**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 21 Volatile Organic Compounds (Subsample)

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### NHANES 1999–2000 Data Documentation April 2005

Lab 21 – Volatile Organic Compounds (VOC)

#### **Description**

Nearly 200 toxic air contaminants have been associated with adverse health effects in occupational studies or laboratory studies, but have not been monitored in general population groups. Information on levels of exposure to these compounds is essential to determine the need for regulatory mechanisms to reduce the levels of hazardous air pollutants to which the general population is exposed.

In this component, personal exposure to air toxics (specifically, volatile organic compounds, or VOCs) were assessed through the use of passive exposure monitors (or badges) worn by participants for a period of 48–72 hours. The following 10 VOCs were measured in the personal exposure badges: benzene, chloroform, ethylbenzene, tetrachloroethene, toluene, trichloroethene, o-xylene, m-,p-xylene, 1,4-dichlorobenzene, and methyl tert-butyl ether (MTBE).

Participants began wearing the exposure monitors when they left the mobile examination center (MEC) after completing an examination and returned the badges 48–72 hours later, either at the MEC or the field office. During the return visit, a short questionnaire was administered to participants to assess personal activities and exposures related to VOC measures. The questionnaire data are included in this file.

#### **Eligible Sample and Component-Specific Exclusions:**

For the survey years, the eligible sample was as follows: in 1999, there was a one-fourth subsample of persons 20–59 years; in 2000, there was a one-third subsample of persons 20–59 years. There were no component-specific exclusions.

#### **Laboratory Protocol**

Two different laboratories assessed VOCs in exposure monitors.

#### Lab 1

A selected group of VOCs in vapor form are measured by a modification of Method 7 of the Occupational Safety and Health Administration (OSHA) of the U. S. Dept. of Labor (1). The method has been modified to use 3M 3520 Organic Vapor Monitors (OVM) (manufactured without glued-on labels) as the sampling media and gas chromatography/mass spectrometry (GC/MS) as the detection device (2). Sampling times have been extended for additional sensitivity. The vapors are quantified by desorption from the collection media with a solution of carbon disulfide and acetone, and identified and measured against a standard curve on the GC/MS. The GC/MS is operated in the selected-ion-monitoring mode (SIM) for additional sensitivity.

#### Lab 2

Analysis is performed using an HP 5890 Series II Plus GC (Gas Chromatograph) with an HP 5972 MSD (Mass Selective Detector Quadrupole Mass Spectrometer) and EnviroQuant software. We initially used a Restek RTX-1, 60 m, 0.25 mm ID column and a 1-µm film thickness (catalog #10156; Restek Corp., Bellefonte, PA) with good separation for all target analytes. More recently, we have been using a Restek RTX B624, 60 m, 0.25 mm ID with 1.4-µm thickness column (catalog # 10969), which provides even better resolution for separation of the solvent peaks and methylene chloride. With the last column, the gas chromatography-mass spectrometry (GC/MS) conditions are:

- scan mode from 35 to 260 amu.
- injection splitless for 0.5 min and splitting 50:1 for the rest of the run.
- helium carrier; initial pressure 3 psi for 0.5 min, ramp 90 psi/min to 22.5 psi; linear velocity 31.1 cm/sec.
- injection port temperature 180°C.
- detector temperature 250°C.
- temperature program: start at 40°C, hold for 12 min, ramp at 8°C/min to 200°C.

#### **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 complete comprehensive training in standardized laboratory procedures before they begin working in the MEC.

#### **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**

#### **MECs**

Laboratory team performance is monitored by using several techniques. NCHS and contract consultants use a structured quality assurance (QA) evaluation during unscheduled visits to evaluate both the quality of the laboratory work and the quality-control (QC) 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 member. Formal retraining sessions are conducted annually to ensure that required skill levels are 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 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% of all specimens.

NCHS developed and distributed a quality control protocol for all the contract laboratories outlining the Westgaard 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 periodically reviewed for trends or shifts in the data, and the laboratories are required to explain any identified areas of concern. NCHS/Westat are currently reviewing these reports.

The comparability of the measures between the two laboratories was evaluated through review by an expert panel.

#### **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 21 laboratories across the United States.

Guidelines have been developed that provide standards for naming variables, filling missing values, and handling missing records. NCHS staff, assisted by contract staff, have 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 have been 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.

#### **Data Editing**

The data editing specifications are as follows:

- Age and gender checks;
- Total number of observations complete for each field;
- No field overlap, truncated values, or weird results:
- Direct data entry (DDE) errors;

- Abnormal results confirmed by lab;
- Test algorithm performed;
- Checked comment codes to resolve missing results and missing records;
- All missing results and missing MEC-examined records are accounted;
- Duplicate records were verified and deleted; and
- Below detection limit formula was applied.

#### **Analytic Notes**

The values for the analytes are expressed as the weight of the analyte per cubic meter. The number of cubic meters is derived from the period of time the exposure monitor was used. The variable LBAVOCSD indicates the number of hours the monitor was used.

Detection limits varied by time period for these analytes. A derived variable for each analyte, LBD\_LC, was created to indicate those results that were below the limit of detection. Detection limits were standardized for 48-hour sample duration. If the result was below the limit of detection, the value provided for the analyte is the detection limit adjusted for the actual duration the badge was exposed (LBAVOCSD) divided by the square root of 2.

#### **Special Notes about this Dataset**

Measures for this component were assessed in a randomly selected subsample of participants aged 12–59 years. Specific sample weights for this subsample are included in this data file and should be used when analyzing these data.

The dataset includes 2-year subsample weights. The recommended procedure for variance estimation requires use of stratum and PSU variables (SDMVSTRA and SDMVPSU, respectively), which are included in the demographic data file for each data release. For further information, see the NHANES Analytic Guidelines, June 2004 version at: <a href="http://www.cdc.gov/nchs/data/nhanes/nhanes\_general\_guidelines\_june\_04.pdf">http://www.cdc.gov/nchs/data/nhanes/nhanes\_general\_guidelines\_june\_04.pdf</a>.

#### References

- 1. Organic Vapors, Method 07, OSHA Sampling and Analytical Methods Manual.
- 2. Morandi MT, Stock TH. Personal Exposures to Toxic Air Pollutants. Vol. 2. Houston: University of Texas; 1998.

#### National Health and Nutrition Examination Survey Codebook for Data Production (1999-2000)

#### Volatile Organic Compounds (LAB21) Person Level Data

First Published: July 2005

Last revised: October 2006

| SEQN                                      | Target                     |
|---|----------------------------|
|   | B(20 Yrs. to 59 Yrs.)      |
| Hard Edits                                | SAS Label                  |
|   | Respondent sequence number |
| English Text: Respondent sequence number. |                            |
| English Instructions:                     |                            |

| WTSVOC2Y              | Target                        |
|-----------------------|-------------------------------|
|                       | B(20 Yrs. to 59 Yrs.)         |
| Hard Edits            | SAS Label                     |
|                       | VOC subsample 2 yr MEC Weight |
| English Text:         |                               |
| English Instructions: |                               |
| Codes:                | Skip To Values:               |
| 0= Non-Responder      | nt                            |
| >0= Respondent        |                               |

| LBXZBZ                                 | Target                   |
|--|--------------------------|
|  | B(20 Yrs. to 59 Yrs.)    |
| Hard Edits                             | SAS Label                |
|  | Benzene (ug/cubic meter) |
| English Text: Benzene (ug/cubic meter) |                          |
| English Instructions:                  |                          |

| LBDZBZLC | Target                |
|----------|-----------------------|
|          | B(20 Yrs. to 59 Yrs.) |

| Hard Edits                                    | SAS Label       |
|---|-----------------|
|   | Benzene comment |
| English Text:                                 |                 |
| <b>English Instructions:</b>                  |                 |
| Codes:  | Skip To Values: |
| 0= Result at or above the limit of detection. |                 |
| 1= Result below the limit of detection.       |                 |

| LBXZCF                                    | Target                      |
|---|-----------------------------|
|   | B(20 Yrs. to 59 Yrs.)       |
| Hard Edits                                | SAS Label                   |
|   | Chloroform (ug/cubic meter) |
| English Text: Chloroform (ug/cubic meter) |                             |
| English Instructions:                     |                             |

| LBDZCFLC                                      | Target                |
|---|-----------------------|
|   | B(20 Yrs. to 59 Yrs.) |
| Hard Edits                                    | SAS Label             |
|   | Chloroform comment    |
| <b>English Text:</b>                          |                       |
| English Instructions:                         |                       |
| Codes: Skip To Values                         |                       |
| 0= Result at or above the limit of detection. |                       |
| 1= Result below the limit of detection.       |                       |

| LBXZEB                                      | Target                        |
|---|-------------------------------|
|   | B(20 Yrs. to 59 Yrs.)         |
| Hard Edits                                  | SAS Label                     |
|   | Ethylbenzene (ug/cubic meter) |
| English Text: Ethylbenzene (ug/cubic meter) |                               |
| English Instructions:                       |                               |

| LBDZEBLC   | Target                |
|------------|-----------------------|
|            | B(20 Yrs. to 59 Yrs.) |
| Hard Edits | SAS Label             |

