockport Marsh include oil field (gas metering) equipment. Available data do not indicate known discharge to Maple Fork Bayou. Mercury is managed on-site at a number of facilities throughout Bayou d'Inde (OxyChem, Firestone and PPG) and each has had reported releases or NPDES exceedances. Comparison of some metals total versus dissolved concentrations in surface water illustrates the degree of suspended or colloidal phase material in Bayou d'Inde. An example is dissolved phase copper. Dissolved copper was less than total copper, indicating adsorption to suspended phase material. This finding is significant as suspended phase transport may be a major process for some PAHs, PCBs, metals, and dioxins.

Copper tends to have similar distribution, with the exception that elevated concentrations of copper are noted in two places: downstream of Maple Fork Bayou in Bayou d'Inde and downstream of Citgo outfall 001. Copper tends to become more soluble in saline waters due to chlorine complexing and this may account for the greater downstream extent of copper.

The occurrence of lead is fairly consistent throughout Bayou d'Inde. Levels are generally greater than the reference areas and less than values measured in previous studies. The distribution of elevated lead noted during the RI is primarily in and at the confluence of Maple Fork Bayou, upstream of LA-108 and in Reach 1. This distribution is consistent with previous studies.

Historical concentrations of lead were generally higher than those observed in the RI. Concentrations as high as 900 mg/Kg in Reach 2 downstream of Maple Fork Bayou were noted. Concentrations, however, remained near 200 mg/Kg throughout middle Reach 2, decreasing to less than 100 mg/Kg in lower Reach 2. Concentrations increase at PPG Canal and remain elevated (200-400 mg/Kg levels) into the ship channel.

Sources of the dioxin/furan/metal compounds in this factor appear to be Citgo, OxyChem and Westlake Polymers outfall areas and PPG Canal. Lead compounds, formed in the environment due to precipitation processes, are generally stable in the environment, with the exception of chloride complexes, which tend to form more soluble lead and copper compounds. However, the data suggests that the metals observed in sediment are not expected to become mobile or soluble in Bayou d'Inde. Transport of the precipitated compounds adsorbed to sediments, however, is possible and is apparent where sediments are disturbed. The condition is apparent from historical data in lower Reach 1 where sediments with elevated lead concentrations are noted in both Reach 1 and the confluence of Bayou d'Inde and the ship channel. Increased concentrations in Reach 1 may be due to water velocity drops and sediment accumulation.

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HCBD distribution is an exception to the group, its occurrence is isolated to Reach 1 below the PPG Canal; however, and no discernable concentration gradients are noted. The primary source of HCBD is the PPG Canal; however, compound distribution is controlled by the mobility of the sediments to which the compound binds.

7.5.2.3 Dioxin/PAH/PCB/Metal Factor

This section presents the extent of the Dioxin/PAH/PCB/Metal Factor and discussion as to the fate and transport of contaminants in this factor.

7.5.2.3.1 Results

This factor groups various dioxins, PAHs, PCBs, and metals as well as TOC, which may explain the mobility of these contaminants within the bayou energy system. Summary statistics for these contaminants are presented in Exhibits 7-29 through 7-33.

Exhibit 7-29 Summary Statistics of Dioxins (ρg/g) in Dioxin/PAH/PCB/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Total HxCDD	27/27	25.5	1,200	199	259	1.30
Total HpCDD	27/27	92.4	4,700	820	1,001	1.22
OCDD	27/27	593	23,000	5,406	4,732	0.88

1 – Values based on ROS. See Appendix D.

Exhibit 7-30 Summary Statistics of PAH (µg/Kg) in Dioxin/PAH/PCB/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Fluoranthene	28/98	76	3,560	236	453	1.92
Pyrene	38/98	85	2,550	248	346	1.40

1 – Values based on ROS. See Appendix D.

Exhibit 7-31 Summary Statistics of SVOCs (µg/Kg) in Dioxin/PAH/PCB/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Benzaldehyde	6/97	41	290	-	-	-

1 – Values based on ROS. See Appendix D.
(-) – Mean value not calculated due to estimation of distribution becomes less accurate for less than 20% detected.

Exhibit 7-32 Summary Statistics of PCBs (µg/Kg) in Dioxin/PAH/PCB/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Aroclor 1260	4/98	59	190	-	-	-

1 – Values based on ROS. See Appendix D.
(-) – Mean value not calculated due to estimation of distribution becomes less accurate for less than 20% detected.

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Exhibit 7-33 Summary Statistics of Inorganics (mg/Kg) in Dioxin/PAH/PCB/Metal Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Chromium	87/87	7.1	231	46.5	33.9	0.73
Silver	39/99	3,380	21,100	9,389	3,903	0.42

1 – Values based on ROS. See Appendix D.

Pyrene was used as the indicator variable to describe the distribution of contaminants grouped in this factor. Dioxin/furans distribution and fate and transport are discussed as a whole as 2,3,7,8-TCDD TEQ. The detail is provided in Section 7.5.3.5.

Surface Sediment

Contamination from this factor is present in all four reaches of the bayou energy system (Figure 7-6). With the exception of metals, the dioxins, PAHs, and PCBs are variable in the bayou with three areas of elevated concentration noted.

In Reach 3, elevated concentrations were observed from the area downstream of the CitCon outfall to approximately 200 m downstream of LA-108. Highest concentrations were observed near the Citgo outfall 001 and where the railroad crosses the bayou at LA-108.

Maple Fork Bayou was also observed to have elevated concentrations of dioxins, PAHs, and metals from approximately 260 m to 675 m downstream of I-10. Aroclor 1260 was not detected in the Maple Fork Bayou.

In Reach 1, station BIR1010 was reported to having high concentrations. Concentrations decreased both upstream and downstream from this location.

Subsurface Sediment

Pyrene and fluoranthene decreased in concentration in the subsurface or concentrations remained similar (Figure 7-6). Station BIR1003 did exhibit increasing concentrations from surface to the deeper interval with values increasing from 220 to 2,420 µg/Kg. See discussion in Section 7.5.2.1.1.

Chromium had similar concentrations with depth for samples in Reach 1 (Figure 7-6). Stations BIR3024, BIR4015, and BIR4017 had increasing chromium concentrations from the surface sediment layer to the 10 to 20-cm interval and then decreasing in the 20 to 30-cm interval. Station BIR3024 exhibited the highest chromium concentration at the middle depth interval (20 to 30 cm) with a measured value of 357 mg/Kg. Aroclor 1260 was not detected in the subsurface sediments.

Dioxin/furans in the subsurface will be discussed in Section 7.5.3.5.

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Surface Water

Neither PAHs nor PCBs were detected in surface water in the bayou energy system in Bayou d'Inde.

Mean total and dissolved chromium (total) concentrations are presented in Exhibit 7-34 and compared to fresh and marine acute/chronic criterion.

Exhibit 7-34 Mean & Standard Deviation of Total and Dissolved Concentrations (mg/L) in Dioxin/Furan/Metal Factor in Surface Water, Bayou Energy System

Analyte	Mean Total[1]	Mean Dissolved[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Chromium (total)	0.0057 (0.0163)	0.0034 (0.0047)	NA	NA	NA	NA

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
NA – Not available. LDEQ provides criteria for Cr^{3+} and Cr^{6+}.

7.5.2.3.2 Discussion

Reach 1 tends to have the highest concentrations of HPAHs, although the HPAH compounds are found throughout Bayou d'Inde. The occurrence of these compounds is concentrated in three areas: near the Citgo outfall 001; near the highway LA-108 bridge downstream of the Westlake Polymers dock and outfall 002B; and below the PPG Canal. Slightly elevated concentrations of the PAH Factor compounds are noted in the lower to middle portions of Maple Fork Bayou. No documented discharge to Maple Fork Bayou was found, however unidentified sources in the area near the PAH detections may be present.

Sources of PAHs to Bayou d'Inde appear to be Citgo outfall 001, Westlake Polymers outfall 002B and the PPG Canal. PAHs are hydrophobic, with strong tendencies to bind to suspended or dissolved organics. The presence of suspended organic material and detritus which is elevated in Reach 1 and Lockport Marsh combined with velocity drops due to bayou geometry appear to make Reach 1 a contaminant sink.

The extent of elevated chromium in Bayou d'Inde is primarily in Reach 2 and Reach 3. The bayou energy system concentrations are highest in Maple Fork Bayou and in Bayou d'Inde downstream of the confluence with Maple Fork Bayou. The concentrations are higher than the reference area, both for mean and maximum values. The distribution of sediment concentrations indicates decreasing concentrations downstream of apparent sources. Concentrations noted in the RI are generally lower than those observed during previous studies.

Historically, the highest concentrations of chromium were found in Reach 3, near the Citgo outfall 001 (2,610 mg/Kg). Concentrations were also elevated downstream of the Westlake Polymers outfall 002B area near Reach 2.

Potential sources are numerous, as many of the facilities handle chromium and many of them have had releases to Bayou d'Inde. However, it appears that the Citgo outfall 001 and Westlake Polymers outfall 002B area are primary contributors in Reach 3, as is the PPG Canal in Reach 1.

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Chromium will generally precipitate out in the environment as chromium hydroxide. The hydroxide compound consists of trivalent chromium, which is generally stable in the environment. Chromium is not expected to become more soluble under the conditions present in Bayou d'Inde. Particle transport of the adsorbed chromium, however, is possible.

As noted earlier, the correlation of several different dioxin/furans in more than one PCA factor resulted in a standalone discussion of 2,3,7,8 TCDD TEQ occurrence. This is considered the most comprehensive approach to presenting dioxin/furan data. The grouping of hepta-, hexa- and octa-dioxins with the dioxin/PAH/PCB/Metal factor here appears to be related to the spatial distribution. The common thread may be the distribution noted in Reaches 2 and 3, possibly associated with the railroad line.

7.5.2.4 Pesticides Factor

This section presents the extent of the Pesticides Factor and discussion as to the fate and transport of contaminants in this factor.

7.5.2.4.1 Results

The Pesticide Factor is comprised of several pesticides. Summary statistics for the parameters that group within this factor are presented in Exhibits 7-35.

Exhibit 7-35 Summary Statistics of Pesticides (µg/Kg) in Pesticide Factor in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Aldrin	20/99	0.65	370	9.67	48.2	4.98
Gamma-BHC	9/98	1.9	23	-	-	-
4,4'-DDE	26/99	0.63	120	4.85	15.2	3.14
Endosulfan Sulfate	32/99	0.93	110	6.19	15.7	2.53
Heptachlor	5/98	50	240	-	-	-
Hexachlorobenzene	11/98	630	24,000	-	-	-

1 – Values based on ROS. See Appendix D.
(-) – Mean value not calculated due to estimation of distribution becomes less accurate for less than 20% detected.

Hexachlorobenzene (HCB) was used as the indicator variable for this factor.

Surface Sediment

Elevated pesticide and HCB concentrations are located in Reach 1, from PPG Canal to where Bayou d'Inde flows into the Calcasieu River Ship Channel (Figure 7-7). Concentrations decrease from PPG Canal to approximately 780 m downstream (BIR1008), where they become elevated again. Pesticide concentrations become variable from BIR1008 to the ship channel.

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Subsurface Sediment

Aldrin was the only pesticide COPC detected in the subsurface. At station BIR1010, the aldrin concentration decreased from 370 µg/Kg in the surface sediment to 300 µg/Kg in the 10 to 20-cm interval. It was not detected in the 20 to 30-cm interval.

HCB at stations BIR1003 and BIR1010 exhibited higher concentrations in the 20 to 30-cm interval than in the upper layers of the sediment (Figure 7-7). Concentrations decreased from the surface to the 10 to 20-cm interval before increasing significantly in the 20 to 30-cm interval. At station BIR1014, HCB concentrations were higher in the middle depths (10 to 20-m interval), with similar concentrations in the surface and 20 to 30-cm interval.

Surface Water

Contaminants within the Pesticide Factor were not detected in surface water in the bayou energy system in Bayou d'Inde.

7.5.2.4.2 Discussion

A significant portion of Bayou d'Inde data variability is explained by the data referred to as the Pesticide Factor. The factor is comprised of several pesticides including aldrin and HCB. These two compounds are COPCs in terms potential human risk and/or ecological risk. They are the focus of the following fate and transport discussion.

Pesticides were not detected extensively throughout Bayou d'Inde; they are limited to Reach 1. Further, they were each detected in less than 20% of the samples collected in Bayou d'Inde. Sources of pesticides are likely anthropogenic.

The historic occurrence of pesticides tends to correlate with the RI findings. The highest concentration measured in previous studies was at location 6100-04-BDI39 in the PPG Canal. This location had levels of 3,500 and 8,800 µg/Kg aldrin and dieldrin, respectively. Elevated PAHs and BEHP values were also reported at this location.

The behavior of pesticides in Reach 1 appears to be affected by suspended particulate material. The compounds are hydrophobic with generally high log K_{ow} values leading to sorption to organics. However, Reach 1 of the bayou system generally contains less TOC than Reaches 2 or 3. Pesticides have an affinity for organic-rich, fine-grained materials; however the Reach 1 matrix is 55% silts and clay, and 45% sand, which has a lower silt and clay content than either Reaches 2 or 3 (Figure 7-3). One explanation may be the mobilization and re-suspension of pesticide-sorbed colloidal phase material and collection/deposition in Reach 1. Anthropogenic use of detected pesticides is common throughout the region to control a variety of pests. The accumulation of these compounds in the Reach 1 sediments appears not to be an issue of release or source, but one of deposition.

Dissolved organics and TSS content are locally higher due to input from PPG Canal and Lockport Marsh and this may control the deposition or coagulation of these fine-grained particles in Reach 1. Reach 1 appears to act as a sediment trap for Bayou d'Inde. It is the broad, deep and an intermediate step to the ship channel, and it is the largest overall geometry in Bayou d'Inde. Significant velocity decreases appear to occur just upstream of the PPG Canal confluence with Reach 1. The organic rich waters of Lockport Marsh and Reach 1 appear to provide a source of algal drift that helps create organic flocculants that bind and precipitate many contaminants (PCBs, PAHs, dioxins, pesticides and metals).

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7.5.3 Isolated Chemistry

Several COPCs that were detected in 5 percent or greater of the samples did not group with the major PCA factor groups previously discussed. These include:

- SVOCs (bis[2-ethylhexyl]phthalate)
- LPAHs
- PCBs (Aroclor 1254)
- Inorganics (zinc)
- 2,3,7,8-TCDD TEQ

These COPCs did not group with the other major factors for one or more of the following reasons:

- The frequency of detection was typically low.
- The distribution of contamination was different than observed for the compounds for the four major factors.

Each of these COPCs is discussed in the following sections. In addition, the nature and extent of dioxin/furans presented as 2,3,7,8-TCDD TEQ is discussed.

7.5.3.1 Bis(2-ethylhexyl)phthalate

This section presents the nature and extent of bis(2-ethylhexyl)phthalate (BEHP) in the bayou energy system in Bayou d'Inde and describes its fate and transport in the environment.

7.5.3.1.1 Results

Surface Sediment

Bis(2-ethylhexyl)phthalate is located throughout the bayou energy system in Bayou d'Inde (Figure 7-8). Concentrations are highly variable as evident by the high correlation coefficient (Exhibit 7-36).

Exhibit 7-36 Summary Statistics of BEHP (µg/Kg) in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
BEHP	64/98	66	80,000	1,573	10,314	6.6

1 – Values based on ROS. See Appendix D.

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Station BIR1003 had the highest concentration at 80,000 µg/Kg, which is located near the mouth of the PPG Canal in Reach 1. Highest mean concentrations are in Reach 1 and Reach 3 at 6,447 (±22,747) µg/Kg and 560 (±1,414) µg/Kg, respectively. Reach 4 had comparable mean concentrations 458 (±376) µg/Kg as Reach 3, but had a lower coefficient of variance. This indicates that sediment concentrations are more consistent.

Subsurface Sediment

BEHP values in the subsurface varied, some locations were found to decrease with depth while others were found to increase. There was not a consistent depositional pattern (Figure 7-8). This may indicate fine-particle deposition and re-mobilization, indicating lower sediment stability.

Surface Water

BEHP was not detected in surface water in the bayou energy system in Bayou d'Inde.

