ICPSR 25501

National Health and Nutrition Examination Survey (NHANES), 1999-2000

United States Department of Health and Human Services. Centers for Disease Control and Prevention. National Center for Health Statistics

NCHS User Guide -- Laboratory: Lab 18 Biochemistry Profile and Hormones

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NHANES 1999–2000 Data Documentation Revised August 2006

Lab 18-Biochemistry Profile

Correction for Serum Creatinine for NHANES 1999-2000 is <u>highly</u> recommended.

Description

This battery of measurements are used in the diagnosis and treatment of certain liver, heart, and kidney diseases, acid-base imbalance in the respiratory and metabolic systems, other diseases involving lipid metabolism and various endocrine disorders as well as other metabolic or nutritional disorders.

1. Alanine Aminotransferase (ALT)

Alanine aminotransferase measurements are used in the diagnosis and treatment of certain liver diseases (e.g., viral hepatitis and cirrhosis) and heart diseases. Elevated levels of the transaminases can indicate myocardial infarction, hepatic disease, muscular dystrophy, or organ damage. Serum elevations of ALT activity are rarely observed except in parenchymal liver disease, since ALT is a more liver-specific enzyme than aspartate aminotransferase (AST).

2. Albumin

Albumin measurements are used in the diagnosis and treatment of numerous diseases primarily involving the liver or kidneys.

3. Alkaline Phosphatase (ALP)

Increased ALP activity is associated with two groups of diseases: those affecting liver function and those involving osteoblastic activity in the bones. In hepatic disease, an increase in ALP activity is generally accepted as an indication of biliary obstruction. An increase in serum phosphatase activity is associated with primary hyperparathyroidism, secondary hyperparathyroidism owing to chronic renal disease, rickets, and osteitis deformans juvenilia due to vitamin D deficiency and malabsorption or renal tubular dystrophies. Increased levels of ALP are also associated with Von Recklinghausen's disease with bone involvement and malignant infiltrations of bone. Low levels are associated with hyperthyroidism, and with the rare condition of idiopathic hypophosphatasia associated with rickets and the excretion of excess phosphatidyl ethanolamine in the urine.

4. Aspartate Aminotransferase (AST)

AST measurements are used in the diagnosis and treatment of certain types of liver and heart disease. Elevated levels of the transaminases can signal myocardial infarction, hepatic disease, muscular dystrophy, or organ damage.

5. Bicarbonate (HCO3)

Together with pH determination, bicarbonate measurements are used in the diagnosis and treatment of numerous potentially serious disorders associated with acid-base imbalance in the respiratory and metabolic systems.

6. Blood Urea Nitrogen (BUN)

BUN measurements are used in the diagnosis of certain renal and metabolic diseases. The determination of serum urea nitrogen is the most widely used test for the evaluation of kidney function. The test is frequently requested in conjunction with the serum creatinine test for the differential diagnosis of prerenal, renal, and postrenal uremia. High BUN levels are associated with impaired renal function, increased protein catabolism, nephritis, intestinal obstruction, urinary obstruction, metallic poisoning, cardiac failure, peritonitis, dehydration, malignancy, pneumonia, surgical shock, Addison's disease, and uremia. Low

BUN levels are associated with amyloidosis, acute liver disease, pregnancy, and nephrosis. Normal variations are observed according to a person's age and sex, the time of day, and diet, particularly protein intake.

7. Calcium

Elevated total serum calcium levels are associated with idiopathic hypercalcemia, vitamin D intoxication, hyperparathyroidism, sarcoidosis, pneumocystic carinii pneumonia, and blue diaper syndrome. Low calcium levels are associated with hypoparathyroidism, pseudo-hypoparathyroidism, chronic renal failure, rickets, infantile tetany, and steroid therapy.

8. Cholesterol

An elevated cholesterol level is associated with diabetes, nephrosis, hypothyroidism, biliary obstruction, and those rare cases of idiopathic hypercholesterolemia and hyperlipidemia; low levels are associated with hyperthyroidism, hepatitis, and sometimes severe anemia or infection.

9. Creatinine

Creatinine measurement serves as a test for normal glomerular filtration. Elevated levels are associated with acute and chronic renal insufficiency and urinary tract obstruction. Levels below 0.6 mg/dL are of no significance.

10. Gamma Glutamyl Transaminase (GGT)

GT measurement is principally used to diagnose and monitor hepatobiliary disease. It is currently the most sensitive enzymatic indicator of liver disease, with normal values rarely found in the presence of hepatic disease. It is also used as a sensitive screening test for occult alcoholism. Elevated levels are found in patients who chronically take drugs such as phenobarbital and phenytoin.

11. Glucose

Glucose measurements are used in the diagnosis and treatment of pancreatic islet cell carcinoma and of carbohydrate metabolism disorders, including diabetes mellitus, neonatal hypoglycemia, and idiopathic hypoglycemia.

12. Iron

Iron (non-heme) measurements are used in the diagnosis and treatment of diseases such as iron deficiency anemia, chronic renal disease, and hemochromatosis (a disease associated with widespread deposit in the tissues of two iron-containing pigments, hemosiderin and hemofuscin, and characterized by pigmentation of the skin).

13. Lactate Dehydrogenase (LDH)

LDH measurements are used in the diagnosis and treatment of liver diseases such as acute viral hepatitis, cirrhosis, and metastatic carcinoma of the liver; cardiac diseases such as myocardial infarction; and tumors of the lungs or kidneys.

14. Phosphorus

There is a reciprocal relationship between serum calcium and inorganic phosphorus. Any increase in the level of inorganic phosphorus causes a decrease in the calcium level by a mechanism not clearly understood. Hyperphosphatemia is associated with vitamin D hypervitaminosis, hypoparathyroidism, and renal failure. Hypophosphatemia is associated with rickets, hyperparathyroidism, and Fanconi syndrome. Measurements of inorganic phosphorus are used in the diagnosis and treatment of various disorders, including parathyroid gland, kidney diseases, and vitamin D imbalance.

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18. Sodium, Potassium, and Chloride

Hyponatremia (low serum sodium level) is associated with a variety of conditions, including severe polyuria, metabolic acidosis, Addison's disease, diarrhea, and renal tubular disease. Hypernatremia (increased serum sodium level) is associated with Cushing's syndrome, severe dehydration due to primary water loss, certain types of brain injury, diabetic coma after therapy with insulin, and excess treatment with sodium salts.

Hypokalemia (low serum potassium level) is associated with body potassium deficiency, excessive potassium loss caused by prolonged diarrhea or prolonged periods of vomiting and increased secretion of mineralocorticosteroids. Hyperkalemia (increased serum potassium level) is associated with oliguria, anuria, and urinary obstruction.

Low serum chloride values are associated with salt-losing nephritis; Addisonian crisis, prolonged vomiting, and metabolic acidosis caused by excessive production or diminished excretion of acids. High serum chloride values are associated with dehydration and conditions causing decreased renal blood flow, such as congestive heart failure.

19. Total Bilirubin

Elevated levels are associated with hemolytic jaundice, paroxysmal hemoglobinuria, pernicious anemia, polycythemia, icterus neonatorum, internal hemorrhage, acute hemolytic anemia, malaria, and septicemia. Low bilirubin levels are associated with aplastic anemia, and certain types of secondary anemia resulting from toxic therapy for carcinoma and chronic nephritis.

20. Total Protein

Total protein measurements are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney, or bone marrow, as well as other metabolic or nutritional disorders.

21. Triglycerides

Triglyceride measurements are used in the diagnosis of diabetes mellitus, nephrosis, liver obstruction, and other diseases involving lipid metabolism and various endocrine disorders and in the treatment of patients with these diseases.

22. Uric Acid

Uric acid measurements are used in the diagnosis and treatment of numerous renal and metabolic disorders, including renal failure, gout, leukemia, psoriasis, starvation, or other wasting conditions and in the treatment of patients receiving cytotoxic drugs.

Eligible Sample and Component-Specific Exclusions:

Participants aged 12 years and older who do not meet any of the exclusion criteria are eligible.

Laboratory Protocol

The 21 analytes described in this method constitute the routine biochemistry profile. The analyses are performed with a Hitachi Model 704 multichannel analyzer (Boehringer Mannheim Diagnostics, Indianapolis, IN). Each analyte is described separately within each pertinent section of this document. NOTE: Glucose, cholesterol, and triglycerides were analyzed as part of this profile, but the results do not replace the formalized reference methods data from NHANES 1999-2000 samples analyzed at other institutions.

Alanine Aminotransferase (ALT)

 α -Ketoglutarate reacts with L-alanine in the presence of ALT to form L-glutamate plus pyruvate. The indicator reaction utilizes the pyruvate for a kinetic determination of NADH consumption. As a group the transaminases catalyze the interconversion of amino acids and α -ketoacids by transfer of amino groups.

Albumin

At the reaction pH, the Bromcresol purple (BCP) in the Boehringer Mannheim Diagnostics (BMD) albumin system reagent binds selectively with albumin. This reaction is based on a modification of a method described by Doumas. Although BCP is structurally similar to the conventional Bromcresol green (BCG), its pH color change interval is higher (5.2 - 6.8) than the color change interval for BCG (3.8 - 5.4), thus reducing the number of weak electrostatic dye/protein interactions. The BCP system eliminates many of the nonspecific reactions with other serum proteins with the increased pH. In addition, the use of a sample blank eliminates background spectral interferences not completely removed by bichromatic analyses.

Alkaline Phosphatase (ALP)

p-Nitrophenylphosphate is hydrolyzed in the presence of magnesium ions by phosphatase to phosphate and p-nitrophenol. The rate of p-nitrophenol liberation is proportional to the alkaline phosphatase activity and can be measured photometrically.

Aspartate Aminotransferase (AST)

α-Ketoglutarate reacts with L-aspartate in the presence of AST to form L-glutamate plus oxaloacetate. The indicator reaction utilizes the oxaloacetate for a kinetic determination of NADH consumption. As a group the transaminases catalyze the interconversion of amino acids and a-ketoacids by transfer of amino groups.

Bicarbonate (HCO3)

Bicarbonate reacts with phosphoenolpyruvate (PEP) in the presence of PEPC to produce oxaloacetate and phosphate. The resultant consumption of NADH causes a decrease in absorbance in the UV range (320 to 400 nm). The rate of change in absorbance is directly proportional to the concentration of bicarbonate in the sample being assayed.

Blood Urea Nitrogen (BUN)

Urea is hydrolyzed by urease to form CO2 and ammonia. The ammonia formed then reacts with a-ketoglutarate and NADH in the presence of GLDH to yield glutamate and NAD+. The decrease in absorbance due to consumption of NADH is measured kinetically.

Calcium

Calcium reacts with o-cresolphthalein complexone in the presence of 8-hydroxyquinoline to form a purple chromophore. The intensity of the final color reaction is proportional to the amount of calcium in the specimen.

O-Cresolphthalein complexone offers a rapid, specific, and sensitive method for the quantitative determination of calcium in serum. This method and other compleximetric methods for the determination of calcium, which are derived from the work of Schwarzenbach, are less tedious than the classic permanganate reference procedures. In 1966, Connerty and Briggs devised a manual photometric method using o-cresolphthalein complexone with protein precipitation to release bound calcium and 8-hydroxyquinoline to mask the interference by magnesium. Sarkar and Chauhan introduced a direct determination of serum calcium in 1967 and modified by Baginski et al in 1973. Others have adapted this method for use with automated analyzers.

Cholesterol

All cholesterol esters present in serum or plasma are hydrolyzed quantitatively into free cholesterol and fatty acids by microbial cholesterol esterase. In the presence of oxygen, free cholesterol is oxidized by cholesterol oxidase to cholest-4-en-3-one. The H2O2 reacts in the presence of peroxidase (POD) with phenol and 4-aminophenazone to form a 0-quinone amine dye. The intensity of the color formed is proportional to the cholesterol concentration and can be measured photometrically.

Creatinine

The creatinine method presented below is based on the work of Popper et al and Seeling and Wuest utilizing the Jaffé reaction. This modification resulted in higher sensitivity and better precision when compared to the original Jaffé method.

In an alkaline medium, creatinine forms a yellow-orange colored complex with picric acid.

Creatinine + picric acid

creatinine-picric acid complex

The rate of color formation is proportional to the concentration of creatinine present and may be measured photometrically.

Gamma Glutamyltransaminase (g-GT)

The g-GT activity at both normal and abnormal levels measured with g-glutamylp-nitroanilide and its carboxy derivative was identical. The procedure described below is based on the studies of Persijn and van der Slik using the readily soluble L-g-glutamyl-3-carboxy-4-nitroanilide as the substrate for g-GT activity determinations. The rate of 5-amino-2-nitrobenzoate liberation is proportional to g-GT activity and can be measured photometrically.

Glucose

The glucose hexokinase method described here, based on the work of Schmidt and Peterson and Young, has long been recognized as the most specific method for the determination of glucose. Hexokinase catalyzes the phosphorylation of glucose by ATP; G-6-P is oxidized to 6-phosphogluconate in the presence of NADP by the enzyme glucose-6-phosphate dehydrogenase. No other carbohydrate is oxidized. The amount of NADPH formed during the reaction is equivalent to the amount of D-glucose in the specimen and can be measured photometrically by the increase in absorbance.

Iron

Fe3+ is separated from transferrin by means of guanidinium chloride in the weakly acidic pH range and

reduced to Fe2+ with ascorbic acid. Fe2+ then forms a colored complex with ferrozine.

Lactate Dehydrogenase (LDH)

The LD reaction proceeds as follows: NAD and lactate are converted in equimolar amounts at the same rate. The rate at which NADH is formed is determined by an increase in absorbance and is directly proportional to enzyme activity.

Phosphorus

Inorganic phosphorus reacts with ammonium molybdate in an acidic solution to form ammonium phosphomolybdate with a formula of (NH4) 3 [PO4 (MoO3)12]. The ammonium phosphomolybdate is quantified in the ultraviolet range (340 nm), utilizing a sample blanked endpoint method.

Sodium, Potassium, and Chloride

An Ion-Selective Electrode (ISE) makes use of the unique properties of certain membrane materials to develop an electrical potential (electromotive force, EMF) for the measurements of ions in solution. The electrode has a selective membrane in contact with both the test solution and an internal filling solution. The internal filling solution contains the test ion at a fixed concentration. Because of the particular nature of the membrane, the test ions will closely associate with the membrane on each side. The membrane EMF is determined by the difference in concentration of the test ion in the test solution and the internal filling solution. The EMF develops according to the Nernst equation for a specific ion in solution: (1) E = Eo + x In

Where: E = electrode EMF E = standard EMF E = constant E = temperature E = charge of the ion E = Faraday's constant E = natural logarithm (base e) E = activity coefficient E = ion concentration in test solution E = ion concentration in internal filling solution

For sodium, potassium, and chloride, which all carry a single charge, R, T, n, and F are combined into a single value referred to as the slope (S). For determinations on the Roche/Hitachi ISE Modules where the sample is diluted 1:31, the ionic strength, and therefore, the activity coefficient are essentially constant. (For the Roche/Hitachi 736 ISE Module the sample is diluted 1:16). The concentration of the test ion in the internal filling solution is also constant. These constants may be combined into the Eo term. The value of Eo is also specific for the type of reference electrode used. Equation (1) can be rewritten to reflect these conditions:

(2) $E = E'o + S \times In$ (Ct) The complete measurement system for a particular ion includes the ISE, a reference electrode, and electronic circuits to measure and process the EMF to give the test ion concentration. The direct-liquid-junction type reference electrode renews the reference electrode solution before and after sample measurement. The electromotive force is then measured to prevent drift. The type of ISE used on the ISE Module is classified as the liquid/liquid junction type. The sodium and potassium electrodes are based on neutral carriers and the chloride electrode is based on an ion exchanger.

Sodium measurements are used in the diagnosis and treatment of aldosteronism (excessive secretion of the hormone aldosterone), diabetes insipidus (chronic excretion of large amounts of dilute urine, accompanied by extreme thirst), adrenal hypertension, Addison's disease (caused by destruction of the adrenal glands), dehydration, inappropriate antidiuretic hormone secretion, or other diseases involving electrolyte imbalance. Potassium measurements are used to monitor electrolyte balance in the diagnosis and treatment of disease conditions characterized by low or high blood potassium levels. Chloride measurements are used in the diagnosis and treatment of electrolyte and metabolic disorders such as cystic fibrosis and diabetic acidosis.

Total Bilirubin

Total bilirubin is coupled with a diazonium salt (DPD) in a strongly acid medium (pH 1 to 2). The intensity

of the color of the azobilirubin produced is proportional to the total bilirubin concentration and can be measured photometrically

Total Protein

Colorimetric assay

- Sample and addition of R1 (blank reagent)
- Addition of R2 (Biuret reagent) and start of the reaction: Divalent copper reacts in alkaline solution with protein peptide bonds to form the characteristic purple-colored Biuret complex. Sodium potassium tartrate prevents the precipitation of copper hydroxide and potassium iodide prevents autoreduction of copper. The color intensity is directly proportional to the protein concentration that can be determined photometrically. Plasma proteins are synthesized predominantly in the liver, plasma cells, lymph nodes, and the spleen and in bone marrow. In the course of disease the total protein concentration and also the percentage represented by individual fractions can significantly deviate from normal values.

Triglycerides

The following method, while based on Wahlefeld's work, uses lipase taken from a microorganism to promote rapid and complete hydrolysis of triglycerides to glycerol with subsequent oxidation to dihydroxyacetone phosphate and hydrogen peroxide. In the presence of peroxidase, the peroxide reacts with 4-aminophenazone and 4-chlorophenol in a Trinder reaction to a colorimetric endpoint.

Uric Acid

Uric acid is oxidized by the specific enzyme uricase to form allantoin and H2O2. The intensity of the red color formed is proportional to the uric acid concentration.

The test described here is the colorimetric method developed by Town, et al. The sample is initially incubated with a reagent mixture containing ascorbate oxidase and a clearing system. In this test system it is important that any ascorbic acid present in the sample is eliminated in the preliminary reaction; this precludes any ascorbic acid interference with the subsequent POD indicator reaction. Upon addition of the starter reagent, oxidation of uric acid by uricase begins.

Follicle Stimulating Hormone and Luteinizing Hormone

IMx Ultrasensitive FSH and LH is a Microparticle Enzyme Immunoassay (MEIA) for the quantitative determination of human hormone in serum or plasma on the IMx analyzer.

Human follicle stimulating hormone (FSH, follitropin) is a glycoprotein of approximately 30,000 daltons which, like luteinizing hormone (LH, lutropin), consists of two noncovalently associated subunits designated alpha and beta. The alpha subunit of FSH contains 92 amino acids. The beta subunit of FSH is unique and confers its immunological and functional specificity.

At menopause ovarian function is diminished, with concomitant decrease in estradiol secretion. FSH and LH then increase significantly in response to diminished feedback inhibition of gonadotropin release.

A detailed description of the laboratory method used can be found at NHANES website.

Survey Staff

The NHANES 1999-2000 laboratory staff consists of medical technologists and phlebotomists. The medical technologists hold baccalaureates in medical technology. The American Society for Clinical Pathologists or a similar organization certifies the medical technologists and the phlebotomists. All laboratory staff completes comprehensive training in standardized laboratory procedures before they begin working in the MEC. The MEC phlebotomists complete comprehensive training in pediatric phlebotomy techniques, including instruction by a pediatric nurse practitioner.

Data Collection Forms

Detailed specimen collection and processing instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM). Each chapter in the LPM specifies the procedure to be used for preparation of the participant, specimen collection, labeling, processing, and preservation, and conditions for specimen transport that are appropriate for that method.

Quality Control Procedures

MEC

Laboratory team performance is monitored using several techniques. NCHS and contract consultants use a structured quality assurance evaluation during unscheduled visits to evaluate both the quality of the laboratory work and the quality-control procedures. Each laboratory staff person is observed for equipment operation, specimen collection and preparation, and testing procedures and constructive feedback is given to each staff. Formal retraining sessions are conducted annually to ensure that required skill levels were maintained.

The NHANES quality control and quality assurance protocols meet the 1988 Clinical Laboratory Improvement Act mandates. Detailed quality control and quality assurance instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM).

Analytical laboratories

NHANES uses several methods to monitor the quality of the analyses performed by the contract laboratories. In the MEC, these methods include performing second examinations on previously examined participants and blind split samples collected on "dry run" sessions. In addition, contract laboratories randomly perform repeat testing on 2.0 percent of all specimens.

NCHS developed and distributed a quality control protocol for all the Contract laboratories outlining the Westgard rules used when running NHANES specimens. Progress reports containing any problems encountered during shipping or receipt of specimens, summary statistics for each control pool, QC graphs, instrument calibration, reagents, and any special considerations are submitted to NCHS and Westat quarterly. The reports are reviewed for trends or shifts in the data. The laboratories are required to explain any identified areas of concern. NCHS/Westat is currently reviewing these reports.

Data Processing and Preparation

Automated data collection procedures for the survey were introduced in NHANES 1999-2000. In the mobile examination centers (MECs) and analytical laboratories, data for the laboratory component is recorded directly onto a computerized data collection form. The system is centrally integrated and it allows for ongoing monitoring of much of the data. While the complete blood count and pregnancy analyses are performed in the MEC laboratory, most analyses are conducted elsewhere by approximately 24 laboratories across the United States.

Guidelines are developed that provided standards for naming variables, filling missing values, and handling missing records. NCHS staff, assisted by contract staff, develops data editing specifications that check data sets for valid codes, ranges, and skip pattern consistencies and examine the consistency of values between interrelated variables. Comments are reviewed and recoded. NCHS staff verifies extremely high and low values whenever possible, and numerous consistency checks are performed. Nonetheless, users should examine the range and frequency of values before analyzing data.

For laboratory tests with a lower detection limit, results below the lower detection limit are replaced with a value equal to the detection limit divided by the square root of two. This value is created to help the user distinguish a nondetectable laboratory test result from a measured laboratory test result.

Analytic Notes

Correction for Serum Creatinine for NHANES 1999-2000 is highly recommended:

Serum creatinine is not standardized in many laboratories. The National Kidney Disease Education Program is attempting to have all laboratories standardize serum creatinine to reference methods (Myers, GL, et al. Recommendations for Improving Serum Creatinine Measurement: A Report from the Laboratory Working Group of the National Kidney Disease Education Program. Clin. Chem. 2006; 5-18). Equations for estimating glomerular filtration rate (GFR) from standardized creatinine have been published (Stevens LA, et al. N Engl J Med. 2006 Jun 8;354(23):2473-83). Serum creatinine assays on 196 stored specimens from NHANES 1999-2000 were used to determine if serum creatinine needed to be adjusted when compared to a method traceable to a "gold" standard reference method. The Cleveland Clinic Foundation (CCF) laboratory analyzed the serum creatinine specimens using a Roche coupled enzymatic assay (creatininase, creatinase, sarcosine oxidase, kits # 1775677 and 1775766) performed on a Roche P Module instrument. The Roche method calibrators were traceable to an isotope dilution mass spectrometric method for serum creatinine using standard references methods (NIST SRM 967) and confirmed by analysis of CAP LN-24 linearity set based on NIST assigned values. Serum creatinine by the Roche method was then compared to the original NHANES 1999-2000 measurements which used the Jaffe kinetic alkaline picrate method performed on a Roche Hitachi 917 analyzer. There were significant differences in results between these two measurements. The comparison of values revealed the mean (SD) serum creatinine at NHANES, CCF, and their difference were 0.838 (0.310), 0.996 (0.314), and 0.158 (0.056) mg/dL, respectively (paired t-test, p<0.0001). The Deming regression (adjusting for errors in measurement) for the correction is Standard Creatinine (Y) = 1.013*NHANES Creatinine (X) + 0.147 (r = 0.984).

LBXSTR:

This value was obtained from the standard battery of biochemical assessments. Use of the laboratory test result from the reference method (LBXTR), rather than the (LBXSTR) value, is generally recommended. For most analyses, the appropriate variable to use is (LBXTR). The value from the biochemistry profile (LBXSTR) should not be used routinely.

LBXSIR:

This value was obtained from the standard battery of biochemical assessments. Use of the laboratory test result from the reference method (LBXIRN), rather than the (LBXSIR) value, is generally recommended. For most analyses of serum iron, the appropriate variable to use will be (LBXIRN). The (LBXSIR) value from the biochemistry profile should not be used routinely.

LBXSCH:

This value was obtained from the standard battery of biochemical assessments. Use of the laboratory test result from the reference method (LBXTC), rather than the (LBXSCH) value, is generally recommended. For most analyses of serum cholesterol, the appropriate variable to use will be (LBXTC). The (LBXSCH) value from the biochemistry profile should not be used routinely

LBXFSH and LBXLH:

These tests are performed only on females aged 35-60 years.

Special Notes about this Dataset

The analysis of NHANES 1999-2000 laboratory data must be conducted with the key survey design and basic demographic variables. The NHANES 1999-2000 Household Questionnaire Data Files contain demographic data, health indicators, and other related information collected during household interviews. They also contain all survey design variables and sample weights for these age groups. The phlebotomy file includes auxiliary information such as the conditions precluding venipuncture. The household questionnaire and phlebotomy files may be linked to the laboratory data file using the unique survey participant identifier SEQN.

References

1. N/A

NHANES 99+ Codebook for Data Collection (1999-2000) June 2002

Lab 18 - Coulston-Biochemistry Profile, Follicle Stimulating Hormone and Luteinizing Hormone Person level data -- use Examination Weights for analysis

| SEQN | Version Info | Target |
|---------------------------------|--------------------------------|--------|
| | Version 1.0 B(12 Yrs 150 Yrs.) | |
| Hard Edits | SAS Label | |
| | Respondent sequence number | |
| English Text: Respondent seque | nce number. | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBXSAL | Version Info | Target |
|---------------------------------|----------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 00.0 - 99.9 | Albumin (g/dL) | |
| English Text: Albumin (g/dL) | | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBDSALSI | Version Info | Target | |
|---------------------------------|---------------|--------------------|--|
| | Version 1.0 | B(12 Yrs 150 Yrs.) | |
| Hard Edits | | SAS Label | |
| 0 - 99 | Albumin (g/L) | | |
| English Text: Albumin (g/L) | | | |
| English Instructions: < blank > | | | |
| Codes: | | | |

| LBXSATSI | Version Info | Target |
|----------|--------------|--------------------|
| LDASA151 | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|--|-----------|
| 00000 - 99999 | ALT (U/L) |
| English Text: Alanine aminotransferase (U/L) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| LBXSASSI | Version Info | Target |
|---------------------------------|--------------------------------|-----------|
| | Version 1.0 B(12 Yrs 150 Yrs.) | |
| Hard Edits | | SAS Label |
| 00000 - 99999 | AST (U/L) | |
| English Text: Alanine aminotran | sferase (U/L) | |
| English Instructions: < blank > | | |
| Codes: | | |

| Version Info | Target |
|--------------------------------|--------------------|
| Version 1.0 B(12 Yrs 150 Yrs.) | |
| SAS Label | |
| Alkaline phosphotase (U/L) | |
| se (U/L) | |
| | |
| | |
| | Version 1.0 Alkal |

| LBXSBU | Version Info | Target |
|-----------------------------------|------------------------------|-----------|
| | Version 1.0 B(12 Yrs 150 Yrs | |
| Hard Edits | | SAS Label |
| 000 - 999 | Blood urea nitrogen (mg/dL) | |
| English Text: Blood urea nitrogen | (mg/dL) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| I DDCDIICI | Version Info | Target |
|------------|--------------|--------------------|
| LBDSBUSI | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|--------------------------------------|------------------------------|
| 000 - 999 | Blood urea nitrogen (mmol/L) |
| English Text: Blood urea nitrogen (m | ımol/L) |
| English Instructions: < blank > | |
| Codes: | |
| | |

| LBXSCA | Version Info | Target |
|----------------------------------|--------------------------------|-----------|
| | Version 1.0 B(12 Yrs 150 Yrs.) | |
| Hard Edits | | SAS Label |
| 00.0 - 99.9 | Calcium, total (mg/dL) | |
| English Text: Calcium, total (mg | /dL) | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBDSCASI | Version Info | Target |
|----------------------------------|-------------------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 0.000 - 99.999 | Calcium, total (mmol/L) | |
| English Text: Calcium, total (mm | ol/L) | |
| English Instructions: < blank > | | |
| Codes: | | |

| LDVCCII | Version Info | Target |
|-------------------------------------|----------------------------|--------------------|
| LBXSCH | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 000 - 999 | Cholesterol, total (mg/dL) | |
| English Text: Cholesterol, total (m | ng/dL) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| LBDSCHSI | Version Info | Target |
|----------|--------------|--------------------|
| LDDSCRSI | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|---|-----------------------------|
| 0.00 - 999.99 | Cholesterol, total (mmol/L) |
| English Text: Cholesterol, total (mmol/L) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| I DVC(201 | Version Info | Target |
|---------------------------------|----------------------|--------------------|
| LBXSC3SI | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 00 - 99 | Bicarbonate (mmol/L) | |
| English Text: Bicarbonate (mmol | /L) | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBXSGTSI | Version Info | Target |
|---------------------------------|------------------|--------------------|
| LDASGISI | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 0000 - 9999 | GGT (U/L) | |
| English Text: Gamma Glutamylt | ransferase (U/L) | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBXSGL | Version Info | Target | |
|---------------------------------|--------------|--------------------|--|
| LDASGL | Version 1.0 | B(12 Yrs 150 Yrs.) | |
| Hard Edits | | SAS Label | |
| 0000 - 9999 | | Glucose (mg/dL) | |
| English Text: Glucose (mg/dL) | | | |
| English Instructions: < blank > | | | |
| Codes: | | | |
| | | | |

| I DDCCI CI | Version Info | Target |
|------------|--------------|--------------------|
| LBDSGLSI | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|---------------------------------|------------------|
| 0.000 - 9999.999 | Glucose (mmol/L) |
| English Text: Glucose (mmol/L) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| I DVCID | Version Info | Target |
|---------------------------------|--------------|--------------------|
| LBXSIR | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 0000 - 9999 | Iron (ug/dL) | |
| English Text: Iron (ug/dL) | | |
| English Instructions: < blank > | | |
| Codes: | | |

| I DDCIDCI | Version Info | Target | |
|---------------------------------|---------------|--------------------|--|
| LBDSIRSI | Version 1.0 | B(12 Yrs 150 Yrs.) | |
| Hard Edits | | SAS Label | |
| 0.00 - 9999.99 | Iron (umol/L) | | |
| English Text: Iron (umol/L) | | | |
| English Instructions: < blank > | | | |
| Codes: | | | |
| | | | |

| B(12 Yrs 150 Yrs.) SAS Label LDH (U/L) |
|--|
| |
| LDH (U/L) |
| |
| |
| |
| |
| |

| LBXSPH | Version Info | Target |
|---------|--------------|--------------------|
| LDASFII | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|----------------------------------|--------------------|
| 00.0 - 99.9 | Phosphorus (mg/dL) |
| English Text: Phosphorus (mg/dL) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| Version Info | Target |
|---------------------|--------------------|
| Version 1.0 | B(12 Yrs 150 Yrs.) |
| | SAS Label |
| Phosphorus (mmol/L) | |
| L) | |
| | |
| | |
| | Version 1.0 |

| LBXSTB | Version Info | Target |
|-------------------------------------|--------------------------|--------------------|
| LDASID | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 00.0 - 99.9 | Bilirubin, total (mg/dL) | |
| English Text: Bilirubin, total (mg/ | dL) | |
| English Instructions: < blank > | | |
| Codes: | | |

| LDDCTDCL | Version Info | Target |
|--------------------------------------|---------------------------|--------------------|
| LBDSTBSI | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 00.0 - 99.9 | Bilirubin, total (umol/L) | |
| English Text: Bilirubin, total (umol | /L) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| LDVCOD | Version Info | Target |
|--------|--------------|--------------------|
| LBXSTP | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|-------------------------------------|-----------------------|
| 00.0 - 99.9 | Protein, total (g/dL) |
| English Text: Protein, total (g/dL) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| I DDGTDGI | Version Info | Target |
|------------------------------------|----------------------|--------------------|
| LBDSTPSI | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 0 - 99 | Protein, total (g/L) | |
| English Text: Protein, total (g/L) | | |
| English Instructions: < blank > | | |
| Codes: | | |

| LDVCTD | Version Info | Target |
|----------------------------------|----------------------|--------------------|
| LBXSTR | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 0000 - 9999 | Triglycerides(mg/dL) | |
| English Text: Triglycerides(mg/d | L) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| I DDC/TDCI | Version Info | Target |
|-----------------------------------|-----------------------|--------------------|
| LBDSTRSI | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 0.000 - 99.999 | Triglycerides(mmol/L) | |
| English Text: Triglycerides(mmol/ | L) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| I DVCIIA | Version Info | Target |
|----------|--------------|--------------------|
| LBXSUA | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|---------------------------------|-------------------|
| 00.0 - 99.9 | Uric acid (mg/dL) |
| English Text: Uric acid (mg/dL) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| I DDCIIACI | Version Info | Target |
|----------------------------------|--------------------|--------------------|
| LBDSUASI | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | | SAS Label |
| 00.0 - 999.9 | Uric acid (umol/L) | |
| English Text: Uric acid (umol/L) | | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBXSCR | Version Info | Target |
|----------------------------------|--------------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | SAS Label | |
| 00.0 - 99.9 | Creatinine (mg/dL) | |
| English Text: Creatinine (mg/dL) | | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBDSCRSI | Version Info | Target |
|----------------------------------|---------------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | SAS Label | |
| 0.0 - 9999.9 | Creatinine (umol/L) | |
| English Text: Creatinine (umol/I | 2) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| I DVCNIA CI | Version Info | Target |
|-------------|--------------|--------------------|
| LBXSNASI | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|---------------------------------|-----------------|
| 000.0 - 999.9 | Sodium (mmol/L) |
| English Text: Sodium (mmol/L) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| LBXSKSI | Version Info | Target |
|---------------------------------|--------------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | SAS Label | |
| 0.00 - 9.99 | Potassium (mmol/L) | |
| English Text: Potassium (mmol/L |) | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBXSCLSI | Version Info | Target |
|---------------------------------|-------------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | SAS Label | |
| 000.0 - 999.9 | Chloride (mmol/L) | |
| English Text: Chloride (mmol/L) | | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| LBXSOSSI | Version Info | Target |
|---------------------------------|----------------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | SAS Label | |
| 000 - 999 | Osmolality (mOsml/L) | |
| English Text: Osmolality (mOsml | /L) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| LDVGCD | Version Info | Target |
|--------|--------------|--------------------|
| LBXSGB | Version 1.0 | B(12 Yrs 150 Yrs.) |

| Hard Edits | SAS Label |
|---------------------------------|-----------------|
| 0.0 - 9.9 | Globulin (g/dL) |
| English Text: Globulin (g/dL) | |
| English Instructions: < blank > | |
| Codes: | |
| | |

| LBDSGBSI | Version Info | Target |
|---------------------------------|----------------|--------------------|
| | Version 1.0 | B(12 Yrs 150 Yrs.) |
| Hard Edits | SAS Label | |
| 0 - 99 | Globulin (g/L) | |
| English Text: Globulin (g/L) | | |
| English Instructions: < blank > | | |
| Codes: | | |

| LBXFSH | Version Info | Target | |
|------------------------------------|---------------------------------------|-------------------|--|
| | Version 1.0 | F(35 Yrs 60 Yrs.) | |
| Hard Edits | | SAS Label | |
| 000.00 - 999.99 | Follicle stimulating hormone (mIU/mL) | | |
| English Text: Follicle stimulating | hormone (mIU/mL) | | |
| English Instructions: < blank > | | | |
| Codes: | | | |

| i phedidi | Version Info | Target |
|------------------------------------|------------------------------------|-------------------|
| LBDFSHSI | Version 1.0 | F(35 Yrs 60 Yrs.) |
| Hard Edits | SAS Label | |
| 000.00 - 999.99 | Follicle stimulating hormone (U/L) | |
| English Text: Follicle stimulating | hormone (U/L) | |
| English Instructions: < blank > | | |
| Codes: | | |
| | | |

| LRXLH | Version Info | Target |
|-------|--------------|-------------------|
| LDALΠ | Version 1.0 | F(35 Yrs 60 Yrs.) |

| Hard Edits | SAS Label | | | | |
|--|-----------|--|--|--|--|
| 000.00 - 999.99 Luteinizing hormone (mIU/mL) | | | | | |
| English Text: Luteinizing hormone (mIU/mL) | | | | | |
| English Instructions: < blank > | | | | | |
| Codes: | | | | | |
| | | | | | |

| i ddi iici | Version Info | Target | |
|----------------------------------|----------------------------|-------------------|--|
| LBDLHSI | Version 1.0 | F(35 Yrs 60 Yrs.) | |
| Hard Edits | | SAS Label | |
| 000.00 - 999.99 | Luteinizing hormone (IU/L) | | |
| English Text: Luteinizing hormor | ne (IU/L) | | |
| English Instructions: < blank > | | | |
| Codes: | | | |

General Information About the NHANES 1999-2000 Laboratory Methodology and Public Data Files

Laboratory Component Description

The NHANES 1999-2000 laboratory data files include findings from analyses of blood, urine, hair, air, tuberculosis skin test, and household dust specimens. Specimens were collected at the mobile examination centers (MECs) or in the home (Home Examination component only). The specific laboratory test target populations are based on the survey participant's gender and age at the time of the Household Interview. Descriptions of the dust, hair, and air monitoring badge components are provided in the documentation that follows. Blood and urine collection methods and exclusion criteria are described in this section.