|   | Ethylbenzene comment  |
|---|-----------------------|
| <b>English Text:</b>                          |                       |
| <b>English Instructions:</b>                  |                       |
| Codes:  | Skip To Values:       |
| 0= Result at or above the limit of detection. |                       |
| 1= Result below the                           | e limit of detection. |

| LBXZTE   | Target                             |
|--|------------------------------------|
|  | B(20 Yrs. to 59 Yrs.)              |
| Hard Edits                                       | SAS Label                          |
|  | Tetrachloroethene (ug/cubic meter) |
| English Text: Tetrachloroethene (ug/cubic meter) |                                    |
| English Instructions:                            |                                    |

| Target  |  |
|---|--|
| B(20 Yrs. to 59 Yrs.)                         |  |
| SAS Label                                     |  |
| Tetrachloroethene comment                     |  |
|   |  |
|   |  |
| Codes: Skip To Values:                        |  |
| 0= Result at or above the limit of detection. |  |
| 1= Result below the limit of detection.       |  |
|   |  |

| LBXZTO                                 | Target                   |
|--|--------------------------|
|  | B(20 Yrs. to 59 Yrs.)    |
| Hard Edits                             | SAS Label                |
|  | Toluene (ug/cubic meter) |
| English Text: Toluene (ug/cubic meter) |                          |
| English Instructions:                  |                          |

| LBDZTOLC   | Target                |
|------------|-----------------------|
|            | B(20 Yrs. to 59 Yrs.) |
| Hard Edits | SAS Label             |
|            | Toluene comment       |

| English Text:                                 |                 |
|---|-----------------|
| English Instructions:                         |                 |
| Codes:  | Skip To Values: |
| 0= Result at or above the limit of detection. |                 |
| 1= Result below the limit of detection.       |                 |

| LBXZTI   | Target                           |
|--|----------------------------------|
|  | B(20 Yrs. to 59 Yrs.)            |
| Hard Edits                                     | SAS Label                        |
|  | Trichloroethene (ug/cubic meter) |
| English Text: Trichloroethene (ug/cubic meter) |                                  |
| English Instructions:                          |                                  |

| LBDZTILC                                      | Target                  |
|---|-------------------------|
|   | B(20 Yrs. to 59 Yrs.)   |
| Hard Edits                                    | SAS Label               |
|   | Trichloroethene comment |
| <b>English Text:</b>                          |                         |
| English Instructions:                         |                         |
| Codes: Skip To Values:                        |                         |
| 0= Result at or above the limit of detection. |                         |
| 1= Result below the limit of detection.       |                         |

| LBXZOX                                  | Target                    |
|---|---------------------------|
|   | B(20 Yrs. to 59 Yrs.)     |
| Hard Edits                              | SAS Label                 |
|   | o-Xylene (ug/cubic meter) |
| English Text: o-Xylene (ug/cubic meter) |                           |
| English Instructions:                   |                           |

| LBDZOXLC             | Target                |
|----------------------|-----------------------|
|                      | B(20 Yrs. to 59 Yrs.) |
| Hard Edits           | SAS Label             |
|                      | o-Xylene comment      |
| <b>English Text:</b> |                       |

#### **English Instructions:**

Codes: Skip To Values:

0= Result at or above the limit of detection.

1= Result below the limit of detection.

| LBXZXY                                    | Target                      |
|---|-----------------------------|
|   | B(20 Yrs. to 59 Yrs.)       |
| Hard Edits                                | SAS Label                   |
|   | m,p-Xylene (ug/cubic meter) |
| English Text: M,p-Xylene (ug/cubic meter) |                             |
| English Instructions:                     |                             |

| LBDZXYLC                     | Target                       |
|------------------------------|------------------------------|
|                              | B(20 Yrs. to 59 Yrs.)        |
| Hard Edits                   | SAS Label                    |
|                              | m,p-Xylene comment           |
| English Text:                |                              |
| <b>English Instructions:</b> |                              |
| Codes:                       | Skip To Values:              |
| 0= Result at or a            | bove the limit of detection. |
| 1= Result below              | the limit of detection.      |

| LBXZDB   | Target                               |
|--|--------------------------------------|
|  | B(20 Yrs. to 59 Yrs.)                |
| Hard Edits   | SAS Label                            |
|  | 1,4-dichlorobenzene (ug/cubic meter) |
| English Text: 1,4-dichlorobenzene (ug/cubic meter) |                                      |
| English Instructions:                              |                                      |

| LBDZDBLC                     | Target                      |
|------------------------------|-----------------------------|
|                              | B(20 Yrs. to 59 Yrs.)       |
| Hard Edits                   | SAS Label                   |
|                              | 1,4-dichlorobenzene comment |
| English Text:                |                             |
| <b>English Instructions:</b> |                             |

Codes: Skip To Values:

0= Result below the limit of detection.

1= Result at or above the limit of detection.

| LBXZMB                              | Target                |
|-------------------------------------|-----------------------|
|                                     | B(20 Yrs. to 59 Yrs.) |
| Hard Edits                          | SAS Label             |
|                                     | MTBE (ug/cubic meter) |
| English Text: MTBE (ug/cubic meter) |                       |
| English Instructions:               |                       |

| LBDZMBLC                                | Target                       |
|---|------------------------------|
|   | B(20 Yrs. to 59 Yrs.)        |
| Hard Edits                              | SAS Label                    |
|   | MTBE comment                 |
| English Text:                           |                              |
| <b>English Instructions:</b>            |                              |
| Codes:                                  | Skip To Values:              |
| 0= Result at or a                       | pove the limit of detection. |
| 1= Result below the limit of detection. |                              |

| LBAVOCSD   | Target                            |
|--|-----------------------------------|
|  | B(20 Yrs. to 59 Yrs.)             |
| Hard Edits   | SAS Label                         |
|  | VOC badge sample duration-minutes |
| <b>English Text:</b> The time (in minutes) between start time of wearing the badge and stop time of wearing the badge. |                                   |
| English Instructions:  |                                   |

| VTQ015                                | Target                |
|---------------------------------------|-----------------------|
|                                       | B(20 Yrs. to 59 Yrs.) |
| Hard Edits                            | SAS Label             |
| Wear the exposure badge at all times? |                       |

**English Text:** Did you wear the exposure monitoring badge at all times since you received the badge?

| English Instructions: |                 |
|-----------------------|-----------------|
| Codes:                | Skip To Values: |
| 1= Yes                |                 |
| 2= No                 |                 |

| VTQ020   | Target                |
|--|-----------------------|
|  | B(20 Yrs. to 59 Yrs.) |
| Hard Edits   | SAS Label             |
|  | Hours badge not worn  |
| <b>English Text:</b> Approximately what was the number of hours that you did not wear the badge? |                       |
| English Instructions:  |                       |

| VTQ030  | Target                       |
|---|------------------------------|
| V1Q050  | B(20 Yrs. to 59 Yrs.)        |
| Hard Edits  | SAS Label                    |
|   | Home has an attached garage? |
| <b>English Text:</b> I would like to ask you a few questions about your home. Does your home have an attached garage? |                              |

have an attached garage?

#### **English Instructions:**

**Codes: Skip To Values:** 

1= Yes

2= No

7= Refused

9= Don't know

| VTQ040  | Target                            |  |
|---|-----------------------------------|--|
|   | B(20 Yrs. to 59 Yrs.)             |  |
| Hard Edits  | SAS Label                         |  |
|   | Home built less than 5 years ago? |  |
| English Text: Was your home or building originally built less than 5 years ago? |                                   |  |
| English Instructions:   |                                   |  |
| Codes:  | Skip To Values:                   |  |
| 1= Yes  |                                   |  |
| 2= No   |                                   |  |

7= Refused

9= Don't know

| VTQ050     | Target                               |
|------------|--------------------------------------|
| 110000     | B(20 Yrs. to 59 Yrs.)                |
| Hard Edits | SAS Label                            |
|            | Description of street where you live |

**English Text:** Which one of the following is the best description of the street that you live on? Is it a...

#### **English Instructions:**

Codes: Skip To Values:

1= Rural or country road

2= Dead-end residential street

3= Through residential street

4= Commercial street

5= Major highway

7= Refused

7= Refused 9= Don't know

9= Don't know

| VTQ060   | Target                                 |  |
|--|--|--|
|  | B(20 Yrs. to 59 Yrs.)                  |  |
| Hard Edits   | SAS Label                              |  |
|  | Natural gas, or electric kitchen stove |  |
| English Text: Does your kitchen stove use natural gas, electricity, or something else? |  |  |
| <b>English Instructions:</b>   |  |  |
| Codes:   | Skip To Values:                        |  |
| 1= Natural gas   |  |  |
| 2= Electricity   |  |  |
| 3= Something else  |  |  |

| VTQ070     | Target                |
|------------|-----------------------|
|            | B(20 Yrs. to 59 Yrs.) |
| Hard Edits | SAS Label             |

In the past 6 months, have new carpet

**English Text:** In the past 6 months, have any new carpets or rugs been placed in your home or your work area at your workplace or school? Please only consider wall-to-wall carpeting or room-sized rugs.