7.5.3.1.2 Discussion

BEHP is present throughout Bayou d'Inde and its range of concentrations is variable. The highest individual and mean concentration is located near the mouth of PPG Canal in Reach 1. However the second highest mean concentration is found in Reach 3, due primarily to elevated levels near Reach 3 industrial outfalls. It appears that BEHP is binding to the suspended particle material and being transported by tidal activity and storm surge throughout the bayou.

Historically, BEHP has been found throughout Bayou d'Inde, and the maximum of 5,700 µg/Kg was detected in lower Reach 1 during the EPA Toxics study in June of 1988. However, levels one-half of that maximum were detected throughout Reaches 2 and 3. BEHP was detected at several locations above 1,000 µg/Kg in Reach 4, hundreds of meters upstream of Little Bayou d'Inde.

Potential sources of BEHP to Bayou d'Inde appear to be the areas near Citgo outfall 001, Westlake Polymers outfall 002B, and PPG Canal. The distribution of BEHP through Bayou d'Inde appears to be the result of significant small particle or colloidal size particle mobilization/transport. The upstream extent of BEHP supports this interpretation, e.g., the increasing TOC levels in Reaches 3 and 4 provide sorption sites for BEHP released into the system near LA-108. Results from the marshes in Reach 2 further support this interpretation. The increase in sediment concentration in Reach 1 downstream of PPG Canal, however, may indicate the addition of BEHP to the system.

Draft

7.5.3.2 LPAHs

This section presents the nature and extent of LPAHs in the bayou energy system in Bayou d'Inde and describes its fate and transport in the environment. LPAHs were calculated by summing the corresponding low molecular weight PAHs that were detected. Non-detects were not included in the summation due to elevated detection limits.

7.5.3.2.1 Results

LPAH contamination was located at 24 stations and was highly variable throughout the energy system (Exhibit 7-37).

Surface Sediment

LPAHs tend to concentrate in four areas in the bayou energy system: downstream of PPG Canal in Reach 1; in Maple Fork Bayou; downstream of LA-108; and downstream of I-10 (Figure 7-9).

Exhibit 7-37 Summary Statistics of LPAHs (µg/Kg) in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detect	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
LPAHs	24/98	5	3,737.8	427.7	901.3	2.1

1 – Values based on ROS. See Appendix D.

The highest LPAH concentration was observed at station BIST008 in Maple Fork Bayou.

Subsurface Sediments

LPAH concentrations varied in the subsurface with stations exhibiting different profiles (Figure 7-9). At stations BIR1003 and BIR1010 concentrations decrease from the surface sediment layer to the 10 to 20-cm layer and then increase in the 20 to 30-cm layer. The deeper interval had the highest observed concentrations ranging from 770 to 1,130 µg/Kg. BIR1012 and BIR3024 had similar gradients showing decreasing concentrations with depth. LPAH concentrations at station BIR1014 and BIR4015 increase in the 10 to 20-cm interval and then decrease in the 20 to 30-cm interval. At station BIR4015, LPAHs were not detected in the surface sediment.

Surface Water

LPAHs were not detected in the surface water in the bayou energy system of Bayou d'Inde.

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7.5.3.2.2 Discussion

LPAHs in the bayou energy system of Bayou d'Inde were detected at 24 locations. Analytical results were highly variable, however, the LPAHs tend to concentrate in four areas: downstream of the PPG Canal in Reach 1, in Maple Fork Bayou, downstream of highway LA-108 and downstream of I-10. The highest concentration of LPAHs was in Maple Fork Bayou.

LPAHs in Reach 1 were found to have the highest concentrations at depth, generally the 20 to 30-cm horizon. In Reach 3 the concentrations tend to decrease with depth. One exception was sample location BIR4015, which did not contain LPAHs in the surface sediment (0-10 cm) interval, only at depth (in the 10 to 20-cm and 20 to 30-cm intervals) (Figure 7-9).

LPAH sources appear to be the Citgo outfall 001 area, Westlake Polymers outfall 001, area and the PPG Canal. LPAHs tend to be more soluble than many other PAHs and the relatively broad distribution, particularly notable in upper Reach 3 and lower Reach 4, may be an indicator of LPAH adsorption to suspended or particulate matter.

7.5.3.3 PCBs

This section presents the nature and extent of Aroclor 1254 and PCB congeners in the bayou energy system in Bayou d'Inde and describes its fate and transport in the environment.

7.5.3.3.1 Results

Surface Sediment

Aroclor 1254 did not correlate with other PCBs or contaminants in the bayou energy system in Bayou d'Inde. Exhibit 7-38 presents the summary statistics for Total PCBs. Appendix D includes the statistics for individual Aroclors.

Exhibit 7-38 Summary Statistics of Total PCBs (µg/Kg) in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detect	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Aroclor 1254	52/99	33	590	80.0	91.9	1.15

1 – Values based on ROS. See Appendix D.

Aroclor was frequently detected in Reach 3. Concentrations in this area range from 37 to 550 µg/Kg and had a higher mean concentration in comparison with the other reaches.

Draft

In Maple Fork Bayou, elevated concentrations were detected at station BIR3024 (Reach 2) and generally decreased in concentration moving downstream toward Bayou d'Inde. Concentrations range from 55 to 310 µg/Kg.

Aroclor 1254 was detected at high concentrations in Reach 1 downstream of PPG Canal to the Calcasieu River Ship Channel. Concentrations range from 33 to 260 µg/Kg.

Two dominant PCB congeners were observed in the bayou energy system in Bayou d'Inde. PCB-118, which tends to have elevated concentrations upstream of Reach 1, and PCB-15, which is more dominant in Reach 1. Figure 7-11 presents the PCB congener data for Bayou d'Inde.

Subsurface Sediment

Aroclor 1254 was detected in the subsurface at BIR3024 in Maple Fork Bayou. Concentrations range from 310 µg/Kg at the 0 to 10-cm, increases to 1,700 µg/Kg and then decreases to 460 µg/Kg.

In addition, at station BIR4015, Aroclor 1254 was detected in all three horizons. It was measured in the three intervals at 52, 4 and 280 µg/Kg, respectively. The maximum was noted in the 20 to 30-cm interval.

At station BIR1003, PCB-15 is the dominant congener in the surface layer and decreases with depth (Figure 7-11). At station BIR1010, PCB-118, PCB-15, PCB-61/70 and PCB-66 are the dominant congeners in the surface sediment. Values tended to decrease slightly in the 10 to 20-cm layer. In the 20 to 30-cm interval, some PCB congeners increase slightly with PCB-15 the dominant PCB congener at that interval (Figure 7-11).

The dominant congeners at station BIR1014 were the same as BIR1010 and decreased slightly in the 10 to 20-cm interval. However, the observed concentrations in the 20 to 30-cm interval were greater than found in BIR1010 at the same interval (Figure 7-11).

Dominant congeners at station BIR3024 include PCB-105, PCB-118, PCB-162, PCB-61/70 and PCB-66. The congeners are similar to that of Reach 1 with one exception; in BIR3024 PCB-15 was not a dominant congener. In addition, PCB congener concentrations increased in the 10 to 20-cm interval and decreased in the deeper layer.

Surface Water

Aroclor 1254 was not detected in the surface water in the bayou energy system in Bayou d'Inde. PCB congeners were not analyzed in surface water.

7.5.3.3.2 Discussion

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Aroclor 1254 was detected in sediment downstream of Little Bayou d'Inde. Reach 3 had the greatest number of locations where it was detected, however, Reach 1 exhibited the highest concentration.

Occurrence with depth was variable at station BIR4015, with concentrations decreasing in the middle horizon and then increasing in the deeper interval. This may indicate scouring or movement of material due to flow entering Bayou d'Inde.

PCB congener profiles vary by reach in Bayou d'Inde. In Reach 1, the dominant congeners in surface sediment are PCB-15, PCB-61/70, PCB-66 and PCB-118. At depth in Reach 1, the dominant congener is PCB-15. Upstream at station BIR3024 the dominant congeners differ; where PCB-118 in surface sediment and PCB-105 in subsurface sediment were present and PCB-15 concentrations were insignificant. It appears that deposition of PCBs is ongoing, particularly in Reach 1, and the result of two different sources. The primary potential source of PCBs in Reach 3 appears to be the East and West Impoundments operated by OxyChem. The impoundments operated for several years and were closed in 1999 (CRA Services, 1999). The source of PCBs in Reach 1 may be the result of air deposition and/or storm runoff/surface water transport from the PPG TSCA incinerator.

Aroclor 1254 is not likely to desorb from sediments; the high sorption capability leads Aroclor 1254 to bind strongly to sediments. Aroclors are typically transported only through physical transport of the sediments to which they adsorb.

Historical Total PCB data indicates that concentrations have ranged from 160 to 22,200 µg/Kg. The maximum detection was in Reach 3 downgradient of the Citgo outfall 001 area, however positive detections were found throughout Reaches 1 through 3. Elevated concentrations tended to be most consistent in the PPG Canal. Aroclor or congener data is not available for historic data.

7.5.3.4 Zinc

This section presents the nature and extent of zinc in the bayou energy system in Bayou d'Inde and describes its fate and transport in the environment.

7.5.3.4.1 Results

Surface Sediment

Elevated zinc concentrations are located primarily in and downstream of Maple Fork Bayou and in Reach 3, upstream of LA-108 (Figure 7-12). Exhibit 7-39 presents the summary statistics and shows that concentrations are fairly consistent with a coefficient of variance of 0.6.

Exhibit 7-39 Summary Statistics of Zinc (mg/Kg) in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Zinc	87/99	39.7	700	177	107	0.6

1 – Values based on ROS. See Appendix D.

Draft

Reach 2 had the highest mean concentration (221 ±164 mg/Kg) and had the highest variability in concentration. Two areas that have the highest concentrations are in Maple Fork Bayou and an area 854 to 1,400 m downstream of the confluence of Maple Fork and Bayou d'Inde.

Subsurface Sediment

Zinc was detected at all the multi-depth locations with the exception of station BIR1014 (Figure 7-12). Zinc concentrations decreased in the subsurface with the highest concentration observed (209 mg/Kg) at station BIR3024 in the 20 to 30-cm interval.

Surface Water

Zinc was detected in surface waters samples in the bayou energy system in Bayou d'Inde. Exhibit 7-40 presents the mean total and dissolved concentrations and compares the values to LDEQ acute and chronic criterion.

Exhibit 7-40 Mean & Standard Deviation of Total and Dissolved Concentrations (mg/L) in Metal Factor in Surface Water, Bayou Energy System

Analyte	Mean Total[1]	Mean Dissolved[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Zinc	0.009 (0.003)	0.0134 (0.003)	0.205[2]	0.187[2]	0.090	0.081

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
2 – LDEQ Water Quality Regulations (LDEQ 2000) based on 200 mg/L hardness for dissolved concentrations.

Mean zinc concentrations did not exceed LDEQ criterion.

7.5.3.4.2 Discussion

Distribution of zinc in Bayou d'Inde is consistent with the occurrence of lead. Zinc is found at the confluence of Maple Fork Bayou, and upstream of LA-108. Mean and maximum concentrations for zinc are greater in comparison to concentration data from the reference area.

Zinc was found in previous studies in the same general areas as the RI. Historically, the highest concentration (771 mg/kg) was detected approximately 700 m downstream of Citgo outfall 001. Moderate concentrations (200 to 400 mg/Kg) were noted in Reach 2 downstream of the Maple Fork Bayou confluence and throughout Reach 1.

Sources appear to be the Citgo and Westlake Polymers outfall areas and PPG Canal. Zinc precipitates as hydroxides or carbonates and adsorbs to suspended and colloidal phase organic materials and transport via suspended bed load is common. The low coefficient of variability for zinc and its widespread distribution in Bayou d'Inde indicates that this may be occurring. Transport of these smaller particles increases where sediments are disturbed, as is common in Bayou d'Inde due to barge traffic.

Draft

7.5.3.5 2,3,7,8-TCDD TEQ

This section presents the nature and extent of 2,3,7,8-TCDD TEQ in the bayou energy system in Bayou d'Inde and describes its fate and transport in the environment. Dioxin/furans were evaluated as 2,3,7,8-TCDD TEQ solely, since various dioxins/furans are grouped with different factors.

7.5.3.5.1 Results

Surface Sediment

Elevated concentrations of 2,3,7,8-TCDD were located primarily in the lower reaches of Bayou d'Inde. The distribution of contamination is presented in Figure 7-13 with elevated concentrations found at BIR1004 (2,314 ρg/g) and BIR1010 (969 ρg/g); summary statistics are presented in Exhibit 7-41.

Exhibit 7-41 Summary Statistics of 2,3,7,8-TCDD TEQ (ρg/g) in Surface Sediment, Bayou Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
2,3,7,8-TCDD TEQ	25/25	1.78	2,314	184	568	3.1

1 – Values based on ROS. See Appendix D.

Mean concentrations decrease from Reach 1 (651 ±1,014 pg/g) to Reach 4 (19 ±27 pg/g). Coefficient of variance ranges from between 1 and 1.5 for each of the reaches indicating there is limited variability in concentration in the reaches.

Subsurface Sediment

Concentrations of dioxin/furans expressed as 2,3,7,8-TCDD TEQ were typically lower in the subsurface samples (Figure 7-13). Station BIR1012 had concentrations that increased slightly from the 10 to 20-cm interval to the 20 to 30-cm interval. The next highest TEQ concentration was observed in BIR1012 just downstream of BIR1010 with a detection of 251 pg/g. At station BIR3024, concentrations increased from the surface to the 10 to 20-cm interval and then decreased. Highest observed subsurface concentration was at the 10 to 20-cm interval at station BIR3024 with a result of 119 pg/g.

Surface Water

Dioxin/furans were not analyzed in surface water.

Draft

7.5.3.5.2 Discussion

Dioxin/furans expressed as 2,3,7,8-TCDD TEQ provide a unified picture of the area that may exhibit elevated concentrations in comparison to background values observed in the reference area.

Elevated concentrations were noted in the lower reaches of Bayou d'Inde (from 969 to 2,314 pg/g), however dioxin/furan TEQ were also noted in Reach 3. Distribution indicates that the most elevated concentrations are located in Reach 1. Concentrations decreased with depth in Reach 1. Concentrations were highest in Reach 3 in the 10 to 20-cm interval (119 pg/g).

Dioxin/Furans were not analyzed in previous studies, limiting temporal variability discussions. As noted previously, dioxin/furans bind to sediments and are transported only through physical transport of the sediments to which they adsorb.

7.6 Nature and Extent of the Marsh Energy System

The results and discussion section is organized into four sections: COPCs identified for the marsh energy system (Section 7.6.1), the results of the PCA (Section 7.6.2), and isolated contaminants that showed little or no correlation to other contaminants or parameters (Section 7.6.3).

Graphical presentation will illustrate the concentrations of an indicator variable that will be representative of the other parameters or constituents in that factor. Key contaminants that were not presented in a factor will be presented in individual figures.

Appendix D provides details of the PCA and complete summary statistics for all compounds detected in the marsh energy system in Bayou d'Inde.

7.6.1 COPCs for the Marsh Energy System in Bayou d'Inde

To focus on the COPCs that are the primary risk drivers, energy system specific COPCs were selected for discussion. These energy system specific COPCs were identified by comparing the primary risk drivers from the HHRA and the BERA and comparing those COPCs to reference area conditions. Section 7.6.1.1 presents the results of the statistical comparison of these COPCs between energy system and reference area. Section 7.6.1.2 presents the marsh energy system COPCs identified.

7.6.1.1 Comparison to Reference Areas

Results of the WRS test are presented in Table 7-11. Contaminant concentrations that were determined to have a statistically significant difference when compared to reference area concentrations are:

- SVOCs (BEHP, HCB, and HCBD)
- PAHs (as pyrene)
- PCBs (as Aroclor 1254)
- Pesticides (aldrin and dieldrin)
- Dioxin/Furans (as 2,3,7,8 TCDD TEQ)
- Inorganics (arsenic, barium, chromium, copper, lead, mercury and zinc)

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7.6.1.2 COPCs Selection

Energy system specific COPCs for Bayou d'Inde were selected by determining if the COPC is a risk driver in the HHRA or the BERA and the concentration was determined to have a statistically significantly difference when compared to reference area conditions (Table 7-13). The follow COPCs were selected for the marsh energy system in Bayou d'Inde:

- SVOCs (BEHP, HCB, HCBD)
- PAHs (as LPAH and HPAHs)
- Pesticides (aldrin and dieldrin)
- PCBs

- Dioxin/Furans
- Inorganics (arsenic, chromium, copper, lead, mercury, and zinc)

The nature and extent as well as the fate and transport of these COPCs will be discussed in Sections 7.6.2 (PCA) and 7.6.3 (Isolated Chemistry).