The NHANES laboratory component tasks include the collection, processing, storage, and shipment of blood, urine, and other biological and environmental specimens to analytic laboratories. Currently, 24 laboratories across the United States analyze NHANES laboratory specimens.

The blood collection procedure consists of administering a questionnaire to screen for conditions that exclude participants from the blood draw. Fasting status is recorded. The urine collection procedure consists of urine specimen collection and processing, and pregnancy testing.

Venipuncture Exclusion Criteria: The following exclusion criteria apply to all tests that require blood specimens:

- Hemophiliacs
- Participants who received chemotherapy within the last 4 weeks
- The presence of rashes, gauze dressings, casts, edema, paralysis, tubes, open sores or wounds, withered arms or limbs missing, damaged, sclerosed or occluded veins, allergies to cleansing reagents, burned or scarred tissue, shunt or intravenous lines on both arms.

Data Collection

Automated data collection procedures were used. In the MECs and analytical laboratories, data for the laboratory component is recorded directly into a computerized database. Survey forms are also automated. The data collection and reporting systems are integrated with the main NHANES survey database. While the complete blood count and pregnancy analyses are performed in the MEC laboratory, most of the laboratory analyses are conducted off-site.

Laboratory Component Staff

The NHANES 1999-2000 laboratory staff consists of medical technologists and phlebotomists. The American Society for Clinical Pathologists or a similar organization certifies the medical technologists and the phlebotomists.

Training

All laboratory staff completed comprehensive training in standardized laboratory procedures before they began working in the MEC. The medical technologists hold baccalaureates in medical technology. The MEC phlebotomists complete comprehensive training in pediatric phlebotomy techniques, including instruction by a pediatric nurse practitioner.

All MEC staff completed required training in safety, subject privacy and confidentiality, and cardio-pulmonary resuscitation (CPR).

Spanish Language Instructions

All NHANES laboratory protocol scripts that were used to describe the laboratory procedures to survey participants were developed and pretested in English and Spanish. Extensive training was completed with MEC staff to ensure the quality and comparability of staff interactions with Spanish-speaking respondents

Data Collection Forms

Detailed specimen collection and processing instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM). Each chapter in the LPM specifies the procedures to be used for collecting, labeling, processing, preserving, and transporting specimens for each method used in the survey.

Quality Control Procedures

Mobile Examination Center (MEC)

Laboratory team performance is monitored using several techniques. NCHS and contract consultants used structured quality assurance evaluations during unscheduled site visits to evaluate the quality of the laboratory work and implementation of the required quality control procedures. Laboratory staff were observed and given feedback with respect to equipment operation, specimen collection and preparation, interaction with survey participants, and implementation of the survey protocol. Formal staff retraining sessions are conducted annually to ensure that required skill levels are maintained.

The NHANES quality control and quality assurance protocols met the 1988 Clinical Laboratory Improvement Act. Detailed quality control and quality assurance instructions are discussed in the NHANES LPM.

Laboratory Quality Control

As part of the overall quality assurance process for the survey, all collection materials, vacutainer tubes, and storage containers used for trace elements assays were initially prescreened by the CDC/NCEH, Environmental Health Laboratory Sciences Laboratory for background contamination levels of lead, cadmium, total and speciated mercury. Lead, cadmium, and total and speciated mercury are fairly ubiquitous contaminants; and blood may be collected in redtop tubes after the acceptability of the test tubes has been confirmed. Special lead-free tubes are not required. Ordinary EDTA tubes may similarly be used after prescreening has confirmed no contamination.

Monitoring Analytical Laboratories

NCHS uses several methods to monitor the quality of the analyses performed by the NHANES contract laboratories. In the MEC, these methods include performing second examinations on previously examined participants and "blind" split samples collected during practice ("dry run") sessions. In addition, contract laboratories randomly perform repeat testing on two percent of all specimens.

NCHS developed and distributed a quality control (QC) protocol to each NHANES contract laboratory. The Westgard rules to be used when running NHANES specimens are included in the protocols. Progress reports prepared by the contract laboratories document problems encountered during shipping or receipt of specimens; summary statistics for each control pool, QC graphs, instrument calibration, reagents, and any special considerations are submitted to NCHS and Westat quarterly. The reports are reviewed for trends or shifts in the data. The laboratories are required to explain any identified areas of concern. NCHS and Westat review the progress reports.

Data Processing and Preparation

The NHANES data processing guidelines provide NCHS and contractor staff with standards for naming variables, filling missing values, and handling missing records. NCHS staff, assisted by contract staff, developed data editing specifications that check data sets for valid codes, ranges, and skip pattern consistencies and examine the consistency of values between interrelated variables. Comments are reviewed and recoded. NCHS staff verified extremely high and low values. Numerous consistency checks were performed during data preparation. Nevertheless, data users should examine variable ranges and frequencies and other descriptive statistics before analyzing the data.

Low Detection Limits

For laboratory tests with a lower detection limit, results below the lower detection limit are replaced with a value equal to the detection limit divided by the square root of two. This value is created to help the user distinguish a nondetectable laboratory test result from a measured laboratory test result.

Data Editing

The NCHS data editing specifications for this dataset included the following:

- Age and gender checks for each assay
- Total number of observations complete for each field
- No field overlap, truncated values, or unusual results
- Direct data entry (DDE) errors
- Abnormal results confirmed by lab
- Test algorithm performed
- Checked comment codes to resolve missing results and missing records
- Check for all missing results and missing MEC-examined records
- Duplicate records are verified and deleted
- Apply the SI conversion of units when appropriate
- Apply the below detection limit formula

Special Notes for the Laboratory Data

The analysis of NHANES 1999-2000 phlebotomy data must be conducted using the appropriate survey design and demographic variables. The NHANES 1999-2000 Household Questionnaire Data Files contain demographic data, health indicators, and other related information collected during household interviews. The questionnaire files also contain the survey design variables and sample weight variables. The Phlebotomy File includes auxiliary information such as fasting status, the time venipuncture, and the conditions precluding venipuncture. The household questionnaire and phlebotomy files may be linked to the laboratory data file using the unique survey participant identifier SEQN.

NHANES 1999-2000 Lab Data Items May 2008

Note: Two versions of the complete list of variables are presented as Table A and Table B, respectively, in this document.

Variables in **Table A** are sorted by "File name" and variable position in the data.

Variables in **Table B** are sorted alphabetically by "Label".

Table A: List of variables sorted by "File name" and variable position in the data.

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|------------------------------------|-------------|------------------------------------|
| 1 | l02hbs | Respondent sequence number | SEQN | Respondent sequence number |
| 2 | I02hbs | Hepatitis B Surface Antibody | LBXHBS | Hepatitis B Surface Antibody |
| 3 | lab02 | Respondent sequence number | SEQN | Respondent sequence number |
| 4 | lab02 | Hepatitis B core antibody | LBXHBC | Hepatitis B core antibody |
| 5 | lab02 | Hepatitis B surface antigen | LBDHBG | Hepatitis B surface antigen |
| 6 | lab02 | Hepatitis C antibody confirmed | LBDHCV | Hepatitis C antibody |
| 7 | lab02 | Hepatitis D (anti-HDV) | LBDHD | Hepatitis D (anti-HDV) |
| 8 | lab02hpa | Respondent sequence number | SEQN | Respondent sequence number |
| 9 | lab02hpa | Hepatitis A Antibody (Anti-HAV) | LBXHA | Hepatitis A Antibody (Anti-HAV) |
| 10 | lab03 | Respondent sequence number | SEQN | Respondent sequence number |
| 11 | lab03 | HIV antibody western blot positive | LBDHI | HIV antibody test result |
| 12 | lab03 | CD4 counts (cells/mm3) | LBXCD4 | CD4 counts (cells/mm3) |
| 13 | lab03 | CD8 counts (cells/mm3) | LBXCD8 | CD8 counts (cells/mm3) |
| 14 | lab04 | Respondent sequence number | SEQN | Respondent sequence number |
| 15 | lab04 | VOC subsample 2 yr MEC Weight | WTSVOC2Y | VOC subsample 2 yr MEC Weight |
| 16 | lab04 | VOC subsample 4 yr MEC Weight | WTSVOC4Y | VOC subsample 4 yr MEC Weight |
| 17 | lab04 | Water Bromoform (ng/ml) | LBXWBF | Water Bromoform (ng/ml) |
| 18 | lab04 | Water Chloroform (ng/ml) | LBXWCF | Water Chloroform (ng/ml) |
| 19 | lab04 | Water Bromodichloromethane (ng/ml) | LBXWBM | Water Bromodichloromethane (ng/ml) |
| 20 | lab04 | Water Dibromochloromethane (ng/ml) | LBXWCM | Water Dibromochloromethane (ng/ml) |
| 21 | lab04 | Water MTBE (ng/ml) | LBXWME | Water MTBE (ng/ml) |
| 22 | lab04 | Blood Tetrachloroethene (ng/ml) | LBXV4C | Blood Tetrachloroethene (ng/ml) |
| 23 | lab04 | Blood Bromoform (pg/ml) | LBXVBF | Blood Bromoform (pg/ml) |
| 24 | lab04 | Blood Bromodichloromethane (pg/ml) | LBXVBM | Blood Bromodichloromethane (pg/ml) |
| 25 | lab04 | Blood Benzene (ng/ml) | LBXVBZ | Blood Benzene (ng/ml) |
| 26 | lab04 | Blood Chloroform (pg/ml) | LBXVCF | Blood Chloroform (pg/ml) |
| 27 | lab04 | Blood Dibromochloromethane (pg/ml) | LBXVCM | Blood Dibromochloromethane (pg/ml) |
| 28 | lab04 | Blood Carbon Tetrachloride (ng/ml) | LBXVCT | Blood Carbon Tetrachloride (ng/ml) |
| 29 | lab04 | Blood 1,4-Dichlorobenzene (ng/ml) | LBXVDB | Blood 1,4-Dichlorobenzene (ng/ml) |
| 30 | lab04 | Blood Ethylbenzene (ng/ml) | LBXVEB | Blood Ethylbenzene (ng/ml) |
| 31 | lab04 | Blood MTBE (pg/ml) | LBXVME | Blood MTBE (pg/ml) |
| 32 | lab04 | Blood o-Xylene (ng/ml) | LBXVOX | Blood o-Xylene (ng/ml) |
| 33 | lab04 | Blood Styrene (ng/ml) | LBXVST | Blood Styrene (ng/ml) |