#### **English Instructions:**

Codes:

**Skip To Values:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ080  | Target   |  |
|---|--|--|
|   | B(20 Yrs. to 59 Yrs.)                                  |  |
| Hard Edits  | SAS Label  |  |
|   | Store paints or fuels inside your home?                |  |
| English Text: Do you store p (and attached garage.) | aints or fuels inside your home? Include your basement |  |
| English Instructions:                               |  |  |
| Codes:  | Skip To Values:  |  |
| 1= Yes  |  |  |
| 2= No   |  |  |
| 7= Refused  |  |  |
| 9= Don't know                                       |  |  |

| VTQ090     | Target                       |
|------------|------------------------------|
|            | B(20 Yrs. to 59 Yrs.)        |
| Hard Edits | SAS Label                    |
|            | Hours spent indoors at home? |

**English Text:** During the time you used your exposure badge, about how many hours did you spend indoors at home? Include time spent sleeping.

**English Instructions:** Now I am going to ask you a few questions about your activities when you used your exposure badge. This covers the time since you received the exposure badge hours ago up until this appointment.

| VTQ100    | Target                |
|-----------|-----------------------|
| V 1 Q 100 | B(20 Yrs. to 59 Yrs.) |

| Hard Edits  | SAS Label                           |
|---|-------------------------------------|
|   | Were any windows open in your home? |
| English Text: Were any windows open in your home? |                                     |
| English Instructions:                             |                                     |
| Codes:  | Skip To Values:                     |
| 1= Yes  |                                     |
| 2= No   |                                     |
| 7= Refused  |                                     |
| 9= Don't know                                     |                                     |

| VTQ110   | Target                             |
|--|------------------------------------|
|  | B(20 Yrs. to 59 Yrs.)              |
| Hard Edits   | SAS Label                          |
|  | Hours spent indoors at work/school |
| English Text: About how many hours did you spend indoors at work or at school? |                                    |
| English Instructions:  |                                    |

| VTQ120   | Target                |
|--|-----------------------|
|  | B(20 Yrs. to 59 Yrs.) |
| Hard Edits   | SAS Label             |
|  | Hours spent outdoors  |
| English Text: About how many hours did you spend outdoors? |                       |
| English Instructions:                                      |                       |

| VTQ130                       | Target  |  |
|------------------------------|---|--|
|                              | B(20 Yrs. to 59 Yrs.)                           |  |
| Hard Edits                   | SAS Label                                       |  |
|                              | Pump gas into a car or motor vehicle?           |  |
| English Text: Did you pump   | gas into a car or other motor vehicle yourself? |  |
| <b>English Instructions:</b> |   |  |
| Codes:                       | Skip To Values:                                 |  |
| 1= Yes                       |   |  |
| 2= No                        |   |  |
| 7= Refused                   |   |  |
| 9= Don't know                |   |  |

| VTQ140                       | Target                        |
|------------------------------|-------------------------------|
| , 1 (2110                    | B(20 Yrs. to 59 Yrs.)         |
| Hard Edits                   | SAS Label                     |
|                              | Time spent at a swimming pool |
| English Text: Did you spend  | any time at a swimming pool?  |
| <b>English Instructions:</b> |                               |
| Codes:                       | Skip To Values:               |
| 1= Yes                       |                               |
| 2= No                        |                               |
| 7= Refused                   |                               |
| 9= Don't know                |                               |

| VTQ150   | Target   |
|--|--|
|  | B(20 Yrs. to 59 Yrs.)                                      |
| Hard Edits   | SAS Label  |
|  | In drycleaning shop, drycleaned clothes                    |
| <b>English Text:</b> Did you visit a within the last week? | drycleaning shop or wear clothes that had been dry-cleaned |
| <b>English Instructions:</b>                               |  |
| Codes:   | Skip To Values:  |
| 1= Yes   |  |
| 2= No  |  |
| 7= Refused   |  |
| 9= Don't know  |  |

| VTQ160  | Target                             |
|---|------------------------------------|
|   | B(20 Yrs. to 59 Yrs.)              |
| Hard Edits  | SAS Label                          |
|   | Near a wood-burning fire >= 10 min |
| <b>English Text:</b> Did you spend 10 or more minutes near a wood-burning fire in a fireplace, wood stove, or outdoors? |                                    |
| English Instructions:   |                                    |
| Codes:  | Skip To Values:                    |
| 1= Yes  |                                    |
| 2= No   |                                    |

7= Refused 9= Don't know

| VTQ170     | Target                          |
|------------|---------------------------------|
|            | B(20 Yrs. to 59 Yrs.)           |
| Hard Edits | SAS Label                       |
|            | Near a smoking person >= 10 min |

**English Text:** Did you spend 10 or more minutes near a person who was smoking a cigarette, cigar, or pipe?

#### **English Instructions:**

**Codes:** 

Skip To Values:

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ180     | Target                                |
|------------|---------------------------------------|
| V1Q100     | B(20 Yrs. to 59 Yrs.)                 |
| Hard Edits | SAS Label                             |
|            | Hot shower for five minutes or longer |

**English Text:** Even though you did not use the exposure badge when taking a hot shower, did you take a hot shower for five minutes or longer during this time period?

#### **English Instructions:**

**Codes:** 

**Skip To Values:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200A     | Target                |
|-------------|-----------------------|
| V 1 Q 20071 | B(20 Yrs. to 59 Yrs.) |
| Hard Edits  | SAS Label             |
|             | Paints                |

**English Text:** paints

**English Instructions:** During the time you used the exposure badge, did you breathe fumes from or use paint?

Codes: Skip To Values:

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200B    | Target                                  |
|------------|---|
|            | B(20 Yrs. to 59 Yrs.)                   |
| Hard Edits | SAS Label                               |
|            | Mothballs, moth crystals, or mothflakes |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use mothballs, moth crystals, or mothflakes?

#### **English Instructions:**

Codes: Skip To Values:

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200C    | Target                              |  |  |  |
|------------|-------------------------------------|--|--|--|
|            | B(20 Yrs. to 59 Yrs.)               |  |  |  |
| Hard Edits | SAS Label                           |  |  |  |
|            | Disinfectant or degreasing cleaners |  |  |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use household disinfectant or degreasing cleaners?

#### **English Instructions:**

Codes: Skip To Values:

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200D    | Target                |  |
|------------|-----------------------|--|
|            | B(20 Yrs. to 59 Yrs.) |  |
| Hard Edits | SAS Label             |  |

|   | Furniture polish |  |  |  |  |
|---|------------------|--|--|--|--|
| <b>English Text:</b> During the time you used the exposure badge, did you breathe fumes from or use furniture polish? |                  |  |  |  |  |
| English Instructions:   |                  |  |  |  |  |
| Codes:  | Skip To Values:  |  |  |  |  |
| 1= Yes  |                  |  |  |  |  |

2 = No

7= Refused

9= Don't know

| VTQ200E  | Target   |  |  |  |  |  |
|--|--|--|--|--|--|--|
| V1Q200E  | B(20 Yrs. to 59 Yrs.)                                  |  |  |  |  |  |
| Hard Edits   | SAS Label  |  |  |  |  |  |
|  | Hairspray  |  |  |  |  |  |
| <b>English Text:</b> During the time you or use hairspray? | ou used the exposure badge, did you breathe fumes from |  |  |  |  |  |

#### **English Instructions:**

**Skip To Values: Codes:** 

1 = Yes

2= No

7= Refused

9= Don't know

| VTQ200F    | Target                              |  |  |
|------------|-------------------------------------|--|--|
|            | B(20 Yrs. to 59 Yrs.)               |  |  |
| Hard Edits | SAS Label                           |  |  |
|            | Fingernail polish or polish remover |  |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use fingernail polish or fingernail polish remover?

#### **English Instructions:**

**Skip To Values: Codes:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200G    | Target                  |  |  |
|------------|-------------------------|--|--|
|            | B(20 Yrs. to 59 Yrs.)   |  |  |
| Hard Edits | SAS Label               |  |  |
|            | Diesel fuel or kerosene |  |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use diesel fuel or kerosene?

#### **English Instructions:**

**Codes:** 

**Skip To Values:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200H    | Target                |  |  |  |
|------------|-----------------------|--|--|--|
|            | B(20 Yrs. to 59 Yrs.) |  |  |  |
| Hard Edits | SAS Label             |  |  |  |
|            | Gasoline              |  |  |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use gasoline?

#### **English Instructions:**

Codes:

**Skip To Values:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200I    | Target                                 |  |
|------------|--|--|
|            | B(20 Yrs. to 59 Yrs.)                  |  |
| Hard Edits | SAS Label                              |  |
|            | Paint thinner, brush cleaner, stripper |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use paint thinner, brush cleaner, or furniture stripper?

#### **English Instructions:**

**Codes:** 

**Skip To Values:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200J    | Target                             |  |  |  |
|------------|------------------------------------|--|--|--|
|            | B(20 Yrs. to 59 Yrs.)              |  |  |  |
| Hard Edits | SAS Label                          |  |  |  |
|            | Air fresheners or room deodorizers |  |  |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use air fresheners or room deodorizers?