7.6.2 PCA

The PCA revealed two dominant factors that accounted for most of the variability (59%) in marsh area surface sediment within Bayou d'Inde. These factors are:

- Medium to high-level concentrations of furans, dioxins and metals (Furan/Dioxin/Pesticide/Metal Factor) that accounts for 25 percent of the variability.
- Medium to high-level concentrations of metals and dioxins (Metal/Dioxin Factor) that accounts for 21 percent of the variability.
- Background physical or major cations (Background Factor) that accounted for 13percent of the variability, but does not group any COPCs.

The Furan/Dioxin/Metal and Pesticide Factors are discussed below. The Background Factor is not be discussed since they do not describe the nature or extent of COPCs in the marsh energy system.

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7.6.2.1 Furan/Dioxin/Metal Factor

This section presents the extent of the Furan/Dioxin/Metal factor and discussion as to the fate and transport of contaminants in this factor.

7.6.2.1.1 Results and Extent

The Furan/Dioxin/Metal Factor is comprised of several dioxin/furans, metals, and a SVOC. This represents medium to high concentrations and controls 25 percent of the variance in the marsh energy system in Bayou d'Inde. Summary statistics for the parameters that group within this factor are presented in Exhibits 7-42 through 7-45.

Exhibit 7-42 Summary Statistics of Dioxin/Furans (ρg/g) in Furan/Dioxin/Pesticide/Metal Factor in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Total PeCDF	23/23	40	14,100	1,487	3,513	2.36
Total HxCDF	23/23	34	18,600	2,089	4,606	2.20
Total TCDF	23/23	77	8,150	1,372	1,931	1.41
Total HpCDF	23/23	98	14,900	2,518	4,121	1.64
Total TCDD	22/23	4	163	34.5	45.3	1.31
OCDF	22/23	310	41,700	7,362	12,293	1.67

1 – Values based on ROS. See Appendix D.

Exhibit 7-43 Summary Statistics of Pesticides (µg/Kg) in Furan/Dioxin/Pesticide/Metal Factor Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Endosulfan Sulfate	45/110	0.86	150	5.04	18.8	3.72
Aldrin	25/109	0.35	320	5.8	41.0	7.07
Beta-BHC	40/109	1.5	480	13.7	58.0	4.23
4,4'-DDE	26/110	0.67	120	3.5	15.9	4.6
Gamma-BHC	4/109	8	30	-	-	-
4,4'-DDD	22/109	0.61	120	4.8	14.5	3.0

1 – Values based on ROS. See Appendix D.
(-) – Mean value not calculated due to estimation of distribution becomes less accurate for less than 20% detected.

Exhibit 7-44 Summary Statistics of Metals (mg/Kg) in Furan/Dioxin/Pesticide/Metal Factor Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Copper	161/162	7.1	943	126	155	1.23
Nickel	150/162	5.1	110	22	16	0.74

1 – Values based on ROS. See Appendix D.

Exhibit 7-45 Summary Statistics of PAHs (µg/Kg) in Furan/Dioxin/Pesticide/Metal Factor Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
1,2-benzphenanthracene	28/160	110	10,400	-	-	-

1 – Values based on ROS. See Appendix D.
(-) – Mean value not calculated due to estimation of distribution becomes less accurate for less than 20% detected.

Draft

Nickel was used as the indicator variable for the constituents in this factor.

Surface Sediment

Contamination by dioxins, furans, pesticides, metals and the PAH, 1,2-benzphenanthracene (1,2-BPA) was observed at sampling locations in the marsh areas of Bayou d'Inde (Figure 7-4). Areas with the highest concentrations include the surrounding area near the mouth of PPG Canal and the interior portions of Lockport Marsh. Elevated concentrations tend to be located near PPG Canal and decrease moving towards the Calcasieu River Ship Channel within Lockport Marsh. Maximum concentrations are typically located at BIST011, which is located in Lockport Marsh near the mouth of PPG Canal. The western half of Lockport Marsh (across Bayou d'Inde) was observed to have elevated concentrations in the northwest corner and decreases toward Bayou d'Inde and the Calcasieu River Ship Channel.

The fringe marshes along the bayou have variable concentrations, but in general tend to decrease upstream from PPG Canal.

Subsurface Sediment

Copper concentrations decreased in the subsurface with the exception of station BIR3046. Concentrations increased from the 10 to 20-cm to the 20 to 30-cm interval. Highest observed subsurface copper concentration was at the 20 to 30-cm interval at station BIR3046 with a result of 692 mg/Kg (Figure 7-5).

Dioxin/furans in the subsurface are discussed as 2,3,7,8-TCDD TEQ in Section 7.5.4.8.

Surface Water

Copper and nickel were detected in both the total and dissolved phase in the marsh energy system. Exhibit 7-46 Presents the mean and standard deviation and compares the concentrations to LDEQ's acute and chronic criterion.

Exhibit 7-46 Mean & Standard Deviation of Total and Dissolved Concentrations (mg/L) in Furan/Dioxin/Pesticide/Metal Factor in Surface Water, Marsh Energy System

Analyte	Mean Total[1]	Mean Dissolved[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Copper	0.0159 (0.0138)	0.0056 (0.0013)	0.035[2]	0.022[2]	**0.00363**	**0.00363**
Nickel	0.0074 (0.0011)	0.0064 (0.0011)	2.49[2]	0.279[2]	0.074	0.0082

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
2 – LDEQ Water Quality Regulations (LDEQ 2000) based on 200 mg/L hardness for dissolved concentrations.

Draft

Dissolved copper concentrations exceeded both the marine acute and chronic criteria in the marsh energy system. The maximum concentration of copper detected was 0.0079 mg/L at station BIR2068.

Dioxin/furans were not analyzed and pesticides/PAHs were not detected in surface water within the marsh energy system in Bayou d'Inde.

7.6.2.1.2 Discussion

Primary occurrence of dioxin/furans in Bayou d'Inde marshes is in Lockport Marsh, however, dioxin/furan were detected in marshes adjacent to Maple Fork Bayou. The highest concentrations were noted at the confluence of PPG Canal, Bayou d'Inde and Lockport Marsh and included total HpCDF, total HxCDF, total PeCDF, total TCDD, OCDF, and nickel. The marsh adjacent to Maple Fork Bayou (station BIR3018) contained the second highest concentrations. The remaining marsh areas were generally an order of magnitude less in concentration.

Copper and nickel concentrations correlated with the dioxin/furans, highest detections were in Lockport Marsh and the Maple Fork Bayou Marsh, as well. Nickel and copper values were higher in the marshes than those measured in the bayou (maximum of 943 mg/Kg in the marsh versus 280 mg/Kg measured in the in the bayou). Dioxin/furans were not sampled at depth in the marshes.

Metals tend to decrease with depth in the Bayou d'Inde marshes. There was one exception, the marsh in middle Reach 2 at BIR3046, located between Maple Fork

Bayou and PPG Canal. The highest copper concentration noted was in the 20 to 30-cm interval in this Reach 2 marsh.

Various pesticides correlated with dioxins and metals and their distribution is generally slightly higher in the marshes than the bayou. Vertical distribution of pesticides was not observed.

Dioxin/furans were not analyzed in previous studies. Maximum copper concentrations have been comparable to that observed in the RI (613 compared to 692 mg/Kg in the RI), whereas nickel was higher in concentration in comparison to previous studies (a maximum of 62 mg/Kg in previous studies compared to 110 mg/Kg in the RI).

Overall, the copper and nickel concentrations appear to be highest in the vicinity of BIR3046 (Reach 2) marsh and Lockport Marsh. This would indicate that these two marshes are contaminant sinks for Reach 3 and Reach 1 dioxin/furan, copper and nickel releases.

Concentrations of 1,2-BPA, which were measured at a maximum of 10,400 µg/Kg in Lockport Marsh and at 4,600 µg/Kg in Reach 1 of Bayou d'Inde indicate that Lockport Marsh is a sink for 1,2-BPA. It is noteworthy that the compound is also largely absent from the remaining marshes, although it is present in Reaches 1 through 3. Lockport Marsh tends to have the highest concentration of TOC and detritus, which may be influential in adsorbing HPAHs.

Draft

1,2-BPA is not expected to desorb from the organic rich sediments in Lockport Marsh. It appears to be most concentrated in the 10 to 20-cm interval, and it is expected, along with the majority of PAHs, to remain at these concentrations. Major storm surge may be capable of disturbing and mobilizing the upper 10 cm of sediment in Lockport Marsh, given its proximity to the ship channel and limited seclusion in the lower portion of the area.

7.6.2.2 Metal/Dioxin Factor

This section presents the extent of the Metal/Dioxin Factor and discussion as to the fate and transport of contaminants in this factor. Dioxin/furans in the subsurface are discussed as 2,3,7,8-TCDD TEQ in Section 7.6.4.7.

7.6.2.2.1 Results

The Metal/Dioxin Factor is comprised primarily of metals and includes total HpCDD and total HxCDD. This factor represents 21 percent of the variability in the marsh energy system. Summary statistics for the parameters that group within this factor are presented in Exhibit 7-47 through 7-48.

Exhibit 7-47 Summary Statistics of Metals (mg/Kg) in Metal/Dioxin Factor in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Iron	148/149	772	28,300	11,626	4,960	0.43
Beryllium	126/149	0.24	2.4	0.76	0.27	0.35
Cobalt	123/149	1.6	10.2	5.5	1.8	0.33
Zinc	151/162	9.9	468	148	99	0.67
Aluminum	149/149	956	25,200	11,159	4,900	0.44
Vanadium	149/149	1.8	34.1	18.1	5.9	0.33
Potassium	142/149	818	3,680	2,201	612	0.28
Cadmium	23/162	0.074	3.8	-	-	-
Chromium	149/149	2.8	774	102	129	1.26

1 – Values based on ROS. See Appendix D.
(-) – Mean value not calculated due to estimation of distribution becomes less accurate for less than 20% detected.

Exhibit 7-48 Summary Statistics of Dioxins (ρg/g) in Metal/Dioxin Factor in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Total HpCDD	23/23	110	2,700	850	725	0.85
Total HxCDD	23/23	17	1,500	306	357	1.17

1 – Values based on ROS. See Appendix D.

Draft

Zinc was used as the indicator variable for this factor.

Surface Sediment

Elevated concentrations of contaminants grouped within the Metal/Dioxin Factor were observed in both Lockport Marsh and the fringe marshes located along the bayou (Figure 7-14). Three areas that exhibited high concentrations include the Lockport Marsh area surrounding the mouth of PPG Canal, the interior of Lockport Marsh, and the fringe marshes located adjacent to and across from Maple Fork Bayou.

Highest concentrations were observed in the fringe marshes near Maple Fork Bayou although elevated concentrations were observed in all fringe marshes. Within Lockport Marsh, concentrations decrease sharply moving towards the Calcasieu River Ship Channel.

Subsurface Sediment

Zinc concentrations decreased in the subsurface in the marshes of Bayou d'Inde as shown in Figure 7-14. Zinc at station BIR3018 did increase in concentration from the 10 to 20-cm to the 20 to 30-cm interval (from 64 to 92 mg/Kg). The highest zinc concentration observed in the subsurface was at BIR3046 with a result of 145 mg/Kg.

Chromium concentrations tend to decrease in the subsurface in the marsh energy system in Bayou d'Inde. At station BIR3018, however, concentrations increase from the 10 to 20-cm interval to the 20 to 30-cm interval. Concentration for this interval at station BIR3018 was 290 mg/Kg.

Surface Water

Zinc and chromium were detected in the surface water in the marsh energy system in Bayou d'Inde. Exhibit 7-49 provides the mean concentrations for total and dissolved chromium (total) and zinc.

Exhibit 7-49 Mean & Standard Deviation of Total and Dissolved Concentrations (mg/L) in Metal/Dioxin Factor in Surface Water, Marsh Energy System

Analyte	Mean Total[1]	Mean Dissolved[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Chromium (total)	0.0036 (0.0114)	ND	NA	NA	NA	NA
Zinc	ND	0.01[2]	0.205[3]	0.187[3]	0.090	0.081

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
2 – Only detected at one location.
3 – LDEQ Water Quality Regulations (LDEQ 2000) based on 200 mg/L hardness for dissolved concentrations.
NA – Not available. LDEQ provides criteria for Cr^{3+} and Cr^{6+}.

Chromium (total) and zinc did not exceed criteria listed in LDEQ 2000.

Draft

7.6.2.2.2 Discussion
As noted earlier, dioxin/furans are discussed as a group for the marsh area as 2,3,7,8-TCDD TEQ concentrations. The following discussion will focus on chromium and zinc.

The distribution of metals (specifically chromium and zinc) is fairly widespread throughout the marshes. Chromium is found to be highest in the fringe marshes near Maple Fork Bayou. Chromium concentrations tend to decrease with depth, being highest in the surface sediments. Zinc concentrations tend to be lower overall than chromium, however the number of positive detections of zinc is slightly higher.

7.6.3 Isolated Chemistry

Several COPCs were detected in 5 percent or greater of the samples did not group with the three major PCA factor groups previously discussed. These include:

- SVOCs (bis[2-ethylhexyl]phthalate, hexachlorobenzene)
- HPAHs and LPAHs
- PCBs
- Inorganics (lead and mercury)

These COPCs did not group with the other major factors for one or more of the following reasons:

- The frequency of detection is typically low
- The distribution of contamination was different than observed for the compounds for the four major factors

Each of these COPCs is discussed in the following sections. In addition, the nature and extent of dioxin/furans presented as 2,3,7,8-TCDD TEQ is discussed.

7.6.3.1 Bis(2-ethylhexyl)phthalate

This section presents the results of BEHP in the marsh energy system of Bayou d'Inde and discusses the fate and transport of this compound.

7.6.3.1.1 Results

BEHP summary statistics for surface sediment are provided in Exhibit 7-50.

Exhibit 7-50 Summary Statistics of BEHP (µg/Kg) in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
BEHP	83/162	58	8,000	393	865	2.20

1 – Values based on ROS. See Appendix D.

Draft

Highest concentration was observed at station BIR2042, which is located in Lockport Marsh (Figure 7-8). Elevated concentrations are also located in the marsh areas between PPG Canal and Maple Fork Bayou.

Subsurface Sediment

BEHP was only detected in the subsurface at only one location, station BIR2072. Concentrations decreased from the surface to the 10 to 20-cm interval (1,100 µg/Kg to non-detect). However, concentrations increased dramatically to 150,000 µg/Kg in the 20 to 30-cm interval.

Surface Water

BEHP was not detected in the surface water in the marsh energy system of Bayou d'Inde.

7.6.3.1.2 Discussion

BEHP was detected in the marsh at a maximum of 8,000 µg/Kg. The maximum was located in Lockport Marsh. The distribution in Lockport Marsh is scattered, no significant trends are apparent. Remaining detections appear to show a trend, the southern most Reach 2 marsh containing stations BIR3054 through BIR3062 contained the greatest number of detections and the second highest concentration. The marsh

across Bayou d'Inde (locations BIR3045 through BIR3050) contained the third highest marsh concentration in Bayou d'Inde. This meander in Reach 2 is the main collection point of BEHP that originates upstream. It should be noted however, that the concentrations within the bayou energy system were an order of magnitude higher than those measured in the marshes (80,000 in the bayou, Reach 1 near the mouth of PPG Canal and 8,000 µg/Kg measured in the center of Lockport Marsh, versus 3,900 µg/Kg measured in Reach 2 Marsh).

Limited historic data was collected specifically in the marsh areas. The two available marsh samples collected from the Reach 2 southern marsh area both were non-detect with elevated (1,800U and 2,000U µg/Kg) detection limits.