| Item # | File name | Component | Variable ID | Label |
|----------|-----------|--|-------------|--|
| 34 | lab04 | Blood Trichloroethene (ng/ml) | LBXVTC | Blood Trichloroethene (ng/ml) |
| 35 | lab04 | Blood 1,1,1-Trichloroethene (ng/ml) | LBXV3A | Blood 1,1,1-Trichloroethene (ng/ml) |
| 36 | lab04 | Blood Toluene (ng/ml) | LBXVTO | Blood Toluene (ng/ml) |
| 37 | lab04 | Blood m-/p-Xylene (ng/ml) | LBXVXY | Blood m-/p-Xylene (ng/ml) |
| 38 | lab04 | Water Bromoform Comment Code | LBDWBFLC | Water Bromoform Comment Code |
| 39 | lab04 | Water Chloroform Comment Code | LBDWCFLC | Water Chloroform Comment Code |
| 40 | lab04 | Water Bromodichloromethane Comment Code | LBDWBMLC | Water Bromodichloromethane Comment Code |
| 41 | lab04 | Water Dibromochloromethane Comment Code | LBDWCMLC | Water Dibromochloromethane Comment Code |
| 42 | lab04 | Water MTBE Comment Code | LBDWMELC | Water MTBE Comment Code |
| 43 | lab04 | Blood Tetrachloroethene Comment Code | LBDV4CLC | Blood Tetrachloroethene Comment Code |
| 44 | lab04 | Blood Bromoform Comment Code | LBDVBFLC | Blood Bromoform Comment Code |
| 45 | lab04 | Blood Bromodichloromethane Comment Code | LBDVBMLC | Blood Bromodichloromethane Comment Code |
| 46 | lab04 | Blood Benzene Comment Code | LBDVBZLC | Blood Benzene Comment Code |
| 47 | lab04 | Blood Chloroform Comment Code | LBDVCFLC | Blood Chloroform Comment Code |
| 48 | lab04 | Blood Dibromochloromethane Comment Code | LBDVCMLC | Blood Dibromochloromethane Comment Code |
| 49 | lab04 | Blood Carbon Tetrachloride Comment Code | LBDVCTLC | Blood Carbon Tetrachloride Comment Code |
| 50 | lab04 | Blood 1,4-Dichlorobenzene Comment Code | LBDVDBLC | Blood 1,4-Dichlorobenzene Comment Code |
| 51 | lab04 | Blood Ethylbenzene Comment Code | LBDVEBLC | Blood Ethylbenzene Comment Code |
| 52 | lab04 | Blood MTBE Comment Code | LBDVMELC | Blood MTBE Comment Code |
| 53 | lab04 | Blood o-Xylene Comment Code | LBDVOXLC | Blood o-Xylene Comment Code |
| 54 | lab04 | Blood Styrene Comment Code | LBDVSTLC | Blood Styrene Comment Code |
| 55 | lab04 | Blood Trichloroethene Comment Code | LBDVTCLC | Blood Trichloroethene Comment Code |
| 56 | lab04 | Blood 1.1.1-Trichloroethene Comment Code | LBDV3ALC | Blood 1,1,1-Trichloroethene Comment Code |
| 57 | lab04 | Blood Toluene Comment Code | LBDVTOLC | Blood Toluene Comment Code |
| 58 | lab04 | Blood m-/p-Xylene Comment Code | LBDVXYLC | Blood m-/p-Xylene Comment Code |
| 59 | lab05 | Respondent sequence number | SEQN | Respondent sequence number |
| 60 | lab05 | Gonorrhea, urine | URXUGC | Gonorrhea, urine |
| 61 | lab05 | Chlamydia, urine | URXUCL | Chlamydia, urine |
| 62 | lab06 | Respondent sequence number | SEQN | Respondent sequence number |
| 63 | lab06 | Lead, Blood | LBXBPB | Lead (ug/dL) |
| 64 | lab06 | Lead, Blood | LBDBPBSI | Lead (umol/L) |
| 65 | lab06 | Cadmium, Blood | LBXBCD | Cadmium (ug/L) |
| 66 | lab06 | Cadmium, Blood | LBDBCDSI | Cadmium (umol/L) |
| 67 | lab06 | Protoporphyrin | LBXEPP | Protoporphyrin (ug/dL RBC) |
| 68 | lab06 | Protoporphyrin | LBDEPPSI | Protoporphyrin (umol/L RBC) |
| 69 | lab06 | Iron | LBXIRN | Iron (ug/dL) |
| 70 | lab06 | Iron | LBDIRNSI | Iron (umol/L) |
| 71 | lab06 | TIBC | LBXTIB | TIBC (ug/dL) |
| 72 | lab06 | TIBC | LBDTIBSI | TIBC (ug/dL) |
| 73 | lab06 | Transferrin saturation | LBXPCT | Transferrin saturation (%) |
| 74 | lab06 | Ferritin | LBXFER | Ferritin (ng/mL) |
| 75 | lab06 | Ferritin | LBDFERSI | Ferritin (ug/L) |
| 75 76 | lab06 | Folate, serum | LBXFOL | Folate, serum (ng/mL) |
| 70 77 | lab06 | Folate, serum | LBDFOLSI | Folate, serum (ng/mb/) |
| 77 78 | lab06 | Vitamin B12, serum | LBXB12 | Vitamin B12, serum (pg/mL) |
| 76 79 | lab06 | Vitamin B12, serum | LBDB12SI | Vitamin B12, serum (pmol/L) |
| 19 | Iabuu | vitaliili D12, Selulli | LDDB 1231 | vitaliili b12, Selulli (pillol/L) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 80 | lab06 | Homocysteine | LBXHCY | Homocysteine (umol/L) |
| 81 | lab06 | Methylmalonic acid | LBXMMA | Methylmalonic acid (umol/L) |
| 82 | lab06 | Mercury, total, Blood | LBXTHG | Mercury, total (ug/L) |
| 83 | lab06 | Mercury, total, Blood | LBDTHGSI | Mercury, total (umol/L) |
| 84 | lab06 | Mercury, Inorganic, Blood | LBXIHG | Mercury, Inorganic (ug/L) |
| 85 | lab06 | Mercury, Inorganic, Blood | LBDIHGSI | Mercury, Inorganic (umol/L) |
| 86 | lab06 | Folate, Red Blood Cell | LBXRBF | Folate, RBC (ng/mL RBC) |
| 87 | lab06 | Folate, Red Blood Cell | LBDRBFSI | Folate, RBC (nmol/L RBC) |
| 88 | lab06 | Cotinine | LBXCOT | Cotinine (ng/mL) |
| 89 | lab06 | Cotinine | LBDCOTSI | Cotinine (nmol/L) |
| 90 | lab06 | Selenium | LBXSEL | Selenium (ng/mL) |
| 91 | lab06 | Selenium | LBDSELSI | Selenium (nmol/L) |
| 92 | lab06 | Gamma tocopherol | LBXGTC | Gamma tocopherol (ug/dL) |
| 93 | lab06 | Gamma tocopherol | LBDGTCSI | Gamma tocopherol (umol/L) |
| 94 | lab06 | Retinyl palmitate | LBXRPL | Retinyl palmitate (ug/dL) |
| 95 | lab06 | Retinyl palmitate | LBDRPLSI | Retinyl palmitate (umol/L) |
| 96 | lab06 | Retinyl stearate | LBXRST | Retinyl stearate (ug/dL) |
| 97 | lab06 | Retinyl stearate | LBDRSTSI | Retinyl stearate(umol/L) |
| 98 | lab06 | Vitamin A | LBXVIA | Vitamin A (ug/dL) |
| 99 | lab06 | Vitamin A | LBDVIASI | Vitamin A (umol/L) |
| 100 | lab06 | Vitamin E | LBXVIE | Vitamin E (ug/dL) |
| 101 | lab06 | Vitamin E | LBDVIESI | Vitamin E (umol/L) |
| 102 | lab06 | Mercury, urine | URXUHG | Mercury, urine (ng/mL) |
| 103 | lab06hm | Respondent sequence number | SEQN | Respondent sequence number |
| 104 | lab06hm | Heavy Metal Subsample 2 year Mec Weight | WTSHM2YR | Heavy Metal Subsample 2 year Mec Weight |
| 105 | lab06hm | 4 Year Weights Lab06HM 1999-2002 | WTSHM4YR | 4 Year Weights Lab06HM 1999-2002 |
| 106 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 01 | WTSHM01 | Heavy Metal Mec Weight Jack Knife Rep 01 |
| 107 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 02 | WTSHM02 | Heavy Metal Mec Weight Jack Knife Rep 02 |
| 108 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 03 | WTSHM03 | Heavy Metal Mec Weight Jack Knife Rep 03 |
| 109 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 04 | WTSHM04 | Heavy Metal Mec Weight Jack Knife Rep 04 |
| 110 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 05 | WTSHM05 | Heavy Metal Mec Weight Jack Knife Rep 05 |
| 111 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 06 | WTSHM06 | Heavy Metal Mec Weight Jack Knife Rep 06 |
| 112 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 07 | WTSHM07 | Heavy Metal Mec Weight Jack Knife Rep 07 |
| 113 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 08 | WTSHM08 | Heavy Metal Mec Weight Jack Knife Rep 08 |
| 114 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 09 | WTSHM09 | Heavy Metal Mec Weight Jack Knife Rep 09 |
| 115 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 10 | WTSHM10 | Heavy Metal Mec Weight Jack Knife Rep 10 |
| 116 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 11 | WTSHM11 | Heavy Metal Mec Weight Jack Knife Rep 11 |
| 117 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 12 | WTSHM12 | Heavy Metal Mec Weight Jack Knife Rep 12 |
| 118 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 13 | WTSHM13 | Heavy Metal Mec Weight Jack Knife Rep 13 |
| 119 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 14 | WTSHM14 | Heavy Metal Mec Weight Jack Knife Rep 14 |
| 120 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 15 | WTSHM15 | Heavy Metal Mec Weight Jack Knife Rep 15 |
| 121 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 16 | WTSHM16 | Heavy Metal Mec Weight Jack Knife Rep 16 |
| 122 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 17 | WTSHM17 | Heavy Metal Mec Weight Jack Knife Rep 17 |
| 123 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 18 | WTSHM18 | Heavy Metal Mec Weight Jack Knife Rep 18 |
| 124 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 19 | WTSHM19 | Heavy Metal Mec Weight Jack Knife Rep 19 |
| 125 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 20 | WTSHM20 | Heavy Metal Mec Weight Jack Knife Rep 20 |
| | | | | |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 126 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 21 | WTSHM21 | Heavy Metal Mec Weight Jack Knife Rep 21 |
| 127 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 22 | WTSHM22 | Heavy Metal Mec Weight Jack Knife Rep 22 |
| 128 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 23 | WTSHM23 | Heavy Metal Mec Weight Jack Knife Rep 23 |
| 129 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 24 | WTSHM24 | Heavy Metal Mec Weight Jack Knife Rep 24 |
| 130 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 25 | WTSHM25 | Heavy Metal Mec Weight Jack Knife Rep 25 |
| 131 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 26 | WTSHM26 | Heavy Metal Mec Weight Jack Knife Rep 26 |
| 132 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 27 | WTSHM27 | Heavy Metal Mec Weight Jack Knife Rep 27 |
| 133 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 28 | WTSHM28 | Heavy Metal Mec Weight Jack Knife Rep 28 |
| 134 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 29 | WTSHM29 | Heavy Metal Mec Weight Jack Knife Rep 29 |
| 135 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 30 | WTSHM30 | Heavy Metal Mec Weight Jack Knife Rep 30 |
| 136 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 31 | WTSHM31 | Heavy Metal Mec Weight Jack Knife Rep 31 |
| 137 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 32 | WTSHM32 | Heavy Metal Mec Weight Jack Knife Rep 32 |
| 138 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 33 | WTSHM33 | Heavy Metal Mec Weight Jack Knife Rep 33 |
| 139 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 34 | WTSHM34 | Heavy Metal Mec Weight Jack Knife Rep 34 |
| 140 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 35 | WTSHM35 | Heavy Metal Mec Weight Jack Knife Rep 35 |
| 141 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 36 | WTSHM36 | Heavy Metal Mec Weight Jack Knife Rep 36 |
| 142 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 37 | WTSHM37 | Heavy Metal Mec Weight Jack Knife Rep 37 |
| 143 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 38 | WTSHM38 | Heavy Metal Mec Weight Jack Knife Rep 38 |
| 144 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 39 | WTSHM39 | Heavy Metal Mec Weight Jack Knife Rep 39 |
| 145 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 40 | WTSHM40 | Heavy Metal Mec Weight Jack Knife Rep 40 |
| 146 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 41 | WTSHM41 | Heavy Metal Mec Weight Jack Knife Rep 41 |
| 147 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 42 | WTSHM42 | Heavy Metal Mec Weight Jack Knife Rep 42 |
| 148 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 43 | WTSHM43 | Heavy Metal Mec Weight Jack Knife Rep 43 |
| 149 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 44 | WTSHM44 | Heavy Metal Mec Weight Jack Knife Rep 44 |
| 150 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 45 | WTSHM45 | Heavy Metal Mec Weight Jack Knife Rep 45 |
| 151 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 46 | WTSHM46 | Heavy Metal Mec Weight Jack Knife Rep 46 |
| 152 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 47 | WTSHM47 | Heavy Metal Mec Weight Jack Knife Rep 47 |
| 153 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 48 | WTSHM48 | Heavy Metal Mec Weight Jack Knife Rep 48 |
| 154 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 49 | WTSHM49 | Heavy Metal Mec Weight Jack Knife Rep 49 |
| 155 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 50 | WTSHM50 | Heavy Metal Mec Weight Jack Knife Rep 50 |
| 156 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 51 | WTSHM51 | Heavy Metal Mec Weight Jack Knife Rep 51 |
| 157 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 52 | WTSHM52 | Heavy Metal Mec Weight Jack Knife Rep 52 |
| 158 | lab06hm | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| 159 | lab06hm | Barium, urine | URXUBA | Barium, urine (ng/mL) |
| 160 | lab06hm | Beryllium, urine | URXUBE | Beryllium, urine (ng/mL) |
| 161 | lab06hm | Cadmium, urine | URDUCD | Cadmium, urine (ng/mL) |
| 162 | lab06hm | Urinary cadmium comment code | URDUCDLC | Urinary cadmium comment code |
| 163 | lab06hm | Cobalt, urine | URXUCO | Cobalt, urine (ng/mL) |
| 164 | lab06hm | Cesium, urine | URXUCS | Cesium, urine (ng/mL) |
| 165 | lab06hm | Molybdenum, urine | URXUMO | Molybdenum, urine (ng/mL) |
| 166 | lab06hm | Lead, urine | URXUPB | Lead, urine (ng/mL) |
| 167 | lab06hm | Platinum, urine | URXUPT | Platinum, urine (ng/mL) |
| 168 | lab06hm | Antimony, urine | URXUSB | Antimony, urine (ng/mL) |
| 169 | lab06hm | Thallium, urine | URXUTL | Thallium, urine (ng/mL) |
| 170 | lab06hm | Tungsten, urine | URXUTU | Tungsten, urine (ng/mL) |
| 171 | lab07 | Respondent sequence number | SEQN | Respondent sequence number |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--------------------------------------|-------------|--------------------------------------|
| 172 | lab07 | Latex | LBXLA | Latex (IU/mL) |
| 173 | lab07 | Latex class | LBXLACL | Latex class |
| 174 | lab09 | Respondent sequence number | SEQN | Respondent sequence number |
| 175 | lab09 | Herpes I | LBXHE1 | Herpes I |
| 176 | lab09 | Herpes II | LBXHE2 | Herpes II |
| 177 | lab10 | Respondent sequence number | SEQN | Respondent sequence number |
| 178 | lab10 | Glycohemoglobin | LBXGH | Glycohemoglobin (%) |
| 179 | lab10am | Respondent sequence number | SEQN | Respondent sequence number |
| 180 | lab10am | Fasting Subsample 2 Year Mec Weight | WTSFA2YR | Fasting Subsample 2 Year Mec Weight |
| 181 | lab10am | Fasting Subsample 4 Year Mec Weight | WTSFA4YR | Fasting Subsample 4 Year Mec Weight |
| 182 | lab10am | Glucose, plasma | LBXGLU | Glucose, plasma (mg/dL) |
| 183 | lab10am | Plasma glucose | LBXGLUSI | Plasma glucose: SI(mmol/L) |
| 184 | lab10am | C-peptide | LBXCPSI | C-peptide: SI(nmol/L) |
| 185 | lab10am | Insulin | LBXIN | Insulin (uU/mL) |
| 186 | lab10am | Insulin | LBXINSI | Insulin: SI(pmol/L) |
| 187 | lab11 | Respondent sequence number | SEQN | Respondent sequence number |
| 188 | lab11 | C-reactive protein | LBXCRP | C-reactive protein(mg/dL) |
| 189 | lab11 | Helicobacter pylori | LBXHP1 | Helicobacter pylori (ISR) |
| 190 | lab11 | Fibrinogen | LBXFB | Fibrinogen (mg/dL) |
| 191 | lab11 | Fibrinogen | LBDFBSI | Fibrinogen (g/L) |
| 192 | lab11 | Bone alkaline phosphotase | LBXBAP | Bone alkaline phosphotase (ug/L) |
| 193 | lab11 | N-telopeptides | URXNT | N-telopeptides (NTx) (nmol BCE) |
| 194 | lab13 | Respondent sequence number | SEQN | Respondent sequence number |
| 195 | lab13 | Total cholesterol | LBXTC | Total cholesterol (mg/dL) |
| 196 | lab13 | Total cholesterol | LBDTCSI | Total cholesterol (mmol/L) |
| 197 | lab13 | HDL-cholesterol | LBDHDL | HDL-cholesterol (mg/dL) |
| 198 | lab13 | HDL-cholesterol | LBDHDLSI | HDL-cholesterol (mmol/L) |
| 199 | lab13am | Respondent sequence number | SEQN | Respondent sequence number |
| 200 | lab13am | 2Yr AM(3-11) & fasting (12+) weights | WTSAF2YR | 2Yr AM(3-11) & fasting (12+) weights |
| 201 | lab13am | 4Yr AM(3-11) & fasting (12+) weights | WTSAF4YR | 4Yr AM(3-11) & fasting (12+) weights |
| 202 | lab13am | Triglyceride | LBXTR | Triglyceride (mg/dL) |
| 203 | lab13am | Triglyceride | LBDTRSI | Triglyceride (mmol/L) |
| 204 | lab13am | LDL-cholesterol | LBDLDL | LDL-cholesterol (mg/dL) |
| 205 | lab13am | LDL-cholesterol | LBDLDLSI | LDL-cholesterol (mmol/L) |
| 206 | lab16 | Respondent sequence number | SEQN | Respondent sequence number |
| 207 | lab16 | Albumin, urine | URXUMA | Albumin, urine (ug/mL) |
| 208 | lab16 | Albumin, urine | URXUMASI | Albumin, urine (mg/L) SI |
| 209 | lab16 | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| 210 | lab16 | Creatinine, urine | URXUCRSI | Creatinine, urine (umol/L) |
| 211 | lab17 | Respondent sequence number | SEQN | Respondent sequence number |
| 212 | lab17 | Cryptosporidium | LBDC1 | Cryptosporidium (17kDA) |
| 213 | lab17 | Cryptosporidium | LBDC2 | Cryptosporidium (27kDA) |
| 214 | lab17 | Toxoplasma | LBXTO1 | Toxoplasma (IgG) |
| 215 | lab17 | Toxoplasma | LBXTO2 | Toxoplasma (IgM) |
| 216 | lab17 | Toxoplasma (Dye) | LBXTO3 | Toxoplasma (Dye) |
| 217 | lab17 | Toxoplasma (Avidity) IgG | LBXTO5 | Toxoplasma (Avidity) IgG |
| | | | | |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|---|-------------|---|
| 218 | lab17 | Toxoplasma Differential Agglutination | LBXTO4 | Toxoplasma Differential Agglutination |
| 219 | lab17 | Toxoplasma Agglutin interpretation | LBXTO4IN | Toxoplasma Agglutin interpretation |
| 220 | lab17 | Toxoplasma (Avidity IgG) interpretation | LBXTO5IN | Toxoplasma (Avidity IgG) interpretation |
| 221 | lab18 | Respondent sequence number | SEQN | Respondent sequence number |
| 222 | lab18 | Albumin | LBXSAL | Albumin (g/dL) |
| 223 | lab18 | Albumin | LBDSALSI | Albumin (g/L) |
| 224 | lab18 | ALT | LBXSATSI | ALT (U/L) |
| 225 | lab18 | AST | LBXSASSI | AST (U/L) |
| 226 | lab18 | Alkaline phosphotase | LBXSAPSI | Alkaline phosphotase (U/L) |
| 227 | lab18 | Blood urea nitrogen | LBXSBU | Blood urea nitrogen (mg/dL) |
| 228 | lab18 | Blood urea nitrogen | LBDSBUSI | Blood urea nitrogen (mmol/L) |
| 229 | lab18 | Total Calcium | LBXSCA | Calcium, total (mg/dL) |
| 230 | lab18 | Total Calcium | LBDSCASI | Calcium, total (mmol/L) |
| 231 | lab18 | Total Cholesterol | LBXSCH | Cholesterol, total (mg/dL) |
| 232 | lab18 | Total Cholesterol | LBDSCHSI | Cholesterol, total (mmol/L) |
| 233 | lab18 | Bicarbonate | LBXSC3SI | Bicarbonate (mmol/L) |
| 234 | lab18 | GGT | LBXSGTSI | GGT (U/L) |
| 235 | lab18 | Glucose, serum | LBXSGL | Glucose (mg/dL) |
| 236 | lab18 | Glucose, serum | LBDSGLSI | Glucose (mmol/L) |
| 237 | lab18 | Iron, serum | LBXSIR | Iron (ug/dL) |
| 238 | lab18 | Iron | LBDSIRSI | Iron (umol/L) |
| 239 | lab18 | LDH | LBXSLDSI | LDH (U/L) |
| 240 | lab18 | Phosphorus | LBXSPH | Phosphorus (mg/dL) |
| 241 | lab18 | Phosphorus | LBDSPHSI | Phosphorus (mmol/L) |
| 242 | lab18 | Bilirubin, total | LBXSTB | Bilirubin, total (mg/dL) |
| 243 | lab18 | Bilirubin, total | LBDSTBSI | Bilirubin, total (umol/L) |
| 244 | lab18 | Protein, total | LBXSTP | Protein, total (g/dL) |
| 245 | lab18 | Protein, total | LBDSTPSI | Protein, total (g/L) |
| 246 | lab18 | Triglycerides | LBXSTR | Triglycerides (mg/dL) |
| 247 | lab18 | Triglycerides | LBDSTRSI | Triglycerides (mmol/L) |
| 248 | lab18 | Uric acid | LBXSUA | Uric acid (mg/dL) |
| 249 | lab18 | Uric acid | LBDSUASI | Uric acid (umol/L) |
| 250 | lab18 | Creatinine, serum | LBXSCR | Creatinine (mg/dL) |
| 251 | lab18 | Creatinine, serum | LBDSCRSI | Creatinine (umol/L) |
| 252 | lab18 | Sodium | LBXSNASI | Sodium (mmol/L) |
| 253 | lab18 | Potassium | LBXSKSI | Potassium (mmol/L) |
| 254 | lab18 | Chloride | LBXSCLSI | Chloride (mmol/L) |
| 255 | lab18 | Osmolality | LBXSOSSI | Osmolality (mOsml/L) |
| 256 | lab18 | Globulin | LBXSGB | Globulin (g/dL) |
| 257 | lab18 | Globulin | LBDSGBSI | Globulin (g/L) |
| 258 | lab18 | Follicle stimulating hormone | LBXFSH | Follicle stimulating hormone (mIU/mL) |
| 259 | lab18 | Follicle stimulating hormone | LBDFSHSI | Follicle stimulating hormone (IU/L) |
| 260 | lab18 | Luteinizing hormone | LBXLH | Luteinizing hormone (mIU/mL) |
| 261 | lab18 | Luteinizing hormone | LBDLHSI | Luteinizing hormone (IU/L) |
| 262 | lab18t4 | Respondent sequence number | SEQN | Respondent sequence number |
| 263 | lab18t4 | Thyroid hormones Subsample 2 yr Mec Wgt | WTSTH2YR | Thyroid hormones Subsample 2 yr Mec Wgt |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|---|-------------|---|
| 264 | lab18t4 | Thyroid hormones Subsample 4 yr Mec Wgt | WTSTH4YR | Thyroid hormones Subsample 4 yr Mec Wgt |
| 265 | lab18t4 | Thyroxine (T4) (ug/dL) | LBXT4 | Thyroxine (T4) (ug/dL) |
| 266 | lab18t4 | Thyroxine (T4) (nmol/L) | LBDT4SI | Thyroxine (T4) (nmol/L) |
| 267 | lab18t4 | Thyroid stim hormone (TSH) (IU/L) | LBXTSH | Thyroid stim hormone (TSH) (IU/L) |
| 268 | lab19 | Respondent sequence number | SEQN | Respondent sequence number |
| 269 | lab19 | Measles | LBXME | Measles |
| 270 | lab19 | Rubella | LBDRUIU | Rubella International Units |
| 271 | lab19 | Varicella | LBXVAR | Varicella |
| 272 | lab20 | Respondent sequence number | SEQN | Respondent sequence number |
| 273 | lab20 | Index child for sampling | DCDINDEX | Index child for sampling |
| 274 | lab20 | Dust sample status | DCDSTAT | Dust sample status |
| 275 | lab20 | Room where samples taken | DCD030 | Room where samples taken |
| 276 | lab20 | Room selected was floor carpeted | DCD070A | Room selected was floor carpeted |
| 277 | lab20 | Room selected had floor mat | DCQ070B | Room selected had floor mat |
| 278 | lab20 | Room selected had area rug | DCQ070C | Room selected had area rug |
| 279 | lab20 | Room selected had wall-wall carpeting | DCQ070D | Room selected had wall-wall carpeting |
| 280 | lab20 | Carpet pile depth | DCQ090 | Carpet pile depth |
| 281 | lab20 | Surface condition for floor dust sample | DCQ160 | Surface condition for floor dust sample |
| 282 | lab20 | Window sill finished | DCQ240 | Window sill finished |
| 283 | lab20 | Surface condition for sill dust sample | DCQ250 | Surface condition for sill dust sample |
| 284 | lab20 | Room cleanliness | DCQ400 | Room cleanliness |
| 285 | lab20 | Room clutter | DCQ410 | Room clutter |
| 286 | lab20 | Floor, GFAAS (ug/sq.ft.) | LBXDFS | Floor, GFAAS (ug/sq.ft.) |
| 287 | lab20 | Floor, FAAS (ug/sq. ft.) | LBXDFSF | Floor, FAAS (ug/sq. ft.) |
| 288 | lab20 | Window, FAAS (ug/sq. ft.) | LBDDWS | Window, FAAS (ug/sq. ft.) |
| 289 | lab20 | Lead dust floor (GFAAS) comment code | LBDDFSLC | Lead dust floor (GFAAS) comment code |
| 290 | lab20 | Lead dust floor (FAAS) comment code | LBDD3LC | Lead dust floor (FAAS) comment code |
| 291 | lab20 | Lead dust window sill comment code | LBDDWSLC | Lead dust window sill comment code |
| 292 | lab21 | Respondent sequence number | SEQN | Respondent sequence number |
| 293 | lab21 | VOC subsample 2 yr MEC Weight | WTSVOC2Y | VOC subsample 2 yr MEC Weight |
| 294 | lab21 | Benzene (ug/cubic meter) | LBXZBZ | Benzene (ug/cubic meter) |
| 295 | lab21 | Benzene comment | LBDZBZLC | Benzene comment |
| 296 | lab21 | Chloroform (ug/cubic meter) | LBXZCF | Chloroform (ug/cubic meter) |
| 297 | lab21 | Chloroform comment | LBDZCFLC | Chloroform comment |
| 298 | lab21 | Ethylbenzene (ug/cubic meter) | LBXZEB | Ethylbenzene (ug/cubic meter) |
| 299 | lab21 | Ethylbenzene comment | LBDZEBLC | Ethylbenzene comment |
| 300 | lab21 | Tetrachloroethene (ug/cubic meter) | LBXZTE | Tetrachloroethene (ug/cubic meter) |
| 301 | lab21 | Tetrachloroethene comment | LBDZTELC | Tetrachloroethene comment |
| 302 | lab21 | Toluene (ug/cubic meter) | LBXZTO | Toluene (ug/cubic meter) |
| 303 | lab21 | Toluene comment | LBDZTOLC | Toluene comment |
| 304 | lab21 | Trichloroethene (ug/cubic meter) | LBXZTI | Trichloroethene (ug/cubic meter) |
| 305 | lab21 | Trichloroethene comment | LBDZTILC | Trichloroethene comment |
| 306 | lab21 | o-Xylene (ug/cubic meter) | LBXZOX | o-Xylene (ug/cubic meter) |
| 307 | lab21 | o-Xylene comment | LBDZOXLC | o-Xylene comment |
| 308 | lab21 | m,p-Xylene (ug/cubic meter) | LBXZXY | m,p-Xylene (ug/cubic meter) |
| 309 | lab21 | m,p-Xylene comment | LBDZXYLC | m,p-Xylene comment |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|---|-------------|---|
| 310 | lab21 | 1,4-dichlorobenzene (ug/cubic meter) | LBXZDB | 1,4-dichlorobenzene (ug/cubic meter) |
| 311 | lab21 | 1,4-dichlorobenzene comment | LBDZDBLC | 1,4-dichlorobenzene comment |
| 312 | lab21 | MTBE (ug/cubic meter) | LBXZMB | MTBE (ug/cubic meter) |
| 313 | lab21 | MTBE comment | LBDZMBLC | MTBE comment |
| 314 | lab21 | VOC badge sample duration-hours | LBAVOCSD | VOC badge sample duration-hours |
| 315 | lab21 | Wear the exposure badge at all times? | VTQ015 | Wear the exposure badge at all times? |
| 316 | lab21 | Hours badge not worn | VTQ020 | Hours badge not worn |
| 317 | lab21 | Home has an attached garage? | VTQ030 | Home has an attached garage? |
| 318 | lab21 | Home built less than 5 years ago? | VTQ040 | Home built less than 5 years ago? |
| 319 | lab21 | Description of street where you live | VTQ050 | Description of street where you live |
| 320 | lab21 | Natural gas, or electric kitchen stove | VTQ060 | Natural gas, or electric kitchen stove |
| 321 | lab21 | In the past 6 months, have new carpet | VTQ070 | In the past 6 months, have new carpet |
| 322 | lab21 | Store paints or fuels inside your home? | VTQ080 | Store paints or fuels inside your home? |
| 323 | lab21 | Hours spent indoors at home? | VTQ090 | Hours spent indoors at home? |
| 324 | lab21 | Were any windows open in your home? | VTQ100 | Were any windows open in your home? |
| 325 | lab21 | Hours spent indoors at work/school | VTQ110 | Hours spent indoors at work/school |
| 326 | lab21 | Hours spent outdoors | VTQ120 | Hours spent outdoors |
| 327 | lab21 | Pump gas into a car or motor vehicle? | VTQ130 | Pump gas into a car or motor vehicle? |
| 328 | lab21 | Time spent at a swimming pool | VTQ140 | Time spent at a swimming pool |
| 329 | lab21 | In drycleaning shop, drycleaned clothes | VTQ150 | In drycleaning shop, drycleaned clothes |
| 330 | lab21 | Near a wood-burning fire >= 10 min | VTQ160 | Near a wood-burning fire >= 10 min |
| 331 | lab21 | Near a smoking person >= 10 min | VTQ170 | Near a smoking person >= 10 min |
| 332 | lab21 | Hot shower for five minutes or longer | VTQ180 | Hot shower for five minutes or longer |
| 333 | lab21 | Paints | VTQ200A | Paints |
| 334 | lab21 | Mothballs, moth crystals, or mothflakes | VTQ200B | Mothballs, moth crystals, or mothflakes |
| 335 | lab21 | Disinfectant or degreasing cleaners | VTQ200C | Disinfectant or degreasing cleaners |
| 336 | lab21 | Furniture polish | VTQ200D | Furniture polish |
| 337 | lab21 | Hairspray | VTQ200E | Hairspray |
| 338 | lab21 | Fingernail polish or polish remover | VTQ200F | Fingernail polish or polish remover |
| 339 | lab21 | Diesel fuel or kerosene | VTQ200G | Diesel fuel or kerosene |
| 340 | lab21 | Gasoline | VTQ200H | Gasoline |
| 341 | lab21 | Paint thinner, brush cleaner, stripper | VTQ200I | Paint thinner, brush cleaner, stripper |
| 342 | lab21 | Air fresheners or room deodorizers | VTQ200J | Air fresheners or room deodorizers |
| 343 | lab21 | Drycleaning fluid or spot remover | VTQ200K | Drycleaning fluid or spot remover |
| 344 | lab21 | Glues or adhesives, hobbies or crafts | VTQ200L | Glues or adhesives, hobbies or crafts |
| 345 | lab22 | Respondent sequence number | SEQN | Respondent sequence number |
| 346 | lab22 | Permanent, straightened, or dyed | HRQ010 | Permanent, straightened, or dyed |
| 347 | lab22 | Mercury, hair | HRXHG | Mercury, hair (ppm) |
| 348 | lab22 | Hair mercury comment | HRDHGLC | Hair mercury comment |
| 349 | lab22 | Mercury, hair (ppm) MDL Version | HRDHG | Mercury, hair (ppm) MDL Version |
| 350 | lab22 | Hair Mercury Comment-MDL | HRDHGLC2 | Hair Mercury Comment-MDL |
| 351 | lab25 | Respondent sequence number | SEQN | Respondent sequence number |
| 352 | lab25 | White blood cell count | LBXWBCSI | White blood cell count (SI) |
| 353 | lab25 | Lymphocyte percent | LBXLYPCT | Lymphocyte percent (%) |
| 354 | lab25 | Monocyte percent | LBXMOPCT | Monocyte percent (%) |
| 355 | lab25 | Segmented neutrophils percent | LBXNEPCT | Segmented neutrophils percent (%) |
| | | | | |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 356 | lab25 | Eosinophils percent | LBXEOPCT | Eosinophils percent (%) |
| 357 | lab25 | Basophils percent | LBXBAPCT | Basophils percent (%) |
| 358 | lab25 | Lymphocyte number | LBDLYMNO | Lymphocyte number |
| 359 | lab25 | Monocyte number | LBDMONO | Monocyte number |
| 360 | lab25 | Segmented neutrophils number | LBDNENO | Segmented neutrophils number |
| 361 | lab25 | Eosinophils number | LBDEONO | Eosinophils number |
| 362 | lab25 | Basophils number | LBDBANO | Basophils number |
| 363 | lab25 | Red blood cell count | LBXRBCSI | Red cell count SI |
| 364 | lab25 | Hemoglobin | LBXHGB | Hemoglobin (g/dL) |
| 365 | lab25 | Hematocrit | LBXHCT | Hematocrit (%) |
| 366 | lab25 | Mean cell volume | LBXMCVSI | Mean cell volume (fL) |
| 367 | lab25 | Mean cell hemoglobin | LBXMCHSI | Mean cell hemoglobin (pg) |
| 368 | lab25 | Mean Corpuscular Hemoglobin Concentratio | LBXMC | MCHC (g/dL) |
| 369 | lab25 | Red cell distribution width | LBXRDW | Red cell distribution width (%) |
| 370 | lab25 | Platelet count | LBXPLTSI | Platelet count (%) SI |
| 371 | lab25 | Mean platelet volume | LBXMPSI | Mean platelet volume (fL) |
| 372 | lab26pp | Respondent sequence number | SEQN | Respondent sequence number |
| 373 | lab26pp | PPesticides Subsample 4 Year Mec Weight | WTSPP4YR | PPesticides Subsample 4 Year Mec Weight |
| 374 | lab26pp | PPesticides Subsample 2 Year Mec Weight | WTSPP2YR | PPesticides Subsample 2 Year Mec Weight |
| 375 | lab26pp | PPesticides Mec Weight Jack Knife Rep 01 | WTSPP01 | PPesticides Mec Weight Jack Knife Rep 01 |
| 376 | lab26pp | PPesticides Mec Weight Jack Knife Rep 02 | WTSPP02 | PPesticides Mec Weight Jack Knife Rep 02 |
| 377 | lab26pp | PPesticides Mec Weight Jack Knife Rep 03 | WTSPP03 | PPesticides Mec Weight Jack Knife Rep 03 |
| 378 | lab26pp | PPesticides Mec Weight Jack Knife Rep 04 | WTSPP04 | PPesticides Mec Weight Jack Knife Rep 04 |
| 379 | lab26pp | PPesticides Mec Weight Jack Knife Rep 05 | WTSPP05 | PPesticides Mec Weight Jack Knife Rep 05 |
| 380 | lab26pp | PPesticides Mec Weight Jack Knife Rep 06 | WTSPP06 | PPesticides Mec Weight Jack Knife Rep 06 |
| 381 | lab26pp | PPesticides Mec Weight Jack Knife Rep 07 | WTSPP07 | PPesticides Mec Weight Jack Knife Rep 07 |
| 382 | lab26pp | PPesticides Mec Weight Jack Knife Rep 08 | WTSPP08 | PPesticides Mec Weight Jack Knife Rep 08 |
| 383 | lab26pp | PPesticides Mec Weight Jack Knife Rep 09 | WTSPP09 | PPesticides Mec Weight Jack Knife Rep 09 |
| 384 | lab26pp | PPesticides Mec Weight Jack Knife Rep 10 | WTSPP10 | PPesticides Mec Weight Jack Knife Rep 10 |
| 385 | lab26pp | PPesticides Mec Weight Jack Knife Rep 11 | WTSPP11 | PPesticides Mec Weight Jack Knife Rep 11 |
| 386 | lab26pp | PPesticides Mec Weight Jack Knife Rep 12 | WTSPP12 | PPesticides Mec Weight Jack Knife Rep 12 |
| 387 | lab26pp | PPesticides Mec Weight Jack Knife Rep 13 | WTSPP13 | PPesticides Mec Weight Jack Knife Rep 13 |
| 388 | lab26pp | PPesticides Mec Weight Jack Knife Rep 14 | WTSPP14 | PPesticides Mec Weight Jack Knife Rep 14 |
| 389 | lab26pp | PPesticides Mec Weight Jack Knife Rep 15 | WTSPP15 | PPesticides Mec Weight Jack Knife Rep 15 |
| 390 | lab26pp | PPesticides Mec Weight Jack Knife Rep 16 | WTSPP16 | PPesticides Mec Weight Jack Knife Rep 16 |
| 391 | lab26pp | PPesticides Mec Weight Jack Knife Rep 17 | WTSPP17 | PPesticides Mec Weight Jack Knife Rep 17 |
| 392 | lab26pp | PPesticides Mec Weight Jack Knife Rep 18 | WTSPP18 | PPesticides Mec Weight Jack Knife Rep 18 |
| 393 | lab26pp | PPesticides Mec Weight Jack Knife Rep 19 | WTSPP19 | PPesticides Mec Weight Jack Knife Rep 19 |
| 394 | lab26pp | PPesticides Mec Weight Jack Knife Rep 20 | WTSPP20 | PPesticides Mec Weight Jack Knife Rep 20 |
| 395 | lab26pp | PPesticides Mec Weight Jack Knife Rep 21 | WTSPP21 | PPesticides Mec Weight Jack Knife Rep 21 |
| 396 | lab26pp | PPesticides Mec Weight Jack Knife Rep 22 | WTSPP22 | PPesticides Mec Weight Jack Knife Rep 22 |
| 397 | lab26pp | PPesticides Mec Weight Jack Knife Rep 23 | WTSPP23 | PPesticides Mec Weight Jack Knife Rep 23 |
| 398 | lab26pp | PPesticides Mec Weight Jack Knife Rep 24 | WTSPP24 | PPesticides Mec Weight Jack Knife Rep 24 |
| 399 | lab26pp | PPesticides Mec Weight Jack Knife Rep 25 | WTSPP25 | PPesticides Mec Weight Jack Knife Rep 25 |
| 400 | lab26pp | PPesticides Mec Weight Jack Knife Rep 26 | WTSPP26 | PPesticides Mec Weight Jack Knife Rep 26 |
| 401 | lab26pp | PPesticides Mec Weight Jack Knife Rep 27 | WTSPP27 | PPesticides Mec Weight Jack Knife Rep 27 |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 402 | lab26pp | PPesticides Mec Weight Jack Knife Rep 28 | WTSPP28 | PPesticides Mec Weight Jack Knife Rep 28 |
| 403 | lab26pp | PPesticides Mec Weight Jack Knife Rep 29 | WTSPP29 | PPesticides Mec Weight Jack Knife Rep 29 |
| 404 | lab26pp | PPesticides Mec Weight Jack Knife Rep 30 | WTSPP30 | PPesticides Mec Weight Jack Knife Rep 30 |
| 405 | lab26pp | PPesticides Mec Weight Jack Knife Rep 31 | WTSPP31 | PPesticides Mec Weight Jack Knife Rep 31 |
| 406 | lab26pp | PPesticides Mec Weight Jack Knife Rep 32 | WTSPP32 | PPesticides Mec Weight Jack Knife Rep 32 |
| 407 | lab26pp | PPesticides Mec Weight Jack Knife Rep 33 | WTSPP33 | PPesticides Mec Weight Jack Knife Rep 33 |
| 408 | lab26pp | PPesticides Mec Weight Jack Knife Rep 34 | WTSPP34 | PPesticides Mec Weight Jack Knife Rep 34 |
| 409 | lab26pp | PPesticides Mec Weight Jack Knife Rep 35 | WTSPP35 | PPesticides Mec Weight Jack Knife Rep 35 |
| 410 | lab26pp | PPesticides Mec Weight Jack Knife Rep 36 | WTSPP36 | PPesticides Mec Weight Jack Knife Rep 36 |
| 411 | lab26pp | PPesticides Mec Weight Jack Knife Rep 37 | WTSPP37 | PPesticides Mec Weight Jack Knife Rep 37 |
| 412 | lab26pp | PPesticides Mec Weight Jack Knife Rep 38 | WTSPP38 | PPesticides Mec Weight Jack Knife Rep 38 |
| 413 | lab26pp | PPesticides Mec Weight Jack Knife Rep 39 | WTSPP39 | PPesticides Mec Weight Jack Knife Rep 39 |
| 414 | lab26pp | PPesticides Mec Weight Jack Knife Rep 40 | WTSPP40 | PPesticides Mec Weight Jack Knife Rep 40 |
| 415 | lab26pp | PPesticides Mec Weight Jack Knife Rep 41 | WTSPP41 | PPesticides Mec Weight Jack Knife Rep 41 |
| 416 | lab26pp | PPesticides Mec Weight Jack Knife Rep 42 | WTSPP42 | PPesticides Mec Weight Jack Knife Rep 42 |
| 417 | lab26pp | PPesticides Mec Weight Jack Knife Rep 43 | WTSPP43 | PPesticides Mec Weight Jack Knife Rep 43 |
| 418 | lab26pp | PPesticides Mec Weight Jack Knife Rep 44 | WTSPP44 | PPesticides Mec Weight Jack Knife Rep 44 |
| 419 | lab26pp | PPesticides Mec Weight Jack Knife Rep 45 | WTSPP45 | PPesticides Mec Weight Jack Knife Rep 45 |
| 420 | lab26pp | PPesticides Mec Weight Jack Knife Rep 46 | WTSPP46 | PPesticides Mec Weight Jack Knife Rep 46 |
| 421 | lab26pp | PPesticides Mec Weight Jack Knife Rep 47 | WTSPP47 | PPesticides Mec Weight Jack Knife Rep 47 |
| 422 | lab26pp | PPesticides Mec Weight Jack Knife Rep 48 | WTSPP48 | PPesticides Mec Weight Jack Knife Rep 48 |
| 423 | lab26pp | PPesticides Mec Weight Jack Knife Rep 49 | WTSPP49 | PPesticides Mec Weight Jack Knife Rep 49 |
| 424 | lab26pp | PPesticides Mec Weight Jack Knife Rep 50 | WTSPP50 | PPesticides Mec Weight Jack Knife Rep 50 |
| 425 | lab26pp | PPesticides Mec Weight Jack Knife Rep 51 | WTSPP51 | PPesticides Mec Weight Jack Knife Rep 51 |
| 426 | lab26pp | PPesticides Mec Weight Jack Knife Rep 52 | WTSPP52 | PPesticides Mec Weight Jack Knife Rep 52 |
| 427 | lab26pp | 2,5-dichlorophenol | URX14D | 2,5-dichlorophenol (ug/L) |
| 428 | lab26pp | 2,5-dichlorophenol comment code | URD14DLC | 2,5-dichlorophenol comment code |
| 429 | lab26pp | 2,4,5-trichlorophenol | URX1TB | 2,4,5-trichlorophenol (ug/L) |
| 430 | lab26pp | 2,4,5-trichlorophenol comment code | URD1TBLC | 2,4,5-trichlorophenol comment code |
| 431 | lab26pp | 2,4-D | URX24D | 2,4-D (ug/L) |
| 432 | lab26pp | 2,4-D comment code | URD24DLC | 2,4-D comment code |
| 433 | lab26pp | 2,4,5-T | URX25T | 2,4,5-T (ug/L) |
| 434 | lab26pp | 2,4,5-T comment code | URD25TLC | 2,4,5-T comment code |
| 435 | lab26pp | 2,4,6-trichlorophenol | URX3TB | 2,4,6-trichlorophenol (ug/L) |
| 436 | lab26pp | 2,4,6-trichlorophenol comment code | URD3TBLC | 2,4,6-trichlorophenol comment code |
| 437 | lab26pp | Alachor mercapturate | URXALA | Alachor mercapturate (ug/L) |
| 438 | lab26pp | Alachor mercapturate comment code | URDALALC | Alachor mercapturate comment code |
| 439 | lab26pp | Atrazine mercapturate | URXATZ | Atrazine mercapturate (ug/L) |
| 440 | lab26pp | Atrazine mercapturate comment code | URDATZLC | Atrazine mercapturate comment code |
| 441 | lab26pp | Carbofuranphenol | URXCBF | Carbofuranphenol (ug/L) |
| 442 | lab26pp | Carbofuranphenol comment code | URDCBFLC | Carbofuranphenol comment code |
| 443 | lab26pp | DEET | URXDEE | DEET (ug/L) |
| 444 | lab26pp | DEET comment code | URDDEELC | DEET comment code |
| 445 | lab26pp | Malathion diacid | URXMAL | Malathion diacid (ug/L) |
| 446 | lab26pp | Malathion diacid comment code | URDMALLC | Malathion diacid comment code |
| 447 | lab26pp | 3,5,6-trichloropyridinol | URXCPM | 3,5,6-trichloropyridinol (ug/L) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 448 | lab26pp | 3,5,6-trichloropyridinol comment code | URDCPMLC | 3,5,6-trichloropyridinol comment code |
| 449 | lab26pp | Oxypyrimidine | URXDIZ | Oxypyrimidine (ug/L) |
| 450 | lab26pp | Oxypyrimidine comment code | URDDIZLC | Oxypyrimidine comment code |
| 451 | lab26pp | Paranitrophenol | URXPAR | Paranitrophenol (ug/L) |
| 452 | lab26pp | Paranitrophenol comment code | URDPARLC | Paranitrophenol comment code |
| 453 | lab26pp | Pentachlorophenol | URXPCP | Pentachlorophenol (ug/L) |
| 454 | lab26pp | Pentachlorophenol comment code | URDPCPLC | Pentachlorophenol comment code |
| 455 | lab26pp | 2-isopropoxyphenol | URXPPX | 2-isopropoxyphenol (ug/L) |
| 456 | lab26pp | 2-isopropoxyphenol comment code | URDPPXLC | 2-isopropoxyphenol comment code |
| 457 | lab26pp | O-Phenyl phenol | URXOPP | O-Phenyl phenol (ug/L) |
| 458 | lab26pp | O-Phenyl phenol comment code | URDOPPLC | O-Phenyl phenol comment code |
| 459 | lab26pp | Dimethylphosphate | URXOP1 | Dimethylphosphate (ug/L) |
| 460 | lab26pp | Diethylphosphate | URXOP2 | Diethylphosphate (ug/L) |
| 461 | lab26pp | Dimethylthiophosphate | URXOP3 | Dimethylthiophosphate (ug/L) |
| 462 | lab26pp | Diethylthiophosphate | URXOP4 | Diethylthiophosphate (ug/L) |
| 463 | lab26pp | Dimethyldithiophosphate | URXOP5 | Dimethyldithiophosphate (ug/L) |
| 464 | lab26pp | Diethyldithiophosphate | URXOP6 | Diethyldithiophosphate (ug/L) |
| 465 | lab26pp | 4-fluoro-3-phenoxybenzoic acid (ug/L) | URX4FP | 4-fluoro-3-phenoxybenzoic acid (ug/L) |
| 466 | lab26pp | fluoro-phenoxybenzoic acid code | URD4FPLC | fluoro-phenoxybenzoic acid code |
| 467 | lab26pp | dibromovinyl-dimeth prop carboacid(ug/L) | URXCB3 | dibromovinyl-dimeth prop carboacid(ug/L) |
| 468 | lab26pp | dibromovinyl-dimeth prop carboacid code | URDCB3LC | dibromovinyl-dimeth prop carboacid code |
| 469 | lab26pp | cis dichlorovnl-dimeth carboacid (ug/L) | URXCCC | cis dichlorovnl-dimeth carboacid (ug/L) |
| 470 | lab26pp | cis dichlorovnl-dimeth carboacid code | URDCCCLC | cis dichlorovnl-dimeth carboacid code |
| 471 | lab26pp | trans dichlorovnl-dimeth carboacid(ug/L) | URXTCC | trans dichlorovnl-dimeth carboacid(ug/L) |
| 472 | lab26pp | trans dichlorovnl-dimeth carboacid code | URDTCCLC | trans dichlorovnl-dimeth carboacid code |
| 473 | lab26pp | 3-phenoxybenzoic acid (ug/L) | URXOPM | 3-phenoxybenzoic acid (ug/L) |
| 474 | lab26pp | 3-phenoxybenzoic acid comment code | URDOPMLC | 3-phenoxybenzoic acid comment code |
| 475 | lab26pp | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| 476 | lab28poc | Respondent sequence number | SEQN | Respondent sequence number |
| 477 | lab28poc | Dioxins Subsample 4 Year Mec Weight | WTSPO4YR | Dioxins Subsample 4 Year Mec Weight |
| 478 | lab28poc | Dioxins Subsample 2 Year Mec Weight | WTSPO2YR | Dioxins Subsample 2 Year Mec Weight |
| 479 | lab28poc | Dioxins Mec Weight Jack Knife Rep 01 | WTSPO01 | Dioxins Mec Weight Jack Knife Rep 01 |
| 480 | lab28poc | Dioxins Mec Weight Jack Knife Rep 02 | WTSPO02 | Dioxins Mec Weight Jack Knife Rep 02 |
| 481 | lab28poc | Dioxins Mec Weight Jack Knife Rep 03 | WTSPO03 | Dioxins Mec Weight Jack Knife Rep 03 |
| 482 | lab28poc | Dioxins Mec Weight Jack Knife Rep 04 | WTSPO04 | Dioxins Mec Weight Jack Knife Rep 04 |
| 483 | lab28poc | Dioxins Mec Weight Jack Knife Rep 05 | WTSPO05 | Dioxins Mec Weight Jack Knife Rep 05 |
| 484 | lab28poc | Dioxins Mec Weight Jack Knife Rep 06 | WTSPO06 | Dioxins Mec Weight Jack Knife Rep 06 |
| 485 | lab28poc | Dioxins Mec Weight Jack Knife Rep 07 | WTSPO07 | Dioxins Mec Weight Jack Knife Rep 07 |
| 486 | lab28poc | Dioxins Mec Weight Jack Knife Rep 08 | WTSPO08 | Dioxins Mec Weight Jack Knife Rep 08 |
| 487 | lab28poc | Dioxins Mec Weight Jack Knife Rep 09 | WTSPO09 | Dioxins Mec Weight Jack Knife Rep 09 |
| 488 | lab28poc | Dioxins Mec Weight Jack Knife Rep 10 | WTSPO10 | Dioxins Mec Weight Jack Knife Rep 10 |
| 489 | lab28poc | Dioxins Mec Weight Jack Knife Rep 11 | WTSPO11 | Dioxins Mec Weight Jack Knife Rep 11 |
| 490 | lab28poc | Dioxins Mec Weight Jack Knife Rep 12 | WTSPO12 | Dioxins Mec Weight Jack Knife Rep 12 |
| 491 | lab28poc | Dioxins Mec Weight Jack Knife Rep 13 | WTSPO13 | Dioxins Mec Weight Jack Knife Rep 13 |
| 492 | lab28poc | Dioxins Mec Weight Jack Knife Rep 14 | WTSPO14 | Dioxins Mec Weight Jack Knife Rep 14 |
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| A95 | Item # | File name | Component | Variable ID | Label |
|--|--------|-----------|---|-------------|---|
| 495 | | | • | | |
| 496 Inb28poc Dioxins Mec Weight Jack Knife Rep 18 WTSPO19 Dioxins Mec Weight Jack Knife Rep 19 498 Inb28poc Dioxins Mec Weight Jack Knife Rep 20 WTSPO20 Dioxins Mec Weight Jack Knife Rep 20 499 Inb28poc Dioxins Mec Weight Jack Knife Rep 21 WTSPO21 Dioxins Mec Weight Jack Knife Rep 21 500 Inb28poc Dioxins Mec Weight Jack Knife Rep 22 WTSPO22 Dioxins Mec Weight Jack Knife Rep 21 501 Inb28poc Dioxins Mec Weight Jack Knife Rep 22 WTSPO22 Dioxins Mec Weight Jack Knife Rep 23 502 Inb28poc Dioxins Mec Weight Jack Knife Rep 23 WTSPO23 Dioxins Mec Weight Jack Knife Rep 23 503 Inb28poc Dioxins Mec Weight Jack Knife Rep 24 WTSPO24 Dioxins Mec Weight Jack Knife Rep 25 504 Inb28poc Dioxins Mec Weight Jack Knife Rep 26 WTSPO25 Dioxins Mec Weight Jack Knife Rep 26 505 Inb28poc Dioxins Mec Weight Jack Knife Rep 26 WTSPO26 Dioxins Mec Weight Jack Knife Rep 26 506 Inb28poc Dioxins Mec Weight Jack Knife Rep 27 WTSPO27 Dioxins Mec Weight Jack Knife Rep 27 506 Inb28poc Dioxins Mec Weight Jack Knife Rep 28 WTSPO28 Dioxins Mec Weight Jack Knife Rep 27 507 Inb28poc Dioxins Mec Weight Jack Knife Rep 28 WTSPO28 Dioxins Mec Weight Jack Knife Rep 27 508 Inb28poc Dioxins Mec Weight Jack Knife Rep 28 WTSPO28 Dioxins Mec Weight Jack Knife Rep 28 509 Inb28poc Dioxins Mec Weight Jack Knife Rep 30 WTSPO30 Dioxins Mec Weight Jack Knife Rep 30 510 Inb28poc Dioxins Mec Weight Jack Knife Rep 31 WTSPO31 Dioxins Mec Weight Jack Knife Rep 31 511 Inb28poc Dioxins Mec Weight Jack Knife Rep 31 WTSPO31 Dioxins Mec Weight Jack Knife Rep 31 512 Inb28poc Dioxins Mec Weight Jack Knife Rep 33 WTSPO33 Dioxins Mec Weight Jack Knife Rep 34 WTSPO34 Dioxins Mec Weight Jack Knife Rep 37 WTSPO35 Dioxins Mec Weight Jack Knife Rep 36 WTSPO36 Dioxins Mec Weight Jack Knife Rep 37 WTSPO36 Dioxins Mec Weight Jack Knife Rep 37 WTSPO36 Dioxins Mec Weight Ja | | • | | | |
| 497 18b28ppc Dioxins Mex Weight Jack Krife Rep 19 WTSPO29 Dioxins Mex Weight Jack Krife Rep 20 498 18b28ppc Dioxins Mex Weight Jack Krife Rep 21 WTSPO21 Dioxins Mex Weight Jack Krife Rep 21 WTSPO22 Dioxins Mex Weight Jack Krife Rep 22 WTSPO23 Dioxins Mex Weight Jack Krife Rep 23 WTSPO23 Dioxins Mex Weight Jack Krife Rep 24 WTSPO24 Dioxins Mex Weight Jack Krife Rep 24 WTSPO24 Dioxins Mex Weight Jack Krife Rep 24 WTSPO25 Dioxins Mex Weight Jack Krife Rep 25 WTSPO25 Dioxins Mex Weight Jack Krife Rep 25 WTSPO25 Dioxins Mex Weight Jack Krife Rep 25 WTSPO26 Dioxins Mex Weight Jack Krife Rep 26 Dioxins Mex Weight Jack Krife Rep 26 Dioxins Mex Weight Jack Krife Rep 27 WTSPO27 Dioxins Mex Weight Jack Krife Rep 27 WTSPO28 Dioxins Mex Weight Jack Krife Rep 27 WTSPO28 Dioxins Mex Weight Jack Krife Rep 28 WTSPO28 Dioxins Mex Weight Jack Krife Rep 29 WTSPO29 Dioxins Mex Weight Jack Krife Rep 29 Dioxins Mex Weight Jack Krife Rep 29 WTSPO29 Dioxins Mex Weight Jack Krife Rep 30 WTSPO30 Dioxins Mex Weight Jack Krife Rep 31 WTSPO31 Dioxins Mex Weight Jack Krife Rep 31 WTSPO31 Dioxins Mex Weight Jack Krife Rep 33 WTSPO32 Dioxins Mex Weight Jack Krife Rep 33 WTSPO34 Dioxins Mex Weight Jack Krife Rep 36 Dioxins Mex Weight Jack Krife Rep 36 WTSPO34 Dioxins Mex Weight Jack Krife Rep 37 WTSPO35 Dioxins Mex Weight Jack Krife Rep 36 WTSPO36 Dioxins Mex Weight Jack Krife Rep 37 WTSPO38 Dioxins Mex Weight Jack Krife Rep 36 WTSPO38 Dioxins Mex Weight Jack Krife Rep 37 WTSPO38 Dioxins Mex Weight Jack Krife Rep 37 WTSPO38 Di | | - | - · · · · · · · · · · · · · · · · · · · | | · · |
| 498 | | • | | | |
| 499 lab28poc Dioxins Mec Weight Jack Knife Rep 21 WTSPO21 Dioxins Mec Weight Jack Knife Rep 22 WTSPO23 Dioxins Mec Weight Jack Knife Rep 22 WTSPO23 Dioxins Mec Weight Jack Knife Rep 23 WTSPO23 Dioxins Mec Weight Jack Knife Rep 24 WTSPO24 Dioxins Mec Weight Jack Knife Rep 24 WTSPO25 Dioxins Mec Weight Jack Knife Rep 24 WTSPO25 Dioxins Mec Weight Jack Knife Rep 24 WTSPO25 Dioxins Mec Weight Jack Knife Rep 25 WTSPO25 Dioxins Mec Weight Jack Knife Rep 26 WTSPO26 Dioxins Mec Weight Jack Knife Rep 26 WTSPO26 Dioxins Mec Weight Jack Knife Rep 26 WTSPO27 Dioxins Mec Weight Jack Knife Rep 27 WTSPO27 Dioxins Mec Weight Jack Knife Rep 27 WTSPO27 Dioxins Mec Weight Jack Knife Rep 27 WTSPO28 Dioxins Mec Weight Jack Knife Rep 27 WTSPO28 Dioxins Mec Weight Jack Knife Rep 28 WTSPO28 Dioxins Mec Weight Jack Knife Rep 29 WTSPO28 Dioxins Mec Weight Jack Knife Rep 30 WTSPO30 Dioxins Mec Weight Jack Knife Rep 31 WTSPO31 Dioxins Mec Weight Jack Knife Rep 31 WTSPO31 Dioxins Mec Weight Jack Knife Rep 31 WTSPO31 Dioxins Mec Weight Jack Knife Rep 31 WTSPO32 Dioxins Mec Weight Jack Knife Rep 32 WTSPO32 Dioxins Mec Weight Jack Knife Rep 33 WTSPO33 Dioxins Mec Weight Jack Knife Rep 34 WTSPO34 Dioxins Mec Weight Jack Knife Rep 36 WTSPO34 Dioxins Mec Weight Jack Knife Rep 36 WTSPO34 Dioxins Mec Weight Jack Knife Rep 36 WTSPO36 Dioxins Mec Weight Jack Knife Rep 37 WTSPO38 Dioxins Mec Weight Jack Knife Rep 37 WTSPO38 Dioxins Mec Weight Jack Knife Rep 37 WTSPO38 Dioxins Mec Weight Jack Knife Rep 39 WTSPO36 Dioxins Mec Weight Jack Knife Rep 39 WTSPO36 Dioxins Mec Weight Jack Knife Rep 39 WTSPO36 Dioxins Mec Weight | | • | · | | · · |
| 550 lab28poc Dioxins Mec Weight Jack Knife Rep 23 WTSPO23 Dioxins Mec Weight Jack Knife Rep 23 501 lab28poc Dioxins Mec Weight Jack Knife Rep 23 WTSPO24 Dioxins Mec Weight Jack Knife Rep 24 503 lab28poc Dioxins Mec Weight Jack Knife Rep 25 WTSPO25 Dioxins Mec Weight Jack Knife Rep 26 504 lab28poc Dioxins Mec Weight Jack Knife Rep 26 WTSPO28 Dioxins Mec Weight Jack Knife Rep 26 505 lab28poc Dioxins Mec Weight Jack Knife Rep 27 WTSPO27 Dioxins Mec Weight Jack Knife Rep 26 506 lab28poc Dioxins Mec Weight Jack Knife Rep 28 WTSPO29 Dioxins Mec Weight Jack Knife Rep 28 507 lab28poc Dioxins Mec Weight Jack Knife Rep 30 WTSPO29 Dioxins Mec Weight Jack Knife Rep 30 508 lab28poc Dioxins Mec Weight Jack Knife Rep 31 WTSPO31 Dioxins Mec Weight Jack Knife Rep 30 510 lab28poc Dioxins Mec Weight Jack Knife Rep 33 WTSPO31 Dioxins Mec Weight Jack Knife Rep 32 511 lab28poc Dioxins Mec Weight Jack Knife Rep 33 WTSPO33 Dioxins Mec Weight Jack Knife Rep 34 512 lab28poc <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| 501 lab28poc | | • | | | |
| 502 lab28poc Dioxins Mec Weight Jack Knife Rep 24 503 lab28poc Dioxins Mec Weight Jack Knife Rep 25 504 lab28poc Dioxins Mec Weight Jack Knife Rep 26 505 lab28poc Dioxins Mec Weight Jack Knife Rep 26 506 lab28poc Dioxins Mec Weight Jack Knife Rep 27 506 lab28poc Dioxins Mec Weight Jack Knife Rep 28 507 lab28poc Dioxins Mec Weight Jack Knife Rep 29 508 lab28poc Dioxins Mec Weight Jack Knife Rep 30 509 lab28poc Dioxins Mec Weight Jack Knife Rep 30 510 lab28poc Dioxins Mec Weight Jack Knife Rep 31 511 lab28poc Dioxins Mec Weight Jack Knife Rep 31 512 lab28poc Dioxins Mec Weight Jack Knife Rep 31 511 lab28poc Dioxins Mec Weight Jack Knife Rep 33 512 lab28poc Dioxins Mec Weight Jack Knife Rep 33 513 lab28poc Dioxins Mec Weight Jack Knife Rep 34 514 lab28poc Dioxins Mec Weight Jack Knife Rep 34 515 lab28poc Dioxins Mec Weight Jack Knife Rep 34 | | • | · | | · · |
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| 521 lab28poc Dioxins Mec Weight Jack Knife Rep 43 522 lab28poc Dioxins Mec Weight Jack Knife Rep 44 523 lab28poc Dioxins Mec Weight Jack Knife Rep 44 524 lab28poc Dioxins Mec Weight Jack Knife Rep 45 525 lab28poc Dioxins Mec Weight Jack Knife Rep 46 525 lab28poc Dioxins Mec Weight Jack Knife Rep 47 526 lab28poc Dioxins Mec Weight Jack Knife Rep 48 527 lab28poc Dioxins Mec Weight Jack Knife Rep 48 528 lab28poc Dioxins Mec Weight Jack Knife Rep 49 528 lab28poc Dioxins Mec Weight Jack Knife Rep 49 528 lab28poc Dioxins Mec Weight Jack Knife Rep 49 529 lab28poc Dioxins Mec Weight Jack Knife Rep 50 529 lab28poc Dioxins Mec Weight Jack Knife Rep 51 530 lab28poc Dioxins Mec Weight Jack Knife Rep 51 531 lab28poc Dioxins Mec Weight Jack Knife Rep 52 532 lab28poc Dioxins Mec Weight Jack Knife Rep 52 533 lab28poc PCB28 Lipid Adj (ng/g) 533 lab28poc PCB28 Lipid Adj (ng/g) 534 lab28poc PCB52 Lipid Adj 535 lab28poc PCB52 Lipid Adj 536 lab28poc PCB52 Lipid Adj 537 lab28poc PCB52 Lipid Adj 538 lab28poc PCB66 Lipid Adj | 520 | • | | WTSPO42 | |
| 523lab28pocDioxins Mec Weight Jack Knife Rep 45WTSPO45Dioxins Mec Weight Jack Knife Rep 45524lab28pocDioxins Mec Weight Jack Knife Rep 46WTSPO46Dioxins Mec Weight Jack Knife Rep 46525lab28pocDioxins Mec Weight Jack Knife Rep 47WTSPO47Dioxins Mec Weight Jack Knife Rep 47526lab28pocDioxins Mec Weight Jack Knife Rep 48WTSPO48Dioxins Mec Weight Jack Knife Rep 48527lab28pocDioxins Mec Weight Jack Knife Rep 49WTSPO49Dioxins Mec Weight Jack Knife Rep 49528lab28pocDioxins Mec Weight Jack Knife Rep 50WTSPO50Dioxins Mec Weight Jack Knife Rep 50529lab28pocDioxins Mec Weight Jack Knife Rep 51WTSPO51Dioxins Mec Weight Jack Knife Rep 51530lab28pocDioxins Mec Weight Jack Knife Rep 52WTSPO52Dioxins Mec Weight Jack Knife Rep 52531lab28pocPCB28LBX028PCB28 (ng/g)532lab28pocPCB28 Lipid Adj (ng/g)LBX028LAPCB28 Lipid Adj (ng/g)533lab28pocPCB28 comment codeLBX028LCPCB28 comment code534lab28pocPCB52LBX052PCB52 (ng/g)535lab28pocPCB52 Lipid AdjLBX052LAPCB52 Lipid Adj (ng/g)536lab28pocPCB52 comment codeLBX066PCB65 (ng/g)537lab28pocPCB66 Lipid AdjLBX066PCB66 (ng/g) | 521 | | - | WTSPO43 | |
| 524lab28pocDioxins Mec Weight Jack Knife Rep 46WTSPO46Dioxins Mec Weight Jack Knife Rep 46525lab28pocDioxins Mec Weight Jack Knife Rep 47WTSPO47Dioxins Mec Weight Jack Knife Rep 47526lab28pocDioxins Mec Weight Jack Knife Rep 48WTSPO48Dioxins Mec Weight Jack Knife Rep 48527lab28pocDioxins Mec Weight Jack Knife Rep 49WTSPO49Dioxins Mec Weight Jack Knife Rep 49528lab28pocDioxins Mec Weight Jack Knife Rep 50WTSPO50Dioxins Mec Weight Jack Knife Rep 50529lab28pocDioxins Mec Weight Jack Knife Rep 51WTSPO51Dioxins Mec Weight Jack Knife Rep 51530lab28pocDioxins Mec Weight Jack Knife Rep 52WTSPO52Dioxins Mec Weight Jack Knife Rep 52531lab28pocPCB28LBX028PCB28 (ng/g)532lab28pocPCB28 Lipid Adj (ng/g)LBX028LAPCB28 Lipid Adj (ng/g)533lab28pocPCB28 comment codeLBD028LCPCB28 comment code534lab28pocPCB52 Lipid AdjLBX052LAPCB52 (ng/g)535lab28pocPCB52 Lipid AdjLBX052LAPCB52 Lipid Adj (ng/g)536lab28pocPCB52 comment codeLBD052LCPCB52 Lipid Adj (ng/g)537lab28pocPCB66 Lipid AdjLBX066PCB66 (ng/g)538lab28pocPCB66 Lipid AdjLBX066LAPCB66 Lipid Adj (ng/g) | 522 | lab28poc | Dioxins Mec Weight Jack Knife Rep 44 | WTSPO44 | Dioxins Mec Weight Jack Knife Rep 44 |
| 525lab28pocDioxins Mec Weight Jack Knife Rep 47WTSPO47Dioxins Mec Weight Jack Knife Rep 47526lab28pocDioxins Mec Weight Jack Knife Rep 48WTSPO48Dioxins Mec Weight Jack Knife Rep 48527lab28pocDioxins Mec Weight Jack Knife Rep 49WTSPO49Dioxins Mec Weight Jack Knife Rep 49528lab28pocDioxins Mec Weight Jack Knife Rep 50WTSPO50Dioxins Mec Weight Jack Knife Rep 50529lab28pocDioxins Mec Weight Jack Knife Rep 51WTSPO51Dioxins Mec Weight Jack Knife Rep 51530lab28pocDioxins Mec Weight Jack Knife Rep 52WTSPO52Dioxins Mec Weight Jack Knife Rep 52531lab28pocPCB28LBX028PCB28 (ng/g)532lab28pocPCB28 Lipid Adj (ng/g)LBX028LAPCB28 Lipid Adj (ng/g)533lab28pocPCB28 comment codeLBD028LCPCB28 comment code534lab28pocPCB52LBX052PCB52 (ng/g)535lab28pocPCB52 Lipid AdjLBX052LAPCB52 Lipid Adj (ng/g)536lab28pocPCB52 comment codeLBD052LCPCB52 comment code537lab28pocPCB66LBX066PCB66 (ng/g)538lab28pocPCB66 Lipid AdjLBX066LAPCB66 Lipid Adj (ng/g) | 523 | lab28poc | Dioxins Mec Weight Jack Knife Rep 45 | WTSPO45 | Dioxins Mec Weight Jack Knife Rep 45 |
| 526 lab28poc Dioxins Mec Weight Jack Knife Rep 48 527 lab28poc Dioxins Mec Weight Jack Knife Rep 49 528 lab28poc Dioxins Mec Weight Jack Knife Rep 49 528 lab28poc Dioxins Mec Weight Jack Knife Rep 50 529 lab28poc Dioxins Mec Weight Jack Knife Rep 51 530 lab28poc Dioxins Mec Weight Jack Knife Rep 52 531 lab28poc Dioxins Mec Weight Jack Knife Rep 52 532 lab28poc PCB28 LBX028 PCB28 (ng/g) 533 lab28poc PCB28 Lipid Adj (ng/g) 534 lab28poc PCB28 comment code 534 lab28poc PCB52 Lipid Adj 535 lab28poc PCB52 Lipid Adj 536 lab28poc PCB52 Lipid Adj 537 lab28poc PCB52 Lipid Adj 538 lab28poc PCB52 Lipid Adj 539 lab28poc PCB52 Lipid Adj 530 lab28poc PCB52 Lipid Adj 530 lab28poc PCB52 Lipid Adj 531 lab28poc PCB52 Lipid Adj 532 lab28poc PCB52 Lipid Adj 533 lab28poc PCB52 Lipid Adj 534 lab28poc PCB52 Lipid Adj 535 lab28poc PCB52 Lipid Adj 536 lab28poc PCB52 Lipid Adj 537 lab28poc PCB52 Lipid Adj 538 lab28poc PCB66 Lipid Adj 538 lab28poc PCB66 Lipid Adj 539 Lab28poc PCB66 Lipid Adj 530 Lab28poc PCB66 Lipid Adj 531 Lab28poc PCB66 Lipid Adj | 524 | lab28poc | Dioxins Mec Weight Jack Knife Rep 46 | WTSPO46 | Dioxins Mec Weight Jack Knife Rep 46 |
| 527lab28pocDioxins Mec Weight Jack Knife Rep 49WTSPO49Dioxins Mec Weight Jack Knife Rep 49528lab28pocDioxins Mec Weight Jack Knife Rep 50WTSPO50Dioxins Mec Weight Jack Knife Rep 50529lab28pocDioxins Mec Weight Jack Knife Rep 51WTSPO51Dioxins Mec Weight Jack Knife Rep 51530lab28pocDioxins Mec Weight Jack Knife Rep 52WTSPO52Dioxins Mec Weight Jack Knife Rep 52531lab28pocPCB28LBX028PCB28 (ng/g)532lab28pocPCB28 Lipid Adj (ng/g)LBX028LAPCB28 Lipid Adj (ng/g)533lab28pocPCB28 comment codeLBD028LCPCB28 comment code534lab28pocPCB52LBX052PCB52 (ng/g)535lab28pocPCB52 Lipid AdjLBX052LAPCB52 Lipid Adj (ng/g)536lab28pocPCB52 comment codeLBD052LCPCB52 comment code537lab28pocPCB66LBX066PCB66 (ng/g)538lab28pocPCB66 Lipid AdjLBX066LAPCB66 Lipid Adj (ng/g) | 525 | lab28poc | Dioxins Mec Weight Jack Knife Rep 47 | WTSPO47 | Dioxins Mec Weight Jack Knife Rep 47 |
| 528lab28pocDioxins Mec Weight Jack Knife Rep 50WTSPO50Dioxins Mec Weight Jack Knife Rep 50529lab28pocDioxins Mec Weight Jack Knife Rep 51WTSPO51Dioxins Mec Weight Jack Knife Rep 51530lab28pocDioxins Mec Weight Jack Knife Rep 52WTSPO52Dioxins Mec Weight Jack Knife Rep 52531lab28pocPCB28LBX028PCB28 (ng/g)532lab28pocPCB28 Lipid Adj (ng/g)LBX028LAPCB28 Lipid Adj (ng/g)533lab28pocPCB28 comment codeLBD028LCPCB28 comment code534lab28pocPCB52LBX052PCB52 (ng/g)535lab28pocPCB52 Lipid AdjLBX052LAPCB52 Lipid Adj (ng/g)536lab28pocPCB52 comment codeLBD052LCPCB52 comment code537lab28pocPCB66LBX066PCB66 (ng/g)538lab28pocPCB66 Lipid AdjLBX066LAPCB66 Lipid Adj (ng/g) | 526 | lab28poc | Dioxins Mec Weight Jack Knife Rep 48 | WTSPO48 | Dioxins Mec Weight Jack Knife Rep 48 |
| 529 lab28poc Dioxins Mec Weight Jack Knife Rep 51 WTSPO51 Dioxins Mec Weight Jack Knife Rep 51 530 lab28poc Dioxins Mec Weight Jack Knife Rep 52 WTSPO52 Dioxins Mec Weight Jack Knife Rep 52 531 lab28poc PCB28 LBX028 PCB28 (ng/g) 532 lab28poc PCB28 Lipid Adj (ng/g) LBX028LA PCB28 Lipid Adj (ng/g) 533 lab28poc PCB28 comment code LBD028LC PCB28 comment code 534 lab28poc PCB52 LBX052 PCB52 (ng/g) 535 lab28poc PCB52 Lipid Adj LBX052LA PCB52 Lipid Adj (ng/g) 536 lab28poc PCB52 comment code LBD052LC PCB52 comment code 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 527 | lab28poc | Dioxins Mec Weight Jack Knife Rep 49 | WTSPO49 | Dioxins Mec Weight Jack Knife Rep 49 |
| 530 lab28poc Dioxins Mec Weight Jack Knife Rep 52 WTSPO52 Dioxins Mec Weight Jack Knife Rep 52 531 lab28poc PCB28 LBX028 PCB28 (ng/g) 532 lab28poc PCB28 Lipid Adj (ng/g) LBX028LA PCB28 Lipid Adj (ng/g) 533 lab28poc PCB28 comment code LBD028LC PCB28 comment code 534 lab28poc PCB52 LBX052 PCB52 (ng/g) 535 lab28poc PCB52 Lipid Adj LBX052LA PCB52 Lipid Adj (ng/g) 536 lab28poc PCB52 comment code LBD052LC PCB52 comment code 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 528 | lab28poc | Dioxins Mec Weight Jack Knife Rep 50 | WTSPO50 | Dioxins Mec Weight Jack Knife Rep 50 |
| 531 lab28poc PCB28 LBX028 PCB28 (ng/g) 532 lab28poc PCB28 Lipid Adj (ng/g) LBX028LA PCB28 Lipid Adj (ng/g) 533 lab28poc PCB28 comment code LBD028LC PCB28 comment code 534 lab28poc PCB52 LBX052 PCB52 (ng/g) 535 lab28poc PCB52 Lipid Adj LBX052LA PCB52 Lipid Adj (ng/g) 536 lab28poc PCB52 comment code LBD052LC PCB52 comment code 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 529 | lab28poc | Dioxins Mec Weight Jack Knife Rep 51 | WTSPO51 | Dioxins Mec Weight Jack Knife Rep 51 |
| 532 lab28poc PCB28 Lipid Adj (ng/g) LBX028LA PCB28 Lipid Adj (ng/g) 533 lab28poc PCB28 comment code LBD028LC PCB28 comment code 534 lab28poc PCB52 LBX052 PCB52 (ng/g) 535 lab28poc PCB52 Lipid Adj LBX052LA PCB52 Lipid Adj (ng/g) 536 lab28poc PCB52 comment code LBD052LC PCB52 comment code 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 530 | lab28poc | Dioxins Mec Weight Jack Knife Rep 52 | WTSPO52 | Dioxins Mec Weight Jack Knife Rep 52 |
| 533 lab28poc PCB28 comment code LBD028LC PCB28 comment code 534 lab28poc PCB52 LBX052 PCB52 (ng/g) 535 lab28poc PCB52 Lipid Adj LBX052LA PCB52 Lipid Adj (ng/g) 536 lab28poc PCB52 comment code LBD052LC PCB52 comment code 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 531 | lab28poc | PCB28 | LBX028 | PCB28 (ng/g) |
| 534 lab28poc PCB52 LBX052 PCB52 (ng/g) 535 lab28poc PCB52 Lipid Adj LBX052LA PCB52 Lipid Adj (ng/g) 536 lab28poc PCB52 comment code LBD052LC PCB52 comment code 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 532 | lab28poc | PCB28 Lipid Adj (ng/g) | LBX028LA | PCB28 Lipid Adj (ng/g) |
| 535 Iab28poc PCB52 Lipid Adj LBX052LA PCB52 Lipid Adj (ng/g) 536 Iab28poc PCB52 comment code LBD052LC PCB52 comment code 537 Iab28poc PCB66 LBX066 PCB66 (ng/g) 538 Iab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | | lab28poc | | | PCB28 comment code |
| 536 lab28poc PCB52 comment code LBD052LC PCB52 comment code 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 534 | lab28poc | PCB52 | LBX052 | PCB52 (ng/g) |
| 537 lab28poc PCB66 LBX066 PCB66 (ng/g) 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 535 | lab28poc | PCB52 Lipid Adj | LBX052LA | PCB52 Lipid Adj (ng/g) |
| 538 lab28poc PCB66 Lipid Adj LBX066LA PCB66 Lipid Adj (ng/g) | 536 | lab28poc | PCB52 comment code | LBD052LC | PCB52 comment code |
| 1 7 0 07 | 537 | lab28poc | PCB66 | LBX066 | PCB66 (ng/g) |
| 539 lab28poc PCB66 comment code LBD066LC PCB66 comment code | 538 | lab28poc | PCB66 Lipid Adj | LBX066LA | PCB66 Lipid Adj (ng/g) |
| | 539 | lab28poc | PCB66 comment code | LBD066LC | PCB66 comment code |