#### **English Instructions:**

**Codes:** 

**Skip To Values:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200K    | Target                            |  |  |
|------------|-----------------------------------|--|--|
|            | B(20 Yrs. to 59 Yrs.)             |  |  |
| Hard Edits | SAS Label                         |  |  |
|            | Drycleaning fluid or spot remover |  |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use drycleaning fluid or spot remover?

#### **English Instructions:**

**Codes:** 

**Skip To Values:** 

1 = Yes

2 = No

7= Refused

9= Don't know

| VTQ200L    | Target                                |  |  |  |
|------------|---------------------------------------|--|--|--|
|            | B(20 Yrs. to 59 Yrs.)                 |  |  |  |
| Hard Edits | SAS Label                             |  |  |  |
|            | Glues or adhesives, hobbies or crafts |  |  |  |

**English Text:** During the time you used the exposure badge, did you breathe fumes from or use glues or adhesives used for hobbies or crafts?

#### **English Instructions:**

#### Codes:

1= Yes

2= No

7= Refused

9= Don't know

**Skip To Values:** 

| VOC subsample 2 yr MEC Weight |           |         |     |                       |
|-------------------------------|-----------|---------|-----|-----------------------|
| WTSVOC2Y                      | Frequency | Percent |     | Cumulative<br>Percent |
| 0: Non Respondent             | 182       | 21.39   | 182 | 21.39                 |
| >0: Respondent                | 669       | 78.61   | 851 | 100.00                |

| Benzene (ug/cubic meter)                                      |     |       |     |        |  |  |
|---|-----|-------|-----|--------|--|--|
| LBXZBZ Frequency Percent Cumulative Percent Frequency Percent |     |       |     |        |  |  |
| Missing   | 204 | 23.97 | 204 | 23.97  |  |  |
| 0.7294215727 to 119.47  | 647 | 76.03 | 851 | 100.00 |  |  |

| Benzene comment                              |     |       |     |        |  |  |  |
|--|-----|-------|-----|--------|--|--|--|
| LBDZBZLC Frequency Percent Frequency Percent |     |       |     |        |  |  |  |
| Missing                                      | 204 | 23.97 | 204 | 23.97  |  |  |  |
| 0 : Result at or above the limit of dete     | 425 | 49.94 | 629 | 73.91  |  |  |  |
| 1 : Result below the limit of detection.     | 222 | 26.09 | 851 | 100.00 |  |  |  |

| Chloroform (ug/cubic meter)   |     |       |     |        |  |  |  |
|---|-----|-------|-----|--------|--|--|--|
| LBXZCF Frequency Percent Cumulative Percent Percent Prequency Percent |     |       |     |        |  |  |  |
| Missing   | 200 | 23.50 | 200 | 23.50  |  |  |  |
| 0.2075204684 to 53.9  | 651 | 76.50 | 851 | 100.00 |  |  |  |

| Chloroform comment  |     |       |     |        |  |  |  |
|---|-----|-------|-----|--------|--|--|--|
| LBDZCFLC Frequency Percent Cumulative Percent Frequency Percent |     |       |     |        |  |  |  |
| Missing   | 200 | 23.50 | 200 | 23.50  |  |  |  |
| 0 : Result at or above the limit of dete                        | 523 | 61.46 | 723 | 84.96  |  |  |  |
| 1 : Result below the limit of detection.                        | 128 | 15.04 | 851 | 100.00 |  |  |  |

| Ethylbenzene (ug/cubic meter)                          |     |       |     |        |  |  |  |
|--|-----|-------|-----|--------|--|--|--|
| LBXZEB Frequency Percent Cumulative Cumulative Percent |     |       |     |        |  |  |  |
| Missing  | 209 | 24.56 | 209 | 24.56  |  |  |  |
| 0.1380909439 to 2210.39                                | 642 | 75.44 | 851 | 100.00 |  |  |  |

| Ethylbenzene comment   |     |       |     |        |  |  |  |
|--|-----|-------|-----|--------|--|--|--|
| LBDZEBLC Frequency Percent Frequency Percent Frequency Percent |     |       |     |        |  |  |  |
| Missing  | 209 | 24.56 | 209 | 24.56  |  |  |  |
| 0 : Result at or above the limit of dete                       | 598 | 70.27 | 807 | 94.83  |  |  |  |
| 1 : Result below the limit of detection.                       | 44  | 5.17  | 851 | 100.00 |  |  |  |

| Tetrachloroethene (ug/cubic meter)                                       |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| LBXZTE Frequency Percent Cumulative Cumulative Percent Frequency Percent |     |       |     |        |  |  |
| Missing  | 209 | 24.56 | 209 | 24.56  |  |  |
| 0.1201773031 to 659.13   | 642 | 75.44 | 851 | 100.00 |  |  |

| Tetrachloroethene comment                                       |     |       |     |        |  |  |  |
|---|-----|-------|-----|--------|--|--|--|
| LBDZTELC Frequency Percent Cumulative Percent Frequency Percent |     |       |     |        |  |  |  |
| Missing   | 209 | 24.56 | 209 | 24.56  |  |  |  |
| 0 : Result at or above the limit of dete                        | 446 | 52.41 | 655 | 76.97  |  |  |  |
| 1 : Result below the limit of detection.                        | 196 | 23.03 | 851 | 100.00 |  |  |  |

| Toluene (ug/cubic meter)                    |     |       |     |        |  |  |
|---|-----|-------|-----|--------|--|--|
| LBXZTO Frequency Percent Cumulative Cumulat |     |       |     |        |  |  |
| Missing                                     | 213 | 25.03 | 213 | 25.03  |  |  |
| 1.6550842891 to 6280.15                     | 638 | 74.97 | 851 | 100.00 |  |  |

| Toluene comment   |     |       |     |        |  |  |  |
|---|-----|-------|-----|--------|--|--|--|
| LBDZTOLC Frequency Percent Cumulative Percent Frequency Percent |     |       |     |        |  |  |  |
| Missing   | 213 | 25.03 | 213 | 25.03  |  |  |  |
| 0 : Result at or above the limit of dete                        | 595 | 69.92 | 808 | 94.95  |  |  |  |
| 1 : Result below the limit of detection.                        | 43  | 5.05  | 851 | 100.00 |  |  |  |

| Trichloroethene (ug/cubic meter)           |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| LBXZTI Frequency Percent Frequency Percent |     |       |     |        |  |  |
| Missing                                    | 207 | 24.32 | 207 | 24.32  |  |  |
| 0.1222064981 to 327.28                     | 644 | 75.68 | 851 | 100.00 |  |  |

| Trichloroethene comment  |     |       |     |        |  |  |  |
|--|-----|-------|-----|--------|--|--|--|
| LBDZTILC Frequency Percent Cumulative Cumulative Percent Frequency |     |       |     |        |  |  |  |
| Missing  | 207 | 24.32 | 207 | 24.32  |  |  |  |
| 0 : Result at or above the limit of dete   | 160 | 18.80 | 367 | 43.13  |  |  |  |
| 1 : Result below the limit of detection.   | 484 | 56.87 | 851 | 100.00 |  |  |  |

| o-Xylene (ug/cubic meter)  |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| LBXZOX Frequency Percent Cumulative Percent Pe |     |       |     |        |  |  |
| Missing  | 205 | 24.09 | 205 | 24.09  |  |  |
| 0.1315342546 to 2320.98  | 646 | 75.91 | 851 | 100.00 |  |  |

| o-Xylene comment  |     |       |     |        |  |  |
|---|-----|-------|-----|--------|--|--|
| LBDZOXLC Frequency Percent Cumulative Frequency Percent |     |       |     |        |  |  |
| Missing   | 205 | 24.09 | 205 | 24.09  |  |  |
| 0 : Result at or above the limit of dete                | 602 | 70.74 | 807 | 94.83  |  |  |
| 1 : Result below the limit of detection.                | 44  | 5.17  | 851 | 100.00 |  |  |

| m,p-Xylene (ug/cubic meter)                            |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| LBXZXY Frequency Percent Cumulative Cumulative Percent |     |       |     |        |  |  |
| Missing  | 205 | 24.09 | 205 | 24.09  |  |  |
| 0.2392911663 to 8370.49                                | 646 | 75.91 | 851 | 100.00 |  |  |

| m,p-Xylene comment  |     |       |     |        |  |  |
|---|-----|-------|-----|--------|--|--|
| LBDZXYLC Frequency Percent Cumulative Percent Frequency Percent |     |       |     |        |  |  |
| Missing   | 205 | 24.09 | 205 | 24.09  |  |  |
| 0 : Result at or above the limit of dete                        | 623 | 73.21 | 828 | 97.30  |  |  |
| 1 : Result below the limit of detection.                        | 23  | 2.70  | 851 | 100.00 |  |  |

| 1,4-dichlorobenzene (ug/cubic meter)                   |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| LBXZDB Frequency Percent Cumulative Cumulative Percent |     |       |     |        |  |  |
| Missing  | 207 | 24.32 | 207 | 24.32  |  |  |
| 0.3074629449 to 2235.57                                | 644 | 75.68 | 851 | 100.00 |  |  |