Potential sources appear to be the Citgo outfall 001 area, and PPG Canal. The concentrations within the bayou portion of d'Inde with the exception of Reach 1 were less than that measured in the Reach 2 marshes. The distribution of BEHP in Lockport Marsh and Reach 1 appear unrelated. The BEHP appears to be adsorbing to bayou sediments versus settling out into Lockport Marsh. This indicates that sufficient quantity of organic material is present within Reach 1 of the bayou to bind available BEHP. Surface water data indicates that the sorption capacity is sufficient to bind BEHP to sediment.

7.6.3.2 Hexachlorobenzene

This section presents the results of hexachlorobenzene (HCB) in the marsh energy system of Bayou d'Inde and discusses the fate and transport of this compound.

Draft

7.6.3.2.1 Results

HCB summary statistics for surface sediment are provided in Exhibit 7-51.

Exhibit 7-51 Summary Statistics of HCB (µg/Kg) in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
HCB	10/162	130	790	-	-	-

1 – Values based on ROS. See Appendix D.
(-) – Mean value is not calculated for less than 20% detected due to estimation of distribution becomes less accurate.

HCB was observed at isolated in Lockport Marsh and the marsh area to the north of PPG Canal. However, there is uncertainty in the extent of HCB in the marsh areas resulting from elevated analytical detection limits (Figure 7-15). Elevated detection limits and non-detectable concentrations in many locations exceed maximum detected concentrations. Highest concentration observed was at station BIR2088, which is located in the northwest corner of Lockport Marsh.

Subsurface Sediment

HCB was not detected in subsurface samples in the marsh energy system in Bayou d'Inde.

Surface Water

HCB was not detected in surface water in the marsh energy system in Bayou d'Inde.

7.6.3.2.2 Discussion

The occurrence of HCB in marsh sediment is limited to Lockport Marsh. The range of concentrations of 130 to 790 µg/Kg is an order of magnitude less than the bayou energy system, indicating that Lockport Marsh may receive flow from Reach 1 but is not a sediment sink for HCB. The distribution within Lockport Marsh indicates that there may be two sources of HCB to Lockport Marsh. It appears that the maximum may be influenced by flow from Bayou d'Inde, communication between the marsh and bayou is apparent in this area. The remaining low level detections (130 to 240 µg/Kg) are more isolated from the bayou and may have been sourced by overflow of PPG Canal, as they are in the northeastern portion of the marsh, isolated from Reach 1.

The sediments in the isolated portions of Lockport Marsh are less likely to be disturbed by minor storm surge or high spring tides than are the sediments adjacent to the bayou. The HCB sorbs readily to sediment, as was noted by the lack of HCB in marsh surface water, however, disturbance of those sediments could result in mobilization of the HCB.

Draft

Historically, HCB was found to be in the same areas of Reach 1 and Lockport Marsh, however the concentrations were higher from 1984 through 1994. Surface sediment concentrations were found to decrease in 1996 and those concentrations are comparable to measurements from the RI.

7.6.3.3 PAHs

This section presents the results of PAHs in the marsh energy system of Bayou d'Inde and discusses the fate and transport of this compound. PAHs were calculated by summing the corresponding low or high molecular weight PAHs that were detected. Non-detects were not included in the summation due to elevated detection limits.

7.6.3.3.1 Results

HPAHs and LPAHs were summed for the marsh energy system in Bayou d'Inde as described in Section 4. PAHs summary statistics for surface sediment are provided in Exhibit 7-52.

Exhibit 7-52 Summary Statistics of PAHs (µg/Kg) in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
HPAH	50/160	61	66,884	2,917.7	12,089.7	4.1
LPAH	21/160	26	73,800	6,511.3	2,0106.5	3.1
TPAH	53/160	26	73,800	5332.5	15,699.9	2.9

1 – Values based on ROS. See Appendix D.

Elevated HPAH concentrations were located throughout the marsh areas in Bayou d'Inde (Figure 7-16). Highest HPAH concentration was observed at station BIR2020 in the northern portion of Lockport Marsh.

Similar to HPAH, highest LPAH concentration was observed at station BIR2020 (Figure 7-17). Elevated concentrations were not as widespread as HPAHs, but were at greater concentrations and were less variable.

Subsurface Sediment

HPAHs were detected in the subsurface at stations BIR3018 and BIR3046 (Figure 7-16). At station BIR3018, concentrations were similar ranging from 53 to 82 μg/Kg. At station BIR3046, HPAHs were not detected in the surface layer, but were detected at the 10 to 20-cm interval with a concentration of 1,180 μg/Kg.

Surface Water

PAHs were not detected in the surface water in the marsh energy system of Bayou d'Inde.

7.6.3.3.2 Discussion

Draft

PAH distribution in the Bayou d'Inde marshes consists primarily of HPAH compounds, as noted in the bayou. The primary PAH compound in the marshes is pyrene. The concentrations are most notable in the Maple Fork Bayou and downstream Reach 2 marshes (stations BIR3018, BIR3036 and BIR3067). Marsh concentrations of TPAHs are higher in the marshes than those measured in the bayou portion Bayou d'Inde (73,800 μg/Kg marsh maximum versus 3,737 μg/Kg maximum in the bayou). Concentrations tend to be highest within the interior of Lockport Marsh, indicating possible flow from the PPG Canal. This is noted for LPAH and HPAH groups. Concentrations within the Maple Fork Bayou and downstream Reach 2 marshes are elevated, however, lower than measurements in Lockport Marsh. Potential sources of low and high molecular weight PAHs to Bayou d'Inde include Citgo (LPAHs), Equistar (LPAHs), and Westlake Polymers (LPAHs and HPAHs). Further, oil and gas production activities in Lockport Marsh may be localized sources of PAHs.

Historically, the distribution and contaminant suites were similar, although concentrations were generally higher. Vertically, PAH distribution varies from the marsh at Maple Fork Bayou to the marsh at station BIR3046 in Reach 2. At Maple Fork Bayou the concentrations are generally consistent with depth, however downgradient at station BIR3046 the concentration increase from non-detect at the surface to a maximum of 1,180 μg/Kg in the 10 to 20-cm interval. This may indicate that there are more sources that are recent closer to this upstream location. Vertical extent was not sampled in Lockport Marsh.

Potential sources of PAHs to Bayou d'Inde marshes appear to be the Citgo outfall 001 area, Westlake Polymers outfall 001 area and the PPG Canal.

7.6.3.4 PCBs

This section presents the results of PCBs in the marsh energy system of Bayou d'Inde and discusses the fate and transport of this compound.

7.6.3.4.1 Results

Surface Sediment

Aroclor 1254 and Aroclor 1260 were detected in the marsh energy system in Bayou d'Inde. Aroclor 1260, however, was only detected at two locations with concentrations ranging from 120 to 140 µg/Kg. Aroclor 1254 had a higher detection frequency and the summary statistics are presented in Exhibit 7-53.

Exhibit 7-53 Summary Statistics of Aroclor 1254 (µg/Kg) in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Aroclor 1254	49/111	4.9	1,300	116	235	2.04

1 – Values based on ROS. See Appendix D.

Draft

Elevated concentrations of Aroclor 1254 were predominantly located in the fringe marshes in Reach 2 (Figure 7-10). Concentrations tend to decrease in the marshes moving downstream towards the Calcasieu River Ship Channel and into Lockport Marsh. Aroclor 1254 was only detected at 13 locations within Lockport Marsh with concentrations less than what was observed in the upper reaches of Bayou d'Inde. Station BIR3018 was observed to have the maximum concentration and is located in a fringe marsh adjacent to Maple Fork Bayou. Stations BIR3007 and BIR3041 were observed to have similar concentrations.

PCB-105, 118, 15, 61/70, and 66 accounted for more than 70 percent of total PCB concentration at stations in the marsh energy area where congeners were measured (Figure 7-11). PCB-118 and PCB-15 tended to be the more dominant congeners. Distribution in the surface sediment tends to show a prevalence of either PCB-118 or PCB-15. In the upper marshes (e.g., BIR3018) PCB-118 accounts for 37% of the PCBs detected. At location BIST011, PCB-15 accounted for 35%. This trend tends to reverse near BIR3046.

Subsurface Sediment

Aroclor 1254 was measured in the subsurface at stations BIR3018 and BIR3046 (Figure 7-10). At station BIR3018, concentrations decreased with depth from 1,300 µg/Kg in surface sediment to 910 µg/Kg in the 10-20 cm interval and finally to 650 µg/Kg in the 20 to30-cm interval. At station BIR3046, concentrations decreased from 810 µg/Kg in surface sediment to 620 in the 10 to –20-cm interval and finally to 310 in the 20 to 30-cm interval.

Elevated PCB congener concentrations were observed at stations BIR3018 and BIR3046 (Figure 7-11). The dominant congeners were PCB-105, PCB-118, PCB-61/70, and PCB-66 at both locations. PCB-15 was also a dominant congener at station BIR3046, but detected at low concentrations at station BIR3018.

At station BIR3018, PCB congener concentrations increased from the surface sediment interval to the 10 to 20-cm interval. Concentrations then decreased to near surface sediment levels. PCB-118 was the dominant congener in all three depths with a maximum concentration of 125,000 ng/Kg at the 10 to 20-cm interval.

At station BIR3046, PCB congener concentrations tended to decrease with depth for the dominant congeners. The dominant congener in surface sediment was PCB-15 with a concentration of 69,100 ng/Kg.

Surface Water

Aroclor 1254 was detected at station BIR3013, which is located in the Maple Fork Bayou marsh, upstream of Maple Fork Bayou. Surface water concentrations are compared to established criteria in Exhibit 7-54.

Exhibit 7-54 Aroclor 1254 in Surface Water, Marsh Energy System

Analyte	Mean[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Aroclor 1254	0.21[2]	2.00	**0.0140**	10.0	**0.03**

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
2 – Only detected at one location.
3 – Criteria for Total PCBs

Draft

The reported result exceeded the fresh and marine chronic criterion established by LDEQ.

7.6.3.4.2 Discussion

Aroclor 1254 detected within the fringe marshes of Bayou d'Inde was widespread. The highest concentration noted was found upstream of Maple Fork Bayou and continued to downstream marshes in Reach 2 (primarily on the south side of Bayou d'Inde). The concentrations decreased downstream. The concentrations are higher than what was measured in the bayou energy system. This may indicate that material is moved from the bayou to the marshes by surge or storm events and that there are not considerable ongoing releases adding PCBs to the system in Reach 2. This is consistent with release history information. The concentrations vary in Lockport Marsh and there appears to be downstream movement in Reach 1 of the bayou.

Historically, the distribution of total PCBs was similar to previous sampling events. Aroclor 1254 decreased with depth at both core locations in the fringe marshes. Core locations were not collected in Lockport Marsh. Congener analysis indicates that near Maple Fork bayou the dominant congener is PCB-118 (maximum value of 125,000 ng/g), whereas at station BIR3046 downstream, the dominant congener is PCB-15 (maximum value of 69,100 ng/g). This may indicate that the PCB-118 source was

nearer to station BIR3018 and material has moved downstream, collecting in the Reach 2 marshes. Cores were not sampled in Lockport Marsh.

Aroclor 1254 was detected at 0.21 µg/L at station BIR3013, at the Maple Fork Bayou marsh. It is unlikely, due to the nature of Aroclor 1254 that this aqueous detection is the result of desorption from impacted sediments and may be the result of an unknown localized release.

The former OxyChem impoundments Reach 3 industrial area and the PPG Canal may be potential sources of PCBs in Bayou d'Inde.

7.6.3.5 Lead

This section presents the nature and extent of lead in the marsh energy system in Bayou d'Inde and describes its fate and transport in the environment.

7.6.3.5.1 Results

Surface Sediment

Lead, although present throughout the marshes, was found in the highest concentrations in Lockport Marsh (Figure 7-18). Summary statistics for lead is presented in Exhibit 7-55.

Draft

Exhibit 7-55 Summary Statistics of Lead (mg/Kg) in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Lead	153/162	4.6	902	87	117	1.3

1 – Values based on ROS. See Appendix D.

Within Lockport Marsh, elevated lead concentrations were typically found near the mouth of PPG Canal and near the center of the marsh. The highest concentration was located at station BIR2044, which is located between the roads in the marsh and the Calcasieu River Ship Channel.

Subsurface Sediment

In the subsurface, lead tended to decrease with depth (Figure 7-18). Station BIR3046 exhibited the highest subsurface concentration (64.5 mg/Kg) in the 10 to 20-cm interval.

Surface Water

Total lead was detected at 7 of 8 locations whereas dissolved lead was detected at 3 of 8 locations. Exhibit 7-56 presents the mean concentrations for total and dissolved lead and compare to LDEQ criterion.

Exhibit 7-56 Mean & Standard Deviation of Total and Dissolved Concentrations Lead (mg/L) in Surface Water, Marsh Energy System

Analyte	Mean Total[1]	Mean Dissolved[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Lead	0.0030 (0.0011)	0.0015 (0.0011)	0.138[3]	0.00531[3]	0.209	0.00808

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
2 – Only detected in one sample.
3 – LDEQ Water Quality Regulations (LDEQ 2000) based on 200 mg/L hardness for dissolved concentrations.

Dissolved concentrations of lead in surface water did not exceed criterion established by LDEQ.

7.6.3.5.2 Discussion

Lead distribution tends to be highest in Lockport Marsh followed by the middle Reach 2 marshes (station BIR3060). Lockport Marsh detections tend to be concentrated near the mouth of PPG Canal or in the center of the marsh. The maximum location within Lockport Marsh is isolated somewhat away from the PPG Canal and the bayou. The location likely receives flow from the Calcasieu River Ship Channel. Concentrations tend to exceed the reference area lead results.

Lead concentrations decrease with depth in all multi-depth samples. Surface water samples do not exceed CCC or CMC adjusted limits.

7.6.3.6 Mercury

Draft

This section presents the nature and extent of mercury in the marsh energy system in Bayou d'Inde and describes its fate and transport in the environment.

7.6.3.6.1 Results

Elevated mercury concentrations were primarily in Lockport Marsh (Figure 7-20). The high variability of mercury in sediment may be possibly due to the maximum detected value (Exhibit 7-57).

Exhibit 7-57 Summary Statistics of Mercury (mg/Kg) in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
Mercury	145/162	0.11	93.9	2.7	9.3	3.5

1 – Values based on ROS. See Appendix D.

Station BIR2013 in Lockport Marsh had a detected value of 94 mg/Kg. This station is located near the mouth of PPG Canal where it enters into Bayou d'Inde. The next highest concentration of mercury is at station BIR2023 with a detected value of 13 mg/Kg.

Subsurface Sediment

Mercury concentrations decreased with depth as shown in Figure 7-20. Station BIR3046 had the highest detected concentration (1.4 mg/Kg) in the 10 to 20-cm interval.

Surface Water

Total mercury was detected at 8 of 8 locations within the marsh energy system whereas dissolved mercury was only detected at one location. Mean concentrations are presented in Exhibit 7-58.

Exhibit 7-58 Mean & Standard Deviation of Total and Dissolved Concentrations (mg/L) in Metal Factor in Surface Water, Marsh Energy System

Analyte	Mean Total[1]	Mean Dissolved[1]	Fresh Acute	Fresh Chronic	Marine Acute	Marine Chronic
Mercury	0.00017 (0.0009)	0.000078[2]	0.0017[3]	0.00001[3]	0.0017	**0.000021**

1 – Based on ROS. See Appendix D. If only two samples, an average was calculated. ND: Not Detected
2 – Only detected in one sample.
3 – LDEQ Water Quality Regulations (LDEQ 2000) based on 200 mg/L hardness for dissolved concentrations.

Dissolved concentrations of mercury did not exceed LDEQ established criterion.

7.6.3.6.2 Discussion

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Mercury concentrations within the marshes are elevated in Lockport Marsh and Maple Fork Marsh. The most significant detection was noted near the mouth of PPG Canal and measured 93 mg/Kg. The remaining values were not significantly elevated. The second highest marsh detection was noted in Maple Fork Bayou at 12 mg/Kg. The remaining values were fairly consistent, with concentrations ranging from 1 to 3 mg/Kg. Historical results are similar, including a maximum of 58 mg/Kg. The maximum measured concentrations at station BIR2013 and the isolated nature of the area in Lockport Marsh suggest a source other than the PPG Canal or Bayou. Local oil field operations (i.e., gas well monometers) may have contributed to localized elevated mercury detections.