| 540 541 542 543 | lab28poc lab28poc | PCB74 | LBX074 | DCB74 (ng/g) |
|--------------------------|----------------------|---------------------|----------|--|
| 542 | lab28poc | | LDAOTT | PCB74 (ng/g) |
| | | PCB74 Lipid Adj | LBX074LA | PCB74 Lipid Adj (ng/g) |
| 543 | lab28poc | PCB74 comment code | LBD074LC | PCB74 comment code |
| 0-10 | lab28poc | PCB99 | LBX099 | PCB99 (ng/g) |
| 544 | lab28poc | PCB99 Lipid Adj | LBX099LA | PCB99 Lipid Adj (ng/g) |
| 545 | lab28poc | PCB99 comment code | LBD099LC | PCB99 comment code |
| 546 | lab28poc | PCB101 | LBX101 | PCB101 (ng/g) |
| 547 | lab28poc | PCB101 Lipid Adj | LBX101LA | PCB101 Lipid Adj (ng/g) |
| 548 | lab28poc | PCB101 comment code | LBD101LC | PCB101 comment code |
| 549 | lab28poc | PCB105 | LBX105 | PCB105 (ng/g) |
| 550 | lab28poc | PCB105 Lipid Adj | LBX105LA | PCB105 Lipid Adj (ng/g) |
| 551 | lab28poc | PCB105 comment code | LBD105LC | PCB105 comment code |
| 552 | lab28poc | PCB118 | LBX118 | PCB118 (ng/g) |
| 553 | lab28poc | PCB118 Lipid Adj | LBX118LA | PCB118 Lipid Adj (ng/g) |
| 554 | lab28poc | PCB118 comment code | LBD118LC | PCB118 comment code |
| 555 | lab28poc | PCB128 | LBX128 | PCB128 (ng/g) |
| 556 | lab28poc | PCB128 Lipid Adj | LBX128LA | PCB128 Lipid Adj (ng/g) |
| 557 | lab28poc | PCB128 comment code | LBD128LC | PCB128 comment code |
| 558 | lab28poc | PCB138 | LBX138 | PCB138 (ng/g) |
| 559 | lab28poc | PCB138 Lipid Adj | LBX138LA | PCB138 Lipid Adj (ng/g) |
| 560 | lab28poc | PCB138 comment code | LBD138LC | PCB138 comment code |
| 561 | lab28poc | PCB146 | LBX146 | PCB146 (ng/g) |
| 562 | lab28poc | PCB146 Lipid Adj | LBX146LA | PCB146 Lipid Adj (ng/g) |
| 563 | lab28poc | PCB146 comment code | LBD146LC | PCB146 comment code |
| 564 | lab28poc | PCB153 | LBX153 | PCB153 (ng/g) |
| 565 | lab28poc | PCB153 Lipid Adj | LBX153LA | PCB153 Lipid Adj (ng/g) |
| 566 | lab28poc | PCB153 comment code | LBD153LC | PCB153 comment code |
| 567 | lab28poc | PCB156 | LBX156 | PCB156 (ng/g) |
| 568 | lab28poc | PCB156 Lipid Adj | LBX156LA | PCB156 Lipid Adj (ng/g) |
| 569 | lab28poc | PCB156 comment code | LBD156LC | PCB156 comment code |
| 570 | lab28poc | PCB157 | LBX157 | PCB157 (ng/g) |
| 571 | lab28poc | PCB157 Lipid Adj | LBX157LA | PCB157 Lipid Adj (ng/g) |
| 572 | lab28poc | PCB157 comment code | LBD157LC | PCB157 comment code |
| 573 | lab28poc | PCB167 | LBX167 | PCB167 (ng/g) |
| 574 | lab28poc | PCB167 Lipid Adj | LBX167LA | PCB167 Lipid Adj (ng/g) |
| 575 | lab28poc | PCB167 comment code | LBD167LC | PCB167 comment code |
| 576 | lab28poc | PCB170 | LBX170 | PCB170 (ng/g) |
| 577 | lab28poc | PCB170 Lipid Adj | LBX170LA | PCB170 (iig/g) |
| 578 | lab28poc | PCB170 cipid Adj | LBD170LC | PCB170 comment code |
| 579 | lab28poc | PCB172 | LBX172 | PCB172 (ng/g) |
| 580 | lab28poc | PCB172 Lipid Adj | LBX172LA | PCB172 Lipid Adj (ng/g) |
| 581 | lab28poc | PCB172 comment code | LBD172LC | PCB172 comment code |
| 582 | lab28poc | PCB177 | LBX177 | PCB172 comment code PCB177 (ng/g) |
| 583 | lab28poc | PCB177 Lipid Adj | LBX177LA | PCB177 (ng/g) |
| 584 | lab28poc | PCB177 Lipid Adj | LBD177LC | PCB177 Lipid Adj (lig/g) PCB177 comment code |
| 585 | lab28poc | PCB178 | LBX178 | PCB178 (ng/g) |
| 505 | ιαυζυρύυ | 1 00170 | LDATIO | 1 OB170 (119/9) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|-----------------------------------|-------------|---------------------------------------|
| 586 | lab28poc | PCB178 Lipid Adj | LBX178LA | PCB178 Lipid Adj (ng/g) |
| 587 | lab28poc | PCB178 comment code | LBD178LC | PCB178 comment code |
| 588 | lab28poc | PCB180 | LBX180 | PCB180 (ng/g) |
| 589 | lab28poc | PCB180 Lipid Adj | LBX180LA | PCB180 Lipid Adj (ng/g) |
| 590 | lab28poc | PCB180 comment code | LBD180LC | PCB180 comment code |
| 591 | lab28poc | PCB183 | LBX183 | PCB183 (ng/g) |
| 592 | lab28poc | PCB183 Lipid Adj | LBX183LA | PCB183 Lipid Adj (ng/g) |
| 593 | lab28poc | PCB183 comment code | LBD183LC | PCB183 comment code |
| 594 | lab28poc | PCB187 | LBX187 | PCB187 (ng/g) |
| 595 | lab28poc | PCB187 Lipid Adj | LBX187LA | PCB187 Lipid Adj (ng/g) |
| 596 | lab28poc | PCB187 comment code | LBD187LC | PCB187 comment code |
| 597 | lab28poc | 1,2,3,7,8-pncdd | LBXD01 | 1,2,3,7,8-pncdd (fg/g) |
| 598 | lab28poc | 1,2,3,7,8-pncdd Lipid Adj | LBXD01LA | 1,2,3,7,8-pncdd Lipid Adj (pg/g) |
| 599 | lab28poc | 1,2,3,7,8-pncdd comment code | LBDD01LC | 1,2,3,7,8-pncdd comment code |
| 600 | lab28poc | 1,2,3,6,7,8-hxcdd | LBXD03 | 1,2,3,6,7,8-hxcdd (fg/g) |
| 601 | lab28poc | 1,2,3,6,7,8-hxcdd Lipid Adj | LBXD03LA | 1,2,3,6,7,8-hxcdd Lipid Adj (pg/g) |
| 602 | lab28poc | 1,2,3,6,7,8-hxcdd comment code | LBDD03LC | 1,2,3,6,7,8-hxcdd comment code |
| 603 | lab28poc | 1,2,3,7,8,9-hxcdd | LBXD04 | 1,2,3,7,8,9-hxcdd (fg/g) |
| 604 | lab28poc | 1,2,3,7,8,9-hxcdd Lipid Adj | LBXD04LA | 1,2,3,7,8,9-hxcdd Lipid Adj (pg/g) |
| 605 | lab28poc | 1,2,3,7,8,9-hxcdd comment code | LBDD04LC | 1,2,3,7,8,9-hxcdd comment code |
| 606 | lab28poc | 1,2,3,4,6,7,8-hpcdd | LBXD05 | 1,2,3,4,6,7,8-hpcdd (fg/g) |
| 607 | lab28poc | 1,2,3,4,6,7,8-hpcdd Lipid Adj | LBXD05LA | 1,2,3,4,6,7,8-hpcdd Lipid Adj (pg/g) |
| 608 | lab28poc | 1,2,3,4,6,7,8-hpcdd comment code | LBDD05LC | 1,2,3,4,6,7,8-hpcdd comment code |
| 609 | lab28poc | 1,2,3,4,6,7,8,9-ocdd | LBXD07 | 1,2,3,4,6,7,8,9-ocdd (fg/g) |
| 610 | lab28poc | 1,2,3,4,6,7,8,9-ocdd Lipid Adj | LBXD07LA | 1,2,3,4,6,7,8,9-ocdd Lipid Adj (pg/g) |
| 611 | lab28poc | 1,2,3,4,6,7,8,9-ocdd comment code | LBDD07LC | 1,2,3,4,6,7,8,9-ocdd comment code |
| 612 | lab28poc | 2,3,7,8-tcdf | LBXF01 | 2,3,7,8-tcdf (fg/g) |
| 613 | lab28poc | 2,3,7,8-tcdf Lipid Adj | LBXF01LA | 2,3,7,8-tcdf Lipid Adj (pg/g) |
| 614 | lab28poc | 2,3,7,8-tcdf comment code | LBDF01LC | 2,3,7,8-tcdf comment code |
| 615 | lab28poc | 1,2,3,7,8-pncdf | LBXF02 | 1,2,3,7,8-pncdf (fg/g) |
| 616 | lab28poc | 1,2,3,7,8-pncdf Lipid Adj | LBXF02LA | 1,2,3,7,8-pncdf Lipid Adj (pg/g) |
| 617 | lab28poc | 1,2,3,7,8-pncdf comment code | LBDF02LC | 1,2,3,7,8-pncdf comment code |
| 618 | lab28poc | 2,3,4,7,8-pncdf | LBXF03 | 2,3,4,7,8-pncdf (fg/g) |
| 619 | lab28poc | 2,3,4,7,8-pncdf Lipid Adj | LBXF03LA | 2,3,4,7,8-pncdf Lipid Adj (pg/g) |
| 620 | lab28poc | 2,3,4,7,8-pncdf comment code | LBDF03LC | 2,3,4,7,8-pncdf comment code |
| 621 | lab28poc | 1,2,3,4,7,8-hcxdf | LBXF04 | 1,2,3,4,7,8-hcxdf (fg/g) |
| 622 | lab28poc | 1,2,3,4,7,8-hxcdf Lipid Adj | LBXF04LA | 1,2,3,4,7,8-hxcdf Lipid Adj (pg/g) |
| 623 | lab28poc | 1,2,3,4,7,8-hcxdf comment code | LBDF04LC | 1,2,3,4,7,8-hcxdf comment code |
| 624 | lab28poc | 1,2,3,6,7,8-hxcdf | LBXF05 | 1,2,3,6,7,8-hxcdf (fg/g) |
| 625 | lab28poc | 1,2,3,6,7,8-hxcdf Lipid Adj | LBXF05LA | 1,2,3,6,7,8-hxcdf Lipid Adj (pg/g) |
| 626 | lab28poc | 1,2,3,6,7,8-hxcdf comment code | LBDF05LC | 1,2,3,6,7,8-hxcdf comment code |
| 627 | lab28poc | 1,2,3,7,8,9-hxcdf | LBXF06 | 1,2,3,7,8,9-hxcdf (fg/g) |
| 628 | lab28poc | 1,2,3,7,8,9-hxcdf Lipid Adj | LBXF06LA | 1,2,3,7,8,9-hxcdf Lipid Adj (pg/g) |
| 629 | lab28poc | 1,2,3,7,8,9-hxcdf comment code | LBDF06LC | 1,2,3,7,8,9-hxcdf comment code |
| 630 | lab28poc | 2,3,4,6,7,8-hxcdf | LBXF07 | 2,3,4,6,7,8-hxcdf (fg/g) |
| 631 | lab28poc | 2,3,4,6,7,8-hxcdf Lipid Adj | LBXF07LA | 2,3,4,6,7,8-hxcdf Lipid Adj (pg/g) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 632 | lab28poc | 2,3,4,6,7,8-hxcdf comment code | LBDF07LC | 2,3,4,6,7,8-hxcdf comment code |
| 633 | lab28poc | 1,2,3,4,6,7,8-hpcdf | LBXF08 | 1,2,3,4,6,7,8-hpcdf (fg/g) |
| 634 | lab28poc | 1,2,3,4,6,7,8-hxcdf Lipid Adj | LBXF08LA | 1,2,3,4,6,7,8-hxcdf Lipid Adj (pg/g) |
| 635 | lab28poc | 1,2,3,4,6,7,8-hpcdf comment code | LBDF08LC | 1,2,3,4,6,7,8-hpcdf comment code |
| 636 | lab28poc | 1,2,3,4,6,7,8,9-ocdf | LBXF10 | 1,2,3,4,6,7,8,9-ocdf (fg/g) |
| 637 | lab28poc | 1,2,3,4,6,7,8,9-ocdf Lipid Adj | LBXF10LA | 1,2,3,4,6,7,8,9-ocdf Lipid Adj (pg/g) |
| 638 | lab28poc | 1,2,3,4,6,7,8,9-ocdf comment code | LBDF10LC | 1,2,3,4,6,7,8,9-ocdf comment code |
| 639 | lab28poc | 3,3',4,4',5-pncb | LBXPCB | 3,3',4,4',5-pncb (fg/g) |
| 640 | lab28poc | 3,3',4,4',5-pcnb Lipid Adj | LBXPCBLA | 3,3',4,4',5-pcnb Lipid Adj (pg/g) |
| 641 | lab28poc | 3,3',4,4',5-pncb comment code | LBDPCBLC | 3,3',4,4',5-pncb comment code |
| 642 | lab28poc | 3,4,4',5-tcb | LBXTC2 | 3,4,4',5-tcb (fg/g) |
| 643 | lab28poc | 3,4,4',5-tcb Lipid Adj | LBXTC2LA | 3,4,4',5-tcb Lipid Adj (pg/g) |
| 644 | lab28poc | 3,4,4',5-tcb comment code | LBDTC2LC | 3,4,4',5-tcb comment code |
| 645 | lab28poc | 2,3,7,8-tcdd | LBXTCD | 2,3,7,8-tcdd (fg/g) |
| 646 | lab28poc | 2,3,7,8-tcdd Lipid Adj | LBXTCDLA | 2,3,7,8-tcdd Lipid Adj (pg/g) |
| 647 | lab28poc | 2,3,7,8-tcdd comment code | LBDTCDLC | 2,3,7,8-tcdd comment code |
| 648 | lab28poc | Beta-hexachlorocyclohexane (ng/g) | LBDBHC | Beta-hexachlorocyclohexane (ng/g) |
| 649 | lab28poc | B-hexachlorocyclohexane Lipid Adj (ng/g) | LBDBHCLA | B-hexachlorocyclohexane Lipid Adj (ng/g) |
| 650 | lab28poc | Beta-hexachlorocyclohexane comment code | LBDBHCLC | Beta-hexachlorocyclohexane comment code |
| 651 | lab28poc | Gamma-hexachlorocyclohexane | LBXGHC | Gamma-hexachlorocyclohexane (ng/g) |
| 652 | lab28poc | G-hexachlorocyclohexane Lipid Adj | LBXGHCLA | G-hexachlorocyclohexane Lipid Adj (ng/g) |
| 653 | lab28poc | Gamma-hexachlorocyclohexane comment code | LBDGHCLC | Gamma-hexachlorocyclohexane comment code |
| 654 | lab28poc | Hexachlorobenzene | LBXHCB | Hexachlorobenzene (ng/g) |
| 655 | lab28poc | Hexachlorobenzene Lipid Adj | LBXHCBLA | Hexachlorobenzene Lipid Adj (ng/g) |
| 656 | lab28poc | Hexachlorobenzene comment code | LBDHCBLC | Hexachlorobenzene comment code |
| 657 | lab28poc | Heptachlor Epoxide | LBXHPE | Heptachlor Epoxide (ng/g) |
| 658 | lab28poc | Heptachlor Epoxide Lipid Adj | LBXHPELA | Heptachlor Epoxide Lipid Adj (ng/g) |
| 659 | lab28poc | Heptachlor Epoxide comment code | LBDHPELC | Heptachlor Epoxide comment code |
| 660 | lab28poc | 3,3',4,4',5,5'-hxcb | LBXHXC | 3,3',4,4',5,5'-hxcb (fg/g) |
| 661 | lab28poc | 3,3',4,4',5,5'-hxcb Lipid Adj | LBXHXCLA | 3,3',4,4',5,5'-hxcb Lipid Adj (pg/g) |
| 662 | lab28poc | 3,3',4,4',5,5'-hxcb comment code | LBDHXCLC | 3,3',4,4',5,5'-hxcb comment code |
| 663 | lab28poc | Mirex | LBXMIR | Mirex (ng/g) |
| 664 | lab28poc | Mirex Lipid Adj | LBXMIRLA | Mirex Lipid Adj (ng/g) |
| 665 | lab28poc | Mirex comment code | LBDMIRLC | Mirex comment code |
| 666 | lab28poc | o,p'-DDT | LBXODT | o,p'-DDT (ng/g) |
| 667 | lab28poc | opDDT Lipid Adj | LBXODTLA | opDDT Lipid Adj (ng/g) |
| 668 | lab28poc | o,p'-DDT comment code | LBDODTLC | o,p'-DDT comment code |
| 669 | lab28poc | Oxychlordane | LBXOXY | Oxychlordane (ng/g) |
| 670 | lab28poc | Oxychlordane Lipid Adj | LBXOXYLA | Oxychlordane Lipid Adj (ng/g) |
| 671 | lab28poc | Oxychlordane comment code | LBDOXYLC | Oxychlordane comment code |
| 672 | lab28poc | p,p'-DDE (ng/g) | LBXPDE | p,p'-DDE (ng/g) |
| 673 | lab28poc | ppDDE Lipid Adj | LBXPDELA | ppDDE Lipid Adj (ng/g) |
| 674 | lab28poc | p,p'-DDE comment code | LBDPDELC | p,p'-DDE comment code |
| 675 | lab28poc | p,p'-DDT | LBXPDT | p,p'-DDT (ng/g) |
| 676 | lab28poc | ppDDT Lipid Adj | LBXPDTLA | ppDDT Lipid Adj (ng/g) |
| 677 | lab28poc | p,p'-DDT comment code | LBDPDTLC | p,p'-DDT comment code |