| 1,4-dichlorobenzene comment   |     |       |     |        |  |  |
|---|-----|-------|-----|--------|--|--|
| LBDZDBLC Frequency Percent Cumulative Frequency Percent Frequency Percent |     |       |     |        |  |  |
| Missing   | 207 | 24.32 | 207 | 24.32  |  |  |
| 0 : Result below the limit of detection.                                  | 439 | 51.59 | 646 | 75.91  |  |  |
| 1 : Result at or above the limit of dete                                  | 205 | 24.09 | 851 | 100.00 |  |  |

| MTBE (ug/cubic meter)                                 |     |       |     |        |  |  |
|---|-----|-------|-----|--------|--|--|
| LBXZMB Frequency Percent Cumulative Frequency Percent |     |       |     |        |  |  |
| Missing   | 207 | 24.32 | 207 | 24.32  |  |  |
| 0.3647107863 to 181.68                                | 644 | 75.68 | 851 | 100.00 |  |  |

| MTBE comment  |     |       |     |        |  |  |
|---|-----|-------|-----|--------|--|--|
| LBDZMBLC Frequency Percent Cumulative Percent Frequency Percent |     |       |     |        |  |  |
| Missing   | 207 | 24.32 | 207 | 24.32  |  |  |
| 0 : Result at or above the limit of dete                        | 192 | 22.56 | 399 | 46.89  |  |  |
| 1 : Result below the limit of detection.                        | 452 | 53.11 | 851 | 100.00 |  |  |

| VOC badge sample duration-minutes  |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| LBAVOCSD Frequency Percent Cumulative Cumulative Percent Frequency Percent |     |       |     |        |  |  |
| Missing  | 190 | 22.33 | 190 | 22.33  |  |  |
| 2049 to 11421.42   | 661 | 77.67 | 851 | 100.00 |  |  |

| Wear the exposure badge at all times? |           |         |                      |                       |  |  |
|---------------------------------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ015                                | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                               | 216       | 25.38   | 216                  | 25.38                 |  |  |
| 1 : Yes                               | 590       | 69.33   | 806                  | 94.71                 |  |  |
| 2 : No                                | 45        | 5.29    | 851                  | 100.00                |  |  |

| Hours badge not worn |           |         |     |                       |  |  |
|----------------------|-----------|---------|-----|-----------------------|--|--|
| VTQ020               | Frequency | Percent |     | Cumulative<br>Percent |  |  |
| Missing              | 806       | 94.71   | 806 | 94.71                 |  |  |
| 1 to 52              | 45        | 5.29    | 851 | 100.00                |  |  |

| Home has an attached garage? |           |         |                      |                       |  |  |
|------------------------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ030                       | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                      | 201       | 23.62   | 201                  | 23.62                 |  |  |
| 1 : Yes                      | 201       | 23.62   | 402                  | 47.24                 |  |  |
| 2 : No                       | 449       | 52.76   | 851                  | 100.00                |  |  |

| Home built less than 5 years ago? |           |         |                      |                       |  |  |
|-----------------------------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ040                            | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                           | 201       | 23.62   | 201                  | 23.62                 |  |  |
| 1 : Yes                           | 81        | 9.52    | 282                  | 33.14                 |  |  |
| 2 : No                            | 556       | 65.33   | 838                  | 98.47                 |  |  |
| 9 : Don't know                    | 13        | 1.53    | 851                  | 100.00                |  |  |

| Description of street where you live |           |         |                      |                       |  |
|--------------------------------------|-----------|---------|----------------------|-----------------------|--|
| VTQ050                               | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |
| Missing                              | 201       | 23.62   | 201                  | 23.62                 |  |
| 1 : Rural or country road            | 85        | 9.99    | 286                  | 33.61                 |  |
| 2 : Dead-end residential street      | 138       | 16.22   | 424                  | 49.82                 |  |
| 3 : Through residential street       | 336       | 39.48   | 760                  | 89.31                 |  |
| 4 : Commercial street                | 70        | 8.23    | 830                  | 97.53                 |  |
| 5 : Major highway                    | 20        | 2.35    | 850                  | 99.88                 |  |
| 9 : Don't know                       | 1         | 0.12    | 851                  | 100.00                |  |

| Natural gas, or electric kitchen stove |           |         |                      |                       |  |  |
|--|-----------|---------|----------------------|-----------------------|--|--|
| VTQ060                                 | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                                | 201       | 23.62   | 201                  | 23.62                 |  |  |
| 1 : Natural gas                        | 317       | 37.25   | 518                  | 60.87                 |  |  |
| 2 : Electricity                        | 313       | 36.78   | 831                  | 97.65                 |  |  |
| 3 : Something else                     | 19        | 2.23    | 850                  | 99.88                 |  |  |
| 7 : Refused                            | 1         | 0.12    | 851                  | 100.00                |  |  |

| In the past 6 months, have new carpet |           |         |                      |                       |  |  |
|---------------------------------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ070                                | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                               | 201       | 23.62   | 201                  | 23.62                 |  |  |
| 1 : Yes                               | 114       | 13.40   | 315                  | 37.02                 |  |  |
| 2 : No                                | 535       | 62.87   | 850                  | 99.88                 |  |  |
| 9 : Don't know                        | 1         | 0.12    | 851                  | 100.00                |  |  |

| Store paints or fuels inside your home? |           |         |                      |                       |  |  |
|---|-----------|---------|----------------------|-----------------------|--|--|
| VTQ080                                  | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                                 | 201       | 23.62   | 201                  | 23.62                 |  |  |
| 1 : Yes                                 | 192       | 22.56   | 393                  | 46.18                 |  |  |
| 2 : No                                  | 458       | 53.82   | 851                  | 100.00                |  |  |

| Hours spent indoors at home?                           |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| VTQ090 Frequency Percent Cumulative Cumulative Percent |     |       |     |        |  |  |
| Missing  | 201 | 23.62 | 201 | 23.62  |  |  |
| 2 to 70  | 650 | 76.38 | 851 | 100.00 |  |  |

| Were any windows open in your home? |           |         |                      |                       |  |  |
|-------------------------------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ100                              | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                             | 201       | 23.62   | 201                  | 23.62                 |  |  |
| 1 : Yes                             | 385       | 45.24   | 586                  | 68.86                 |  |  |
| 2 : No                              | 264       | 31.02   | 850                  | 99.88                 |  |  |
| 9 : Don't know                      | 1         | 0.12    | 851                  | 100.00                |  |  |

| Hours spent indoors at work/school                     |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| VTQ110 Frequency Percent Cumulative Cumulative Percent |     |       |     |        |  |  |
| Missing  | 201 | 23.62 | 201 | 23.62  |  |  |
| 0 to 45  | 650 | 76.38 | 851 | 100.00 |  |  |

| Hours spent outdoors                                   |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| VTQ120 Frequency Percent Cumulative Cumulative Percent |     |       |     |        |  |  |
| Missing  | 201 | 23.62 | 201 | 23.62  |  |  |
| 0 to 40  | 650 | 76.38 | 851 | 100.00 |  |  |

| Pump gas into a car or motor vehicle? |           |         |                      |                       |  |  |
|---------------------------------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ130                                | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                               | 201       | 23.62   | 201                  | 23.62                 |  |  |
| 1 : Yes                               | 270       | 31.73   | 471                  | 55.35                 |  |  |
| 2 : No                                | 378       | 44.42   | 849                  | 99.76                 |  |  |
| 7 : Refused                           | 1         | 0.12    | 850                  | 99.88                 |  |  |
| 9 : Don't know                        | 1         | 0.12    | 851                  | 100.00                |  |  |

| Time spent at a swimming pool                          |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| VTQ140 Frequency Percent Cumulative Cumulative Percent |     |       |     |        |  |  |
| Missing  | 202 | 23.74 | 202 | 23.74  |  |  |
| 1 : Yes  | 49  | 5.76  | 251 | 29.49  |  |  |
| 2 : No   | 600 | 70.51 | 851 | 100.00 |  |  |

| In drycleaning shop, drycleaned clothes |           |         |                      |                       |  |  |
|---|-----------|---------|----------------------|-----------------------|--|--|
| VTQ150                                  | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                                 | 202       | 23.74   | 202                  | 23.74                 |  |  |
| 1 : Yes                                 | 93        | 10.93   | 295                  | 34.67                 |  |  |
| 2 : No                                  | 555       | 65.22   | 850                  | 99.88                 |  |  |
| 9 : Don't know                          | 1         | 0.12    | 851                  | 100.00                |  |  |

| Near a wood-burning fire >= 10 min |           |         |     |                       |  |
|------------------------------------|-----------|---------|-----|-----------------------|--|
| VTQ160                             | Frequency | Percent |     | Cumulative<br>Percent |  |
| Missing                            | 202       | 23.74   | 202 | 23.74                 |  |
| 1 : Yes                            | 44        | 5.17    | 246 | 28.91                 |  |
| 2 : No                             | 602       | 70.74   | 848 | 99.65                 |  |
| 7 : Refused                        | 3         | 0.35    | 851 | 100.00                |  |

| Near a smoking person >= 10 min |  |       |     |        |  |
|---------------------------------|--|-------|-----|--------|--|
| VTQ170                          | Cumulative   Cum |       |     |        |  |
| Missing                         | 202  | 23.74 | 202 | 23.74  |  |
| 1 : Yes                         | 313  | 36.78 | 515 | 60.52  |  |
| 2 : No                          | 336  | 39.48 | 851 | 100.00 |  |