Mercury tends to accumulate in the marsh areas; in general the concentrations are higher in the marshes than those noted for the bayou energy system. Also, elevated concentrations are typically surficial occurrences.

7.6.3.7 2,3,7,8-TCDD TEQ

This section presents the nature and extent of 2,3,7,8-TCDD TEQ in the marsh energy system in Bayou d'Inde and describes its fate and transport in the environment. Dioxin/furans were evaluated as 2,3,7,8-TCDD TEQ since various dioxins/furans are grouped with different factors. In addition, some dioxin/furans may be at background concentrations and this will provide an overall picture of areas that may exhibit elevated concentrations of dioxin/furans.

7.6.3.7.1 Results

Surface Sediment

The concentrations of 2,3,7,8-TCDD TEQ are variable in the marsh areas of Bayou d'Inde (Exhibit 7-59). Elevated concentrations were found in the marshes adjoining the bayou and in Lockport Marsh (Figure 7-14). The maximum concentration was detected at station BIST011, which is at the mouth of PPG Canal prior to it entering into Bayou d'Inde.

Exhibit 7-59 Summary Statistics of 2,3,7,8-TCDD TEQ (ρg/g) in Surface Sediment, Marsh Energy System

Parameter	Frequency of Detects	Minimum Detected Value	Maximum Detected Value	Mean[1]	Standard Deviation	Coefficient of variance
2,3,7,8-TCDD TEQ	24/25	1.16	1,645.65	201.85	397.17	1.97

1 – Values based on ROS. See Appendix D.

Subsurface Sediment

Dioxin/furans as expressed as 2,3,7,8-TCDD TEQ typically decreased with depth with the exception of station BIR3018 (Figure 7-14). At station BIR3018, concentrations slightly increased with depth from 33 to 57 ρg/g. Station BIR3046 had the highest subsurface detection at the 10 to 20-cm interval with a value of 201 ρg/g.

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Surface Water

Dioxin/furans were not analyzed in surface water.

7.6.3.7.2 Discussion

2,3,7,8-TCDD TEQ values are variable in Bayou d'Inde, however, they tend to be highest at the mouth of PPG Canal. Concentrations in core samples tend to decrease with depth. One exception is Maple Fork Bayou where concentrations increased slightly. Concentrations at depth generally approximate the surface sample mean. Concentrations are slightly higher in the marshes than values measured for the bayou. Dioxin concentrations in general are elevated in Lockport Marsh and may be attributed to the local operation of industrial incinerators. Localized surface deposition of air emissions impacting surface run-off into the PPG Canal and subsequently Lockport Marsh.

Historically, dioxin/furans data was not collected. No temporal comparison is available for 2,3,7,8-TCDD TEQ.

7.7 Summary and Conclusions

This section summarizes the COPCs found in Bayou d'Inde and presents an overview of their relation to historic data, reference areas results, spatial distribution, sediment stability and chemical fate and transport.

7.7.1 Summary

Bayou d'Inde is divided into five geographic areas; four reaches in the bayou energy system and the marsh areas. Marshes are present in Reaches 1 and 2. The reaches are defined in Section 7.1.2 and Figure 7-1. Lower Bayou d'Inde below highway LA-108 can be characterized as a moderately-saline to saline, broad channelized ship channel with significant industrial development. The upper reach of Bayou d'Inde (Reach 4) is a less saline, steep-sided, narrow and vegetated low-flow system. The drainage area for the upper reach (Reach 4) is generally rural residential. The majority of Bayou d'Inde from Reaches 1 through 3 receives surface runoff and wastewater discharge from several industrial facilities (PPG, Westlake Polymers, Firestone, Citgo and Equistar [formerly OxyChem]), (Figure 7-2). Point and non-point sources are present in Reaches 1 through 3. Introduction of contaminants to the system appears to occur due to industrial release primarily between Little Bayou d'Inde and Highway LA-108 and near the LA-108 Bridge; through unidentified release to Maple Fork Bayou; and from industrial release to the PPG Canal.

Potential Sources to Bayou d'Inde:

Citgo, Equistar, Firestone, Westlake Polymers and PPG

Contaminants of primary interest in Bayou d'Inde are those contaminants that increase human health or ecological risk. The occurrence of COPCs varies across Bayou d'Inde; the following is an overview of the condition of each of the four reaches and associated marshes, within Bayou d'Inde.

Contaminants of Potential Concern in Bayou d'Inde:

Dioxin/Furans, PCBs, Mercury, HPAHs, LPAHs, BEHP, HCB, and HCBD

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The largest set of contaminants and generally the greatest concentrations are found in Reach 1 of Bayou d'Inde and Lockport Marsh. PPG operates three major process areas in the immediate vicinity: the Chlor-Alkali plant; the Derivatives plant and the Chlor-Alkali/Silicas area. All process areas drain to the PPG Canal. Further three offsite facilities, CetainTeed Products, Jupiter Chemicals and Big Three Industries also discharge to the PPG Canal. The non-PPG permitted design flows account for 1 MGPD of a 233 MGPD design flow capacity for the PPG Canal.

Dioxin/furans are predominant in Reaches 1 through 3, Lockport Marsh and Maple Fork Bayou Marsh (the location of sample BIR3018). Dioxin/furan concentrations are comparable where bayou and marsh locations are present. Dioxin/furan contamination is widespread throughout Bayou d'Inde. Primary impacted areas are lower Reach 3 and Reach 1. The highest 2,3,7,8-TCDD TEQ (or most toxic) concentrations are found in Reach 1 and in Lockport Marsh (see Figure 7-13). No documented sources of dioxin/furans were noted in the regulatory record, however, it is noted that incomplete or uncontrolled combustion of PCBs may result in the production of dioxin or furan compounds and industrial incinerators in the area used to burn chlorinated wastes.

PCBs tend to occur in two areas in two primary groupings, those grouped with PCB-118 and those with PCB-15. The PCB-118 group appears to originate in lower Reach 3 and extends through to the middle Reach 2 marsh area (BIR3046). The apparent source of this is the former OxyChem impoundments. The PCB-15 impacted areas begin at PPG Canal and are prevalent up to BIR3046 in middle Reach 2 marsh and extend downstream through Reach 1 to the ship channel. Lockport Marsh contains the highest detection of PCBs at location BIR2018, near the mouth of PPG Canal. The occurrence of PCBs in Lockport Marsh is within the bermed area. No documented PCB releases were noted in the regulatory record, however PCBs are handled and disposed of through incineration at PPG and localized air deposition is likely. Surface transport of impacted soils to the estuary may be occurring.

Mercury tends to be found from Maple Fork Bayou through Reach 1 to the ship channel. The concentrations, however lower, extend into upper Reach 2. Mercury concentration is highest in the marshes. Potential sources to Lockport Marsh include the former PPG mercury-cell settling pond that was operated in the late 1960's. The pond was an unlined impoundment within the PPG Canal drainage area. In addition, enforcement history data indicates numerous NPDES exceedances. It should be noted that elevated, localized detections within Lockport Marsh may be due to the use of mercury manometers by the oil and gas industry. These manometers contain elemental mercury and are sometimes damaged or broken on-site, causing localized mercury release.

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HPAHs are found in the highest concentration in Reach 1, Lockport Marsh, Maple Fork Bayou marsh (BIR3018) and the eastern Reach 2 marsh (BIR3036). PPG Canal, Maple Fork Bayou, lower Reach 3 and LA-108 appear to be the sources of these PAHs. Elevated concentrations are noted in the marshes upstream of PPG Canal and may indicate overflow conditions to this area. HPAHs tend to be slightly higher in concentration in the marshes than in the bayou sediments, overall. No known sources exist on Maple Fork Bayou, although numerous industrial pipelines, a highway and a railroad spur cross Maple Fork near the highest detections, release from these operations are unknown. Urban runoff from the nearby highways may be a source of PAHs, as well.

LPAH distribution is not as widespread in Bayou d'Inde as HPAHs. The LPAHs tend to be found in Lockport Marsh and concentrations are generally higher than HPAHs. The second highest concentration of LPAHs is in Maple Fork Bayou, in lower Reach 3 and near LA-108 in Reach 2. In general, LPAHs tend to increase with depth. Potential LPAH sources include PPG, Citgo, Westlake Polymers and Equistar.

BEHP is found throughout Bayou d'Inde and in Reaches 2 and 3. Potential sources of BEHP include Westlake Polymers, and Equistar. BEHP appears to accumulate in the Reach 2 marshes (predominantly the Middle and Lower Reach 2 marshes, areas identified by BIR3054 and BIR3062, respectively) in this area. However, in Reach 1 where significant levels of BEHP as found, the bayou contains the majority of the contaminant, not the marsh. The concentrations in the bayou are greater than the

Lockport Marsh by an order of magnitude in Reach 1. The overall distribution of BEHP suggests that the compound is greatly influenced by the presence of suspended or colloidal phase material in the water column. The distribution of BEHP indicates the greatest degree of transport of any COPC in Bayou d'Inde and suggests that its concentration in sediment is an indicator of low surface water flow velocity (high settling rate) and high organic or detritus material, either particulate or suspended. Flow appears to control BEHP distribution, as noted in Reach 1 where the configuration of the channel has been modified creating a broader, slower flow regime.

7.7.2 Conclusions

The general distribution of COPCs in Bayou d'Inde is complex, given the multiple sources and flow dynamics. Industrial releases to Reaches 1 and 3 are a significant component of surface water flow volume in Bayou d'Inde. Permitted and unpermitted discharges mix with surface water in the bayou that migrate up and downstream via, natural pathways, wind and tidal fluctuation. Large storms may push water and sediment upstream in Bayou d'Inde perhaps explaining the isolated occurrences of COPCs in Reach 4.

In the upstream region, Reach 4, the level of contamination is minimal; the primary contaminants noted are LPAHs, mercury, copper, BEHP, and PCBs. The detections were noted downstream of I-10 and in the lower portion of Reach 4 near Little Bayou d'Inde.

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Reach 3 contained a number of COPCs and concentrations in the area tend to be the second highest observed in all of Bayou d'Inde. Two areas of possible sources were noted, the area near Citgo outfall 001 and upstream of the LA-108 bridge near the Equistar and Westlake Polymers outfalls. Primary COPCs in Reach 3 are dioxin/furans, PCBs, BEHP, HPAHs, LPAHs, and mercury.

Reach 2 COPCs are essentially the same as Reach 3, however, PCBs mercury, HPAHs, and BEHP tend to dominate. Reach 2 marshes tend to show the highest concentrations for metals, dioxin/furans and most HPAHs. Concentrations tend to be about the same in the marshes and the bayou for PCBs and tend to be lower in the marshes in Reach 2 for LPAHs. Reach 1 was the area with the greatest number of compounds detected and the highest COPC concentrations. Reach 1 COPCs are dioxin/furans, PCBs, BEHP, mercury, HPAHs, LPAHs, HCB, and HCBD.

Overall, contaminants appear to be highest in Reach 3, Maple Fork Bayou, Reach 1, and Lockport Marsh. The contaminant suite in each of these areas is similar, and may represent some source and transported sediment overlap. The data suggests that fine or suspended particle transport is active in Bayou d'Inde. Flocculation and suspended particle binding may be prevalent for some compounds (LPAHs, BEHP, and some metals). Distribution and concentration gradients of many of the COPCs indicate sediment movement into the marshes, however this is not the case for all compounds. Overall, sediment stability tends to be moderate to poor. Open areas of

Lockport Marsh are susceptible to sediment mobilization. Reaches 2 and 3 tend to be net sediment exporters. Sediment stability within the fringe marshes in Reach 2 is typically good. Potential for mobilization from the marshes immediately upstream of PPG Canal is moderate given the increased flow potential in Reach 1. It appears that re-suspension of fine grained material (organic or inorganic) facilitates physical transport throughout Bayou d'Inde.

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Chemicals of interest with BSAF values that included whole body tissue concentrations estimated from fillet results

Dioxins/Furans

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
OCDD
OCDF
2,3,4,6,7,8-HxCDF
2,3,4,7,8-PeCDF
2,3,7,8-TCDD
2,3,7,8-TCDF

PCBs

PCB-105
PCB-114
PCB-118
PCB-126
PCB-156
PCB-157
PCB-167
PCB-169
PCB-189
Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Total PCB Cong-209 (U=0, max RL)
Total PCB Congs (U=1/2; max ND)
Total PCBs (U=0, max RL)
Total PCBs (U=1/2; max ND)

Pesticides

4,4'-DDD
4,4'-DDE
4,4'-DDT
Total DDT (U=1/2; max ND)
Aldrin
alpha-Chlordane
gamma-Chlordane
Total Chlordane (U=1/2; max ND)
beta-BHC
delta-BHC
gamma-BHC (Lindane)
Endosulfan I
Endosulfan II

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Endrin
Heptachlor
Heptachlor Epoxide
Methoxychlor
Pentachlorophenol

Metals

Arsenic
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Zinc

SVOC

1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Hexachloro-1,3-butadiene
Hexachlorobenzene
Hexachloroethane

PAH

2-Methylnaphthalene
Acenaphthene
Acenaphthylene
Anthracene
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(g,h,i)perylene
Benzo(k)fluoranthene
Chrysene
Dibenzo(a,h)anthracene
Fluoranthene
Fluorene
Indeno(1,2,3-cd)pyrene
Phenanthrene
Pyrene
Total HPAH (U=1/2; max ND)
Total LPAH (U=1/2; max ND)
Total PAH (U=1/2; max ND)

Draft

Summary of prey groups with BSAF values that included whole body tissue concentrations estimated from fillet results

Class	Group	Chemical	Total Tissue Samples	Whole Body	Fillet Conversion
FISH CLASS 3	3B	1,2,3,4,6,7,8-HpCDD	7	7	
FISH CLASS 3	3B	1,2,3,4,6,7,8-HpCDF	7	7	
FISH CLASS 3	3B	1,2,3,4,7,8,9-HpCDF	7	7	
FISH CLASS 3	3B	1,2,3,4,7,8-HxCDD	7	7	
FISH CLASS 3	3B	1,2,3,4,7,8-HxCDF	7	7	
FISH CLASS 3	3B	1,2,3,6,7,8-HxCDD	7	7	
FISH CLASS 3	3B	1,2,3,6,7,8-HxCDF	7	7	
FISH CLASS 3	3B	1,2,3,7,8,9-HxCDD	7	7	
FISH CLASS 3	3B	1,2,3,7,8,9-HxCDF	7	7	
FISH CLASS 3	3B	1,2,3,7,8-PeCDD	7	7	
FISH CLASS 3	3B	1,2,3,7,8-PeCDF	7	7	
FISH CLASS 3	3B	1,2-Dichlorobenzene	8	4	4
FISH CLASS 3	3B	1,3-Dichlorobenzene	8	4	4
FISH CLASS 3	3B	1,4-Dichlorobenzene	8	4	4
FISH CLASS 3	3B	2,3,4,6,7,8-HxCDF	7	7	
FISH CLASS 3	3B	2,3,4,7,8-PeCDF	7	7	
FISH CLASS 3	3B	2,3,7,8-TCDD	7	7	
FISH CLASS 3	3B	2,3,7,8-TCDF	7	7	
FISH CLASS 3	3B	2-Methylnaphthalene	25	21	4
FISH CLASS 3	3B	4,4'-DDD	26	22	4
FISH CLASS 3	3B	4,4'-DDE	27	23	4
FISH CLASS 3	3B	4,4'-DDT	27	23	4
FISH CLASS 3	3B	Acenaphthene	25	21	4
FISH CLASS 3	3B	Acenaphthylene	25	21	4
FISH CLASS 3	3B	Aldrin	26	22	4
FISH CLASS 3	3B	alpha-Chlordane	27	23	4
FISH CLASS 3	3B	Anthracene	25	21	4
FISH CLASS 3	3B	Aroclor-1016	25	21	4
FISH CLASS 3	3B	Aroclor-1221	25	21	4
FISH CLASS 3	3B	Aroclor-1232	25	21	4
FISH CLASS 3	3B	Aroclor-1242	25	21	4
FISH CLASS 3	3B	Aroclor-1248	25	21	4
FISH CLASS 3	3B	Aroclor-1254	27	23	4
FISH CLASS 3	3B	Aroclor-1260	27	23	4
FISH CLASS 3	3B	Arsenic	27	23	4
FISH CLASS 3	3B	Benzo(a)anthracene	25	21	4
FISH CLASS 3	3B	Benzo(a)pyrene	25	21	4
FISH CLASS 3	3B	Benzo(b)fluoranthene	25	21	4
FISH CLASS 3	3B	Benzo(g,h,i)perylene	25	21	4
FISH CLASS 3	3B	Benzo(k)fluoranthene	25	21	4
FISH CLASS 3	3B	beta-BHC	20	18	2
FISH CLASS 3	3B	Cadmium	27	23	4
FISH CLASS 3	3B	Chromium	27	23	4
FISH CLASS 3	3B	Chrysene	25	21	4
FISH CLASS 3	3B	Copper	27	23	4