| Item # | File name | Component | Variable ID | Label |
|------------|------------------|--|--------------------|--|
| 678 | lab28poc | trans-Nonachlor | LBXTNA | trans-Nonachlor (ng/g) |
| 679 | lab28poc | Trans-nonachlor Lipid Adj | LBXTNALA | Trans-nonachlor Lipid Adj (ng/g) |
| 680 | lab28poc | trans-Nonachlor comment code | LBDTNALC | trans-Nonachlor comment code |
| 681 | ph | Respondent sequence number | SEQN | Respondent sequence number |
| 682 | ph | Coffee or tea with cream or sugar? | PHQ020 | Coffee or tea with cream or sugar? |
| 683 | ph | Coffee/tea fast time (hours) | PHACOFHR | Coffee/tea fast time (hours) |
| 684 | ph | Coffee/tea fast time (minutes) | PHACOFMN | Coffee/tea fast time (minutes) |
| 685 | ph | Alcohol, such as beer, wine, or liquor? | PHQ030 | Alcohol, such as beer, wine, or liquor? |
| 686 | ph | Alcohol fast time (hours) | PHAALCHR | Alcohol fast time (hours) |
| 687 | ph | Alcohol fast time (minutes) | PHAALCMN | Alcohol fast time (minutes) |
| 688 | ph | Gum, mints, lozenges or cough drops | PHQ040 | Gum, mints, lozenges or cough drops |
| 689 | ph | Gum, mints cough drops fast time (hours) | PHAGUMHR | Gum, mints cough drops fast time (hours) |
| 690 | ph | Gum, mints, cough fast time (minutes) | PHAGUMMN | Gum, mints, cough fast time (minutes) |
| 691 | ph | Antacids, laxatives, or anti-diarrheals? | PHQ050 | Antacids, laxatives, or anti-diarrheals? |
| 692 | ph | Antacids, laxatives fast time (hours) | PHAANTHR | Antacids, laxatives fast time (hours) |
| 693 | ph | Antacids, laxatives fast time (minutes) | PHAANTMN | Antacids, laxatives fast time (minutes) |
| 694 | ph | Dietary supplements? | PHQ060 | Dietary supplements? |
| 695 | ph | Dietary supplements fast time (hours) | PHASUPHR | Dietary supplements fast time (hours) |
| 696 | ph | Dietary supplements fast time (minutes) | PHASUPMN | Dietary supplements fast time (minutes) |
| 697 | ph | Total length of 'food fast,' hours | PHAFSTHR | Total length of "food fast," hours |
| 698 | ph | Total length of 'food fast,' minutes | PHAFSTMN | Total length of "food fast," minutes |
| 699 | ph | Session in which SP was examined | PHDSESN | Session in which SP was examined |
| 700 | phpypa | Respondent sequence number | SEQN | Respondent sequence number |
| 701 | phpypa | Phthalate Subsample 4 Year Mec Weight | WTSPH4YR | Phthalate Subsample 4 Year Mec Weight |
| 702 | phpypa | Phthalate Subsample 2 Year Mec Weight | WTSPH2YR | Phthalate Subsample 2 Year Mec Weight |
| 703 | phpypa | Phthalate Mec Weight Jack Knife Rep 01 | WTSPH01 | Phthalate Mec Weight Jack Knife Rep 01 |
| 704 | phpypa | Phthalate Mec Weight Jack Knife Rep 02 | WTSPH02 | Phthalate Mec Weight Jack Knife Rep 02 |
| 705 | phpypa | Phthalate Mec Weight Jack Knife Rep 03 | WTSPH03 | Phthalate Mec Weight Jack Knife Rep 03 |
| 706 | phpypa | Phthalate Mec Weight Jack Knife Rep 04 | WTSPH04 | Phthalate Mec Weight Jack Knife Rep 04 |
| 707 | phpypa | Phthalate Mec Weight Jack Knife Rep 05 | WTSPH05 | Phthalate Mec Weight Jack Knife Rep 05 |
| 707 | phpypa | Phthalate Mec Weight Jack Knife Rep 06 | WTSPH06 | Phthalate Mec Weight Jack Knife Rep 06 |
| 709 | phpypa | Phthalate Mec Weight Jack Knife Rep 07 | WTSPH07 | Phthalate Mec Weight Jack Knife Rep 07 |
| 710 | | Phthalate Mec Weight Jack Knife Rep 08 | WTSPH08 | Phthalate Mec Weight Jack Knife Rep 08 |
| 710 | phpypa phpypa | Phthalate Mec Weight Jack Knife Rep 09 | WTSPH09 | Phthalate Mec Weight Jack Knife Rep 09 |
| 711 | | Phthalate Mec Weight Jack Knife Rep 10 | WTSPH09 WTSPH10 | Phthalate Mec Weight Jack Knife Rep 10 |
| | phpypa | · · | | · · |
| 713 714 | phpypa | Phthalate Mec Weight Jack Knife Rep 11 | WTSPH11 WTSPH12 | Phthalate Mec Weight Jack Knife Rep 11 |
| | phpypa | Phthalate Mec Weight Jack Knife Rep 12 | | Phthalate Mec Weight Jack Knife Rep 12 |
| 715 716 | phpypa | Phthalate Mec Weight Jack Knife Rep 13 | WTSPH13 | Phthalate Mec Weight Jack Knife Rep 13 |
| 716 | phpypa | Phthalate Mec Weight Jack Knife Rep 14 | WTSPH14 | Phthalate Mec Weight Jack Knife Rep 14 |
| 717 | phpypa | Phthalate Mec Weight Jack Knife Rep 15 | WTSPH15 | Phthalate Mec Weight Jack Knife Rep 15 |
| 718 | phpypa | Phthalate Mec Weight Jack Knife Rep 16 | WTSPH16 | Phthalate Mec Weight Jack Knife Rep 16 |
| 719 | phpypa | Phthalate Mec Weight Jack Knife Rep 17 | WTSPH17 | Phthalate Mec Weight Jack Knife Rep 17 |
| 720 | phpypa | Phthalate Mec Weight Jack Knife Rep 18 | WTSPH18 | Phthalate Mec Weight Jack Knife Rep 18 |
| 721 | phpypa | Phthalate Mec Weight Jack Knife Rep 19 | WTSPH19 | Phthalate Mec Weight Jack Knife Rep 19 |
| 722 | phpypa | Phthalate Mec Weight Jack Knife Rep 20 | WTSPH20 | Phthalate Mec Weight Jack Knife Rep 20 |
| 723 | phpypa | Phthalate Mec Weight Jack Knife Rep 21 | WTSPH21 | Phthalate Mec Weight Jack Knife Rep 21 |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 724 | phpypa | Phthalate Mec Weight Jack Knife Rep 22 | WTSPH22 | Phthalate Mec Weight Jack Knife Rep 22 |
| 725 | phpypa | Phthalate Mec Weight Jack Knife Rep 23 | WTSPH23 | Phthalate Mec Weight Jack Knife Rep 23 |
| 726 | phpypa | Phthalate Mec Weight Jack Knife Rep 24 | WTSPH24 | Phthalate Mec Weight Jack Knife Rep 24 |
| 727 | phpypa | Phthalate Mec Weight Jack Knife Rep 25 | WTSPH25 | Phthalate Mec Weight Jack Knife Rep 25 |
| 728 | phpypa | Phthalate Mec Weight Jack Knife Rep 26 | WTSPH26 | Phthalate Mec Weight Jack Knife Rep 26 |
| 729 | phpypa | Phthalate Mec Weight Jack Knife Rep 27 | WTSPH27 | Phthalate Mec Weight Jack Knife Rep 27 |
| 730 | phpypa | Phthalate Mec Weight Jack Knife Rep 28 | WTSPH28 | Phthalate Mec Weight Jack Knife Rep 28 |
| 731 | phpypa | Phthalate Mec Weight Jack Knife Rep 29 | WTSPH29 | Phthalate Mec Weight Jack Knife Rep 29 |
| 732 | phpypa | Phthalate Mec Weight Jack Knife Rep 30 | WTSPH30 | Phthalate Mec Weight Jack Knife Rep 30 |
| 733 | phpypa | Phthalate Mec Weight Jack Knife Rep 31 | WTSPH31 | Phthalate Mec Weight Jack Knife Rep 31 |
| 734 | phpypa | Phthalate Mec Weight Jack Knife Rep 32 | WTSPH32 | Phthalate Mec Weight Jack Knife Rep 32 |
| 735 | phpypa | Phthalate Mec Weight Jack Knife Rep 33 | WTSPH33 | Phthalate Mec Weight Jack Knife Rep 33 |
| 736 | phpypa | Phthalate Mec Weight Jack Knife Rep 34 | WTSPH34 | Phthalate Mec Weight Jack Knife Rep 34 |
| 737 | phpypa | Phthalate Mec Weight Jack Knife Rep 35 | WTSPH35 | Phthalate Mec Weight Jack Knife Rep 35 |
| 738 | phpypa | Phthalate Mec Weight Jack Knife Rep 36 | WTSPH36 | Phthalate Mec Weight Jack Knife Rep 36 |
| 739 | phpypa | Phthalate Mec Weight Jack Knife Rep 37 | WTSPH37 | Phthalate Mec Weight Jack Knife Rep 37 |
| 740 | phpypa | Phthalate Mec Weight Jack Knife Rep 38 | WTSPH38 | Phthalate Mec Weight Jack Knife Rep 38 |
| 741 | phpypa | Phthalate Mec Weight Jack Knife Rep 39 | WTSPH39 | Phthalate Mec Weight Jack Knife Rep 39 |
| 742 | phpypa | Phthalate Mec Weight Jack Knife Rep 40 | WTSPH40 | Phthalate Mec Weight Jack Knife Rep 40 |
| 743 | phpypa | Phthalate Mec Weight Jack Knife Rep 41 | WTSPH41 | Phthalate Mec Weight Jack Knife Rep 41 |
| 744 | phpypa | Phthalate Mec Weight Jack Knife Rep 42 | WTSPH42 | Phthalate Mec Weight Jack Knife Rep 42 |
| 745 | phpypa | Phthalate Mec Weight Jack Knife Rep 43 | WTSPH43 | Phthalate Mec Weight Jack Knife Rep 43 |
| 746 | phpypa | Phthalate Mec Weight Jack Knife Rep 44 | WTSPH44 | Phthalate Mec Weight Jack Knife Rep 44 |
| 747 | phpypa | Phthalate Mec Weight Jack Knife Rep 45 | WTSPH45 | Phthalate Mec Weight Jack Knife Rep 45 |
| 748 | phpypa | Phthalate Mec Weight Jack Knife Rep 46 | WTSPH46 | Phthalate Mec Weight Jack Knife Rep 46 |
| 749 | phpypa | Phthalate Mec Weight Jack Knife Rep 47 | WTSPH47 | Phthalate Mec Weight Jack Knife Rep 47 |
| 750 | phpypa | Phthalate Mec Weight Jack Knife Rep 48 | WTSPH48 | Phthalate Mec Weight Jack Knife Rep 48 |
| 751 | phpypa | Phthalate Mec Weight Jack Knife Rep 49 | WTSPH49 | Phthalate Mec Weight Jack Knife Rep 49 |
| 752 | phpypa | Phthalate Mec Weight Jack Knife Rep 50 | WTSPH50 | Phthalate Mec Weight Jack Knife Rep 50 |
| 753 | phpypa | Phthalate Mec Weight Jack Knife Rep 51 | WTSPH51 | Phthalate Mec Weight Jack Knife Rep 51 |
| 754 | phpypa | Phthalate Mec Weight Jack Knife Rep 52 | WTSPH52 | Phthalate Mec Weight Jack Knife Rep 52 |
| 755 | phpypa | mono-n-butyl phthalate | URXMBP | mono-n-butyl phthalate (ng/mL) |
| 756 | phpypa | mono-cyclohexyl phthalate | URXMCP | mono-cyclohexyl phthalate (ng/mL) |
| 757 | phpypa | mono-ethyl phthalate | URXMEP | mono-ethyl phthalate (ng/mL) |
| 758 | phpypa | mono-(2-ethyl)-hexyl phthalate | URXMHP | mono-(2-ethyl)-hexyl phthalate (ng/mL) |
| 759 | phpypa | mono-isononyl phthalate | URXMNP | mono-isononyl phthalate (ng/mL) |
| 760 | phpypa | mono-n-octyl phthalate | URXMOP | mono-n-octyl phthalate (ng/mL) |
| 761 | phpypa | mono-benzyl phthalate | URXMZP | mono-benzyl phthalate (ng/mL) |
| 762 | phpypa | Daidzein | URXDAZ | Daidzein (ng/mL) |
| 763 | phpypa | o-Desmethylangolensin (O-DMA) | URXDMA | o-Desmethylangolensin (O-DMA) (ng/mL) |
| 764 | phpypa | Equol | URXEQU | Equol (ng/mL) |
| 765 | phpypa | Enterodiol | URXETD | Enterodiol (ng/mL) |
| 766 | phpypa | Enterolactone | URXETL | Enterolactone (ng/mL) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--------------------------------------|-------------|--------------------------------------|
| 767 | phpypa | Genistein | URXGNS | Genistein (ng/mL) |
| 768 | phpypa | 3-fluorene | URXP03 | 3-fluorene (ng/L) |
| 769 | phpypa | 3-fluorene comment code | URDP03LC | 3-fluorene comment code |
| 770 | phpypa | 2-fluorene | URXP04 | 2-fluorene (ng/L) |
| 771 | phpypa | 2-fluorene comment code | URDP04LC | 2-fluorene comment code |
| 772 | phpypa | 3-phenanthrene | URXP05 | 3-phenanthrene (ng/L) |
| 773 | phpypa | 3-phenanthrene comment code | URDP05LC | 3-phenanthrene comment code |
| 774 | phpypa | 1-phenanthrene | URXP06 | 1-phenanthrene (ng/L) |
| 775 | phpypa | 1-phenanthrene comment code | URDP06LC | 1-phenanthrene comment code |
| 776 | phpypa | 2-phenanthrene | URXP07 | 2-phenanthrene (ng/L) |
| 777 | phpypa | 2-phenanthrene comment code | URDP07LC | 2-phenanthrene comment code |
| 778 | phpypa | 1-benzo[c] phenanthrene | URXP08 | 1-benzo[c] phenanthrene (ng/L) |
| 779 | phpypa | 1-benzo[c] phenanthrene comment code | URDP08LC | 1-benzo[c] phenanthrene comment code |
| 780 | phpypa | 3-fluoranthene | URXP09 | 3-fluoranthene (ng/L) |
| 781 | phpypa | 3-fluoranthene comment code | URDP09LC | 3-fluoranthene comment code |
| 782 | phpypa | 1-pyrene | URXP10 | 1-pyrene (ng/L) |
| 783 | phpypa | 1-pyrene comment code | URDP10LC | 1-pyrene comment code |
| 784 | phpypa | 2-benzo[c] phenanthrene | URXP11 | 2-benzo[c] phenanthrene (ng/L) |
| 785 | phpypa | 2-benzo[c] phenanthrene comment code | URDP11LC | 2-benzo[c] phenanthrene comment code |
| 786 | phpypa | 1-benzo[a] anthracene | URXP12 | 1-benzo[a] anthracene (ng/L) |
| 787 | phpypa | 1-benzo[a] anthracene comment code | URDP12LC | 1-benzo[a] anthracene comment code |
| 788 | phpypa | 6-chrysene | URXP13 | 6-chrysene (ng/L) |
| 789 | phpypa | 6-chrysene comment code | URDP13LC | 6-chrysene comment code |
| 790 | phpypa | 3-benzo[c] phenanthrene | URXP14 | 3-benzo[c] phenanthrene (ng/L) |
| 791 | phpypa | 3-benzo[c] phenanthrene comment code | URDP14LC | 3-benzo[c] phenanthrene comment code |
| 792 | phpypa | 3-chrysene | URXP15 | 3-chrysene (ng/L) |
| 793 | phpypa | 3-chrysene comment code | URDP15LC | 3-chrysene comment code |
| 794 | phpypa | 3-benz[a] anthracene | URXP16 | 3-benz[a] anthracene (ng/L) |
| 795 | phpypa | 3-benz[a] anthracene comment code | URDP16LC | 3-benz[a] anthracene comment code |
| 796 | phpypa | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| 797 | uc | Respondent sequence number | SEQN | Respondent sequence number |
| 798 | uc | Pregnancy test result | URXPREG | Pregnancy test result |

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Table B: List of variables sorted alphabetically by "Label"

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|-----------------------------------|-------------|---------------------------------------|
| 1 | lab28poc | 1,2,3,4,6,7,8,9-ocdd | LBXD07 | 1,2,3,4,6,7,8,9-ocdd (fg/g) |
| 2 | lab28poc | 1,2,3,4,6,7,8,9-ocdd comment code | LBDD07LC | 1,2,3,4,6,7,8,9-ocdd comment code |
| 3 | lab28poc | 1,2,3,4,6,7,8,9-ocdd Lipid Adj | LBXD07LA | 1,2,3,4,6,7,8,9-ocdd Lipid Adj (pg/g) |
| 4 | lab28poc | 1,2,3,4,6,7,8,9-ocdf | LBXF10 | 1,2,3,4,6,7,8,9-ocdf (fg/g) |

| Item # | File name | Component | Variable ID | Label |
|----------------------|-----------|--|-------------|--|
| 5 | lab28poc | 1,2,3,4,6,7,8,9-ocdf comment code | LBDF10LC | 1,2,3,4,6,7,8,9-ocdf comment code |
| 6 | lab28poc | 1,2,3,4,6,7,8,9-ocdf Lipid Adj | LBXF10LA | 1,2,3,4,6,7,8,9-ocdf Lipid Adj (pg/g) |
| 7 | lab28poc | 1,2,3,4,6,7,8-hpcdd | LBXD05 | 1,2,3,4,6,7,8-hpcdd (fg/g) |
| 8 | lab28poc | 1,2,3,4,6,7,8-hpcdd comment code | LBDD05LC | 1,2,3,4,6,7,8-hpcdd comment code |
| 9 | lab28poc | 1,2,3,4,6,7,8-hpcdd Lipid Adj | LBXD05LA | 1,2,3,4,6,7,8-hpcdd Lipid Adj (pg/g) |
| 10 | lab28poc | 1,2,3,4,6,7,8-hpcdf | LBXF08 | 1,2,3,4,6,7,8-hpcdf (fg/g) |
| 11 | lab28poc | 1,2,3,4,6,7,8-hpcdf comment code | LBDF08LC | 1,2,3,4,6,7,8-hpcdf comment code |
| 12 | lab28poc | 1,2,3,4,6,7,8-hxcdf Lipid Adj | LBXF08LA | 1,2,3,4,6,7,8-hxcdf Lipid Adj (pg/g) |
| 13 | lab28poc | 1,2,3,4,7,8-hcxdf | LBXF04 | 1,2,3,4,7,8-hcxdf (fg/g) |
| 14 | lab28poc | 1,2,3,4,7,8-hcxdf comment code | LBDF04LC | 1,2,3,4,7,8-hcxdf comment code |
| 15 | lab28poc | 1,2,3,4,7,8-hxcdf Lipid Adj | LBXF04LA | 1,2,3,4,7,8-hxcdf Lipid Adj (pg/g) |
| 16 | lab28poc | 1,2,3,6,7,8-hxcdd | LBXD03 | 1,2,3,6,7,8-hxcdd (fg/g) |
| 17 | lab28poc | 1,2,3,6,7,8-hxcdd comment code | LBDD03LC | 1,2,3,6,7,8-hxcdd comment code |
| 18 | lab28poc | 1,2,3,6,7,8-hxcdd Lipid Adj | LBXD03LA | 1,2,3,6,7,8-hxcdd Lipid Adj (pg/g) |
| 19 | lab28poc | 1,2,3,6,7,8-hxcdf | LBXF05 | 1,2,3,6,7,8-hxcdf (fg/g) |
| 20 | lab28poc | 1,2,3,6,7,8-hxcdf comment code | LBDF05LC | 1,2,3,6,7,8-hxcdf comment code |
| 21 | lab28poc | 1,2,3,6,7,8-hxcdf Lipid Adj | LBXF05LA | 1,2,3,6,7,8-hxcdf Lipid Adj (pg/g) |
| 22 | lab28poc | 1,2,3,7,8,9-hxcdd | LBXD04 | 1,2,3,7,8,9-hxcdd (fg/g) |
| 23 | lab28poc | 1,2,3,7,8,9-hxcdd comment code | LBDD04LC | 1,2,3,7,8,9-hxcdd comment code |
| 24 | lab28poc | 1,2,3,7,8,9-hxcdd Lipid Adj | LBXD04LA | 1,2,3,7,8,9-hxcdd Lipid Adj (pg/g) |
| 25 | lab28poc | 1,2,3,7,8,9-hxcdf | LBXF06 | 1,2,3,7,8,9-hxcdf (fg/g) |
| 26 | lab28poc | 1,2,3,7,8,9-hxcdf comment code | LBDF06LC | 1,2,3,7,8,9-hxcdf comment code |
| 27 | lab28poc | 1,2,3,7,8,9-hxcdf Lipid Adj | LBXF06LA | 1,2,3,7,8,9-hxcdf Lipid Adj (pg/g) |
| 28 | lab28poc | 1,2,3,7,8-pncdd | LBXD01 | 1,2,3,7,8-pncdd (fg/g) |
| 29 | lab28poc | 1,2,3,7,8-pncdd comment code | LBDD01LC | 1,2,3,7,8-pncdd comment code |
| 30 | lab28poc | 1,2,3,7,8-pncdd Lipid Adj | LBXD01LA | 1,2,3,7,8-pncdd Lipid Adj (pg/g) |
| 31 | lab28poc | 1,2,3,7,8-pncdf | LBXF02 | 1,2,3,7,8-pncdf (fg/g) |
| 32 | lab28poc | 1,2,3,7,8-pncdf comment code | LBDF02LC | 1,2,3,7,8-pncdf comment code |
| 33 | lab28poc | 1,2,3,7,8-pncdf Lipid Adj | LBXF02LA | 1,2,3,7,8-pncdf Lipid Adj (pg/g) |
| 34 | lab21 | 1,4-dichlorobenzene (ug/cubic meter) | LBXZDB | 1,4-dichlorobenzene (ug/cubic meter) |
| 35 | lab21 | 1,4-dichlorobenzene comment | LBDZDBLC | 1,4-dichlorobenzene comment |
| 36 | phpypa | 1-benzo[a] anthracene | URXP12 | 1-benzo[a] anthracene (ng/L) |
| 37 | phpypa | 1-benzo[a] anthracene comment code | URDP12LC | 1-benzo[a] anthracene comment code |
| 38 | phpypa | 1-benzo[c] phenanthrene | URXP08 | 1-benzo[c] phenanthrene (ng/L) |
| 39 | phpypa | 1-benzo[c] phenanthrene comment code | URDP08LC | 1-benzo[c] phenanthrene comment code |
| 40 | phpypa | 1-phenanthrene | URXP06 | 1-phenanthrene (ng/L) |
| 41 | phpypa | 1-phenanthrene comment code | URDP06LC | 1-phenanthrene comment code |
| 42 | phpypa | 1-pyrene | URXP10 | 1-pyrene (ng/L) |
| 43 | phpypa | 1-pyrene comment code | URDP10LC | 1-pyrene comment code |
| 44 | lab28poc | 2,3,4,6,7,8-hxcdf | LBXF07 | 2,3,4,6,7,8-hxcdf (fg/g) |
| 45 | lab28poc | 2,3,4,6,7,8-hxcdf comment code | LBDF07LC | 2,3,4,6,7,8-hxcdf comment code |
| 45 46 | lab28poc | 2,3,4,6,7,8-hxcdf Lipid Adj | LBXF07LA | 2,3,4,6,7,8-hxcdf Lipid Adj (pg/g) |
| 47 | lab28poc | 2,3,4,7,8-mcdf | LBXF03 | 2,3,4,0,7,8-incut Lipid Adj (pg/g) 2,3,4,7,8-pncdf (fg/g) |
| 48 | lab28poc | 2,3,4,7,8-pncdf comment code | LBDF03LC | 2,3,4,7,8-prictif (ig/g) 2,3,4,7,8-prictif (ig/g) |
| 49 | lab28poc | 2,3,4,7,8-pncdf Lipid Adj | LBXF03LA | 2,3,4,7,8-prical confinent code 2,3,4,7,8-prical Lipid Adj (pg/g) |
| 4 9 50 | lab28poc | 2,3,4,7,6-pricul Elpiu Auj 2,3,7,8-tcdd | LBXTCD | 2,3,4,7,6-pincar Lipia Adj (pg/g) 2,3,7,8-tcdd (fg/g) |
| 50 | ιαυζομού | 2,0,1,0-toud | LDATOD | 2,3,1,0-10uu (19/9) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|---------------------------------------|-------------|---------------------------------------|
| 51 | lab28poc | 2,3,7,8-tcdd comment code | LBDTCDLC | 2,3,7,8-tcdd comment code |
| 52 | lab28poc | 2,3,7,8-tcdd Lipid Adj | LBXTCDLA | 2,3,7,8-tcdd Lipid Adj (pg/g) |
| 53 | lab28poc | 2,3,7,8-tcdf | LBXF01 | 2,3,7,8-tcdf (fg/g) |
| 54 | lab28poc | 2,3,7,8-tcdf comment code | LBDF01LC | 2,3,7,8-tcdf comment code |
| 55 | lab28poc | 2,3,7,8-tcdf Lipid Adj | LBXF01LA | 2,3,7,8-tcdf Lipid Adj (pg/g) |
| 56 | lab26pp | 2,4,5-T | URX25T | 2,4,5-T (ug/L) |
| 57 | lab26pp | 2,4,5-T comment code | URD25TLC | 2,4,5-T comment code |
| 58 | lab26pp | 2,4,5-trichlorophenol | URX1TB | 2,4,5-trichlorophenol (ug/L) |
| 59 | lab26pp | 2,4,5-trichlorophenol comment code | URD1TBLC | 2,4,5-trichlorophenol comment code |
| 60 | lab26pp | 2,4,6-trichlorophenol | URX3TB | 2,4,6-trichlorophenol (ug/L) |
| 61 | lab26pp | 2,4,6-trichlorophenol comment code | URD3TBLC | 2,4,6-trichlorophenol comment code |
| 62 | lab26pp | 2,4-D | URX24D | 2,4-D (ug/L) |
| 63 | lab26pp | 2,4-D comment code | URD24DLC | 2,4-D comment code |
| 64 | lab26pp | 2,5-dichlorophenol | URX14D | 2,5-dichlorophenol (ug/L) |
| 65 | lab26pp | 2,5-dichlorophenol comment code | URD14DLC | 2,5-dichlorophenol comment code |
| 66 | phpypa | 2-benzo[c] phenanthrene | URXP11 | 2-benzo[c] phenanthrene (ng/L) |
| 67 | phpypa | 2-benzo[c] phenanthrene comment code | URDP11LC | 2-benzo[c] phenanthrene comment code |
| 68 | phpypa | 2-fluorene | URXP04 | 2-fluorene (ng/L) |
| 69 | phpypa | 2-fluorene comment code | URDP04LC | 2-fluorene comment code |
| 70 | lab26pp | 2-isopropoxyphenol | URXPPX | 2-isopropoxyphenol (ug/L) |
| 71 | lab26pp | 2-isopropoxyphenol comment code | URDPPXLC | 2-isopropoxyphenol comment code |
| 72 | phpypa | 2-phenanthrene | URXP07 | 2-phenanthrene (ng/L) |
| 73 | phpypa | 2-phenanthrene comment code | URDP07LC | 2-phenanthrene comment code |
| 74 | lab13am | 2Yr AM(3-11) & fasting (12+) weights | WTSAF2YR | 2Yr AM(3-11) & fasting (12+) weights |
| 75 | lab28poc | 3,3',4,4',5,5'-hxcb | LBXHXC | 3,3',4,4',5,5'-hxcb (fg/g) |
| 76 | lab28poc | 3,3',4,4',5,5'-hxcb comment code | LBDHXCLC | 3,3',4,4',5,5'-hxcb comment code |
| 77 | lab28poc | 3,3',4,4',5,5'-hxcb Lipid Adj | LBXHXCLA | 3,3',4,4',5,5'-hxcb Lipid Adj (pg/g) |
| 78 | lab28poc | 3,3',4,4',5-pcnb Lipid Adj | LBXPCBLA | 3,3',4,4',5-pcnb Lipid Adj (pg/g) |
| 79 | lab28poc | 3,3',4,4',5-pncb | LBXPCB | 3,3',4,4',5-pncb (fg/g) |
| 80 | lab28poc | 3,3',4,4',5-pncb comment code | LBDPCBLC | 3,3',4,4',5-pncb comment code |
| 81 | lab28poc | 3,4,4',5-tcb | LBXTC2 | 3,4,4',5-tcb (fg/g) |
| 82 | lab28poc | 3,4,4',5-tcb comment code | LBDTC2LC | 3,4,4',5-tcb comment code |
| 83 | lab28poc | 3,4,4',5-tcb Lipid Adj | LBXTC2LA | 3,4,4',5-tcb Lipid Adj (pg/g) |
| 84 | lab26pp | 3,5,6-trichloropyridinol | URXCPM | 3,5,6-trichloropyridinol (ug/L) |
| 85 | lab26pp | 3,5,6-trichloropyridinol comment code | URDCPMLC | 3,5,6-trichloropyridinol comment code |
| 86 | phpypa | 3-benzo[c] phenanthrene | URXP14 | 3-benzo[c] phenanthrene (ng/L) |
| 87 | phpypa | 3-benzo[c] phenanthrene comment code | URDP14LC | 3-benzo[c] phenanthrene comment code |
| 88 | phpypa | 3-benz[a] anthracene | URXP16 | 3-benz[a] anthracene (ng/L) |
| 89 | phpypa | 3-benz[a] anthracene comment code | URDP16LC | 3-benz[a] anthracene comment code |
| 90 | phpypa | 3-chrysene | URXP15 | 3-chrysene (ng/L) |
| 91 | phpypa | 3-chrysene comment code | URDP15LC | 3-chrysene comment code |
| 92 | phpypa | 3-fluoranthene | URXP09 | 3-fluoranthene (ng/L) |
| 93 | phpypa | 3-fluoranthene comment code | URDP09LC | 3-fluoranthene comment code |
| 94 | phpypa | 3-fluorene | URXP03 | 3-fluorene (ng/L) |
| 95 | phpypa | 3-fluorene comment code | URDP03LC | 3-fluorene comment code |
| 96 | phpypa | 3-phenanthrene | URXP05 | 3-phenanthrene (ng/L) |