| Hot shower for five minutes or longer |           |         |                      |                       |  |
|---------------------------------------|-----------|---------|----------------------|-----------------------|--|
| VTQ180                                | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |
| Missing                               | 202       | 23.74   | 202                  | 23.74                 |  |
| 1 : Yes                               | 558       | 65.57   | 760                  | 89.31                 |  |
| 2 : No                                | 90        | 10.58   | 850                  | 99.88                 |  |
| 7 : Refused                           | 1         | 0.12    | 851                  | 100.00                |  |

| Paints   |     |       |     |        |  |
|--|-----|-------|-----|--------|--|
| VTQ200A Frequency Percent Cumulative Percent Frequency Percent |     |       |     |        |  |
| Missing  | 203 | 23.85 | 203 | 23.85  |  |
| 1 : Yes  | 71  | 8.34  | 274 | 32.20  |  |
| 2 : No   | 577 | 67.80 | 851 | 100.00 |  |

| Mothballs, moth crystals, or mothflakes |  |       |     |        |  |  |
|---|--|-------|-----|--------|--|--|
| VTQ200B                                 | OB Frequency Percent Cumulative Cumulative Percent |       |     |        |  |  |
| Missing                                 | 203  | 23.85 | 203 | 23.85  |  |  |
| 1 : Yes                                 | 23   | 2.70  | 226 | 26.56  |  |  |
| 2 : No                                  | 625  | 73.44 | 851 | 100.00 |  |  |

| Disinfectant or degreasing cleaners |   |       |     |        |  |  |  |
|-------------------------------------|---|-------|-----|--------|--|--|--|
| VTQ200C                             | 200C Frequency Percent Cumulative Percent |       |     |        |  |  |  |
| Missing                             | 203                                       | 23.85 | 203 | 23.85  |  |  |  |
| 1 : Yes                             | 261                                       | 30.67 | 464 | 54.52  |  |  |  |
| 2 : No                              | 387                                       | 45.48 | 851 | 100.00 |  |  |  |

| Furniture polish                                     |     |       |     |        |  |  |
|--|-----|-------|-----|--------|--|--|
| VTQ200D Frequency Percent Cumulative Percent Percent |     |       |     |        |  |  |
| Missing  | 203 | 23.85 | 203 | 23.85  |  |  |
| 1 : Yes  | 86  | 10.11 | 289 | 33.96  |  |  |
| 2 : No   | 562 | 66.04 | 851 | 100.00 |  |  |

| Hairspray   |     |       |     |        |  |
|---|-----|-------|-----|--------|--|
| VTQ200E Frequency Percent Cumulative Cumulative Perce |     |       |     |        |  |
| Missing   | 203 | 23.85 | 203 | 23.85  |  |
| 1 : Yes   | 240 | 28.20 | 443 | 52.06  |  |
| 2 : No  | 408 | 47.94 | 851 | 100.00 |  |

| Fingernail polish or polish remover                    |     |       |     |        |  |
|--|-----|-------|-----|--------|--|
| VTQ200F Frequency Percent Cumulative Frequency Percert |     |       |     |        |  |
| Missing  | 203 | 23.85 | 203 | 23.85  |  |
| 1 : Yes  | 104 | 12.22 | 307 | 36.08  |  |
| 2 : No   | 544 | 63.92 | 851 | 100.00 |  |

| Diesel fuel or kerosene |           |         |                      |                       |  |  |
|-------------------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ200G                 | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing                 | 203       | 23.85   | 203                  | 23.85                 |  |  |
| 1 : Yes                 | 74        | 8.70    | 277                  | 32.55                 |  |  |
| 2 : No                  | 572       | 67.22   | 849                  | 99.76                 |  |  |
| 9 : Don't know          | 2         | 0.24    | 851                  | 100.00                |  |  |

| Gasoline       |           |         |                      |                       |  |  |
|----------------|-----------|---------|----------------------|-----------------------|--|--|
| VTQ200H        | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |  |
| Missing        | 203       | 23.85   | 203                  | 23.85                 |  |  |
| 1 : Yes        | 287       | 33.73   | 490                  | 57.58                 |  |  |
| 2 : No         | 359       | 42.19   | 849                  | 99.76                 |  |  |
| 9 : Don't know | 2         | 0.24    | 851                  | 100.00                |  |  |

| Paint thinner, brush cleaner, stripper |   |       |     |        |  |  |
|--|---|-------|-----|--------|--|--|
| VTQ200I                                | I Frequency Percent Cumulative Cumulative Percent |       |     |        |  |  |
| Missing                                | 203   | 23.85 | 203 | 23.85  |  |  |
| 1 : Yes                                | 39  | 4.58  | 242 | 28.44  |  |  |
| 2 : No                                 | 609   | 71.56 | 851 | 100.00 |  |  |

# Frequencies for Volatile Organic Compounds October 2006

| Air fresheners or room deodorizers |           |         |                      |                       |  |
|------------------------------------|-----------|---------|----------------------|-----------------------|--|
| VTQ200J                            | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |  |
| Missing                            | 203       | 23.85   | 203                  | 23.85                 |  |
| 1 : Yes                            | 322       | 37.84   | 525                  | 61.69                 |  |
| 2 : No                             | 325       | 38.19   | 850                  | 99.88                 |  |
| 9 : Don't know                     | 1         | 0.12    | 851                  | 100.00                |  |

# Frequencies for Volatile Organic Compounds October 2006

| Drycleaning fluid or spot remover |           |         |                      |                       |
|-----------------------------------|-----------|---------|----------------------|-----------------------|
| VTQ200K                           | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |
| Missing                           | 203       | 23.85   | 203                  | 23.85                 |
| 1 : Yes                           | 43        | 5.05    | 246                  | 28.91                 |
| 2 : No                            | 604       | 70.98   | 850                  | 99.88                 |
| 9 : Don't know                    | 1         | 0.12    | 851                  | 100.00                |

# Frequencies for Volatile Organic Compounds October 2006

| Glues or adhesives, hobbies or crafts |           |         |                      |                       |
|---------------------------------------|-----------|---------|----------------------|-----------------------|
| VTQ200L                               | Frequency | Percent | Cumulative Frequency | Cumulative<br>Percent |
| Missing                               | 203       | 23.85   | 203                  | 23.85                 |
| 1 : Yes                               | 54        | 6.35    | 257                  | 30.20                 |
| 2 : No                                | 594       | 69.80   | 851                  | 100.00                |

#### NHANES Subsample Notes and Data

For several NHANES files, data were collected or processed on a smaller sample (subsample) of individuals. Each of these subsamples is a nationally representative sample. For each subsample, the analytic sample size is smaller and appropriate sample weights have been calculated to reflect both the additional stage of sampling and the additional nonresponse (if any) for the subsample. These weights differ from the full examination weight and the revised weights must be used for statistical estimation. For each data file, the appropriate sample weights are included on the file along with the appropriate replicate weights needed for sampling error estimation. A common processing error is to use either the wrong sampling weight or to use the wrong set of replicate weights.

Due to smaller sample sizes, the sampling errors for subsamples will be larger than for comparable data items on the full examination sample. Also, the potential impact of outliers (large data values especially in conjunction with large sampling weights) should be addressed in any analysis of these data — especially when the prevalence is less than 10 percent. Please note that when merging full sample data items to the subsample data files, the analytic sample is the subsample and the subsample weights must be used. Users are strongly urged to read the data file documentation and to take care to ensure proper analysis and interpretation of the data.

# 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<br>76 | lab06     | Folate, serum                            | LBXFOL      | Folate, serum (ng/mL)                    |
| 70<br>77 | lab06     | Folate, serum                            | LBDFOLSI    | Folate, serum (ng/mb/)                   |
| 77<br>78 | lab06     | Vitamin B12, serum                       | LBXB12      | Vitamin B12, serum (pg/mL)               |
| 76<br>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     |
|        |           |  |             |  |