Draft

Summary of prey groups with BSAF values that included whole body tissue concentrations estimated from fillet results

Class	Group	Chemical	Total Tissue Samples	Whole Body	Fillet Conversion
FISH CLASS 3	3B	delta-BHC	19	18	1
FISH CLASS 3	3B	Dibenzo(a,h)anthracene	25	21	4
FISH CLASS 3	3B	Endosulfan I	26	22	4
FISH CLASS 3	3B	Endosulfan II	26	22	4
FISH CLASS 3	3B	Endrin	26	22	4
FISH CLASS 3	3B	Fluoranthene	25	21	4
FISH CLASS 3	3B	Fluorene	25	21	4
FISH CLASS 3	3B	gamma-BHC (Lindane)	26	22	4
FISH CLASS 3	3B	gamma-Chlordane	26	22	4
FISH CLASS 3	3B	Heptachlor	26	22	4
FISH CLASS 3	3B	Heptachlor Epoxide	26	22	4
FISH CLASS 3	3B	Hexachloro-1,3-butadiene	27	23	4
FISH CLASS 3	3B	Hexachlorobenzene	25	21	4
FISH CLASS 3	3B	Hexachloroethane	25	21	4
FISH CLASS 3	3B	Indeno(1,2,3-cd)pyrene	25	21	4
FISH CLASS 3	3B	Lead	27	23	4
FISH CLASS 3	3B	Mercury	27	23	4
FISH CLASS 3	3B	Methoxychlor	26	22	4
FISH CLASS 3	3B	Nickel	27	23	4
FISH CLASS 3	3B	OCDD	7	7	
FISH CLASS 3	3B	OCDF	7	7	
FISH CLASS 3	3B	PCB-105	6	6	
FISH CLASS 3	3B	PCB-114	6	6	
FISH CLASS 3	3B	PCB-118	6	6	
FISH CLASS 3	3B	PCB-126	6	6	
FISH CLASS 3	3B	PCB-156	6	6	
FISH CLASS 3	3B	PCB-157	6	6	
FISH CLASS 3	3B	PCB-167	6	6	
FISH CLASS 3	3B	PCB-169	6	6	
FISH CLASS 3	3B	PCB-189	6	6	
FISH CLASS 3	3B	Pentachlorophenol	25	21	4
FISH CLASS 3	3B	Phenanthrene	25	21	4
FISH CLASS 3	3B	Pyrene	25	21	4
FISH CLASS 3	3B	Selenium	27	23	4
FISH CLASS 3	3B	Total Chlordane (U=1/2; max	26	22	4
FISH CLASS 3	3B	Total DDT (U=1/2; max ND)	26	22	4
FISH CLASS 3	3B	Total Dioxin/Furan TEQ mamr	7	7	
FISH CLASS 3	3B	Total HPAH (U=1/2; max ND)	25	21	4
FISH CLASS 3	3B	Total LPAH (U=1/2; max ND)	25	21	4
FISH CLASS 3	3B	Total PAH (U=1/2; max ND)	25	21	4
FISH CLASS 3	3B	Total PCB Cong-209 (U=0, ma	9	9	
FISH CLASS 3	3B	Total PCB Congs (U=1/2; max	6	6	
FISH CLASS 3	3B	Total PCBs (U=0, max RL)	27	23	4
FISH CLASS 3	3B	Total PCBs (U=1/2; max ND)	27	23	4
FISH CLASS 3	3B	Zinc	27	23	4
FISH CLASS 4	4B	1,2,3,4,6,7,8-HpCDD	10	4	6

Draft

Summary of prey groups with BSAF values that included whole body tissue concentrations estimated from fillet results

Class	Group	Chemical	Total Tissue Samples	Whole Body	Fillet Conversion
FISH CLASS 4	4B	1,2,3,4,6,7,8-HpCDF	10	4	6
FISH CLASS 4	4B	1,2,3,4,7,8,9-HpCDF	10	4	6
FISH CLASS 4	4B	1,2,3,4,7,8-HxCDD	10	4	6
FISH CLASS 4	4B	1,2,3,4,7,8-HxCDF	10	4	6
FISH CLASS 4	4B	1,2,3,6,7,8-HxCDD	10	4	6
FISH CLASS 4	4B	1,2,3,6,7,8-HxCDF	10	4	6
FISH CLASS 4	4B	1,2,3,7,8,9-HxCDD	10	4	6
FISH CLASS 4	4B	1,2,3,7,8,9-HxCDF	10	4	6
FISH CLASS 4	4B	1,2,3,7,8-PeCDD	10	4	6
FISH CLASS 4	4B	1,2,3,7,8-PeCDF	10	4	6
FISH CLASS 4	4B	1,2-Dichlorobenzene	5	1	4
FISH CLASS 4	4B	1,3-Dichlorobenzene	5	1	4
FISH CLASS 4	4B	1,4-Dichlorobenzene	5	1	4
FISH CLASS 4	4B	2,3,4,6,7,8-HxCDF	10	4	6
FISH CLASS 4	4B	2,3,4,7,8-PeCDF	10	4	6
FISH CLASS 4	4B	2,3,7,8-TCDD	10	4	6
FISH CLASS 4	4B	2,3,7,8-TCDF	10	4	6
FISH CLASS 4	4B	2-Methylnaphthalene	45	21	24
FISH CLASS 4	4B	4,4'-DDD	47	23	24
FISH CLASS 4	4B	4,4'-DDE	48	24	24
FISH CLASS 4	4B	4,4'-DDT	46	22	24
FISH CLASS 4	4B	Acenaphthene	45	21	24
FISH CLASS 4	4B	Acenaphthylene	45	21	24
FISH CLASS 4	4B	Aldrin	45	21	24
FISH CLASS 4	4B	alpha-Chlordane	44	21	23
FISH CLASS 4	4B	Anthracene	45	21	24
FISH CLASS 4	4B	Aroclor-1016	45	21	24
FISH CLASS 4	4B	Aroclor-1221	45	21	24
FISH CLASS 4	4B	Aroclor-1232	45	21	24
FISH CLASS 4	4B	Aroclor-1242	45	21	24
FISH CLASS 4	4B	Aroclor-1248	45	21	24
FISH CLASS 4	4B	Aroclor-1254	45	21	24
FISH CLASS 4	4B	Aroclor-1260	45	21	24
FISH CLASS 4	4B	Arsenic	45	21	24
FISH CLASS 4	4B	Benzo(a)anthracene	43	19	24
FISH CLASS 4	4B	Benzo(a)pyrene	43	19	24
FISH CLASS 4	4B	Benzo(b)fluoranthene	43	19	24
FISH CLASS 4	4B	Benzo(g,h,i)perylene	43	19	24
FISH CLASS 4	4B	Benzo(k)fluoranthene	43	19	24
FISH CLASS 4	4B	beta-BHC	43	20	23
FISH CLASS 4	4B	Cadmium	45	21	24
FISH CLASS 4	4B	Chromium	45	21	24
FISH CLASS 4	4B	Chrysene	43	19	24
FISH CLASS 4	4B	Copper	45	21	24
FISH CLASS 4	4B	delta-BHC	43	20	23
FISH CLASS 4	4B	Dibenzo(a,h)anthracene	43	19	24

Draft

Summary of prey groups with BSAF values that included whole body tissue concentrations estimated from fillet results

Class	Group	Chemical	Total Tissue Samples	Whole Body	Fillet Conversion
FISH CLASS 4	4B	Endosulfan I	45	21	24
FISH CLASS 4	4B	Endosulfan II	45	21	24
FISH CLASS 4	4B	Endrin	45	21	24
FISH CLASS 4	4B	Fluoranthene	45	21	24
FISH CLASS 4	4B	Fluorene	45	21	24
FISH CLASS 4	4B	gamma-BHC (Lindane)	45	21	24
FISH CLASS 4	4B	gamma-Chlordane	45	21	24
FISH CLASS 4	4B	Heptachlor	45	21	24
FISH CLASS 4	4B	Heptachlor Epoxide	45	21	24
FISH CLASS 4	4B	Hexachloro-1,3-butadiene	45	21	24
FISH CLASS 4	4B	Hexachlorobenzene	45	21	24
FISH CLASS 4	4B	Hexachloroethane	45	21	24
FISH CLASS 4	4B	Indeno(1,2,3-cd)pyrene	43	19	24
FISH CLASS 4	4B	Lead	45	21	24
FISH CLASS 4	4B	Mercury	45	21	24
FISH CLASS 4	4B	Methoxychlor	45	21	24
FISH CLASS 4	4B	Nickel	45	21	24
FISH CLASS 4	4B	OCDD	10	4	6
FISH CLASS 4	4B	OCDF	10	4	6
FISH CLASS 4	4B	PCB-105	10	4	6
FISH CLASS 4	4B	PCB-114	10	4	6
FISH CLASS 4	4B	PCB-118	10	4	6
FISH CLASS 4	4B	PCB-126	10	4	6
FISH CLASS 4	4B	PCB-156	10	4	6
FISH CLASS 4	4B	PCB-157	10	4	6
FISH CLASS 4	4B	PCB-167	10	4	6
FISH CLASS 4	4B	PCB-169	10	4	6
FISH CLASS 4	4B	PCB-189	10	4	6
FISH CLASS 4	4B	Pentachlorophenol	9	1	8
FISH CLASS 4	4B	Phenanthrene	45	21	24
FISH CLASS 4	4B	Pyrene	43	19	24
FISH CLASS 4	4B	Selenium	45	21	24
FISH CLASS 4	4B	Total Chlordane (U=1/2; max	45	21	24
FISH CLASS 4	4B	Total DDT (U=1/2; max ND)	45	21	24
FISH CLASS 4	4B	Total Dioxin/Furan TEQ mamr	10	4	6
FISH CLASS 4	4B	Total HPAH (U=1/2; max ND)	45	21	24
FISH CLASS 4	4B	Total LPAH (U=1/2; max ND)	45	21	24
FISH CLASS 4	4B	Total PAH (U=1/2; max ND)	45	21	24
FISH CLASS 4	4B	Total PCB Cong-209 (U=0, ma	20	8	12
FISH CLASS 4	4B	Total PCB Congs (U=1/2; max	10	4	6
FISH CLASS 4	4B	Total PCBs (U=0, max RL)	45	21	24
FISH CLASS 4	4B	Total PCBs (U=1/2; max ND)	45	21	24
FISH CLASS 4	4B	Zinc	45	21	24

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* No fillet conversion was performed for Class 1, 2A, 2B, 3A, or 4A fish samples.

Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 1	1,2,3,4,6,7,8-HpCDD	18	
FISH CLASS 1	1,2,3,4,6,7,8-HpCDF	18	
FISH CLASS 1	1,2,3,4,7,8,9-HpCDF	18	
FISH CLASS 1	1,2,3,4,7,8-HxCDD	18	
FISH CLASS 1	1,2,3,4,7,8-HxCDF	18	
FISH CLASS 1	1,2,3,6,7,8-HxCDD	18	
FISH CLASS 1	1,2,3,6,7,8-HxCDF	18	
FISH CLASS 1	1,2,3,7,8,9-HxCDD	18	
FISH CLASS 1	1,2,3,7,8,9-HxCDF	18	
FISH CLASS 1	1,2,3,7,8-PeCDD	18	
FISH CLASS 1	1,2,3,7,8-PeCDF	18	
FISH CLASS 1	2,3,4,6,7,8-HxCDF	18	
FISH CLASS 1	2,3,4,7,8-PeCDF	18	
FISH CLASS 1	2,3,7,8-TCDD	18	
FISH CLASS 1	2,3,7,8-TCDF	18	
FISH CLASS 1	2-Methylnaphthalene	77	
FISH CLASS 1	4,4'-DDD	78	
FISH CLASS 1	4,4'-DDE	78	1
FISH CLASS 1	4,4'-DDT	78	
FISH CLASS 1	Acenaphthene	77	
FISH CLASS 1	Acenaphthylene	77	
FISH CLASS 1	Aldrin	78	
FISH CLASS 1	alpha-Chlordane	78	
FISH CLASS 1	Anthracene	77	
FISH CLASS 1	Aroclor-1016	72	
FISH CLASS 1	Aroclor-1221	72	
FISH CLASS 1	Aroclor-1232	72	
FISH CLASS 1	Aroclor-1242	72	
FISH CLASS 1	Aroclor-1248	72	
FISH CLASS 1	Aroclor-1254	78	
FISH CLASS 1	Aroclor-1260	77	
FISH CLASS 1	Arsenic	78	
FISH CLASS 1	Benzo(a)anthracene	74	
FISH CLASS 1	Benzo(a)pyrene	54	
FISH CLASS 1	Benzo(b)fluoranthene	54	
FISH CLASS 1	Benzo(g,h,i)perylene	54	
FISH CLASS 1	Benzo(k)fluoranthene	54	
FISH CLASS 1	beta-BHC	78	
FISH CLASS 1	Cadmium	78	
FISH CLASS 1	Chromium	78	
FISH CLASS 1	Chrysene	74	
FISH CLASS 1	Copper	78	
FISH CLASS 1	delta-BHC	78	
FISH CLASS 1	Dibenzo(a,h)anthracene	54	
FISH CLASS 1	Endosulfan I	78	
FISH CLASS 1	Endosulfan II	78	
FISH CLASS 1	Endrin	78	
FISH CLASS 1	Fluoranthene	77	
FISH CLASS 1	Fluorene	77	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 1	gamma-BHC (Lindane)	78	
FISH CLASS 1	gamma-Chlordane	78	
FISH CLASS 1	Heptachlor	78	
FISH CLASS 1	Heptachlor Epoxide	78	
FISH CLASS 1	Hexachloro-1,3-butadiene	77	
FISH CLASS 1	Hexachlorobenzene	77	
FISH CLASS 1	Hexachloroethane	77	
FISH CLASS 1	Indeno(1,2,3-cd)pyrene	54	
FISH CLASS 1	Lead	78	
FISH CLASS 1	Mercury	78	
FISH CLASS 1	Methoxychlor	78	
FISH CLASS 1	Nickel	78	
FISH CLASS 1	OCDD	18	
FISH CLASS 1	OCDF	18	
FISH CLASS 1	PCB-105	18	
FISH CLASS 1	PCB-114	18	
FISH CLASS 1	PCB-118	18	
FISH CLASS 1	PCB-126	18	
FISH CLASS 1	PCB-156	18	
FISH CLASS 1	PCB-157	18	
FISH CLASS 1	PCB-167	18	
FISH CLASS 1	PCB-169	18	
FISH CLASS 1	PCB-189	18	
FISH CLASS 1	Pentachlorophenol	20	
FISH CLASS 1	Phenanthrene	77	
FISH CLASS 1	Pyrene	74	
FISH CLASS 1	Selenium	78	
FISH CLASS 1	Total Chlordane (U=1/2; max ND)	78	
FISH CLASS 1	Total DDT (U=1/2; max ND)	78	
FISH CLASS 1	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	18	
FISH CLASS 1	Total HPAH (U=1/2; max ND)	77	
FISH CLASS 1	Total LPAH (U=1/2; max ND)	77	
FISH CLASS 1	Total PAH (U=1/2; max ND)	77	
FISH CLASS 1	Total PCB Cong-209 (U=0, max RL)	27	
FISH CLASS 1	Total PCB Congs (U=1/2; max ND)	18	
FISH CLASS 1	Total PCBs (U=0, max RL)	78	
FISH CLASS 1	Total PCBs (U=1/2; max ND)	78	1
FISH CLASS 1	Zinc	78	
FISH CLASS 2	1,2,3,4,6,7,8-HpCDD	6	
FISH CLASS 2	1,2,3,4,6,7,8-HpCDF	6	
FISH CLASS 2	1,2,3,4,7,8,9-HpCDF	6	
FISH CLASS 2	1,2,3,4,7,8-HxCDD	6	
FISH CLASS 2	1,2,3,4,7,8-HxCDF	6	
FISH CLASS 2	1,2,3,6,7,8-HxCDD	6	
FISH CLASS 2	1,2,3,6,7,8-HxCDF	6	
FISH CLASS 2	1,2,3,7,8,9-HxCDD	6	
FISH CLASS 2	1,2,3,7,8,9-HxCDF	6	
FISH CLASS 2	1,2,3,7,8-PeCDD	6	
FISH CLASS 2	1,2,3,7,8-PeCDF	6	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 2	1,2-Dichlorobenzene	1	
FISH CLASS 2	1,3-Dichlorobenzene	1	
FISH CLASS 2	1,4-Dichlorobenzene	1	
FISH CLASS 2	2,3,4,6,7,8-HxCDF	6	
FISH CLASS 2	2,3,4,7,8-PeCDF	6	
FISH CLASS 2	2,3,7,8-TCDD	6	
FISH CLASS 2	2,3,7,8-TCDF	6	
FISH CLASS 2	2-Methylnaphthalene	22	
FISH CLASS 2	4,4'-DDD	24	
FISH CLASS 2	4,4'-DDE	24	2
FISH CLASS 2	4,4'-DDT	24	1
FISH CLASS 2	Acenaphthene	22	
FISH CLASS 2	Acenaphthylene	22	
FISH CLASS 2	Aldrin	24	
FISH CLASS 2	alpha-Chlordane	24	1
FISH CLASS 2	Anthracene	22	
FISH CLASS 2	Aroclor-1016	24	
FISH CLASS 2	Aroclor-1221	24	
FISH CLASS 2	Aroclor-1232	24	
FISH CLASS 2	Aroclor-1242	24	
FISH CLASS 2	Aroclor-1248	24	
FISH CLASS 2	Aroclor-1254	24	
FISH CLASS 2	Aroclor-1260	24	
FISH CLASS 2	Arsenic	24	
FISH CLASS 2	Benzo(a)anthracene	20	
FISH CLASS 2	Benzo(a)pyrene	20	
FISH CLASS 2	Benzo(b)fluoranthene	20	
FISH CLASS 2	Benzo(g,h,i)perylene	20	
FISH CLASS 2	Benzo(k)fluoranthene	20	
FISH CLASS 2	beta-BHC	24	
FISH CLASS 2	Cadmium	24	
FISH CLASS 2	Chromium	24	
FISH CLASS 2	Chrysene	20	
FISH CLASS 2	Copper	24	
FISH CLASS 2	delta-BHC	24	
FISH CLASS 2	Dibenzo(a,h)anthracene	20	
FISH CLASS 2	Endosulfan I	24	
FISH CLASS 2	Endosulfan II	24	
FISH CLASS 2	Endrin	24	
FISH CLASS 2	Fluoranthene	22	
FISH CLASS 2	Fluorene	22	
FISH CLASS 2	gamma-BHC (Lindane)	24	1
FISH CLASS 2	gamma-Chlordane	24	1
FISH CLASS 2	Heptachlor	24	
FISH CLASS 2	Heptachlor Epoxide	24	
FISH CLASS 2	Hexachloro-1,3-butadiene	22	
FISH CLASS 2	Hexachlorobenzene	22	
FISH CLASS 2	Hexachloroethane	22	
FISH CLASS 2	Indeno(1,2,3-cd)pyrene	20	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 2	Lead	24	
FISH CLASS 2	Mercury	24	
FISH CLASS 2	Methoxychlor	24	
FISH CLASS 2	Nickel	24	
FISH CLASS 2	OCDD	6	
FISH CLASS 2	OCDF	6	
FISH CLASS 2	PCB-105	6	
FISH CLASS 2	PCB-114	6	
FISH CLASS 2	PCB-118	6	
FISH CLASS 2	PCB-126	6	
FISH CLASS 2	PCB-156	6	
FISH CLASS 2	PCB-157	6	
FISH CLASS 2	PCB-167	6	
FISH CLASS 2	PCB-169	6	
FISH CLASS 2	PCB-189	6	
FISH CLASS 2	Pentachlorophenol	21	
FISH CLASS 2	Phenanthrene	22	
FISH CLASS 2	Pyrene	20	
FISH CLASS 2	Selenium	24	
FISH CLASS 2	Total Chlordane (U=1/2; max ND)	24	
FISH CLASS 2	Total DDT (U=1/2; max ND)	24	
FISH CLASS 2	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	6	
FISH CLASS 2	Total HPAH (U=1/2; max ND)	22	
FISH CLASS 2	Total LPAH (U=1/2; max ND)	22	
FISH CLASS 2	Total PAH (U=1/2; max ND)	22	
FISH CLASS 2	Total PCB Cong-209 (U=0, max RL)	9	
FISH CLASS 2	Total PCB Congs (U=1/2; max ND)	6	
FISH CLASS 2	Total PCBs (U=0, max RL)	24	
FISH CLASS 2	Total PCBs (U=1/2; max ND)	24	1
FISH CLASS 2	Zinc	24	
FISH CLASS 3	1,2,3,4,6,7,8-HpCDD	10	
FISH CLASS 3	1,2,3,4,6,7,8-HpCDF	10	
FISH CLASS 3	1,2,3,4,7,8,9-HpCDF	10	
FISH CLASS 3	1,2,3,4,7,8-HxCDD	10	
FISH CLASS 3	1,2,3,4,7,8-HxCDF	10	
FISH CLASS 3	1,2,3,6,7,8-HxCDD	10	
FISH CLASS 3	1,2,3,6,7,8-HxCDF	10	
FISH CLASS 3	1,2,3,7,8,9-HxCDD	10	
FISH CLASS 3	1,2,3,7,8,9-HxCDF	10	
FISH CLASS 3	1,2,3,7,8-PeCDD	10	
FISH CLASS 3	1,2,3,7,8-PeCDF	10	
FISH CLASS 3	1,2-Dichlorobenzene	8	
FISH CLASS 3	1,3-Dichlorobenzene	8	
FISH CLASS 3	1,4-Dichlorobenzene	8	
FISH CLASS 3	2,3,4,6,7,8-HxCDF	10	
FISH CLASS 3	2,3,4,7,8-PeCDF	10	
FISH CLASS 3	2,3,7,8-TCDD	10	
FISH CLASS 3	2,3,7,8-TCDF	10	
FISH CLASS 3	2-Methylnaphthalene	40	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 3	4,4'-DDD	42	
FISH CLASS 3	4,4'-DDE	42	2
FISH CLASS 3	4,4'-DDT	42	2
FISH CLASS 3	Acenaphthene	40	
FISH CLASS 3	Acenaphthylene	40	
FISH CLASS 3	Aldrin	42	
FISH CLASS 3	alpha-Chlordane	42	1
FISH CLASS 3	Anthracene	40	
FISH CLASS 3	Aroclor-1016	41	
FISH CLASS 3	Aroclor-1221	41	
FISH CLASS 3	Aroclor-1232	41	
FISH CLASS 3	Aroclor-1242	41	
FISH CLASS 3	Aroclor-1248	41	
FISH CLASS 3	Aroclor-1254	43	
FISH CLASS 3	Aroclor-1260	43	
FISH CLASS 3	Arsenic	43	
FISH CLASS 3	Benzo(a)anthracene	40	
FISH CLASS 3	Benzo(a)pyrene	39	
FISH CLASS 3	Benzo(b)fluoranthene	39	
FISH CLASS 3	Benzo(g,h,i)perylene	39	
FISH CLASS 3	Benzo(k)fluoranthene	39	
FISH CLASS 3	beta-BHC	36	
FISH CLASS 3	Cadmium	43	
FISH CLASS 3	Chromium	43	
FISH CLASS 3	Chrysene	40	
FISH CLASS 3	Copper	43	
FISH CLASS 3	delta-BHC	35	
FISH CLASS 3	Dibenzo(a,h)anthracene	39	
FISH CLASS 3	Endosulfan I	42	
FISH CLASS 3	Endosulfan II	42	
FISH CLASS 3	Endrin	42	
FISH CLASS 3	Fluoranthene	40	
FISH CLASS 3	Fluorene	40	
FISH CLASS 3	gamma-BHC (Lindane)	42	
FISH CLASS 3	gamma-Chlordane	42	
FISH CLASS 3	Heptachlor	42	
FISH CLASS 3	Heptachlor Epoxide	42	
FISH CLASS 3	Hexachloro-1,3-butadiene	43	
FISH CLASS 3	Hexachlorobenzene	40	
FISH CLASS 3	Hexachloroethane	40	
FISH CLASS 3	Indeno(1,2,3-cd)pyrene	39	
FISH CLASS 3	Lead	43	
FISH CLASS 3	Mercury	43	
FISH CLASS 3	Methoxychlor	42	
FISH CLASS 3	Nickel	43	
FISH CLASS 3	OCDD	10	
FISH CLASS 3	OCDF	10	
FISH CLASS 3	PCB-105	9	
FISH CLASS 3	PCB-114	9	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 3	PCB-118	9	
FISH CLASS 3	PCB-126	9	
FISH CLASS 3	PCB-156	9	
FISH CLASS 3	PCB-157	9	
FISH CLASS 3	PCB-167	9	
FISH CLASS 3	PCB-169	9	
FISH CLASS 3	PCB-174		1
FISH CLASS 3	PCB-179		1
FISH CLASS 3	PCB-180		1
FISH CLASS 3	PCB-183		1
FISH CLASS 3	PCB-187		1
FISH CLASS 3	PCB-189	9	
FISH CLASS 3	PCB-194		1
FISH CLASS 3	PCB-196		1
FISH CLASS 3	PCB-199		2
FISH CLASS 3	PCB-201		1
FISH CLASS 3	PCB-202		1
FISH CLASS 3	PCB-206		1
FISH CLASS 3	PCB-207		1
FISH CLASS 3	PCB-208		1
FISH CLASS 3	PCB-209		1
FISH CLASS 3	Pentachlorophenol	25	
FISH CLASS 3	Phenanthrene	40	
FISH CLASS 3	Pyrene	40	
FISH CLASS 3	Selenium	43	
FISH CLASS 3	Total Chlordane (U=1/2; max ND)	42	
FISH CLASS 3	Total DDT (U=1/2; max ND)	42	
FISH CLASS 3	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	10	
FISH CLASS 3	Total HPAH (U=1/2; max ND)	40	
FISH CLASS 3	Total LPAH (U=1/2; max ND)	40	
FISH CLASS 3	Total PAH (U=1/2; max ND)	40	
FISH CLASS 3	Total PCB Cong-209 (U=0, max RL)	15	
FISH CLASS 3	Total PCB Congs (U=1/2; max ND)	9	
FISH CLASS 3	Total PCBs (U=0, max RL)	43	
FISH CLASS 3	Total PCBs (U=1/2; max ND)	43	1
FISH CLASS 3	Zinc	43	
FISH CLASS 4	1,2,3,4,6,7,8-HpCDD	13	
FISH CLASS 4	1,2,3,4,6,7,8-HpCDF	13	
FISH CLASS 4	1,2,3,4,7,8,9-HpCDF	13	
FISH CLASS 4	1,2,3,4,7,8-HxCDD	13	
FISH CLASS 4	1,2,3,4,7,8-HxCDF	13	
FISH CLASS 4	1,2,3,6,7,8-HxCDD	13	
FISH CLASS 4	1,2,3,6,7,8-HxCDF	13	
FISH CLASS 4	1,2,3,7,8,9-HxCDD	13	
FISH CLASS 4	1,2,3,7,8,9-HxCDF	13	
FISH CLASS 4	1,2,3,7,8-PeCDD	13	
FISH CLASS 4	1,2,3,7,8-PeCDF	13	
FISH CLASS 4	1,2-Dichlorobenzene	5	
FISH CLASS 4	1,3-Dichlorobenzene	5	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 4	1,4-Dichlorobenzene	5	
FISH CLASS 4	2,3,4,6,7,8-HxCDF	13	
FISH CLASS 4	2,3,4,7,8-PeCDF	13	
FISH CLASS 4	2,3,7,8-TCDD	13	
FISH CLASS 4	2,3,7,8-TCDF	13	
FISH CLASS 4	2-Methylnaphthalene	57	
FISH CLASS 4	4,4'-DDD	57	5
FISH CLASS 4	4,4'-DDE	57	6
FISH CLASS 4	4,4'-DDT	57	4
FISH CLASS 4	Acenaphthene	57	
FISH CLASS 4	Acenaphthylene	57	
FISH CLASS 4	Aldrin	57	
FISH CLASS 4	alpha-Chlordane	56	2
FISH CLASS 4	Anthracene	57	
FISH CLASS 4	Aroclor-1016	56	
FISH CLASS 4	Aroclor-1221	56	
FISH CLASS 4	Aroclor-1232	56	
FISH CLASS 4	Aroclor-1242	56	
FISH CLASS 4	Aroclor-1248	56	
FISH CLASS 4	Aroclor-1254	56	
FISH CLASS 4	Aroclor-1260	56	
FISH CLASS 4	Arsenic	57	
FISH CLASS 4	Benzo(a)anthracene	55	
FISH CLASS 4	Benzo(a)pyrene	53	
FISH CLASS 4	Benzo(b)fluoranthene	53	
FISH CLASS 4	Benzo(g,h,i)perylene	53	
FISH CLASS 4	Benzo(k)fluoranthene	53	
FISH CLASS 4	beta-BHC	55	
FISH CLASS 4	Cadmium	57	
FISH CLASS 4	Chromium	57	
FISH CLASS 4	Chrysene	55	
FISH CLASS 4	Copper	57	
FISH CLASS 4	delta-BHC	55	
FISH CLASS 4	Dibenzo(a,h)anthracene	53	
FISH CLASS 4	Endosulfan I	57	
FISH CLASS 4	Endosulfan II	57	
FISH CLASS 4	Endrin	57	
FISH CLASS 4	Fluoranthene	57	
FISH CLASS 4	Fluorene	57	
FISH CLASS 4	gamma-BHC (Lindane)	57	
FISH CLASS 4	gamma-Chlordane	57	3
FISH CLASS 4	Heptachlor	57	
FISH CLASS 4	Heptachlor Epoxide	57	1
FISH CLASS 4	Hexachloro-1,3-butadiene	57	
FISH CLASS 4	Hexachlorobenzene	57	
FISH CLASS 4	Hexachloroethane	57	
FISH CLASS 4	Indeno(1,2,3-cd)pyrene	53	
FISH CLASS 4	Lead	57	
FISH CLASS 4	Mercury	57	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
FISH CLASS 4	Methoxychlor	57	
FISH CLASS 4	Nickel	57	
FISH CLASS 4	OCDD	13	
FISH CLASS 4	OCDF	13	
FISH CLASS 4	PCB-105	13	
FISH CLASS 4	PCB-114	13	
FISH CLASS 4	PCB-118	13	
FISH CLASS 4	PCB-126	13	
FISH CLASS 4	PCB-156	13	
FISH CLASS 4	PCB-157	13	
FISH CLASS 4	PCB-167	13	
FISH CLASS 4	PCB-169	13	
FISH CLASS 4	PCB-189	13	
FISH CLASS 4	Pentachlorophenol	21	
FISH CLASS 4	Phenanthrene	57	
FISH CLASS 4	Pyrene	55	
FISH CLASS 4	Selenium	57	
FISH CLASS 4	Total Chlordane (U=1/2; max ND)	57	
FISH CLASS 4	Total DDT (U=1/2; max ND)	57	
FISH CLASS 4	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	13	
FISH CLASS 4	Total HPAH (U=1/2; max ND)	57	
FISH CLASS 4	Total LPAH (U=1/2; max ND)	57	
FISH CLASS 4	Total PAH (U=1/2; max ND)	57	
FISH CLASS 4	Total PCB Cong-209 (U=0, max RL)	26	
FISH CLASS 4	Total PCB Congs (U=1/2; max ND)	13	
FISH CLASS 4	Total PCBs (U=0, max RL)	56	
FISH CLASS 4	Total PCBs (U=1/2; max ND)	56	1
FISH CLASS 4	Zinc	57	
INVERT CLASS 1	1,2,3,4,6,7,8-HpCDD	6	6
INVERT CLASS 1	1,2,3,4,6,7,8-HpCDF	6	5
INVERT CLASS 1	1,2,3,4,7,8,9-HpCDF	6	5
INVERT CLASS 1	1,2,3,4,7,8-HxCDD	6	5
INVERT CLASS 1	1,2,3,4,7,8-HxCDF	6	5
INVERT CLASS 1	1,2,3,6,7,8-HxCDD	6	5
INVERT CLASS 1	1,2,3,6,7,8-HxCDF	6	5
INVERT CLASS 1	1,2,3,7,8,9-HxCDD	6	5
INVERT CLASS 1	1,2,3,7,8,9-HxCDF	6	5
INVERT CLASS 1	1,2,3,7,8-PeCDD	6	5
INVERT CLASS 1	1,2,3,7,8-PeCDF	6	5
INVERT CLASS 1	1,2-Dichlorobenzene	11	
INVERT CLASS 1	1,3-Dichlorobenzene	11	
INVERT CLASS 1	1,4-Dichlorobenzene	11	
INVERT CLASS 1	2,3,4,6,7,8-HxCDF	6	5
INVERT CLASS 1	2,3,4,7,8-PeCDF	6	5
INVERT CLASS 1	2,3,7,8-TCDD	6	5
INVERT CLASS 1	2,3,7,8-TCDF	6	5
INVERT CLASS 1	2-Methylnaphthalene	14	
INVERT CLASS 1	4,4'-DDD	14	2
INVERT CLASS 1	4,4'-DDE	14	9