| Item # | File name | Component | Variable ID | Label |
|------------|-----------|--|-------------|--|
| 97 | phpypa | 3-phenanthrene comment code | URDP05LC | 3-phenanthrene comment code |
| 98 | lab26pp | 3-phenoxybenzoic acid (ug/L) | URXOPM | 3-phenoxybenzoic acid (ug/L) |
| 99 | lab26pp | 3-phenoxybenzoic acid comment code | URDOPMLC | 3-phenoxybenzoic acid comment code |
| 100 | lab06hm | 4 Year Weights Lab06HM 1999-2002 | WTSHM4YR | 4 Year Weights Lab06HM 1999-2002 |
| 101 | lab26pp | 4-fluoro-3-phenoxybenzoic acid (ug/L) | URX4FP | 4-fluoro-3-phenoxybenzoic acid (ug/L) |
| 102 | lab13am | 4Yr AM(3-11) & fasting (12+) weights | WTSAF4YR | 4Yr AM(3-11) & fasting (12+) weights |
| 103 | phpypa | 6-chrysene | URXP13 | 6-chrysene (ng/L) |
| 104 | phpypa | 6-chrysene comment code | URDP13LC | 6-chrysene comment code |
| 105 | lab21 | Air fresheners or room deodorizers | VTQ200J | Air fresheners or room deodorizers |
| 106 | lab26pp | Alachor mercapturate | URXALA | Alachor mercapturate (ug/L) |
| 107 | lab26pp | Alachor mercapturate comment code | URDALALC | Alachor mercapturate comment code |
| 108 | lab18 | Albumin | LBDSALSI | Albumin (g/L) |
| 109 | lab18 | Albumin | LBXSAL | Albumin (g/dL) |
| 110 | lab16 | Albumin, urine | URXUMA | Albumin, urine (ug/mL) |
| 111 | lab16 | Albumin, urine | URXUMASI | Albumin, urine (mg/L) SI |
| 112 | ph | Alcohol fast time (hours) | PHAALCHR | Alcohol fast time (hours) |
| 113 | ph | Alcohol fast time (minutes) | PHAALCMN | Alcohol fast time (minutes) |
| 114 | ph | Alcohol, such as beer, wine, or liquor? | PHQ030 | Alcohol, such as beer, wine, or liquor? |
| 115 | lab18 | Alkaline phosphotase | LBXSAPSI | Alkaline phosphotase (U/L) |
| 116 | lab18 | ALT | LBXSATSI | ALT (U/L) |
| 117 | ph | Antacids, laxatives fast time (hours) | PHAANTHR | Antacids, laxatives fast time (hours) |
| 118 | ph | Antacids, laxatives fast time (minutes) | PHAANTMN | Antacids, laxatives fast time (minutes) |
| 119 | ph | Antacids, laxatives, or anti-diarrheals? | PHQ050 | Antacids, laxatives, or anti-diarrheals? |
| 120 | lab06hm | Antimony, urine | URXUSB | Antimony, urine (ng/mL) |
| 121 | lab18 | AST | LBXSASSI | AST (U/L) |
| 122 | lab26pp | Atrazine mercapturate | URXATZ | Atrazine mercapturate (ug/L) |
| 123 | lab26pp | Atrazine mercapturate comment code | URDATZLC | Atrazine mercapturate comment code |
| 124 | lab28poc | B-hexachlorocyclohexane Lipid Adj (ng/g) | LBDBHCLA | B-hexachlorocyclohexane Lipid Adj (ng/g) |
| 125 | lab06hm | Barium, urine | URXUBA | Barium, urine (ng/mL) |
| 126 | lab25 | Basophils number | LBDBANO | Basophils number |
| 127 | lab25 | Basophils percent | LBXBAPCT | Basophils percent (%) |
| 128 | lab21 | Benzene (ug/cubic meter) | LBXZBZ | Benzene (ug/cubic meter) |
| 129 | lab21 | Benzene comment | LBDZBZLC | Benzene comment |
| 130 | lab06hm | Beryllium, urine | URXUBE | Beryllium, urine (ng/mL) |
| 131 | lab28poc | Beta-hexachlorocyclohexane (ng/g) | LBDBHC | Beta-hexachlorocyclohexane (ng/g) |
| 132 | lab28poc | Beta-hexachlorocyclohexane comment code | LBDBHCLC | Beta-hexachlorocyclohexane comment code |
| 133 | lab18 | Bicarbonate | LBXSC3SI | Bicarbonate (mmol/L) |
| 134 | lab18 | Bilirubin, total | LBDSTBSI | Bilirubin, total (umol/L) |
| 135 | lab18 | Bilirubin, total | LBXSTB | Bilirubin, total (mg/dL) |
| 136 | lab04 | Blood 1,1,1-Trichloroethene (ng/ml) | LBXV3A | Blood 1,1,1-Trichloroethene (ng/ml) |
| 137 | lab04 | Blood 1,1,1-Trichloroethene Comment Code | LBDV3ALC | Blood 1,1,1-Trichloroethene Comment Code |
| 138 | lab04 | Blood 1,4-Dichlorobenzene (ng/ml) | LBXVDB | Blood 1,4-Dichlorobenzene (ng/ml) |
| 139 | lab04 | Blood 1,4-Dichlorobenzene Comment Code | LBDVDBLC | Blood 1,4-Dichlorobenzene Comment Code |
| 140 | lab04 | Blood Benzene (ng/ml) | LBXVBZ | Blood Benzene (ng/ml) |
| 141 142 | lab04 | Blood Benzene Comment Code | LBDVBZLC | Blood Benzene Comment Code |
| | lab04 | Blood Bromodichloromethane (pg/ml) | LBXVBM | Blood Bromodichloromethane (pg/ml) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|---|-------------|---|
| 143 | lab04 | Blood Bromodichloromethane Comment Code | LBDVBMLC | Blood Bromodichloromethane Comment Code |
| 144 | lab04 | Blood Bromoform (pg/ml) | LBXVBF | Blood Bromoform (pg/ml) |
| 145 | lab04 | Blood Bromoform Comment Code | LBDVBFLC | Blood Bromoform Comment Code |
| 146 | lab04 | Blood Carbon Tetrachloride (ng/ml) | LBXVCT | Blood Carbon Tetrachloride (ng/ml) |
| 147 | lab04 | Blood Carbon Tetrachloride Comment Code | LBDVCTLC | Blood Carbon Tetrachloride Comment Code |
| 148 | lab04 | Blood Chloroform (pg/ml) | LBXVCF | Blood Chloroform (pg/ml) |
| 149 | lab04 | Blood Chloroform Comment Code | LBDVCFLC | Blood Chloroform Comment Code |
| 150 | lab04 | Blood Dibromochloromethane (pg/ml) | LBXVCM | Blood Dibromochloromethane (pg/ml) |
| 151 | lab04 | Blood Dibromochloromethane Comment Code | LBDVCMLC | Blood Dibromochloromethane Comment Code |
| 152 | lab04 | Blood Ethylbenzene (ng/ml) | LBXVEB | Blood Ethylbenzene (ng/ml) |
| 153 | lab04 | Blood Ethylbenzene Comment Code | LBDVEBLC | Blood Ethylbenzene Comment Code |
| 154 | lab04 | Blood m-/p-Xylene (ng/ml) | LBXVXY | Blood m-/p-Xylene (ng/ml) |
| 155 | lab04 | Blood m-/p-Xylene Comment Code | LBDVXYLC | Blood m-/p-Xylene Comment Code |
| 156 | lab04 | Blood MTBE (pg/ml) | LBXVME | Blood MTBE (pg/ml) |
| 157 | lab04 | Blood MTBE Comment Code | LBDVMELC | Blood MTBE Comment Code |
| 158 | lab04 | Blood o-Xylene (ng/ml) | LBXVOX | Blood o-Xylene (ng/ml) |
| 159 | lab04 | Blood o-Xylene Comment Code | LBDVOXLC | Blood o-Xylene Comment Code |
| 160 | lab04 | Blood Styrene (ng/ml) | LBXVST | Blood Styrene (ng/ml) |
| 161 | lab04 | Blood Styrene Comment Code | LBDVSTLC | Blood Styrene Comment Code |
| 162 | lab04 | Blood Tetrachloroethene (ng/ml) | LBXV4C | Blood Tetrachloroethene (ng/ml) |
| 163 | lab04 | Blood Tetrachloroethene Comment Code | LBDV4CLC | Blood Tetrachloroethene Comment Code |
| 164 | lab04 | Blood Toluene (ng/ml) | LBXVTO | Blood Toluene (ng/ml) |
| 165 | lab04 | Blood Toluene Comment Code | LBDVTOLC | Blood Toluene Comment Code |
| 166 | lab04 | Blood Trichloroethene (ng/ml) | LBXVTC | Blood Trichloroethene (ng/ml) |
| 167 | lab04 | Blood Trichloroethene Comment Code | LBDVTCLC | Blood Trichloroethene Comment Code |
| 168 | lab18 | Blood urea nitrogen | LBDSBUSI | Blood urea nitrogen (mmol/L) |
| 169 | lab18 | Blood urea nitrogen | LBXSBU | Blood urea nitrogen (mg/dL) |
| 170 | lab11 | Bone alkaline phosphotase | LBXBAP | Bone alkaline phosphotase (ug/L) |
| 171 | lab10am | C-peptide | LBXCPSI | C-peptide: SI(nmol/L) |
| 172 | lab11 | C-reactive protein | LBXCRP | C-reactive protein(mg/dL) |
| 173 | lab06 | Cadmium, Blood | LBDBCDSI | Cadmium (umol/L) |
| 174 | lab06 | Cadmium, Blood | LBXBCD | Cadmium (ug/L) |
| 175 | lab06hm | Cadmium, urine | URDUCD | Cadmium, urine (ng/mL) |
| 176 | lab26pp | Carbofuranphenol | URXCBF | Carbofuranphenol (ug/L) |
| 177 | lab26pp | Carbofuranphenol comment code | URDCBFLC | Carbofuranphenol comment code |
| 178 | lab20 | Carpet pile depth | DCQ090 | Carpet pile depth |
| 179 | lab03 | CD4 counts (cells/mm3) | LBXCD4 | CD4 counts (cells/mm3) |
| 180 | lab03 | CD8 counts (cells/mm3) | LBXCD8 | CD8 counts (cells/mm3) |
| 181 | lab06hm | Cesium, urine | URXUCS | Cesium, urine (ng/mL) |
| 182 | lab05 | Chlamydia, urine | URXUCL | Chlamydia, urine |
| 183 | lab18 | Chloride | LBXSCLSI | Chloride (mmol/L) |
| 184 | lab21 | Chloroform (ug/cubic meter) | LBXZCF | Chloroform (ug/cubic meter) |
| 185 | lab21 | Chloroform comment | LBDZCFLC | Chloroform comment |
| 186 | lab26pp | cis dichlorovnl-dimeth carboacid (ug/L) | URXCCC | cis dichlorovnl-dimeth carboacid (ug/L) |
| 187 | lab26pp | cis dichlorovnl-dimeth carboacid code | URDCCCLC | cis dichlorovnl-dimeth carboacid code |
| 188 | lab06hm | Cobalt, urine | URXUCO | Cobalt, urine (ng/mL) |

| 1980 ph Coffee or tea with cream or sugar? PHOCOFIR Coffee or tea with cream or sugar? | Item # | File name | Component | Variable ID | Label |
|--|--------|---|---|-------------|---|
| 191 | 189 | ph | Coffee or tea with cream or sugar? | PHQ020 | Coffee or tea with cream or sugar? |
| 1922 18-066 | 190 | ph | Coffee/tea fast time (hours) | PHACOFHR | Coffee/tea fast time (hours) |
| 193 lab06 Cotinie (LEXCOT Cotinie (ng/mL) 194 lab18 Creatinie, serum LBDSCRSI Creatinie (morUL) 195 lab18 Creatinie, serum LBDSCRSI Creatinie (mg/mL) 196 lab08m Creatinie, urine URXUCR Creatinie, urine (mg/mL) 197 lab16 Creatinie, urine URXUCR Creatinie, urine (mg/mL) 198 lab16 Creatinie, urine URXUCR Creatinie, urine (mg/mL) 199 lab16 Creatinie, urine URXUCR Creatinie, urine (mg/mL) 200 phyppa Creatinie, urine URXUCR Creatinie, urine (mg/mL) 201 lab17 Cryptosporidum LBDC2 Cryptosporidum (27kDA) 202 lab17 Cryptosporidum LBDC2 Cryptosporidum (27kDA) 203 phyppa Daidzein URXDCR Destroine, urine (mg/mL) 204 lab26pp DEET URXDCE DEET (mg/mL) 205 lab26pp DEET URXDCE DEET (mg/mL) 206 lab26p DEET URXDCE DEET (mg/mL) 207 lab26pp DEET Omment code URDDEELC DEET comment code 206 lab21 Description of street where you live V7G050 Description of street where you live dibromovinyl-dimeth proc parboacid code URCDESIAC dibromovinyl-dimeth proc parboacid (mg/mL) 209 lab21 Diseate flee for kerosene VTQ200G Description of street where you live dibromovinyl-dimeth proc parboacid (mg/mL) 210 ph Dietary supplements fast time (hours) PHASUPHR Dietary supplements fast time (hours) 211 ph Dietary supplements fast time (minutes) 212 ph Dietary supplements fast time (minutes) 213 lab28pp Diethyldfiniphosphate URXOP4 Diethyldfiniphosphate (ug/L) 214 lab28pp Diethyldfiniphosphate URXOP3 Diethyldfiniphosphate (ug/L) 215 lab28pp Diethyldfiniphosphate URXOP4 Diethyldfiniphosphate (ug/L) 216 lab28pp Diethyldfiniphosphate URXOP4 Diethyldfiniphosphate (ug/L) 217 lab28pp Diethyldfiniphosphate URXOP3 Diethyldfiniphosphate (ug/L) 218 lab28pp Diethyldfiniphosphate URXOP3 Diethyldfiniphosphate (ug/L) 219 lab28 | 191 | ph | Coffee/tea fast time (minutes) | PHACOFMN | Coffee/tea fast time (minutes) |
| Iab18 | 192 | lab06 | Cotinine | LBDCOTSI | Cotinine (nmol/L) |
| Iab18 Creatinine, serum | 193 | lab06 | Cotinine | LBXCOT | Cotinine (ng/mL) |
| 1866 lab06hm | 194 | lab18 | Creatinine, serum | LBDSCRSI | Creatinine (umol/L) |
| 197 | 195 | lab18 | Creatinine, serum | LBXSCR | Creatinine (mg/dL) |
| 198 lab16 Creatinine, urine URXUCRS Creatinine, urine (umolul.) | 196 | lab06hm | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| 199 Iab26pp Creatinine, urine URXUCR Creatinine, urine (mg/dL) | 197 | lab16 | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| 200 phyyis Creatinine, urine URXUCR Creatinine, urine (mg/dL) | 198 | lab16 | Creatinine, urine | URXUCRSI | Creatinine, urine (umol/L) |
| 201 lab17 Cryptosporidium | 199 | lab26pp | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| 202 lab17 Cryptosporidium LBDC2 Cryptosporidium (27kDA) | 200 | phpypa | Creatinine, urine | URXUCR | Creatinine, urine (mg/dL) |
| phypa Daidzein URXDAZ Daidzein (ng/mL) 204 lab26pp DEET URXDEE DEET (ug/L) 205 lab26pp DEET comment code URDDEELC DEET (ug/L) 206 lab21 Description of street where you live VTQ050 Description of street where you live VTQ050 Description of street where you live dibromovinyl-dimeth prop carboacid code URDCB3LC dibromovinyl-dimeth prop carboacid code URDCB3LC dibromovinyl-dimeth prop carboacid (ug/L) 209 lab21 Diesel fuel or kerosene VTQ200G Diesel fuel or kerosene 210 ph Dietary supplements fast time (hours) 211 ph Dietary supplements fast time (mointles) 212 ph Dietary supplements fast time (minutes) 213 lab26pp Diethyldithiophosphate URXOP6 Dietary supplements? 214 lab26pp Diethyldithiophosphate URXOP6 Diethyldithiophosphate (ug/L) 215 lab26pp Diethyldithiophosphate URXOP6 Diethyldithiophosphate (ug/L) 216 lab26pp Diethyldithiophosphate URXOP4 Diethyldithiophosphate (ug/L) 217 lab26pp Dimethyldithiophosphate URXOP4 Diethyldithiophosphate (ug/L) 218 lab26pp Dimethyldithiophosphate URXOP5 Dimethyldithiophosphate (ug/L) 219 lab28poc Dioxins Mec Weight Jack Knife Rep 01 WTSPO01 Dioxins Mec Weight Jack Knife Rep 01 Dioxins Mec Weight Jack Knife Rep 02 Dioxins Mec Weight Jack Knife Rep 02 Dioxins Mec Weight Jack Knife Rep 04 WTSPO04 Dioxins Mec Weight Jack Knife Rep 04 WTSPO04 Dioxins Mec Weight Jack Knife Rep 05 Dioxins Mec Weight Jack Knife Rep 06 Dioxins Mec Weight Jack Knife Rep 07 Dioxins Mec Weight Jack Knife Rep 07 Dioxins Mec Weight Jack Knife Rep 08 Dioxins Mec Weight Jack Knife Rep 09 | 201 | lab17 | Cryptosporidium | LBDC1 | Cryptosporidium (17kDA) |
| 204 lab28pp DEET URXDEE DEET (ug/L) 205 lab28pp DEET comment code 206 lab21 Description of street where you live 207 lab28pp dibromovinyl-dimeth prop carboacid code 208 lab28pp dibromovinyl-dimeth prop carboacid (ug/L) 209 lab21 Dissel fuel or kerosene 210 ph Dietary supplements fast time (hours) 211 ph Dietary supplements fast time (initutes) 212 ph Dietary supplements fast time (initutes) 213 lab28pp Diethylihiophosphate 214 lab28pp Diethylihiophosphate 215 Diethylihiophosphate 216 lab28pp Diethylihiophosphate 217 lab28pp Diethylihiophosphate 218 lab28pp Diethylihiophosphate 219 Diethylihiophosphate 210 ph Dietary supplements? 211 ph Dietary supplements? 212 ph Diethylihiophosphate 213 lab28pp Diethylihiophosphate 214 lab28pp Diethylihiophosphate 215 lab28pp Diethylihiophosphate 216 lab28pp Diethylihiophosphate 217 lab28pp Dimethylihiophosphate 218 lab28pp Dimethylihiophosphate 219 URXOP2 210 lab28pp Dimethylihiophosphate 210 URXOP3 211 lab28pp Dimethylihiophosphate 212 lab28pp Dimethylihiophosphate 213 lab28pp Dimethylihiophosphate 214 lab28pp Dimethylihiophosphate 215 lab28pp Dimethylihiophosphate 216 lab28pp Dimethylihiophosphate 217 lab28pp Dimethylihiophosphate 218 lab28pp Dimethylihiophosphate 219 URXOP3 Dimethylihiophosphate 220 lab28poc Dioxins Mec Weight Jack Knife Rep 01 220 lab28poc Dioxins Mec Weight Jack Knife Rep 03 221 lab28poc Dioxins Mec Weight Jack Knife Rep 03 222 lab28poc Dioxins Mec Weight Jack Knife Rep 04 223 lab28poc Dioxins Mec Weight Jack Knife Rep 06 224 lab28poc Dioxins Mec Weight Jack Knife Rep 07 226 lab28poc Dioxins Mec Weight Jack Knife Rep 08 227 lab28poc Dioxins Mec Weight Jack Knife Rep 09 228 lab28poc Dioxins Mec Weight Jack Knife Rep 09 229 lab28poc Dioxins Mec Weight Jack Knife Rep 09 220 lab28poc Dioxins Mec Weight Jack Knife Rep 09 221 lab28poc Dioxins Mec Weight Jack Knife Rep 09 222 lab28poc Dioxins Mec Weight Jack Knife Rep 09 223 lab28poc Dioxins Mec Weight Jack Knife Rep 09 224 lab28poc Dioxins Mec Weight Jack Knife Rep 09 225 lab28poc Dioxins Mec Weight Jack Knife | 202 | lab17 | Cryptosporidium | LBDC2 | Cryptosporidium (27kDA) |
| 205 lab28pp DEET comment code 206 lab21 Description of street where you live 207 lab28pp dibromovinyl-dimeth prop carboacid code 208 lab28pp dibromovinyl-dimeth prop carboacid code 208 lab28pp dibromovinyl-dimeth prop carboacid (ug/L) 209 lab21 Diesd fuel or kerosene 210 ph Dietary supplements fast time (minutes) 211 ph Dietary supplements fast time (minutes) 212 ph Dietary supplements fast time (minutes) 213 ph Dietary supplements fast time (minutes) 214 ph Dietary supplements fast time (minutes) 215 ph Dietary supplements fast time (minutes) 216 ph Dietary supplements fast time (minutes) 217 ph Dietary supplements fast time (minutes) 218 ph Dietary supplements fast time (minutes) 219 ph Dietary supplements fast time (minutes) 210 ph Dietary supplements fast time (minutes) 211 ph Dietary supplements fast time (minutes) 212 ph Dietary supplements fast time (minutes) 213 lab28pp Diethyldithiophosphate 214 lab28pp Diethyldithiophosphate 215 lab28pp Diethyldithiophosphate 216 lab28pp Diethyldithiophosphate 217 lab28pp Diethyldithiophosphate 218 lab28pp Diethyldithiophosphate 219 lab28pp Diethyldithiophosphate 210 lab28pp Diethyldithiophosphate 211 lab28pp Diethyldithiophosphate 212 lab28pp Diethyldithiophosphate 213 lab28pp Diethyldithiophosphate 214 lab28pp Diethyldithiophosphate 215 lab28pp Diethyldithiophosphate 216 lab28pp Diethyldithiophosphate 217 lab28pp Diethyldithiophosphate 218 lab28pp Dioxins Mec Weight Jack Knife Rep 01 229 lab28poc Dioxins Mec Weight Jack Knife Rep 02 231 lab28pp Dioxins Mec Weight Jack Knife Rep 03 242 lab28pp Dioxins Mec Weight Jack Knife Rep 03 243 lab28pp Dioxins Mec Weight Jack Knife Rep 04 244 lab28pp Dioxins Mec Weight Jack Knife Rep 05 245 lab28pp Dioxins Mec Weight Jack Knife Rep 06 246 lab28pp Dioxins Mec Weight Jack Knife Rep 07 256 lab28pp Dioxins Mec Weight Jack Knife Rep 07 257 lab28pp Dioxins Mec Weight Jack Knife Rep 08 258 lab28pp Dioxins Mec Weight Jack Knife Rep 09 259 lab28pp Dioxins Mec Weight Jack Knife Rep 09 260 loxins Mec Weight Jack Knife Rep 09 270 loxins Me | 203 | phpypa | Daidzein | URXDAZ | Daidzein (ng/mL) |
| Description of street where you live VTQ650 Description of street where you live dibromovinyl-dimeth prop carboacid code URDC83LC dibromovinyl-dimeth prop carboacid (ug/L) URXCB3 dibromovinyl-dimeth prop carboacid (ug/L) Diesel fuel or kerosene VTQ200G Diesel fuel or kerosene URXCP6 Dietary supplements fast time (hours) PHASUPHR Dietary supplements fast time (hours) Dietary supplements fast time (minutes) PHASUPHR Dietary supplements fast time (minutes) Dietary supplements fast | 204 | lab26pp | DEET | URXDEE | DEET (ug/L) |
| 207 lab26pp dibromovinyl-dimeth prop carboacid code URDCB3LC dibromovinyl-dimeth prop carboacid code 208 lab26pp dibromovinyl-dimeth prop carboacid(ug/L) URXCB3 dibromovinyl-dimeth prop carboacid(ug/L) Disest fuel or kerosene VTQ200G Diset fuel or kerosene VTQ20G Diset fuel or kerosene VTQ20G Diset fuel fuel or kerosene VTQ20G Diset fuel fuel or kerosene VTQ20G Diset fuel or kerosene VTQ20G Diset fuel or kerosene VTQ20G Diset fuel fuel or kerosene VTQ20G Diset fuel fuel or kerosene VTQ20G Diset fuel (ug/L) Diset fuel fuel or kerosene VTQ20G Diset fuel (ug/L) Diset fuel fuel or kerosene VTQ20G Diset fuel fuel fuel fuel fuel fuel fuel fuel | 205 | lab26pp | DEET comment code | URDDEELC | DEET comment code |
| 208 lab26pp dibromovinyl-dimeth prop carboacid(ug/L) URXCB3 dibromovinyl-dimeth prop carboacid(ug/L) 209 lab21 Diesel fuel or kerosene VTQ200G Diesel fuel or kerosene VTQ20D Diesel fuel fuel or kerosene VTQ20D Diesel fuel fuel or kerosene VTQ20D Diesel fuel fuel fuel fuel or kerosene VTQ20D Diesel fuel fuel fuel fuel fuel fuel fuel fu | | lab21 | Description of street where you live | | Description of street where you live |
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| 212 ph Dietary supplements? PHQ060 Dietary supplements? 213 lab26pp Diethyldithiophosphate URXOP6 Diethyldithiophosphate (ug/L) 214 lab26pp Diethylphosphate URXOP2 Diethylphosphate (ug/L) 215 lab26pp Diethylthiophosphate URXOP4 Diethylphosphate (ug/L) 216 lab26pp Dimethyldithiophosphate URXOP5 Dimethyldithiophosphate (ug/L) 217 lab26pp Dimethyldithiophosphate URXOP5 Dimethyldithiophosphate (ug/L) 218 lab26pp Dimethylphosphate URXOP1 Dimethylphosphate (ug/L) 219 lab28poc Dioxins Mec Weight Jack Knife Rep 01 WTSPO01 Dioxins Mec Weight Jack Knife Rep 01 220 lab28poc Dioxins Mec Weight Jack Knife Rep 02 WTSPO02 Dioxins Mec Weight Jack Knife Rep 02 221 lab28poc Dioxins Mec Weight Jack Knife Rep 03 WTSPO03 Dioxins Mec Weight Jack Knife Rep 03 222 lab28poc Dioxins Mec Weight Jack Knife Rep 04 WTSPO04 Dioxins Mec Weight Jack Knife Rep 04 223 lab28poc Dioxins Mec Weight Jack Knife Rep 05 WTSPO05 Dioxins Mec Weight Jack Knife Rep 06 224 lab28poc Dioxins Mec Weight Jack Knife Rep 06 WTSPO06 Dioxins Mec Weight Jack Knife Rep 05 224 lab28poc Dioxins Mec Weight Jack Knife Rep 06 WTSPO06 Dioxins Mec Weight Jack Knife Rep 06 225 lab28poc Dioxins Mec Weight Jack Knife Rep 07 WTSPO06 Dioxins Mec Weight Jack Knife Rep 06 225 lab28poc Dioxins Mec Weight Jack Knife Rep 07 WTSPO06 Dioxins Mec Weight Jack Knife Rep 07 226 lab28poc Dioxins Mec Weight Jack Knife Rep 08 WTSPO08 Dioxins Mec Weight Jack Knife Rep 08 227 lab28poc Dioxins Mec Weight Jack Knife Rep 09 WTSPO09 Dioxins Mec Weight Jack Knife Rep 09 228 lab28poc Dioxins Mec Weight Jack Knife Rep 10 WTSPO01 Dioxins Mec Weight Jack Knife Rep 11 230 lab28poc Dioxins Mec Weight Jack Knife Rep 11 WTSPO11 Dioxins Mec Weight Jack Knife Rep 11 231 lab28poc Dioxins Mec Weight Jack Knife Rep 13 Dioxins Mec Weight Jack Knife Rep 14 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 Dioxins Mec Weight Jack Knife Rep 15 | | • | • | | • |
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| 220 lab28poc Dioxins Mec Weight Jack Knife Rep 02 WTSPO02 Dioxins Mec Weight Jack Knife Rep 02 | | | , | | , |
| 221 lab28poc Dioxins Mec Weight Jack Knife Rep 03 WTSPO03 Dioxins Mec Weight Jack Knife Rep 03 222 lab28poc Dioxins Mec Weight Jack Knife Rep 04 WTSPO04 Dioxins Mec Weight Jack Knife Rep 04 223 lab28poc Dioxins Mec Weight Jack Knife Rep 05 WTSPO05 Dioxins Mec Weight Jack Knife Rep 05 224 lab28poc Dioxins Mec Weight Jack Knife Rep 06 WTSPO06 Dioxins Mec Weight Jack Knife Rep 06 225 lab28poc Dioxins Mec Weight Jack Knife Rep 07 WTSPO07 Dioxins Mec Weight Jack Knife Rep 07 226 lab28poc Dioxins Mec Weight Jack Knife Rep 08 WTSPO08 Dioxins Mec Weight Jack Knife Rep 08 227 lab28poc Dioxins Mec Weight Jack Knife Rep 09 WTSPO09 Dioxins Mec Weight Jack Knife Rep 09 228 lab28poc Dioxins Mec Weight Jack Knife Rep 10 WTSPO10 Dioxins Mec Weight Jack Knife Rep 10 229 lab28poc Dioxins Mec Weight Jack Knife Rep 11 230 lab28poc Dioxins Mec Weight Jack Knife Rep 12 231 lab28poc Dioxins Mec Weight Jack Knife Rep 13 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 233 lab28poc Dioxins Mec Weight Jack Knife Rep 15 | | • | | | • |
| 222lab28pocDioxins Mec Weight Jack Knife Rep 04WTSPO04Dioxins Mec Weight Jack Knife Rep 04223lab28pocDioxins Mec Weight Jack Knife Rep 05WTSPO05Dioxins Mec Weight Jack Knife Rep 05224lab28pocDioxins Mec Weight Jack Knife Rep 06WTSPO06Dioxins Mec Weight Jack Knife Rep 06225lab28pocDioxins Mec Weight Jack Knife Rep 07WTSPO07Dioxins Mec Weight Jack Knife Rep 07226lab28pocDioxins Mec Weight Jack Knife Rep 08WTSPO08Dioxins Mec Weight Jack Knife Rep 08227lab28pocDioxins Mec Weight Jack Knife Rep 09WTSPO09Dioxins Mec Weight Jack Knife Rep 09228lab28pocDioxins Mec Weight Jack Knife Rep 10WTSPO10Dioxins Mec Weight Jack Knife Rep 10229lab28pocDioxins Mec Weight Jack Knife Rep 11WTSPO11Dioxins Mec Weight Jack Knife Rep 11230lab28pocDioxins Mec Weight Jack Knife Rep 12WTSPO12Dioxins Mec Weight Jack Knife Rep 12231lab28pocDioxins Mec Weight Jack Knife Rep 13WTSPO13Dioxins Mec Weight Jack Knife Rep 13232lab28pocDioxins Mec Weight Jack Knife Rep 14WTSPO14Dioxins Mec Weight Jack Knife Rep 14233lab28pocDioxins Mec Weight Jack Knife Rep 15WTSPO15Dioxins Mec Weight Jack Knife Rep 15 | | • | | | |
| 223lab28pocDioxins Mec Weight Jack Knife Rep 05WTSPO05Dioxins Mec Weight Jack Knife Rep 05224lab28pocDioxins Mec Weight Jack Knife Rep 06WTSPO06Dioxins Mec Weight Jack Knife Rep 06225lab28pocDioxins Mec Weight Jack Knife Rep 07WTSPO07Dioxins Mec Weight Jack Knife Rep 07226lab28pocDioxins Mec Weight Jack Knife Rep 08WTSPO08Dioxins Mec Weight Jack Knife Rep 08227lab28pocDioxins Mec Weight Jack Knife Rep 09WTSPO09Dioxins Mec Weight Jack Knife Rep 09228lab28pocDioxins Mec Weight Jack Knife Rep 10WTSPO10Dioxins Mec Weight Jack Knife Rep 10229lab28pocDioxins Mec Weight Jack Knife Rep 11WTSPO11Dioxins Mec Weight Jack Knife Rep 11230lab28pocDioxins Mec Weight Jack Knife Rep 12WTSPO12Dioxins Mec Weight Jack Knife Rep 12231lab28pocDioxins Mec Weight Jack Knife Rep 13WTSPO13Dioxins Mec Weight Jack Knife Rep 13232lab28pocDioxins Mec Weight Jack Knife Rep 14WTSPO14Dioxins Mec Weight Jack Knife Rep 14233lab28pocDioxins Mec Weight Jack Knife Rep 15WTSPO15Dioxins Mec Weight Jack Knife Rep 15 | | • | | | · |
| 224 lab28poc Dioxins Mec Weight Jack Knife Rep 06 225 lab28poc Dioxins Mec Weight Jack Knife Rep 07 226 lab28poc Dioxins Mec Weight Jack Knife Rep 08 227 lab28poc Dioxins Mec Weight Jack Knife Rep 09 228 lab28poc Dioxins Mec Weight Jack Knife Rep 10 229 lab28poc Dioxins Mec Weight Jack Knife Rep 11 230 lab28poc Dioxins Mec Weight Jack Knife Rep 12 231 lab28poc Dioxins Mec Weight Jack Knife Rep 13 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 233 lab28poc Dioxins Mec Weight Jack Knife Rep 14 234 lab28poc Dioxins Mec Weight Jack Knife Rep 15 255 Dioxins Mec Weight Jack Knife Rep 15 266 WTSPO07 275 Dioxins Mec Weight Jack Knife Rep 08 276 WTSPO08 277 Dioxins Mec Weight Jack Knife Rep 09 278 Dioxins Mec Weight Jack Knife Rep 10 279 Dioxins Mec Weight Jack Knife Rep 11 280 Dioxins Mec Weight Jack Knife Rep 12 281 Dioxins Mec Weight Jack Knife Rep 13 282 Dioxins Mec Weight Jack Knife Rep 14 283 Dioxins Mec Weight Jack Knife Rep 15 284 Dioxins Mec Weight Jack Knife Rep 15 | | • | | | · · · · · · · · · · · · · · · · · · · |
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| 226 lab28poc Dioxins Mec Weight Jack Knife Rep 08 227 lab28poc Dioxins Mec Weight Jack Knife Rep 09 228 lab28poc Dioxins Mec Weight Jack Knife Rep 10 229 lab28poc Dioxins Mec Weight Jack Knife Rep 11 230 lab28poc Dioxins Mec Weight Jack Knife Rep 12 231 lab28poc Dioxins Mec Weight Jack Knife Rep 13 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 233 lab28poc Dioxins Mec Weight Jack Knife Rep 14 234 lab28poc Dioxins Mec Weight Jack Knife Rep 15 235 lab28poc Dioxins Mec Weight Jack Knife Rep 15 236 lab28poc Dioxins Mec Weight Jack Knife Rep 15 237 lab28poc Dioxins Mec Weight Jack Knife Rep 14 238 lab28poc Dioxins Mec Weight Jack Knife Rep 15 239 lab28poc Dioxins Mec Weight Jack Knife Rep 15 230 lab28poc Dioxins Mec Weight Jack Knife Rep 15 230 lab28poc Dioxins Mec Weight Jack Knife Rep 15 | | • | | | • |
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| 229Iab28pocDioxins Mec Weight Jack Knife Rep 11WTSPO11Dioxins Mec Weight Jack Knife Rep 11230Iab28pocDioxins Mec Weight Jack Knife Rep 12WTSPO12Dioxins Mec Weight Jack Knife Rep 12231Iab28pocDioxins Mec Weight Jack Knife Rep 13WTSPO13Dioxins Mec Weight Jack Knife Rep 13232Iab28pocDioxins Mec Weight Jack Knife Rep 14WTSPO14Dioxins Mec Weight Jack Knife Rep 14233Iab28pocDioxins Mec Weight Jack Knife Rep 15WTSPO15Dioxins Mec Weight Jack Knife Rep 15 | | • | | | • |
| 230 lab28poc Dioxins Mec Weight Jack Knife Rep 12 WTSPO12 Dioxins Mec Weight Jack Knife Rep 12 231 lab28poc Dioxins Mec Weight Jack Knife Rep 13 WTSPO13 Dioxins Mec Weight Jack Knife Rep 13 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 WTSPO14 Dioxins Mec Weight Jack Knife Rep 14 233 lab28poc Dioxins Mec Weight Jack Knife Rep 15 WTSPO15 Dioxins Mec Weight Jack Knife Rep 15 | | • | | | |
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| 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 WTSPO14 Dioxins Mec Weight Jack Knife Rep 14 233 lab28poc Dioxins Mec Weight Jack Knife Rep 15 WTSPO15 Dioxins Mec Weight Jack Knife Rep 15 | | • | | | • |
| 233 lab28poc Dioxins Mec Weight Jack Knife Rep 15 WTSPO15 Dioxins Mec Weight Jack Knife Rep 15 | | • | | | |
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| 234 Iab28poc Dioxins Mec Weight Jack Knife Rep 16 WTSPO16 Dioxins Mec Weight Jack Knife Rep 16 | | • | | | |
| | 234 | lab28poc | Dioxins Mec Weight Jack Knife Rep 16 | WTSPO16 | Dioxins Mec Weight Jack Knife Rep 16 |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--------------------------------------|-------------|--------------------------------------|
| 235 | lab28poc | Dioxins Mec Weight Jack Knife Rep 17 | WTSPO17 | Dioxins Mec Weight Jack Knife Rep 17 |
| 236 | lab28poc | Dioxins Mec Weight Jack Knife Rep 18 | WTSPO18 | Dioxins Mec Weight Jack Knife Rep 18 |
| 237 | lab28poc | Dioxins Mec Weight Jack Knife Rep 19 | WTSPO19 | Dioxins Mec Weight Jack Knife Rep 19 |
| 238 | lab28poc | Dioxins Mec Weight Jack Knife Rep 20 | WTSPO20 | Dioxins Mec Weight Jack Knife Rep 20 |
| 239 | lab28poc | Dioxins Mec Weight Jack Knife Rep 21 | WTSPO21 | Dioxins Mec Weight Jack Knife Rep 21 |
| 240 | lab28poc | Dioxins Mec Weight Jack Knife Rep 22 | WTSPO22 | Dioxins Mec Weight Jack Knife Rep 22 |
| 241 | lab28poc | Dioxins Mec Weight Jack Knife Rep 23 | WTSPO23 | Dioxins Mec Weight Jack Knife Rep 23 |
| 242 | lab28poc | Dioxins Mec Weight Jack Knife Rep 24 | WTSPO24 | Dioxins Mec Weight Jack Knife Rep 24 |
| 243 | lab28poc | Dioxins Mec Weight Jack Knife Rep 25 | WTSPO25 | Dioxins Mec Weight Jack Knife Rep 25 |
| 244 | lab28poc | Dioxins Mec Weight Jack Knife Rep 26 | WTSPO26 | Dioxins Mec Weight Jack Knife Rep 26 |
| 245 | lab28poc | Dioxins Mec Weight Jack Knife Rep 27 | WTSPO27 | Dioxins Mec Weight Jack Knife Rep 27 |
| 246 | lab28poc | Dioxins Mec Weight Jack Knife Rep 28 | WTSPO28 | Dioxins Mec Weight Jack Knife Rep 28 |
| 247 | lab28poc | Dioxins Mec Weight Jack Knife Rep 29 | WTSPO29 | Dioxins Mec Weight Jack Knife Rep 29 |
| 248 | lab28poc | Dioxins Mec Weight Jack Knife Rep 30 | WTSPO30 | Dioxins Mec Weight Jack Knife Rep 30 |
| 249 | lab28poc | Dioxins Mec Weight Jack Knife Rep 31 | WTSPO31 | Dioxins Mec Weight Jack Knife Rep 31 |
| 250 | lab28poc | Dioxins Mec Weight Jack Knife Rep 32 | WTSPO32 | Dioxins Mec Weight Jack Knife Rep 32 |
| 251 | lab28poc | Dioxins Mec Weight Jack Knife Rep 33 | WTSPO33 | Dioxins Mec Weight Jack Knife Rep 33 |
| 252 | lab28poc | Dioxins Mec Weight Jack Knife Rep 34 | WTSPO34 | Dioxins Mec Weight Jack Knife Rep 34 |
| 253 | lab28poc | Dioxins Mec Weight Jack Knife Rep 35 | WTSPO35 | Dioxins Mec Weight Jack Knife Rep 35 |
| 254 | lab28poc | Dioxins Mec Weight Jack Knife Rep 36 | WTSPO36 | Dioxins Mec Weight Jack Knife Rep 36 |
| 255 | lab28poc | Dioxins Mec Weight Jack Knife Rep 37 | WTSPO37 | Dioxins Mec Weight Jack Knife Rep 37 |
| 256 | lab28poc | Dioxins Mec Weight Jack Knife Rep 38 | WTSPO38 | Dioxins Mec Weight Jack Knife Rep 38 |
| 257 | lab28poc | Dioxins Mec Weight Jack Knife Rep 39 | WTSPO39 | Dioxins Mec Weight Jack Knife Rep 39 |
| 258 | lab28poc | Dioxins Mec Weight Jack Knife Rep 40 | WTSPO40 | Dioxins Mec Weight Jack Knife Rep 40 |
| 259 | lab28poc | Dioxins Mec Weight Jack Knife Rep 41 | WTSPO41 | Dioxins Mec Weight Jack Knife Rep 41 |
| 260 | lab28poc | Dioxins Mec Weight Jack Knife Rep 42 | WTSPO42 | Dioxins Mec Weight Jack Knife Rep 42 |
| 261 | lab28poc | Dioxins Mec Weight Jack Knife Rep 43 | WTSPO43 | Dioxins Mec Weight Jack Knife Rep 43 |
| 262 | lab28poc | Dioxins Mec Weight Jack Knife Rep 44 | WTSPO44 | Dioxins Mec Weight Jack Knife Rep 44 |
| 263 | lab28poc | Dioxins Mec Weight Jack Knife Rep 45 | WTSPO45 | Dioxins Mec Weight Jack Knife Rep 45 |
| 264 | lab28poc | Dioxins Mec Weight Jack Knife Rep 46 | WTSPO46 | Dioxins Mec Weight Jack Knife Rep 46 |
| 265 | lab28poc | Dioxins Mec Weight Jack Knife Rep 47 | WTSPO47 | Dioxins Mec Weight Jack Knife Rep 47 |
| 266 | lab28poc | Dioxins Mec Weight Jack Knife Rep 48 | WTSPO48 | Dioxins Mec Weight Jack Knife Rep 48 |
| 267 | lab28poc | Dioxins Mec Weight Jack Knife Rep 49 | WTSPO49 | Dioxins Mec Weight Jack Knife Rep 49 |
| 268 | lab28poc | Dioxins Mec Weight Jack Knife Rep 50 | WTSPO50 | Dioxins Mec Weight Jack Knife Rep 50 |
| 269 | lab28poc | Dioxins Mec Weight Jack Knife Rep 51 | WTSPO51 | Dioxins Mec Weight Jack Knife Rep 51 |
| 270 | lab28poc | Dioxins Mec Weight Jack Knife Rep 52 | WTSPO52 | Dioxins Mec Weight Jack Knife Rep 52 |
| 271 | lab28poc | Dioxins Subsample 2 Year Mec Weight | WTSPO2YR | Dioxins Subsample 2 Year Mec Weight |
| 272 | lab28poc | Dioxins Subsample 4 Year Mec Weight | WTSPO4YR | Dioxins Subsample 4 Year Mec Weight |
| 273 | lab21 | Disinfectant or degreasing cleaners | VTQ200C | Disinfectant or degreasing cleaners |
| 274 | lab21 | Drycleaning fluid or spot remover | VTQ200K | Drycleaning fluid or spot remover |
| 275 | lab20 | Dust sample status | DCDSTAT | Dust sample status |
| 276 | phpypa | Enterodiol | URXETD | Enterodiol (ng/mL) |
| 277 | phpypa | Enterolactone | URXETL | Enterolactone (ng/mL) |
| 278 | lab25 | Eosinophils number | LBDEONO | Eosinophils number |
| 279 | lab25 | Eosinophils percent | LBXEOPCT | Eosinophils percent (%) |
| 280 | phpypa | Equol | URXEQU | Equol (ng/mL) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 281 | lab21 | Ethylbenzene (ug/cubic meter) | LBXZEB | Ethylbenzene (ug/cubic meter) |
| 282 | lab21 | Ethylbenzene comment | LBDZEBLC | Ethylbenzene comment |
| 283 | lab10am | Fasting Subsample 2 Year Mec Weight | WTSFA2YR | Fasting Subsample 2 Year Mec Weight |
| 284 | lab10am | Fasting Subsample 4 Year Mec Weight | WTSFA4YR | Fasting Subsample 4 Year Mec Weight |
| 285 | lab06 | Ferritin | LBDFERSI | Ferritin (ug/L) |
| 286 | lab06 | Ferritin | LBXFER | Ferritin (ng/mL) |
| 287 | lab11 | Fibrinogen | LBDFBSI | Fibrinogen (g/L) |
| 288 | lab11 | Fibrinogen | LBXFB | Fibrinogen (mg/dL) |
| 289 | lab21 | Fingernail polish or polish remover | VTQ200F | Fingernail polish or polish remover |
| 290 | lab20 | Floor, FAAS (ug/sq. ft.) | LBXDFSF | Floor, FAAS (ug/sq. ft.) |
| 291 | lab20 | Floor, GFAAS (ug/sq.ft.) | LBXDFS | Floor, GFAAS (ug/sq.ft.) |
| 292 | lab26pp | fluoro-phenoxybenzoic acid code | URD4FPLC | fluoro-phenoxybenzoic acid code |
| 293 | lab06 | Folate, Red Blood Cell | LBDRBFSI | Folate, RBC (nmol/L RBC) |
| 294 | lab06 | Folate, Red Blood Cell | LBXRBF | Folate, RBC (ng/mL RBC) |
| 295 | lab06 | Folate, serum | LBDFOLSI | Folate, serum (nmol/L) |
| 296 | lab06 | Folate, serum | LBXFOL | Folate, serum (ng/mL) |
| 297 | lab18 | Follicle stimulating hormone | LBDFSHSI | Follicle stimulating hormone (IU/L) |
| 298 | lab18 | Follicle stimulating hormone | LBXFSH | Follicle stimulating hormone (mIU/mL) |
| 299 | lab21 | Furniture polish | VTQ200D | Furniture polish |
| 300 | lab28poc | G-hexachlorocyclohexane Lipid Adj | LBXGHCLA | G-hexachlorocyclohexane Lipid Adj (ng/g) |
| 301 | lab06 | Gamma tocopherol | LBDGTCSI | Gamma tocopherol (umol/L) |
| 302 | lab06 | Gamma tocopherol | LBXGTC | Gamma tocopherol (ug/dL) |
| 303 | lab28poc | Gamma-hexachlorocyclohexane | LBXGHC | Gamma-hexachlorocyclohexane (ng/g) |
| 304 | lab28poc | Gamma-hexachlorocyclohexane comment code | LBDGHCLC | Gamma-hexachlorocyclohexane comment code |
| 305 | lab21 | Gasoline | VTQ200H | Gasoline |
| 306 | phpypa | Genistein | URXGNS | Genistein (ng/mL) |
| 307 | lab18 | GGT | LBXSGTSI | GGT (U/L) |
| 308 | lab18 | Globulin | LBDSGBSI | Globulin (g/L) |
| 309 | lab18 | Globulin | LBXSGB | Globulin (g/dL) |
| 310 | lab10am | Glucose, plasma | LBXGLU | Glucose, plasma (mg/dL) |
| 311 | lab18 | Glucose, serum | LBDSGLSI | Glucose (mmol/L) |
| 312 | lab18 | Glucose, serum | LBXSGL | Glucose (mg/dL) |
| 313 | lab21 | Glues or adhesives, hobbies or crafts | VTQ200L | Glues or adhesives, hobbies or crafts |
| 314 | lab10 | Glycohemoglobin | LBXGH | Glycohemoglobin (%) |
| 315 | lab05 | Gonorrhea, urine | URXUGC | Gonorrhea, urine |
| 316 | ph | Gum, mints cough drops fast time (hours) | PHAGUMHR | Gum, mints cough drops fast time (hours) |
| 317 | ph | Gum, mints, cough fast time (minutes) | PHAGUMMN | Gum, mints, cough fast time (minutes) |
| 318 | ph | Gum, mints, lozenges or cough drops | PHQ040 | Gum, mints, lozenges or cough drops |
| 319 | lab22 | Hair mercury comment | HRDHGLC | Hair mercury comment |
| 320 | lab22 | Hair Mercury Comment-MDL | HRDHGLC2 | Hair Mercury Comment-MDL |
| 321 | lab21 | Hairspray | VTQ200E | Hairspray |
| 322 | lab13 | HDL-cholesterol | LBDHDL | HDL-cholesterol (mg/dL) |
| 323 | lab13 | HDL-cholesterol | LBDHDLSI | HDL-cholesterol (mmol/L) |
| 324 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 01 | WTSHM01 | Heavy Metal Mec Weight Jack Knife Rep 01 |
| 325 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 02 | WTSHM02 | Heavy Metal Mec Weight Jack Knife Rep 02 |
| 326 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 03 | WTSHM03 | Heavy Metal Mec Weight Jack Knife Rep 03 |