| 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 27   WTSPO27   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 28   WTSPO28   Dioxins Mex Weight Jack Krife Rep 29   WTSPO28   Dioxins Mex Weight Jack Krife Rep 29   WTSPO28   Dioxins Mex Weight Jack Krife Rep 29   WTSPO29   Dioxins Mex Weight Jack Krife Rep 31   WTSPO39   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   Dioxins Mex Weight Jack Krife Rep 36   WTSPO36   Dioxins Mex Weight Jack Krife Rep 37   WTSPO38   Dioxins Mex Weight Jack Krife Rep 37   WTSPO38   Dioxins Mex Weight Jack Krife Rep 37   WTSPO38   Dioxins Mex Weight Jack Krife Rep 36   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 35   Dioxins Mec Weight Jack Knife Rep 36   WTSPO34   Dioxins Mec Weight Jack Knife Rep 36   WTSPO36   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 Jack Knife Rep 37   WTSPO38   Dioxins Mec Weight Jack Knife Rep 39   WTSPO38   Dioxins Mec Weight Jack Knife Rep 39   WTSPO36   Dioxins Mec Weight Jack Knif   |        | •         | ·                                       |             | · ·                                     |
| 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   |        | •         |   |             |   |
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| 503   lab28poc   Dioxins Mec Weight Jack Knife Rep 25   WTSPO25   Dioxins Mec Weight Jack Knife Rep 25   Soft lab28poc   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 28   WTSPO28   Dioxins Mec Weight Jack Knife Rep 29   WTSPO29   Dioxins Mec Weight Jack Knife Rep 29   WTSPO29   Dioxins Mec Weight Jack Knife Rep 29   WTSPO29   Dioxins Mec Weight Jack Knife Rep 29   WTSPO30   Dioxins Mec Weight Jack Knife Rep 30   Dioxins Mec Weight Jack Knife Rep 30   WTSPO31   Dioxins Mec Weight Jack Knife Rep 31   WTSPO31   Dioxins Mec Weight Jack Knife Rep 31   MTSPO31   Dioxins Mec Weight Jack Knife Rep 31   MTSPO31   Dioxins Mec Weight Jack Knife Rep 31   MTSPO32   Dioxins Mec Weight Jack Knife Rep 32   WTSPO32   Dioxins Mec Weight Jack Knife Rep 32   WTSPO32   Dioxins Mec Weight Jack Knife Rep 33   WTSPO33   Dioxins Mec Weight Jack Knife Rep 34   Dioxins Mec Weight Jack Knife Rep 34   WTSPO34   Dioxins Mec Weight Jack Knife Rep 34   WTSPO34   Dioxins Mec Weight Jack Knife Rep 34   WTSPO34   Dioxins Mec Weight Jack Knife Rep 36   Dioxins Mec Weight Jack Knife Rep 36   WTSPO36   Dioxins Mec Weight Jack Knife Rep 36   WTSPO36   Dioxins Mec Weight Jack Knife Rep 36   WTSPO36   Dioxins Mec Weight Jack Knife Rep 36   Dioxins Mec Weight Jack Knife Rep 36   Dioxins Mec Weight Jack Knife Rep 36   Dioxins Mec Weight Jack Knife Rep 37   Dioxins Mec Weight Jack Knife Rep 37   Dioxins Mec Weight Jack Knife Rep 39   Dioxins Mec Weight Jack Knife Rep 40   Dioxins Mec Weight Jack Knife Rep 40   Dioxins Mec Weight Jack Knife Rep 41   Dioxins Mec Weight Jack Knife Rep 41   Dioxins Mec Weight Jack K    |        | •         |   |             |   |
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| 517         lab28poc         Dioxins Mec Weight Jack Knife Rep 39         WTSPO39         Dioxins Mec Weight Jack Knife Rep 39           518         lab28poc         Dioxins Mec Weight Jack Knife Rep 40         WTSPO40         Dioxins Mec Weight Jack Knife Rep 40           519         lab28poc         Dioxins Mec Weight Jack Knife Rep 41         WTSPO41         Dioxins Mec Weight Jack Knife Rep 41           520         lab28poc         Dioxins Mec Weight Jack Knife Rep 42         WTSPO42         Dioxins Mec Weight Jack Knife Rep 42           521         lab28poc         Dioxins Mec Weight Jack Knife Rep 43         WTSPO43         Dioxins Mec Weight Jack Knife Rep 43           522         lab28poc         Dioxins Mec Weight Jack Knife Rep 44         WTSPO44         Dioxins Mec Weight Jack Knife Rep 44           523         lab28poc         Dioxins Mec Weight Jack Knife Rep 45         WTSPO45         Dioxins Mec Weight Jack Knife Rep 45           524         lab28poc         Dioxins Mec Weight Jack Knife Rep 46         WTSPO46         Dioxins Mec Weight Jack Knife Rep 46           525         lab28poc         Dioxins Mec Weight Jack Knife Rep 47         WTSPO47         Dioxins Mec Weight Jack Knife Rep 47           526         lab28poc         Dioxins Mec Weight Jack Knife Rep 49         WTSPO48         Dioxins Mec Weight Jack Knife Rep 49           527         lab28poc <td></td> <td>•</td> <td></td> <td></td> <td></td>  |        | •         |   |             |   |
| Since   Sinc   |        | •         |   | WTSPO39     | · ·                                     |
| 519 lab28poc Dioxins Mec Weight Jack Knife Rep 41 520 lab28poc Dioxins Mec Weight Jack Knife Rep 42 521 lab28poc Dioxins Mec Weight Jack Knife Rep 42 522 lab28poc Dioxins Mec Weight Jack Knife Rep 43 523 lab28poc Dioxins Mec Weight Jack Knife Rep 44 523 lab28poc Dioxins Mec Weight Jack Knife Rep 45 524 lab28poc Dioxins Mec Weight Jack Knife Rep 45 525 lab28poc Dioxins Mec Weight Jack Knife Rep 46 526 lab28poc Dioxins Mec Weight Jack Knife Rep 47 527 lab28poc Dioxins Mec Weight Jack Knife Rep 48 528 lab28poc Dioxins Mec Weight Jack Knife Rep 49 529 lab28poc Dioxins Mec Weight Jack Knife Rep 47 520 lab28poc Dioxins Mec Weight Jack Knife Rep 47 521 lab28poc Dioxins Mec Weight Jack Knife Rep 48 522 lab28poc Dioxins Mec Weight Jack Knife Rep 48 523 lab28poc Dioxins Mec Weight Jack Knife Rep 49 524 lab28poc Dioxins Mec Weight Jack Knife Rep 49 525 lab28poc Dioxins Mec Weight Jack Knife Rep 49 526 lab28poc Dioxins Mec Weight Jack Knife Rep 49 527 lab28poc Dioxins Mec Weight Jack Knife Rep 50 528 lab28poc Dioxins Mec Weight Jack Knife Rep 50 529 lab28poc Dioxins Mec Weight Jack Knife Rep 50 530 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 Lipid Adj (ng/g) 533 lab28poc PCB28 Lipid Adj (ng/g) 534 lab28poc PCB28 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 530 lab28poc PCB66 Lipid Adj 531 lab28poc PCB66 Lipid Adj 532 lab28poc PCB66 Lipid Adj 533 lab28poc PCB66 Lipid Adj 534 lab28poc PCB66 Lipid Adj 535 lab28poc PCB66 Lipid Adj 536 lab28poc PCB66 Lipid Adj 537 lab28poc PCB66 Lipid Adj 538 lab28poc PCB66 Lipid Adj 539 lab28poc PCB66 Lipid Adj 530 lab28poc PCB66 Lipid Adj 530 lab28poc PCB66 Lipid Adj 531 lab28poc PCB66 Lipid Adj 532 lab28poc PCB66 Lipid Adj 533 lab28poc PCB66 Lipid Adj   |        | -         | - · · · · · · · · · · · · · · · · · · · |             | - · · · · · · · · · · · · · · · · · · · |
| 520 lab28poc Dioxins Mec Weight Jack Knife Rep 42 521 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 44 523 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 46 526 lab28poc Dioxins Mec Weight Jack Knife Rep 47 527 lab28poc Dioxins Mec Weight Jack Knife Rep 48 528 lab28poc Dioxins Mec Weight Jack Knife Rep 48 529 lab28poc Dioxins Mec Weight Jack Knife Rep 48 520 lab28poc Dioxins Mec Weight Jack Knife Rep 48 521 lab28poc Dioxins Mec Weight Jack Knife Rep 48 522 lab28poc Dioxins Mec Weight Jack Knife Rep 48 523 lab28poc Dioxins Mec Weight Jack Knife Rep 48 524 lab28poc Dioxins Mec Weight Jack Knife Rep 48 525 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 Dioxins Mec Weight Jack Knife Rep 52 533 lab28poc PCB28 LBX028 PCB28 LBX028 534 lab28poc PCB28 LDIOXINS Mec Weight Jack Knife Rep 50 535 lab28poc PCB28 LDIOXINS Mec Weight Jack Knife Rep 50 536 lab28poc PCB52 Lipid Adj (ng/g) 537 lab28poc PCB52 Lipid Adj 538 lab28poc PCB66 LBX066 PCB66 Lipid Adj (ng/g) 538 lab28poc PCB66 Lipid Adj 539 lab28poc PCB66 Lipid Adj 530 lab28poc PCB66 Lipid Adj 530 lab28poc PCB66 Lipid Adj 531 lab28poc PCB66 Lipid Adj 532 lab28poc PCB66 Lipid Adj 533 lab28poc PCB66 Lipid Adj 534 lab28poc PCB66 Lipid Adj 535 lab28poc PCB66 Lipid Adj 536 lab28poc PCB66 Lipid Adj 537 lab28poc PCB66 Lipid Adj 538 lab28poc PCB66 Lipid Adj   | 519    | •         |   | WTSPO41     |   |
| 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    |           | <del>-</del>                            | 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 532 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<br>541<br>542<br>543 | lab28poc<br>lab28poc | PCB74               | LBX074   | DCD74 (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<br>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<br>WTSPH10 | Phthalate Mec Weight Jack Knife Rep 10   |
|            | phpypa           | · ·                                      |                    | · ·                                      |
| 713<br>714 | phpypa           | Phthalate Mec Weight Jack Knife Rep 11   | WTSPH11<br>WTSPH12 | Phthalate Mec Weight Jack Knife Rep 11   |
|            | phpypa           | Phthalate Mec Weight Jack Knife Rep 12   |                    | Phthalate Mec Weight Jack Knife Rep 12   |
| 715<br>716 | phpypa           | Phthalate Mec Weight Jack Knife Rep 13   | WTSPH13            | Phthalate Mec Weight Jack Knife Rep 13   |
| 716        | phpypa           | Phthalate Mee Weight Jack Knife Rep 14   | WTSPH14            | Phthalate Mec Weight Jack Knife Rep 14   |
| 717        | phpypa           | Phthalate Mee 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                |