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
INVERT CLASS 1	4,4'-DDT	14	5
INVERT CLASS 1	Acenaphthene	14	1
INVERT CLASS 1	Acenaphthylene	14	2
INVERT CLASS 1	Aldrin	14	3
INVERT CLASS 1	alpha-Chlordane	14	
INVERT CLASS 1	Anthracene	14	3
INVERT CLASS 1	Aroclor-1016	14	
INVERT CLASS 1	Aroclor-1221	14	
INVERT CLASS 1	Aroclor-1232	14	
INVERT CLASS 1	Aroclor-1242	14	
INVERT CLASS 1	Aroclor-1248	14	7
INVERT CLASS 1	Aroclor-1254	14	7
INVERT CLASS 1	Aroclor-1260	14	5
INVERT CLASS 1	Arsenic	14	
INVERT CLASS 1	Benzo(a)anthracene	14	5
INVERT CLASS 1	Benzo(a)pyrene	11	11
INVERT CLASS 1	Benzo(b)fluoranthene	11	7
INVERT CLASS 1	Benzo(g,h,i)perylene	11	6
INVERT CLASS 1	Benzo(k)fluoranthene	11	7
INVERT CLASS 1	beta-BHC	14	
INVERT CLASS 1	Cadmium	14	
INVERT CLASS 1	Chromium	14	
INVERT CLASS 1	Chrysene	14	7
INVERT CLASS 1	Copper	14	
INVERT CLASS 1	delta-BHC	14	3
INVERT CLASS 1	Dibenzo(a,h)anthracene	11	4
INVERT CLASS 1	Endosulfan I	14	
INVERT CLASS 1	Endosulfan II	14	
INVERT CLASS 1	Endrin	14	1
INVERT CLASS 1	Fluoranthene	14	12
INVERT CLASS 1	Fluorene	14	1
INVERT CLASS 1	gamma-BHC (Lindane)	14	3
INVERT CLASS 1	gamma-Chlordane	14	9
INVERT CLASS 1	Heptachlor	14	
INVERT CLASS 1	Heptachlor Epoxide	14	2
INVERT CLASS 1	Hexachloro-1,3-butadiene	14	
INVERT CLASS 1	Hexachlorobenzene	14	2
INVERT CLASS 1	Hexachloroethane	14	
INVERT CLASS 1	Indeno(1,2,3-cd)pyrene	11	5
INVERT CLASS 1	Lead	14	
INVERT CLASS 1	Mercury	35	
INVERT CLASS 1	Methoxychlor	14	2
INVERT CLASS 1	Naphthalene		7
INVERT CLASS 1	Nickel	14	
INVERT CLASS 1	OCDD	6	5
INVERT CLASS 1	OCDF	6	5
INVERT CLASS 1	PCB-018		7
INVERT CLASS 1	PCB-044		7
INVERT CLASS 1	PCB-049		7

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
INVERT CLASS 1	PCB-052		15
INVERT CLASS 1	PCB-087		7
INVERT CLASS 1	PCB-105	5	
INVERT CLASS 1	PCB-114	5	
INVERT CLASS 1	PCB-118	5	7
INVERT CLASS 1	PCB-123	4	
INVERT CLASS 1	PCB-126	5	
INVERT CLASS 1	PCB-128		7
INVERT CLASS 1	PCB-136	4	
INVERT CLASS 1	PCB-141	4	
INVERT CLASS 1	PCB-151		7
INVERT CLASS 1	PCB-153		9
INVERT CLASS 1	PCB-156	1	
INVERT CLASS 1	PCB-157	1	
INVERT CLASS 1	PCB-167	5	
INVERT CLASS 1	PCB-169	5	
INVERT CLASS 1	PCB-174	4	1
INVERT CLASS 1	PCB-179	4	1
INVERT CLASS 1	PCB-180		8
INVERT CLASS 1	PCB-183		8
INVERT CLASS 1	PCB-187		1
INVERT CLASS 1	PCB-189	5	
INVERT CLASS 1	PCB-194	4	8
INVERT CLASS 1	PCB-196		1
INVERT CLASS 1	PCB-199		9
INVERT CLASS 1	PCB-201		1
INVERT CLASS 1	PCB-202	4	1
INVERT CLASS 1	PCB-206	4	1
INVERT CLASS 1	PCB-207	4	1
INVERT CLASS 1	PCB-208	4	1
INVERT CLASS 1	PCB-209	4	1
INVERT CLASS 1	Pentachlorophenol	11	
INVERT CLASS 1	Phenanthrene	14	7
INVERT CLASS 1	Pyrene	14	7
INVERT CLASS 1	Selenium	14	
INVERT CLASS 1	Total Chlordane (U=1/2; max ND)	14	
INVERT CLASS 1	Total DDT (U=1/2; max ND)	14	
INVERT CLASS 1	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	6	
INVERT CLASS 1	Total HPAH (U=1/2; max ND)	14	
INVERT CLASS 1	Total LPAH (U=1/2; max ND)	14	
INVERT CLASS 1	Total PAH (U=1/2; max ND)	14	
INVERT CLASS 1	Total PCB Cong-209 (U=0, max RL)	5	
INVERT CLASS 1	Total PCB Congs (U=1/2; max ND)	5	
INVERT CLASS 1	Total PCBs (U=0, max RL)	14	
INVERT CLASS 1	Total PCBs (U=1/2; max ND)	14	9
INVERT CLASS 1	Zinc	14	
INVERT CLASS 2	1,2,3,4,6,7,8-HpCDD	5	
INVERT CLASS 2	1,2,3,4,6,7,8-HpCDF	5	
INVERT CLASS 2	1,2,3,4,7,8,9-HpCDF	5	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
INVERT CLASS 2	1,2,3,4,7,8-HxCDD	5	
INVERT CLASS 2	1,2,3,4,7,8-HxCDF	5	
INVERT CLASS 2	1,2,3,6,7,8-HxCDD	5	
INVERT CLASS 2	1,2,3,6,7,8-HxCDF	5	
INVERT CLASS 2	1,2,3,7,8,9-HxCDD	5	
INVERT CLASS 2	1,2,3,7,8,9-HxCDF	5	
INVERT CLASS 2	1,2,3,7,8-PeCDD	5	
INVERT CLASS 2	1,2,3,7,8-PeCDF	5	
INVERT CLASS 2	1,2-Dichlorobenzene	1	
INVERT CLASS 2	1,3-Dichlorobenzene	1	
INVERT CLASS 2	1,4-Dichlorobenzene	1	
INVERT CLASS 2	2,3,4,6,7,8-HxCDF	5	
INVERT CLASS 2	2,3,4,7,8-PeCDF	5	
INVERT CLASS 2	2,3,7,8-TCDD	5	
INVERT CLASS 2	2,3,7,8-TCDF	5	
INVERT CLASS 2	2-Methylnaphthalene	20	
INVERT CLASS 2	4,4'-DDD	21	
INVERT CLASS 2	4,4'-DDE	21	
INVERT CLASS 2	4,4'-DDT	21	
INVERT CLASS 2	Acenaphthene	20	
INVERT CLASS 2	Acenaphthylene	20	
INVERT CLASS 2	Aldrin	21	
INVERT CLASS 2	alpha-Chlordane	21	
INVERT CLASS 2	Anthracene	20	
INVERT CLASS 2	Aroclor-1016	21	
INVERT CLASS 2	Aroclor-1221	21	
INVERT CLASS 2	Aroclor-1232	21	
INVERT CLASS 2	Aroclor-1242	21	
INVERT CLASS 2	Aroclor-1248	21	
INVERT CLASS 2	Aroclor-1254	21	
INVERT CLASS 2	Aroclor-1260	21	
INVERT CLASS 2	Arsenic	21	
INVERT CLASS 2	Benzo(a)anthracene	20	
INVERT CLASS 2	Benzo(a)pyrene	13	
INVERT CLASS 2	Benzo(b)fluoranthene	13	
INVERT CLASS 2	Benzo(g,h,i)perylene	13	
INVERT CLASS 2	Benzo(k)fluoranthene	13	
INVERT CLASS 2	beta-BHC	21	
INVERT CLASS 2	Cadmium	19	
INVERT CLASS 2	Chromium	21	
INVERT CLASS 2	Chrysene	20	
INVERT CLASS 2	Copper	21	
INVERT CLASS 2	delta-BHC	21	
INVERT CLASS 2	Dibenzo(a,h)anthracene	13	
INVERT CLASS 2	Endosulfan I	21	
INVERT CLASS 2	Endosulfan II	21	
INVERT CLASS 2	Endrin	21	
INVERT CLASS 2	Fluoranthene	20	
INVERT CLASS 2	Fluorene	20	

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Comparison between sources of BSAF records for COPC Refinement Memo

Class	chemical_name_Anch	Calcasieu	ERDC USACE
INVERT CLASS 2	gamma-BHC (Lindane)	21	
INVERT CLASS 2	gamma-Chlordane	21	
INVERT CLASS 2	Heptachlor	21	
INVERT CLASS 2	Heptachlor Epoxide	21	
INVERT CLASS 2	Hexachloro-1,3-butadiene	20	
INVERT CLASS 2	Hexachlorobenzene	20	
INVERT CLASS 2	Hexachloroethane	20	
INVERT CLASS 2	Indeno(1,2,3-cd)pyrene	13	
INVERT CLASS 2	Lead	21	
INVERT CLASS 2	Mercury	21	
INVERT CLASS 2	Methoxychlor	21	
INVERT CLASS 2	Nickel	21	
INVERT CLASS 2	OCDD	5	
INVERT CLASS 2	OCDF	5	
INVERT CLASS 2	PCB-105	5	
INVERT CLASS 2	PCB-114	5	
INVERT CLASS 2	PCB-118	5	
INVERT CLASS 2	PCB-126	5	
INVERT CLASS 2	PCB-156	5	
INVERT CLASS 2	PCB-157	5	
INVERT CLASS 2	PCB-167	5	
INVERT CLASS 2	PCB-169	5	
INVERT CLASS 2	PCB-189	5	
INVERT CLASS 2	Pentachlorophenol	13	
INVERT CLASS 2	Phenanthrene	20	
INVERT CLASS 2	Pyrene	20	
INVERT CLASS 2	Selenium	21	
INVERT CLASS 2	Total Chlordane (U=1/2; max ND)	21	
INVERT CLASS 2	Total DDT (U=1/2; max ND)	21	
INVERT CLASS 2	Total Dioxin/Furan TEQ mammal (U=1/2; max ND)	5	
INVERT CLASS 2	Total HPAH (U=1/2; max ND)	20	
INVERT CLASS 2	Total LPAH (U=1/2; max ND)	20	
INVERT CLASS 2	Total PAH (U=1/2; max ND)	20	
INVERT CLASS 2	Total PCB Cong-209 (U=0, max RL)	5	
INVERT CLASS 2	Total PCB Congs (U=1/2; max ND)	5	
INVERT CLASS 2	Total PCBs (U=0, max RL)	21	
INVERT CLASS 2	Total PCBs (U=1/2; max ND)	21	
INVERT CLASS 2	Zinc	21	
	Total Records	14947	415

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Species list for Patrick Bayou BSAF database

Organism Type	Species Name	Gulf Coast	Freshwater or Marine
FISH	Ameiurus melas	YES	Freshwater
FISH	Atlantic croaker	yes	Marine
FISH	Black Drum	yes	Marine
FISH	Catostomus columbianus	NO	Freshwater
FISH	Catostomus commersoni	YES	Freshwater
FISH	Catostomus macrocheilus	NO	Freshwater
FISH	Cottus beldingii	NO	Freshwater
FISH	Cottus spp.	NO	Freshwater/Marine
FISH	Cyprinus carpio	YES	Freshwater/Brackish
FISH	Flounder	yes	Marine
FISH	Gambusia holbrooki	NO	Freshwater/Brackish
FISH	Gizzard shad	yes	Freshwater/Marine
FISH	Gulf killifish	yes	Freshwater/Marine
FISH	Gulf menhaden	yes	Marine
FISH	Ictalurus punctatus	YES	Freshwater
FISH	Micropterus dolomieu	YES	Freshwater
FISH	Mugil cephalus	YES	Freshwater/Marine
FISH	Oncorhynchus mykiss	NO	Freshwater/Marine
FISH	Pimephales promelas	YES	Freshwater
FISH	Pinfish	yes	Freshwater/Marine
FISH	Red drum	yes	Marine
FISH	Sailfin molly	yes	Freshwater/Brackish
FISH	Salmo trutta	NO	Freshwater/Marine
FISH	Sand seatrout	yes	Marine
FISH	Sea Trout	yes	Freshwater/Marine
FISH	Sheepshead minnow	yes	Freshwater/Marine
FISH	Skipjack herring	yes	Freshwater/Brackish
FISH	Spot	yes	Marine
FISH	Spotted seatrout	yes	Marine
FISH	Striped mullet	yes	Freshwater/Marine
FISH	Threadfin shad	yes	Freshwater/Brackish
FISH	White mullet	yes	Marine
INVERT	Arabellidae	YES	Marine
INVERT	Blue crab	yes	Marine
INVERT	Cerebratulus lacteus	YES	Marine
INVERT	Chasmagnathus granulata	NO	Marine
INVERT	Clams	yes	Marine
INVERT	Fiddler Crab	yes	Marine
INVERT	Leitoscoloplos fragilis	NO	Marine
INVERT	Limnodrilus spp.	YES	Freshwater
INVERT	Lumbriculus variegatus	YES	Freshwater
INVERT	Lumbrineridae misc.	YES	Marine
INVERT	Macoma nasuta	NO	Marine
INVERT	Marenzelleria viridis	NO	Marine
INVERT	Mercenaria spp.	YES	Marine
INVERT	Mollusca misc.	YES	Freshwater/Marine
INVERT	Mussels	yes	Marine
INVERT	Neanthes virens	NO	Marine
INVERT	Nephtys incisa	NO	Marine
INVERT	Nephtys spp.	YES	Marine

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Species list for Patrick Bayou BSAF database

Organism Type	Species Name	Gulf Coast	Freshwater or Marine
INVERT	Nereis diversicolor	NO	Marine
INVERT	Nucula spp.	YES	Marine
INVERT	Palaemonetes pugio	YES	Marine
INVERT	Polychaete misc.	YES	Freshwater/Marine
INVERT	Rangia	yes	Marine
INVERT	Shrimp	yes	Marine
INVERT	Yoldia limatula	NO	Marine

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