| coo6hm | Heavy Metal Mec Weight Jack Knife Rep 04 Heavy Metal Mec Weight Jack Knife Rep 05 Heavy Metal Mec Weight Jack Knife Rep 06 Heavy Metal Mec Weight Jack Knife Rep 07 Heavy Metal Mec Weight Jack Knife Rep 08 Heavy Metal Mec Weight Jack Knife Rep 09 Heavy Metal Mec Weight Jack Knife Rep 10 Heavy Metal Mec Weight Jack Knife Rep 11 Heavy Metal Mec Weight Jack Knife Rep 12 Heavy Metal Mec Weight Jack Knife Rep 13 Heavy Metal Mec Weight Jack Knife Rep 14 Heavy Metal Mec Weight Jack Knife Rep 15 Heavy Metal Mec Weight Jack Knife Rep 15 Heavy Metal Mec Weight Jack Knife Rep 16 Heavy Metal Mec Weight Jack Knife Rep 17 Heavy Metal Mec Weight Jack Knife Rep 18 Heavy Metal Mec Weight Jack Knife Rep 19 Heavy Metal Mec Weight Jack Knife Rep 20 Heavy Metal Mec Weight Jack Knife Rep 21 Heavy Metal Mec Weight Jack Knife Rep 21 Heavy Metal Mec Weight Jack Knife Rep 23 Heavy Metal Mec Weight Jack Knife Rep 24 Heavy Metal Mec Weight Jack Knife Rep 24 Heavy Metal Mec Weight Jack Knife Rep 25 Heavy Metal Mec Weight Jack Knife Rep 25 Heavy Metal Mec Weight Jack Knife Rep 26 Heavy Metal Mec Weight Jack Knife Rep 27 | WTSHM04 WTSHM05 WTSHM06 WTSHM07 WTSHM08 WTSHM10 WTSHM11 WTSHM12 WTSHM13 WTSHM14 WTSHM15 WTSHM16 WTSHM17 WTSHM17 WTSHM18 WTSHM19 WTSHM20 WTSHM20 WTSHM21 WTSHM21 WTSHM22 WTSHM23 WTSHM24 WTSHM25 WTSHM25 WTSHM25 | Heavy Metal Mec Weight Jack Knife Rep 04 Heavy Metal Mec Weight Jack Knife Rep 05 Heavy Metal Mec Weight Jack Knife Rep 06 Heavy Metal Mec Weight Jack Knife Rep 07 Heavy Metal Mec Weight Jack Knife Rep 08 Heavy Metal Mec Weight Jack Knife Rep 09 Heavy Metal Mec Weight Jack Knife Rep 10 Heavy Metal Mec Weight Jack Knife Rep 11 Heavy Metal Mec Weight Jack Knife Rep 12 Heavy Metal Mec Weight Jack Knife Rep 13 Heavy Metal Mec Weight Jack Knife Rep 14 Heavy Metal Mec Weight Jack Knife Rep 15 Heavy Metal Mec Weight Jack Knife Rep 16 Heavy Metal Mec Weight Jack Knife Rep 17 Heavy Metal Mec Weight Jack Knife Rep 17 Heavy Metal Mec Weight Jack Knife Rep 19 Heavy Metal Mec Weight Jack Knife Rep 20 Heavy Metal Mec Weight Jack Knife Rep 21 Heavy Metal Mec Weight Jack Knife Rep 22 Heavy Metal Mec Weight Jack Knife Rep 23 Heavy Metal Mec Weight Jack Knife Rep 24 Heavy Metal Mec Weight Jack Knife Rep 25 Heavy Metal Mec Weight Jack Knife Rep 25 Heavy Metal Mec Weight Jack Knife Rep 25 Heavy Metal Mec Weight Jack Knife Rep 26 |
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| o06hm | Heavy Metal Mec Weight Jack Knife Rep 26 | WTSHM26 | |
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| | DEAVY IVIETAL IVIEC METORI JACK NITTE NEO // | WTSHM27 | Heavy Metal Mec Weight Jack Knife Rep 27 |
| 006hm | Heavy Metal Mec Weight Jack Knife Rep 28 | WTSHM28 | Heavy Metal Mec Weight Jack Knife Rep 28 |
| o06hm | Heavy Metal Mec Weight Jack Knife Rep 29 | WTSHM29 | Heavy Metal Mec Weight Jack Knife Rep 29 |
| o06hm | Heavy Metal Mec Weight Jack Knife Rep 30 | WTSHM30 | Heavy Metal Mec Weight Jack Knife Rep 30 |
| o06hm | Heavy Metal Mec Weight Jack Knife Rep 31 | WTSHM31 | Heavy Metal Mec Weight Jack Knife Rep 31 |
| o06hm | Heavy Metal Mec Weight Jack Knife Rep 32 | WTSHM32 | Heavy Metal Mec Weight Jack Knife Rep 32 |
| 006hm | Heavy Metal Mec Weight Jack Knife Rep 33 | WTSHM33 | Heavy Metal Mec Weight Jack Knife Rep 33 |
| o06hm | Heavy Metal Mec Weight Jack Knife Rep 34 | WTSHM34 | Heavy Metal Mec Weight Jack Knife Rep 34 |
| o06hm | Heavy Metal Mec Weight Jack Knife Rep 35 | WTSHM35 | Heavy Metal Mec Weight Jack Knife Rep 35 |
| o06hm | Heavy Metal Mec Weight Jack Knife Rep 36 | WTSHM36 | Heavy Metal Mec Weight Jack Knife Rep 36 |
| 006hm | | | Heavy Metal Mec Weight Jack Knife Rep 37 |
| 006hm | | | Heavy Metal Mec Weight Jack Knife Rep 38 |
| 006hm | · · · · · · · · · · · · · · · · · · · | | Heavy Metal Mec Weight Jack Knife Rep 39 |
| | · · · · · · · · · · · · · · · · · · · | | Heavy Metal Mec Weight Jack Knife Rep 40 |
| | | | Heavy Metal Mec Weight Jack Knife Rep 41 |
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| JUUIIII | · · · · · · · · · · · · · · · · · · · | | Heavy Metal Mec Weight Jack Knife Rep 47 Heavy Metal Mec Weight Jack Knife Rep 48 |
| | · · · · · · · · · · · · · · · · · · · | | Heavy Metal Mec Weight Jack Knife Rep 49 |
| | 96hm 96hm 96hm 96hm 96hm 96hm 96hm 96hm | Heavy Metal Mec Weight Jack Knife Rep 38 Heavy Metal Mec Weight Jack Knife Rep 39 Heavy Metal Mec Weight Jack Knife Rep 40 Heavy Metal Mec Weight Jack Knife Rep 41 Heavy Metal Mec Weight Jack Knife Rep 42 Heavy Metal Mec Weight Jack Knife Rep 42 Heavy Metal Mec Weight Jack Knife Rep 43 Heavy Metal Mec Weight Jack Knife Rep 44 Heavy Metal Mec Weight Jack Knife Rep 44 Heavy Metal Mec Weight Jack Knife Rep 45 Heavy Metal Mec Weight Jack Knife Rep 46 Heavy Metal Mec Weight Jack Knife Rep 46 Heavy Metal Mec Weight Jack Knife Rep 47 | Heavy Metal Mec Weight Jack Knife Rep 38 WTSHM38 Heavy Metal Mec Weight Jack Knife Rep 39 WTSHM39 Heavy Metal Mec Weight Jack Knife Rep 40 WTSHM40 Heavy Metal Mec Weight Jack Knife Rep 41 WTSHM41 Heavy Metal Mec Weight Jack Knife Rep 42 WTSHM42 Heavy Metal Mec Weight Jack Knife Rep 42 WTSHM42 Heavy Metal Mec Weight Jack Knife Rep 43 WTSHM43 Heavy Metal Mec Weight Jack Knife Rep 44 WTSHM44 Heavy Metal Mec Weight Jack Knife Rep 45 WTSHM45 Heavy Metal Mec Weight Jack Knife Rep 46 WTSHM46 Heavy Metal Mec Weight Jack Knife Rep 47 WTSHM46 Heavy Metal Mec Weight Jack Knife Rep 47 WTSHM47 Heavy Metal Mec Weight Jack Knife Rep 48 WTSHM48 |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|---|
| 373 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 50 | WTSHM50 | Heavy Metal Mec Weight Jack Knife Rep 50 |
| 374 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 51 | WTSHM51 | Heavy Metal Mec Weight Jack Knife Rep 51 |
| 375 | lab06hm | Heavy Metal Mec Weight Jack Knife Rep 52 | WTSHM52 | Heavy Metal Mec Weight Jack Knife Rep 52 |
| 376 | lab06hm | Heavy Metal Subsample 2 year Mec Weight | WTSHM2YR | Heavy Metal Subsample 2 year Mec Weight |
| 377 | lab11 | Helicobacter pylori | LBXHP1 | Helicobacter pylori (ISR) |
| 378 | lab25 | Hematocrit | LBXHCT | Hematocrit (%) |
| | | | LBXHGB | · · · |
| 379 | lab25 | Hemoglobin | | Hemoglobin (g/dL) |
| 380 | lab02hpa | Hepatitis A Antibody (Anti-HAV) | LBXHA | Hepatitis A Antibody (Anti-HAV) |
| 381 | lab02 | Hepatitis B Core antibody | LBXHBC | Hepatitis B core antibody |
| 382 | l02hbs | Hepatitis B Surface Antibody | LBXHBS | Hepatitis B Surface Antibody |
| 383 | lab02 | Hepatitis B surface antigen | LBDHBG | Hepatitis B surface antigen |
| 384 | lab02 | Hepatitis C antibody confirmed | LBDHCV | Hepatitis C antibody |
| 385 | lab02 | Hepatitis D (anti-HDV) | LBDHD | Hepatitis D (anti-HDV) |
| 386 | lab28poc | Heptachlor Epoxide | LBXHPE | Heptachlor Epoxide (ng/g) |
| 387 | lab28poc | Heptachlor Epoxide comment code | LBDHPELC | Heptachlor Epoxide comment code |
| 388 | lab28poc | Heptachlor Epoxide Lipid Adj | LBXHPELA | Heptachlor Epoxide Lipid Adj (ng/g) |
| 389 | lab09 | Herpes I | LBXHE1 | Herpes I |
| 390 | lab09 | Herpes II | LBXHE2 | Herpes II |
| 391 | lab28poc | Hexachlorobenzene | LBXHCB | Hexachlorobenzene (ng/g) |
| 392 | lab28poc | Hexachlorobenzene comment code | LBDHCBLC | Hexachlorobenzene comment code |
| 393 | lab28poc | Hexachlorobenzene Lipid Adj | LBXHCBLA | Hexachlorobenzene Lipid Adj (ng/g) |
| 394 | lab03 | HIV antibody western blot positive | LBDHI | HIV antibody test result |
| 395 | lab21 | Home built less than 5 years ago? | VTQ040 | Home built less than 5 years ago? |
| 396 | lab21 | Home has an attached garage? | VTQ030 | Home has an attached garage? |
| 397 | lab06 | Homocysteine | LBXHCY | Homocysteine (umol/L) |
| 398 | lab21 | Hot shower for five minutes or longer | VTQ180 | Hot shower for five minutes or longer |
| 399 | lab21 | Hours badge not worn | VTQ020 | Hours badge not worn |
| 400 | lab21 | Hours spent indoors at home? | VTQ090 | Hours spent indoors at home? |
| 401 | lab21 | Hours spent indoors at work/school | VTQ110 | Hours spent indoors at work/school |
| 402 | lab21 | Hours spent outdoors | VTQ120 | Hours spent outdoors |
| 403 | lab21 | In drycleaning shop, drycleaned clothes | VTQ150 | In drycleaning shop, drycleaned clothes |
| 404 | lab21 | In the past 6 months, have new carpet | VTQ070 | In the past 6 months, have new carpet |
| 405 | lab20 | Index child for sampling | DCDINDEX | Index child for sampling |
| 406 | lab10am | Insulin | LBXIN | Insulin (uU/mL) |
| 407 | lab10am | Insulin | LBXINSI | Insulin: SI(pmol/L) |
| 408 | lab06 | Iron | LBDIRNSI | Iron (umol/L) |
| 409 | lab06 | Iron | LBXIRN | Iron (ug/dL) |
| 410 | lab18 | Iron | LBDSIRSI | Iron (umol/L) |
| 411 | lab18 | Iron, serum | LBXSIR | Iron (ug/dL) |
| 412 | lab07 | Latex | LBXLA | Latex (IU/mL) |
| 413 | lab07 | Latex class | LBXLACL | Latex class |
| 414 | lab18 | LDH | LBXSLDSI | LDH (U/L) |
| 414 | lab13am | LDL-cholesterol | LBDLDL | LDL-cholesterol (mg/dL) |
| 416 | lab13am | LDL-cholesterol | LBDLDLSI | LDL-cholesterol (mg/dL) LDL-cholesterol (mmol/L) |
| 416 | lab13am | Lead dust floor (FAAS) comment code | LBDD3LC | Lead dust floor (FAAS) comment code |
| | | , , | | , |
| 418 | lab20 | Lead dust floor (GFAAS) comment code | LBDDFSLC | Lead dust floor (GFAAS) comment code |

| Item # | File name | Component | Variable ID | Label |
|------------|-----------------|--|------------------|---|
| 419 | lab20 | Lead dust window sill comment code | LBDDWSLC | Lead dust window sill comment code |
| 420 | lab06 | Lead, Blood | LBDBPBSI | Lead (umol/L) |
| 421 | lab06 | Lead, Blood | LBXBPB | Lead (ug/dL) |
| 422 | lab06hm | Lead, urine | URXUPB | Lead, urine (ng/mL) |
| 423 | lab18 | Luteinizing hormone | LBDLHSI | Luteinizing hormone (IU/L) |
| 424 | lab18 | Luteinizing hormone | LBXLH | Luteinizing hormone (mIU/mL) |
| 425 | lab25 | Lymphocyte number | LBDLYMNO | Lymphocyte number |
| 426 | lab25 | Lymphocyte percent | LBXLYPCT | Lymphocyte percent (%) |
| 427 | lab21 | m,p-Xylene (ug/cubic meter) | LBXZXY | m,p-Xylene (ug/cubic meter) |
| 428 | lab21 | m,p-Xylene comment | LBDZXYLC | m,p-Xylene comment |
| 429 | lab26pp | Malathion diacid | URXMAL | Malathion diacid (ug/L) |
| 430 | lab26pp | Malathion diacid comment code | URDMALLC | Malathion diacid comment code |
| 431 | lab25 | Mean cell hemoglobin | LBXMCHSI | Mean cell hemoglobin (pg) |
| 432 | lab25 | Mean cell volume | LBXMCVSI | Mean cell volume (fL) |
| 433 | lab25 | Mean Corpuscular Hemoglobin Concentratio | LBXMC | MCHC (g/dL) |
| 434 | lab25 | Mean platelet volume | LBXMPSI | Mean platelet volume (fL) |
| 435 | lab19 | Measles | LBXME | Measles |
| 436 | lab22 | Mercury, hair | HRXHG | Mercury, hair (ppm) |
| 437 | lab22 | Mercury, hair (ppm) MDL Version | HRDHG | Mercury, hair (ppm) MDL Version |
| 438 | lab06 | Mercury, Inorganic, Blood | LBDIHGSI | Mercury, Inorganic (umol/L) |
| 439 | lab06 | Mercury, Inorganic, Blood | LBXIHG | Mercury, Inorganic (ug/L) |
| 440 | lab06 | Mercury, total, Blood | LBDTHGSI | Mercury, total (umol/L) |
| 441 | lab06 | Mercury, total, Blood | LBXTHG | Mercury, total (ug/L) |
| 442 | lab06 | Mercury, urine | URXUHG | Mercury, urine (ng/mL) |
| 443 | lab06 | Methylmalonic acid | LBXMMA | Methylmalonic acid (umol/L) |
| 444 | lab28poc | Mirex | LBXMIR | Mirex (ng/g) |
| 445 | lab28poc | Mirex comment code | LBDMIRLC | Mirex comment code |
| 446 | lab28poc | Mirex Lipid Adj | LBXMIRLA | Mirex Lipid Adj (ng/g) |
| 447 | lab06hm | Molybdenum, urine | URXUMO | Molybdenum, urine (ng/mL) |
| 448 | phpypa | mono-(2-ethyl)-hexyl phthalate | URXMHP | mono-(2-ethyl)-hexyl phthalate (ng/mL) |
| 449 450 | phpypa | mono-benzyl phthalate | URXMZP | mono-benzyl phthalate (ng/mL) |
| 450 454 | phpypa | mono-cyclohexyl phthalate | URXMCP | mono-cyclohexyl phthalate (ng/mL) |
| 451 452 | phpypa | mono-ethyl phthalate | URXMEP | mono-ethyl phthalate (ng/mL) |
| 452 453 | phpypa | mono-isononyl phthalate | URXMNP URXMBP | mono-isononyl phthalate (ng/mL) |
| 453 454 | phpypa | mono-n-butyl phthalate mono-n-octyl phthalate | URXMOP | mono-n-butyl phthalate (ng/mL) mono-n-octyl phthalate (ng/mL) |
| 454 455 | phpypa lab25 | Monocyte number | LBDMONO | Monocyte number |
| 455 456 | lab25 | Monocyte percent | LBXMOPCT | Monocyte percent (%) |
| 456 457 | lab25 | Mothballs, moth crystals, or mothflakes | VTQ200B | Mothballs, moth crystals, or mothflakes |
| 457 458 | lab21 | MTBE (ug/cubic meter) | LBXZMB | MTBE (ug/cubic meter) |
| 458 459 | lab21 | MTBE (ag/cable fileler) MTBE comment | LBDZMBLC | MTBE (ug/cubic meter) MTBE comment |
| 460 | lab11 | N-telopeptides | URXNT | N-telopeptides (NTx) (nmol BCE) |
| 461 | lab21 | Natural gas, or electric kitchen stove | VTQ060 | Natural gas, or electric kitchen stove |
| 462 | lab21 | Near a smoking person >= 10 min | VTQ170 | Near a smoking person >= 10 min |
| 463 | lab21 | Near a wood-burning fire >= 10 min | VTQ160 | Near a smoking person >= 10 min |
| 464 | lab28poc | g . | LBXODT | o,p'-DDT (ng/g) |
| 404 | labzopuc | o,p'-DDT | LDAODT | יוסת- (ng/g) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 465 | lab28poc | o,p'-DDT comment code | LBDODTLC | o,p'-DDT comment code |
| 466 | phpypa | o-Desmethylangolensin (O-DMA) | URXDMA | o-Desmethylangolensin (O-DMA) (ng/mL) |
| 467 | lab26pp | O-Phenyl phenol | URXOPP | O-Phenyl phenol (ug/L) |
| 468 | lab26pp | O-Phenyl phenol comment code | URDOPPLC | O-Phenyl phenol comment code |
| 469 | lab21 | o-Xylene (ug/cubic meter) | LBXZOX | o-Xylene (ug/cubic meter) |
| 470 | lab21 | o-Xylene comment | LBDZOXLC | o-Xylene comment |
| 471 | lab28poc | opDDT Lipid Adj | LBXODTLA | opDDT Lipid Adj (ng/g) |
| 472 | lab18 | Osmolality | LBXSOSSI | Osmolality (mOsml/L) |
| 473 | lab28poc | Oxychlordane | LBXOXY | Oxychlordane (ng/g) |
| 474 | lab28poc | Oxychlordane comment code | LBDOXYLC | Oxychlordane comment code |
| 475 | lab28poc | Oxychlordane Lipid Adj | LBXOXYLA | Oxychlordane Lipid Adj (ng/g) |
| 476 | lab26pp | Oxypyrimidine | URXDIZ | Oxypyrimidine (ug/L) |
| 477 | lab26pp | Oxypyrimidine comment code | URDDIZLC | Oxypyrimidine comment code |
| 478 | lab28poc | p,p'-DDE (ng/g) | LBXPDE | p,p'-DDE (ng/g) |
| 479 | lab28poc | p,p'-DDE comment code | LBDPDELC | p,p'-DDE comment code |
| 480 | lab28poc | p,p'-DDT | LBXPDT | p,p'-DDT (ng/g) |
| 481 | lab28poc | p,p'-DDT comment code | LBDPDTLC | p,p'-DDT comment code |
| 482 | lab21 | Paint thinner, brush cleaner, stripper | VTQ200I | Paint thinner, brush cleaner, stripper |
| 483 | lab21 | Paints | VTQ200A | Paints |
| 484 | lab26pp | Paranitrophenol | URXPAR | Paranitrophenol (ug/L) |
| 485 | lab26pp | Paranitrophenol comment code | URDPARLC | Paranitrophenol comment code |
| 486 | lab28poc | PCB101 | LBX101 | PCB101 (ng/g) |
| 487 | lab28poc | PCB101 comment code | LBD101LC | PCB101 comment code |
| 488 | lab28poc | PCB101 Lipid Adj | LBX101LA | PCB101 Lipid Adj (ng/g) |
| 489 | lab28poc | PCB105 | LBX105 | PCB105 (ng/g) |
| 490 | lab28poc | PCB105 comment code | LBD105LC | PCB105 comment code |
| 491 | lab28poc | PCB105 Lipid Adj | LBX105LA | PCB105 Lipid Adj (ng/g) |
| 492 | lab28poc | PCB118 | LBX118 | PCB118 (ng/g) |
| 493 | lab28poc | PCB118 comment code | LBD118LC | PCB118 comment code |
| 494 | lab28poc | PCB118 Lipid Adj | LBX118LA | PCB118 Lipid Adj (ng/g) |
| 495 | lab28poc | PCB128 | LBX128 | PCB128 (ng/g) |
| 496 | lab28poc | PCB128 comment code | LBD128LC | PCB128 comment code |
| 497 | lab28poc | PCB128 Lipid Adj | LBX128LA | PCB128 Lipid Adj (ng/g) |
| 498 | lab28poc | PCB138 | LBX138 | PCB138 (ng/g) |
| 499 | lab28poc | PCB138 comment code | LBD138LC | PCB138 comment code |
| 500 | lab28poc | PCB138 Lipid Adj | LBX138LA | PCB138 Lipid Adj (ng/g) |
| 501 | lab28poc | PCB146 | LBX146 | PCB146 (ng/g) |
| 502 | lab28poc | PCB146 comment code | LBD146LC | PCB146 comment code |
| 503 | lab28poc | PCB146 Lipid Adj | LBX146LA | PCB146 Lipid Adj (ng/g) |
| 504 | lab28poc | PCB153 | LBX153 | PCB153 (ng/g) |
| 505 | lab28poc | PCB153 comment code | LBD153LC | PCB153 comment code |
| 506 | lab28poc | PCB153 Lipid Adj | LBX153LA | PCB153 Lipid Adj (ng/g) |
| 507 | lab28poc | PCB156 | LBX156 | PCB156 (ng/g) |
| 508 | lab28poc | PCB156 comment code | LBD156LC | PCB156 comment code |
| 509 | lab28poc | PCB156 Lipid Adj | LBX156LA | PCB156 Lipid Adj (ng/g) |
| 510 | lab28poc | PCB157 | LBX157 | PCB157 (ng/g) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|----------------------------------|-------------|----------------------------------|
| 511 | lab28poc | PCB157 comment code | LBD157LC | PCB157 comment code |
| 512 | lab28poc | PCB157 Lipid Adj | LBX157LA | PCB157 Lipid Adj (ng/g) |
| 513 | lab28poc | PCB167 | LBX167 | PCB167 (ng/g) |
| 514 | lab28poc | PCB167 comment code | LBD167LC | PCB167 comment code |
| 515 | lab28poc | PCB167 Lipid Adj | LBX167LA | PCB167 Lipid Adj (ng/g) |
| 516 | lab28poc | PCB170 | LBX170 | PCB170 (ng/g) |
| 517 | lab28poc | PCB170 comment code | LBD170LC | PCB170 comment code |
| 518 | lab28poc | PCB170 Lipid Adj | LBX170LA | PCB170 Lipid Adj (ng/g) |
| 519 | lab28poc | PCB172 | LBX172 | PCB172 (ng/g) |
| 520 | lab28poc | PCB172 comment code | LBD172LC | PCB172 comment code |
| 521 | lab28poc | PCB172 Lipid Adj | LBX172LA | PCB172 Lipid Adj (ng/g) |
| 522 | lab28poc | PCB177 | LBX177 | PCB177 (ng/g) |
| 523 | lab28poc | PCB177 comment code | LBD177LC | PCB177 comment code |
| 524 | lab28poc | PCB177 Lipid Adj | LBX177LA | PCB177 Lipid Adj (ng/g) |
| 525 | lab28poc | PCB178 | LBX178 | PCB178 (ng/g) |
| 526 | lab28poc | PCB178 comment code | LBD178LC | PCB178 comment code |
| 527 | lab28poc | PCB178 Lipid Adj | LBX178LA | PCB178 Lipid Adj (ng/g) |
| 528 | lab28poc | PCB180 | LBX180 | PCB180 (ng/g) |
| 529 | lab28poc | PCB180 comment code | LBD180LC | PCB180 comment code |
| 530 | lab28poc | PCB180 Lipid Adj | LBX180LA | PCB180 Lipid Adj (ng/g) |
| 531 | lab28poc | PCB183 | LBX183 | PCB183 (ng/g) |
| 532 | lab28poc | PCB183 comment code | LBD183LC | PCB183 comment code |
| 533 | lab28poc | PCB183 Lipid Adj | LBX183LA | PCB183 Lipid Adj (ng/g) |
| 534 | lab28poc | PCB187 | LBX187 | PCB187 (ng/g) |
| 535 | lab28poc | PCB187 comment code | LBD187LC | PCB187 comment code |
| 536 | lab28poc | PCB187 Lipid Adj | LBX187LA | PCB187 Lipid Adj (ng/g) |
| 537 | lab28poc | PCB28 | LBX028 | PCB28 (ng/g) |
| 538 | lab28poc | PCB28 comment code | LBD028LC | PCB28 comment code |
| 539 | lab28poc | PCB28 Lipid Adj (ng/g) | LBX028LA | PCB28 Lipid Adj (ng/g) |
| 540 | lab28poc | PCB52 | LBX052 | PCB52 (ng/g) |
| 541 | lab28poc | PCB52 comment code | LBD052LC | PCB52 comment code |
| 542 | lab28poc | PCB52 Lipid Adj | LBX052LA | PCB52 Lipid Adj (ng/g) |
| 543 | lab28poc | PCB66 | LBX066 | PCB66 (ng/g) |
| 544 | lab28poc | PCB66 comment code | LBD066LC | PCB66 comment code |
| 545 | lab28poc | PCB66 Lipid Adj | LBX066LA | PCB66 Lipid Adj (ng/g) |
| 546 | lab28poc | PCB74 | LBX074 | PCB74 (ng/g) |
| 547 | lab28poc | PCB74 comment code | LBD074LC | PCB74 comment code |
| 548 | lab28poc | PCB74 Lipid Adj | LBX074LA | PCB74 Lipid Adj (ng/g) |
| 549 | lab28poc | PCB99 | LBX099 | PCB99 (ng/g) |
| 550 | lab28poc | PCB99 comment code | LBD099LC | PCB99 comment code |
| 551 | lab28poc | PCB99 Lipid Adj | LBX099LA | PCB99 Lipid Adj (ng/g) |
| 552 | lab26pp | Pentachlorophenol | URXPCP | Pentachlorophenol (ug/L) |
| 553 | lab26pp | Pentachlorophenol comment code | URDPCPLC | Pentachlorophenol comment code |
| 554 | lab22 | Permanent, straightened, or dyed | HRQ010 | Permanent, straightened, or dyed |
| 555 | lab18 | Phosphorus | LBDSPHSI | Phosphorus (mmol/L) |
| 556 | lab18 | Phosphorus | LBXSPH | Phosphorus (mg/dL) |
| 300 | | | | · ·· (···• a=/ |

| Item # | File name | Component | Variable ID | Label |
|------------|-----------|---|--------------------|--|
| 557 | phpypa | Phthalate Mec Weight Jack Knife Rep 01 | WTSPH01 | Phthalate Mec Weight Jack Knife Rep 01 |
| 558 | phpypa | Phthalate Mec Weight Jack Knife Rep 02 | WTSPH02 | Phthalate Mec Weight Jack Knife Rep 02 |
| 559 | phpypa | Phthalate Mec Weight Jack Knife Rep 03 | WTSPH03 | Phthalate Mec Weight Jack Knife Rep 03 |
| 560 | phpypa | Phthalate Mec Weight Jack Knife Rep 04 | WTSPH04 | Phthalate Mec Weight Jack Knife Rep 04 |
| 561 | phpypa | Phthalate Mec Weight Jack Knife Rep 05 | WTSPH05 | Phthalate Mec Weight Jack Knife Rep 05 |
| 562 | phpypa | Phthalate Mec Weight Jack Knife Rep 06 | WTSPH06 | Phthalate Mec Weight Jack Knife Rep 06 |
| 563 | phpypa | Phthalate Mec Weight Jack Knife Rep 07 | WTSPH07 | Phthalate Mec Weight Jack Knife Rep 07 |
| 564 | phpypa | Phthalate Mec Weight Jack Knife Rep 08 | WTSPH08 | Phthalate Mec Weight Jack Knife Rep 08 |
| 565 | phpypa | Phthalate Mec Weight Jack Knife Rep 09 | WTSPH09 | Phthalate Mec Weight Jack Knife Rep 09 |
| 566 | phpypa | Phthalate Mec Weight Jack Knife Rep 10 | WTSPH10 | Phthalate Mec Weight Jack Knife Rep 10 |
| 567 | phpypa | Phthalate Mec Weight Jack Knife Rep 11 | WTSPH11 | Phthalate Mec Weight Jack Knife Rep 11 |
| 568 | phpypa | Phthalate Mec Weight Jack Knife Rep 12 | WTSPH12 | Phthalate Mec Weight Jack Knife Rep 12 |
| 569 | phpypa | Phthalate Mec Weight Jack Knife Rep 13 | WTSPH13 | Phthalate Mec Weight Jack Knife Rep 13 |
| 570 | phpypa | Phthalate Mec Weight Jack Knife Rep 14 | WTSPH14 | Phthalate Mec Weight Jack Knife Rep 14 |
| 571 | phpypa | Phthalate Mec Weight Jack Knife Rep 15 | WTSPH15 | Phthalate Mec Weight Jack Knife Rep 15 |
| 572 | phpypa | Phthalate Mec Weight Jack Knife Rep 16 | WTSPH16 | Phthalate Mec Weight Jack Knife Rep 16 |
| 572 573 | phpypa | Phthalate Mec Weight Jack Knife Rep 17 | WTSPH10 | Phthalate Mec Weight Jack Knife Rep 17 |
| 573 574 | phpypa | Phthalate Mec Weight Jack Knife Rep 18 | WTSPH18 | Phthalate Mec Weight Jack Knife Rep 18 |
| 574 575 | phpypa | Phthalate Mec Weight Jack Knife Rep 19 | WTSPH19 | Phthalate Mec Weight Jack Knife Rep 19 |
| 575 576 | | Phthalate Mec Weight Jack Knife Rep 19 Phthalate Mec Weight Jack Knife Rep 20 | WTSPH19 WTSPH20 | Phthalate Mec Weight Jack Knife Rep 20 |
| 576 577 | phpypa | Phthalate Mec Weight Jack Knife Rep 20 Phthalate Mec Weight Jack Knife Rep 21 | WTSPH20 WTSPH21 | Phthalate Mec Weight Jack Knife Rep 21 |
| 577 578 | phpypa | Phthalate Mec Weight Jack Knife Rep 21 Phthalate Mec Weight Jack Knife Rep 22 | WTSPH21 WTSPH22 | Phthalate Mec Weight Jack Knife Rep 21 Phthalate Mec Weight Jack Knife Rep 22 |
| 578 579 | phpypa | · | WTSPH22 WTSPH23 | · · |
| 579 580 | phpypa | Phthalate Mec Weight Jack Knife Rep 23 | WTSPH23 WTSPH24 | Phthalate Mec Weight Jack Knife Rep 23 |
| | phpypa | Phthalate Mec Weight Jack Knife Rep 24 | | Phthalate Mec Weight Jack Knife Rep 24 |
| 581 | phpypa | Phthalate Mee Weight Jack Knife Rep 25 | WTSPH25 | Phthalate Mec Weight Jack Knife Rep 25 |
| 582 | phpypa | Phthalate Mee Weight Jack Knife Rep 26 | WTSPH26 | Phthalate Mec Weight Jack Knife Rep 26 |
| 583 | phpypa | Phthalate Mee Weight Jack Knife Rep 27 | WTSPH27 | Phthalate Mec Weight Jack Knife Rep 27 |
| 584 | phpypa | Phthalate Mee Weight Jack Knife Rep 28 | WTSPH28 | Phthalate Mec Weight Jack Knife Rep 28 |
| 585 | phpypa | Phthalate Mee Weight Jack Knife Rep 29 | WTSPH29 | Phthalate Mec Weight Jack Knife Rep 29 |
| 586 | phpypa | Phthalate Mec Weight Jack Knife Rep 30 | WTSPH30 | Phthalate Mec Weight Jack Knife Rep 30 |
| 587 | phpypa | Phthalate Mec Weight Jack Knife Rep 31 | WTSPH31 | Phthalate Mec Weight Jack Knife Rep 31 |
| 588 | phpypa | Phthalate Mec Weight Jack Knife Rep 32 | WTSPH32 | Phthalate Mec Weight Jack Knife Rep 32 |
| 589 | phpypa | Phthalate Mec Weight Jack Knife Rep 33 | WTSPH33 | Phthalate Mec Weight Jack Knife Rep 33 |
| 590 | phpypa | Phthalate Mec Weight Jack Knife Rep 34 | WTSPH34 | Phthalate Mec Weight Jack Knife Rep 34 |
| 591 | phpypa | Phthalate Mec Weight Jack Knife Rep 35 | WTSPH35 | Phthalate Mec Weight Jack Knife Rep 35 |
| 592 | phpypa | Phthalate Mec Weight Jack Knife Rep 36 | WTSPH36 | Phthalate Mec Weight Jack Knife Rep 36 |
| 593 | phpypa | Phthalate Mec Weight Jack Knife Rep 37 | WTSPH37 | Phthalate Mec Weight Jack Knife Rep 37 |
| 594 | phpypa | Phthalate Mec Weight Jack Knife Rep 38 | WTSPH38 | Phthalate Mec Weight Jack Knife Rep 38 |
| 595 | phpypa | Phthalate Mec Weight Jack Knife Rep 39 | WTSPH39 | Phthalate Mec Weight Jack Knife Rep 39 |
| 596 | phpypa | Phthalate Mec Weight Jack Knife Rep 40 | WTSPH40 | Phthalate Mec Weight Jack Knife Rep 40 |
| 597 | phpypa | Phthalate Mec Weight Jack Knife Rep 41 | WTSPH41 | Phthalate Mec Weight Jack Knife Rep 41 |
| 598 | phpypa | Phthalate Mec Weight Jack Knife Rep 42 | WTSPH42 | Phthalate Mec Weight Jack Knife Rep 42 |
| 599 | phpypa | Phthalate Mec Weight Jack Knife Rep 43 | WTSPH43 | Phthalate Mec Weight Jack Knife Rep 43 |
| 600 | phpypa | Phthalate Mec Weight Jack Knife Rep 44 | WTSPH44 | Phthalate Mec Weight Jack Knife Rep 44 |
| 601 | phpypa | Phthalate Mec Weight Jack Knife Rep 45 | WTSPH45 | Phthalate Mec Weight Jack Knife Rep 45 |
| 602 | phpypa | Phthalate Mec Weight Jack Knife Rep 46 | WTSPH46 | Phthalate Mec Weight Jack Knife Rep 46 |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 603 | phpypa | Phthalate Mec Weight Jack Knife Rep 47 | WTSPH47 | Phthalate Mec Weight Jack Knife Rep 47 |
| 604 | phpypa | Phthalate Mec Weight Jack Knife Rep 48 | WTSPH48 | Phthalate Mec Weight Jack Knife Rep 48 |
| 605 | phpypa | Phthalate Mec Weight Jack Knife Rep 49 | WTSPH49 | Phthalate Mec Weight Jack Knife Rep 49 |
| 606 | phpypa | Phthalate Mec Weight Jack Knife Rep 50 | WTSPH50 | Phthalate Mec Weight Jack Knife Rep 50 |
| 607 | phpypa | Phthalate Mec Weight Jack Knife Rep 51 | WTSPH51 | Phthalate Mec Weight Jack Knife Rep 51 |
| 608 | phpypa | Phthalate Mec Weight Jack Knife Rep 52 | WTSPH52 | Phthalate Mec Weight Jack Knife Rep 52 |
| 609 | phpypa | Phthalate Subsample 2 Year Mec Weight | WTSPH2YR | Phthalate Subsample 2 Year Mec Weight |
| 610 | phpypa | Phthalate Subsample 4 Year Mec Weight | WTSPH4YR | Phthalate Subsample 4 Year Mec Weight |
| 611 | lab10am | Plasma glucose | LBXGLUSI | Plasma glucose: SI(mmol/L) |
| 612 | lab25 | Platelet count | LBXPLTSI | Platelet count (%) SI |
| 613 | lab06hm | Platinum, urine | URXUPT | Platinum, urine (ng/mL) |
| 614 | lab18 | Potassium | LBXSKSI | Potassium (mmol/L) |
| 615 | lab28poc | ppDDE Lipid Adj | LBXPDELA | ppDDE Lipid Adj (ng/g) |
| 616 | lab28poc | ppDDT Lipid Adj | LBXPDTLA | ppDDT Lipid Adj (ng/g) |
| 617 | lab26pp | PPesticides Mec Weight Jack Knife Rep 01 | WTSPP01 | PPesticides Mec Weight Jack Knife Rep 01 |
| 618 | lab26pp | PPesticides Mec Weight Jack Knife Rep 02 | WTSPP02 | PPesticides Mec Weight Jack Knife Rep 02 |
| 619 | lab26pp | PPesticides Mec Weight Jack Knife Rep 03 | WTSPP03 | PPesticides Mec Weight Jack Knife Rep 03 |
| 620 | lab26pp | PPesticides Mec Weight Jack Knife Rep 04 | WTSPP04 | PPesticides Mec Weight Jack Knife Rep 04 |
| 621 | lab26pp | PPesticides Mec Weight Jack Knife Rep 05 | WTSPP05 | PPesticides Mec Weight Jack Knife Rep 05 |
| 622 | lab26pp | PPesticides Mec Weight Jack Knife Rep 06 | WTSPP06 | PPesticides Mec Weight Jack Knife Rep 06 |
| 623 | lab26pp | PPesticides Mec Weight Jack Knife Rep 07 | WTSPP07 | PPesticides Mec Weight Jack Knife Rep 07 |
| 624 | lab26pp | PPesticides Mec Weight Jack Knife Rep 08 | WTSPP08 | PPesticides Mec Weight Jack Knife Rep 08 |
| 625 | lab26pp | PPesticides Mec Weight Jack Knife Rep 09 | WTSPP09 | PPesticides Mec Weight Jack Knife Rep 09 |
| 626 | lab26pp | PPesticides Mec Weight Jack Knife Rep 10 | WTSPP10 | PPesticides Mec Weight Jack Knife Rep 10 |
| 627 | lab26pp | PPesticides Mec Weight Jack Knife Rep 11 | WTSPP11 | PPesticides Mec Weight Jack Knife Rep 11 |
| 628 | lab26pp | PPesticides Mec Weight Jack Knife Rep 12 | WTSPP12 | PPesticides Mec Weight Jack Knife Rep 12 |
| 629 | lab26pp | PPesticides Mec Weight Jack Knife Rep 13 | WTSPP13 | PPesticides Mec Weight Jack Knife Rep 13 |
| 630 | lab26pp | PPesticides Mec Weight Jack Knife Rep 14 | WTSPP14 | PPesticides Mec Weight Jack Knife Rep 14 |
| 631 | lab26pp | PPesticides Mec Weight Jack Knife Rep 15 | WTSPP15 | PPesticides Mec Weight Jack Knife Rep 15 |
| 632 | lab26pp | PPesticides Mec Weight Jack Knife Rep 16 | WTSPP16 | PPesticides Mec Weight Jack Knife Rep 16 |
| 633 | lab26pp | PPesticides Mec Weight Jack Knife Rep 17 | WTSPP17 | PPesticides Mec Weight Jack Knife Rep 17 |
| 634 | lab26pp | PPesticides Mec Weight Jack Knife Rep 18 | WTSPP18 | PPesticides Mec Weight Jack Knife Rep 18 |
| 635 | lab26pp | PPesticides Mec Weight Jack Knife Rep 19 | WTSPP19 | PPesticides Mec Weight Jack Knife Rep 19 |
| 636 | lab26pp | PPesticides Mec Weight Jack Knife Rep 20 | WTSPP20 | PPesticides Mec Weight Jack Knife Rep 20 |
| 637 | lab26pp | PPesticides Mec Weight Jack Knife Rep 21 | WTSPP21 | PPesticides Mec Weight Jack Knife Rep 21 |
| 638 | lab26pp | PPesticides Mec Weight Jack Knife Rep 22 | WTSPP22 | PPesticides Mec Weight Jack Knife Rep 22 |
| 639 | lab26pp | PPesticides Mec Weight Jack Knife Rep 23 | WTSPP23 | PPesticides Mec Weight Jack Knife Rep 23 |
| 640 | lab26pp | PPesticides Mec Weight Jack Knife Rep 24 | WTSPP24 | PPesticides Mec Weight Jack Knife Rep 24 |
| 641 | lab26pp | PPesticides Mec Weight Jack Knife Rep 25 | WTSPP25 | PPesticides Mec Weight Jack Knife Rep 25 |
| 642 | lab26pp | PPesticides Mec Weight Jack Knife Rep 26 | WTSPP26 | PPesticides Mec Weight Jack Knife Rep 26 |
| 643 | lab26pp | PPesticides Mec Weight Jack Knife Rep 27 | WTSPP27 | PPesticides Mec Weight Jack Knife Rep 27 |
| 644 | lab26pp | PPesticides Mec Weight Jack Knife Rep 28 | WTSPP28 | PPesticides Mec Weight Jack Knife Rep 28 |
| 645 | lab26pp | PPesticides Mec Weight Jack Knife Rep 29 | WTSPP29 | PPesticides Mec Weight Jack Knife Rep 29 |
| 646 | lab26pp | PPesticides Mec Weight Jack Knife Rep 30 | WTSPP30 | PPesticides Mec Weight Jack Knife Rep 30 |
| 647 | lab26pp | PPesticides Mec Weight Jack Knife Rep 31 | WTSPP31 | PPesticides Mec Weight Jack Knife Rep 31 |
| 648 | lab26pp | PPesticides Mec Weight Jack Knife Rep 32 | WTSPP32 | PPesticides Mec Weight Jack Knife Rep 32 |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|--|-------------|--|
| 649 | lab26pp | PPesticides Mec Weight Jack Knife Rep 33 | WTSPP33 | PPesticides Mec Weight Jack Knife Rep 33 |
| 650 | lab26pp | PPesticides Mec Weight Jack Knife Rep 34 | WTSPP34 | PPesticides Mec Weight Jack Knife Rep 34 |
| 651 | lab26pp | PPesticides Mec Weight Jack Knife Rep 35 | WTSPP35 | PPesticides Mec Weight Jack Knife Rep 35 |
| 652 | lab26pp | PPesticides Mec Weight Jack Knife Rep 36 | WTSPP36 | PPesticides Mec Weight Jack Knife Rep 36 |
| 653 | lab26pp | PPesticides Mec Weight Jack Knife Rep 37 | WTSPP37 | PPesticides Mec Weight Jack Knife Rep 37 |
| 654 | lab26pp | PPesticides Mec Weight Jack Knife Rep 38 | WTSPP38 | PPesticides Mec Weight Jack Knife Rep 38 |
| 655 | lab26pp | PPesticides Mec Weight Jack Knife Rep 39 | WTSPP39 | PPesticides Mec Weight Jack Knife Rep 39 |
| 656 | lab26pp | PPesticides Mec Weight Jack Knife Rep 40 | WTSPP40 | PPesticides Mec Weight Jack Knife Rep 40 |
| 657 | lab26pp | PPesticides Mec Weight Jack Knife Rep 41 | WTSPP41 | PPesticides Mec Weight Jack Knife Rep 41 |
| 658 | lab26pp | PPesticides Mec Weight Jack Knife Rep 42 | WTSPP42 | PPesticides Mec Weight Jack Knife Rep 42 |
| 659 | lab26pp | PPesticides Mec Weight Jack Knife Rep 43 | WTSPP43 | PPesticides Mec Weight Jack Knife Rep 43 |
| 660 | lab26pp | PPesticides Mec Weight Jack Knife Rep 44 | WTSPP44 | PPesticides Mec Weight Jack Knife Rep 44 |
| 661 | lab26pp | PPesticides Mec Weight Jack Knife Rep 45 | WTSPP45 | PPesticides Mec Weight Jack Knife Rep 45 |
| 662 | lab26pp | PPesticides Mec Weight Jack Knife Rep 46 | WTSPP46 | PPesticides Mec Weight Jack Knife Rep 46 |
| 663 | lab26pp | PPesticides Mec Weight Jack Knife Rep 47 | WTSPP47 | PPesticides Mec Weight Jack Knife Rep 47 |
| 664 | lab26pp | PPesticides Mec Weight Jack Knife Rep 48 | WTSPP48 | PPesticides Mec Weight Jack Knife Rep 48 |
| 665 | lab26pp | PPesticides Mec Weight Jack Knife Rep 49 | WTSPP49 | PPesticides Mec Weight Jack Knife Rep 49 |
| 666 | lab26pp | PPesticides Mec Weight Jack Knife Rep 50 | WTSPP50 | PPesticides Mec Weight Jack Knife Rep 50 |
| 667 | lab26pp | PPesticides Mec Weight Jack Knife Rep 51 | WTSPP51 | PPesticides Mec Weight Jack Knife Rep 51 |
| 668 | lab26pp | PPesticides Mec Weight Jack Knife Rep 52 | WTSPP52 | PPesticides Mec Weight Jack Knife Rep 52 |
| 669 | lab26pp | PPesticides Subsample 2 Year Mec Weight | WTSPP2YR | PPesticides Subsample 2 Year Mec Weight |
| 670 | lab26pp | PPesticides Subsample 4 Year Mec Weight | WTSPP4YR | PPesticides Subsample 4 Year Mec Weight |
| 671 | uc | Pregnancy test result | URXPREG | Pregnancy test result |
| 672 | lab18 | Protein, total | LBDSTPSI | Protein, total (g/L) |
| 673 | lab18 | Protein, total | LBXSTP | Protein, total (g/dL) |
| 674 | lab06 | Protoporphyrin | LBDEPPSI | Protoporphyrin (umol/L RBC) |
| 675 | lab06 | Protoporphyrin | LBXEPP | Protoporphyrin (ug/dL RBC) |
| 676 | lab21 | Pump gas into a car or motor vehicle? | VTQ130 | Pump gas into a car or motor vehicle? |
| 677 | lab25 | Red blood cell count | LBXRBCSI | Red cell count SI |
| 678 | lab25 | Red cell distribution width | LBXRDW | Red cell distribution width (%) |
| 679 | l02hbs | Respondent sequence number | SEQN | Respondent sequence number |
| 680 | lab02 | Respondent sequence number | SEQN | Respondent sequence number |
| 681 | lab02hpa | Respondent sequence number | SEQN | Respondent sequence number |
| 682 | lab03 | Respondent sequence number | SEQN | Respondent sequence number |
| 683 | lab04 | Respondent sequence number | SEQN | Respondent sequence number |
| 684 | lab05 | Respondent sequence number | SEQN | Respondent sequence number |
| 685 | lab06 | Respondent sequence number | SEQN | Respondent sequence number |
| 686 | lab06hm | Respondent sequence number | SEQN | Respondent sequence number |
| 687 | lab07 | Respondent sequence number | SEQN | Respondent sequence number |
| 688 | lab09 | Respondent sequence number | SEQN | Respondent sequence number |
| 689 | lab10 | Respondent sequence number | SEQN | Respondent sequence number |
| 690 | lab10am | Respondent sequence number | SEQN | Respondent sequence number |
| 691 | lab11 | Respondent sequence number | SEQN | Respondent sequence number |
| 692 | lab13 | Respondent sequence number | SEQN | Respondent sequence number |
| 693 | lab13am | Respondent sequence number | SEQN | Respondent sequence number |
| 694 | lab16 | Respondent sequence number | SEQN | Respondent sequence number |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|---|-------------|---|
| 695 | lab17 | Respondent sequence number | SEQN | Respondent sequence number |
| 696 | lab18 | Respondent sequence number | SEQN | Respondent sequence number |
| 697 | lab18t4 | Respondent sequence number | SEQN | Respondent sequence number |
| 698 | lab19 | Respondent sequence number | SEQN | Respondent sequence number |
| 699 | lab20 | Respondent sequence number | SEQN | Respondent sequence number |
| 700 | lab21 | Respondent sequence number | SEQN | Respondent sequence number |
| 701 | lab22 | Respondent sequence number | SEQN | Respondent sequence number |
| 702 | lab25 | Respondent sequence number | SEQN | Respondent sequence number |
| 703 | lab26pp | Respondent sequence number | SEQN | Respondent sequence number |
| 704 | lab28poc | Respondent sequence number | SEQN | Respondent sequence number |
| 705 | ph | Respondent sequence number | SEQN | Respondent sequence number |
| 706 | phpypa | Respondent sequence number | SEQN | Respondent sequence number |
| 707 | uc | Respondent sequence number | SEQN | Respondent sequence number |
| 708 | lab06 | Retinyl palmitate | LBDRPLSI | Retinyl palmitate (umol/L) |
| 709 | lab06 | Retinyl palmitate | LBXRPL | Retinyl palmitate (ug/dL) |
| 710 | lab06 | Retinyl stearate | LBDRSTSI | Retinyl stearate(umol/L) |
| 711 | lab06 | Retinyl stearate | LBXRST | Retinyl stearate (ug/dL) |
| 712 | lab20 | Room cleanliness | DCQ400 | Room cleanliness |
| 713 | lab20 | Room clutter | DCQ410 | Room clutter |
| 714 | lab20 | Room selected had area rug | DCQ070C | Room selected had area rug |
| 715 | lab20 | Room selected had floor mat | DCQ070B | Room selected had floor mat |
| 716 | lab20 | Room selected had wall-wall carpeting | DCQ070D | Room selected had wall-wall carpeting |
| 717 | lab20 | Room selected was floor carpeted | DCD070A | Room selected was floor carpeted |
| 718 | lab20 | Room where samples taken | DCD030 | Room where samples taken |
| 719 | lab19 | Rubella | LBDRUIU | Rubella International Units |
| 720 | lab25 | Segmented neutrophils number | LBDNENO | Segmented neutrophils number |
| 721 | lab25 | Segmented neutrophils percent | LBXNEPCT | Segmented neutrophils percent (%) |
| 722 | lab06 | Selenium | LBDSELSI | Selenium (nmol/L) |
| 723 | lab06 | Selenium | LBXSEL | Selenium (ng/mL) |
| 724 | ph | Session in which SP was examined | PHDSESN | Session in which SP was examined |
| 725 | lab18 | Sodium | LBXSNASI | Sodium (mmol/L) |
| 726 | lab21 | Store paints or fuels inside your home? | VTQ080 | Store paints or fuels inside your home? |
| 727 | lab20 | Surface condition for floor dust sample | DCQ160 | Surface condition for floor dust sample |
| 728 | lab20 | Surface condition for sill dust sample | DCQ250 | Surface condition for sill dust sample |
| 729 | lab21 | Tetrachloroethene (ug/cubic meter) | LBXZTE | Tetrachloroethene (ug/cubic meter) |
| 730 | lab21 | Tetrachloroethene comment | LBDZTELC | Tetrachloroethene comment |
| 731 | lab06hm | Thallium, urine | URXUTL | Thallium, urine (ng/mL) |
| 732 | lab18t4 | Thyroid hormones Subsample 2 yr Mec Wgt | WTSTH2YR | Thyroid hormones Subsample 2 yr Mec Wgt |
| 733 | lab18t4 | Thyroid hormones Subsample 4 yr Mec Wgt | WTSTH4YR | Thyroid hormones Subsample 4 yr Mec Wgt |
| 734 | lab18t4 | Thyroid stim hormone (TSH) (IU/L) | LBXTSH | Thyroid stim hormone (TSH) (IU/L) |
| 735 | lab18t4 | Thyroxine (T4) (nmol/L) | LBDT4SI | Thyroxine (T4) (nmol/L) |
| 736 | lab18t4 | Thyroxine (T4) (ug/dL) | LBXT4 | Thyroxine (T4) (ug/dL) |
| 737 | lab06 | TIBC | LBDTIBSI | TIBC (umol/L) |
| 738 | lab06 | TIBC | LBXTIB | TIBC (ug/dL) |
| 739 | lab21 | Time spent at a swimming pool | VTQ140 | Time spent at a swimming pool |
| 740 | lab21 | Toluene (ug/cubic meter) | LBXZTO | Toluene (ug/cubic meter) |

| Item # File name Componen 741 lab21 Toluene comm 742 lab18 Total Calciur 743 lab18 Total Calciur 744 lab13 Total choleste | nt LBDZTOLC LBDSCASI LBXSCA | Toluene comment Calcium, total (mmol/L) |
|---|-----------------------------------|--|
| 743 lab18 Total Calciur 744 lab13 Total choleste | | |
| 744 lab13 Total choleste | LBXSCA | • • • |
| | | Calcium, total (mg/dL) |
| | bl LBDTCSI | Total cholesterol (mmol/L) |
| 745 lab13 Total choleste | bl LBXTC | Total cholesterol (mg/dL) |
| 746 lab18 Total Choleste | DI LBDSCHSI | Cholesterol, total (mmol/L) |
| 747 lab18 Total Choleste | DI LBXSCH | Cholesterol, total (mg/dL) |
| 748 ph Total length of 'food fa | st,' hours PHAFSTHR | Total length of "food fast," hours |
| 749 ph Total length of 'food fa: | | Total length of "food fast," minutes |
| 750 lab17 Toxoplasma | LBXTO1 | Toxoplasma (IgG) |
| 751 lab17 Toxoplasma | LBXTO2 | Toxoplasma (IgM) |
| 752 lab17 Toxoplasma (Avidity IgG) | nterpretation LBXTO5IN | Toxoplasma (Avidity IgG) interpretation |
| 753 lab17 Toxoplasma (Avidi | · | Toxoplasma (Avidity) IgG |
| 754 lab17 Toxoplasma (D | , 0 | Toxoplasma (Dye) |
| 755 lab17 Toxoplasma Agglutin in | • | Toxoplasma Agglutin interpretation |
| 756 lab17 Toxoplasma Differential | • | Toxoplasma Differential Agglutination |
| 757 lab26pp trans dichlorovnl-dimeth c | | trans dichlorovnl-dimeth carboacid code |
| 758 lab26pp trans dichlorovnl-dimeth c | boacid(ug/L) URXTCC | trans dichlorovnl-dimeth carboacid(ug/L) |
| 759 lab28poc trans-Nonach | , | trans-Nonachlor (ng/g) |
| 760 lab28poc trans-Nonachlor com | ent code LBDTNALC | trans-Nonachlor comment code |
| 761 lab28poc Trans-nonachlor Li | | Trans-nonachlor Lipid Adj (ng/g) |
| 762 lab06 Transferrin satur | • | Transferrin saturation (%) |
| 763 lab21 Trichloroethene (ug/cu | | Trichloroethene (ug/cubic meter) |
| 764 lab21 Trichloroethene co | nment LBDZTILC | Trichloroethene comment |
| 765 lab13am Triglyceride | LBDTRSI | Triglyceride (mmol/L) |
| 766 lab13am Triglyceride | LBXTR | Triglyceride (mg/dL) |
| 767 lab18 Triglycerides | LBDSTRSI | Triglycerides (mmol/L) |
| 768 lab18 Triglycerides | LBXSTR | Triglycerides (mg/dL) |
| 769 lab06hm Tungsten, uri | e URXUTU | Tungsten, urine (ng/mL) |
| 770 lab18 Uric acid | LBDSUASI | Uric acid (umol/L) |
| 771 lab18 Uric acid | LBXSUA | Uric acid (mg/dL) |
| 772 lab06hm Urinary cadmium com | nent code URDUCDLC | Urinary cadmium comment code |
| 773 lab19 Varicella | LBXVAR | Varicella |
| 774 lab06 Vitamin A | LBDVIASI | Vitamin A (umol/L) |
| 775 lab06 Vitamin A | LBXVIA | Vitamin A (ug/dL) |
| 776 lab06 Vitamin B12, se | um LBDB12SI | Vitamin B12, serum (pmol/L) |
| 777 lab06 Vitamin B12, se | um LBXB12 | Vitamin B12, serum (pg/mL) |
| 778 lab06 Vitamin E | LBDVIESI | Vitamin E (umol/L) |
| 779 lab06 Vitamin E | LBXVIE | Vitamin E (ug/dL) |
| 780 lab21 VOC badge sample du | tion-hours LBAVOCSD | VOC badge sample duration-hours |
| 781 lab04 VOC subsample 2 yr N | EC Weight WTSVOC2Y | VOC subsample 2 yr MEC Weight |
| 782 lab21 VOC subsample 2 yr M | EC Weight WTSVOC2Y | VOC subsample 2 yr MEC Weight |
| 783 lab04 VOC subsample 4 yr N | EC Weight WTSVOC4Y | VOC subsample 4 yr MEC Weight |
| 784 lab04 Water Bromodichlorome | ane (ng/ml) LBXWBM | Water Bromodichloromethane (ng/ml) |
| 785 lab04 Water Bromodichloromethan | Comment Code LBDWBMLC | Water Bromodichloromethane Comment Code |
| 786 lab04 Water Bromoform | ng/ml) LBXWBF | Water Bromoform (ng/ml) |

| Item # | File name | Component | Variable ID | Label |
|--------|-----------|---|-------------|---|
| 787 | lab04 | Water Bromoform Comment Code | LBDWBFLC | Water Bromoform Comment Code |
| 788 | lab04 | Water Chloroform (ng/ml) | LBXWCF | Water Chloroform (ng/ml) |
| 789 | lab04 | Water Chloroform Comment Code | LBDWCFLC | Water Chloroform Comment Code |
| 790 | lab04 | Water Dibromochloromethane (ng/ml) | LBXWCM | Water Dibromochloromethane (ng/ml) |
| 791 | lab04 | Water Dibromochloromethane Comment Code | LBDWCMLC | Water Dibromochloromethane Comment Code |
| 792 | lab04 | Water MTBE (ng/ml) | LBXWME | Water MTBE (ng/ml) |
| 793 | lab04 | Water MTBE Comment Code | LBDWMELC | Water MTBE Comment Code |
| 794 | lab21 | Wear the exposure badge at all times? | VTQ015 | Wear the exposure badge at all times? |
| 795 | lab21 | Were any windows open in your home? | VTQ100 | Were any windows open in your home? |
| 796 | lab25 | White blood cell count | LBXWBCSI | White blood cell count (SI) |
| 797 | lab20 | Window sill finished | DCQ240 | Window sill finished |
| 798 | lab20 | Window, FAAS (ug/sq. ft.) | LBDDWS | Window, FAAS (ug/sq. ft.) |