### NHANES 1999-2000 Lab Data Items May 2008

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<br>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)<br>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<br>2,3,4,7,8-prical Lipid Adj (pg/g) |
| <del>4</del> 9<br>50 | lab28poc  | 2,3,4,7,6-pricul Elpiu Auj<br>2,3,7,8-tcdd | LBXTCD      | 2,3,4,7,6-pincar Lipia Adj (pg/g)<br>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)                 |
| 00     | ۲۰۰۲۶۲۵   | o phonantinono                        | 2.54 00     | 5 p (11g/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<br>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)                   |
|        |           | W                                       |             | , - ( )                                 |

| 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 flear for kerosene VTQ200G Description of street where you live URXCB3 dibromovinyl-dimeth proc parboacid (mg/mL) 210 ph Dietary supplements fast time (hours) PHASUPHR Dietary supplements fast time (minutes) 211 ph Dietary supplements fast time (minutes) PHASUPHR Dietary supplements fast time (minutes) 212 ph Dietary supplements fast time (minutes) Dietary supplements fast time (minutes) 213 lab28pp Diethyldifilophosphate URXCP2 Diethyldifilophosphate (ug/L) 214 lab28pp Diethyldifilophosphate URXCP2 Diethyldifilophosphate (ug/L) 215 lab28pp Diethyldifilophosphate URXCP3 Diethyldifilophosphate (ug/L) 216 lab28pp Diethyldifilophosphate URXCP3 Diethyldifilophosphate (ug/L) 217 lab28pp Diethyldifilophosphate URXCP3 Diethyldifilophosphate (ug/L) 218 lab28pp Diethyld | 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 Dimethylihiophosphate 210 lab28pp Dimethylihiophosphate 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 lab28pp Dimethylihiophosphate 220 lab28ppc Dioxins Mec Weight Jack Knife Rep 01 220 lab28ppc Dioxins Mec Weight Jack Knife Rep 01 221 lab28ppc Dioxins Mec Weight Jack Knife Rep 03 222 lab28ppc Dioxins Mec Weight Jack Knife Rep 03 223 lab28ppc Dioxins Mec Weight Jack Knife Rep 06 224 lab28ppc Dioxins Mec Weight Jack Knife Rep 06 225 lab28ppc Dioxins Mec Weight Jack Knife Rep 07 226 lab28ppc Dioxins Mec Weight Jack Knife Rep 08 227 lab28ppc Dioxins Mec Weight Jack Knife Rep 09 228 lab28ppc Dioxins Mec Weight Jack Knife Rep 09 229 lab28ppc Dioxins Mec Weight Jack Knife Rep 09 220 lab28ppc Dioxins Mec Weight Jack Knife Rep 09 221 lab28ppc Dioxins Mec Weight Jack Knife Rep 09 222 lab28ppc Dioxins Mec Weight Jack Knife Rep 09 223 lab28ppc Dioxins Mec Weight Jack Knife Rep 09 224 lab28ppc Dioxins Mec Weight Jack  | 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 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    |
| 209   lab21  |        | lab26pp                                 |   |             | dibromovinyl-dimeth prop carboacid code |
| 210 ph Dietary supplements fast time (hours) PHASUPHR Dietary supplements fast time (minutes) PHASUPMN Dietary supplements fast time (minutes) PHASUPMN Dietary supplements fast time (minutes) PHASUPMN Dietary supplements?  213 lab26pp Diethyldithiophosphate URXOP6 Diethyldithiophosphate (ug/L) Diethyldithiophosphate (ug/L) Diethyldithiophosphate URXOP6 Diethylphosphate (ug/L) Diethyldithiophosphate (ug/L) Diethyldithiophos |        | • •                                     | , |             |   |
| 211phDietary supplements fast time (minutes)PHASUPMNDietary supplements fast time (minutes)212phDietary supplements?PHQ060Dietary supplements?213lab26ppDiethyldithiophosphateURXOP6Diethyldithiophosphate (ug/L)214lab26ppDiethyldithiophosphateURXOP2Diethylphosphate (ug/L)215lab26ppDiethyldithiophosphateURXOP4Diethylthiophosphate (ug/L)216lab26ppDimethyldithiophosphateURXOP5Dimethyldithiophosphate (ug/L)217lab26ppDimethylphosphateURXOP1Dimethylphosphate (ug/L)218lab26ppDimethylthiophosphateURXOP3Dimethylphosphate (ug/L)219lab28pocDioxins Mec Weight Jack Knife Rep 01WTSPO01Dioxins Mec Weight Jack Knife Rep 01220lab28pocDioxins Mec Weight Jack Knife Rep 02WTSPO02Dioxins Mec Weight Jack Knife Rep 02221lab28pocDioxins Mec Weight Jack Knife Rep 03WTSPO03Dioxins Mec Weight Jack Knife Rep 03222lab28pocDioxins 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 08WTSPO08Dioxins Mec Weight Jack Knife Rep 07226lab28pocDioxins Mec Weight Jack Knife Rep 09 <td></td> <td>lab21</td> <td></td> <td></td> <td></td>   |        | lab21                                   |   |             |   |
| 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   |        | •                                       | , , ,                                   |             | • |
| 213   lab26pp   Diethyldithiophosphate   URXOP6   Diethyldithiophosphate   (ug/L)     214   lab26pp   Diethylphosphate   URXOP2   Diethylphosphate   (ug/L)     215   lab26pp   Diethylthiophosphate   URXOP4   Diethylthiophosphate   (ug/L)     216   lab26pp   Dimethyldithiophosphate   URXOP5   Dimethyldithiophosphate   (ug/L)     217   lab26pp   Dimethylphosphate   URXOP1   Dimethylphosphate   (ug/L)     218   lab26pp   Dimethylthiophosphate   URXOP3   Dimethylthiophosphate   (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 03     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 06     225   lab28poc   Dioxins Mec Weight Jack Knife Rep 07   WTSPO07   Dioxins Mec Weight Jack Knife Rep 06     226   lab28poc   Dioxins Mec Weight Jack Knife Rep 08   WTSPO08   Dioxins Mec Weight Jack Knife Rep 07     226   lab28poc   Dioxins Mec Weight Jack Knife Rep 08   WTSPO09   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   WTSPO11   Dioxins Mec Weight Jack Knife Rep 10     229   lab28poc   Dioxins Mec Weight Jack Knife Rep 11   WTSPO11   Dioxins Mec Weight Jack Knife Rep 11     230   lab28poc   Dioxins Mec Weight Jack Knife Rep 12   WTSPO12   Dioxins Mec Weight Jack Knife Rep 13     231   lab28poc   Dioxins Mec Weight Jack Knife Rep 14   WTSPO14   Dioxins Mec Weight Jack Knife Rep 15     232   lab28poc   Dioxins Mec Weight Jack Knife Rep 15      |        | •                                       | ,                                       |             | , , ,                                   |
| 214 lab26pp Diethylphosphate URXOP2 Diethylphosphate (ug/L) 215 lab26pp Diethylthiophosphate URXOP4 Diethylthiophosphate (ug/L) 216 lab26pp Dimethyldithiophosphate URXOP5 Dimethyldithiophosphate (ug/L) 217 lab26pp Dimethyldithiophosphate URXOP1 Dimethyldithiophosphate (ug/L) 218 lab26pp Dimethylphosphate URXOP1 Dimethylphosphate (ug/L) 219 lab28poc Dioxins Mec Weight Jack Knife Rep 01 URXOP3 Dimethylthiophosphate (ug/L) 220 lab28poc Dioxins Mec Weight Jack Knife Rep 02 WTSPO02 Dioxins Mec Weight Jack Knife Rep 01 221 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 03 222 lab28poc Dioxins Mec Weight Jack Knife Rep 05 WTSPO05 Dioxins Mec Weight Jack Knife Rep 06 223 lab28poc Dioxins Mec Weight Jack Knife Rep 06 WTSPO06 Dioxins Mec Weight Jack Knife Rep 06 224 lab28poc Dioxins Mec Weight Jack Knife Rep 07 WTSPO06 Dioxins Mec Weight Jack Knife Rep 06 225 lab28poc Dioxins Mec Weight Jack Knife Rep 08 WTSPO08 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 08 WTSPO08 Dioxins Mec Weight Jack Knife Rep 08 228 lab28poc Dioxins Mec Weight Jack Knife Rep 09 WTSPO09 Dioxins Mec Weight Jack Knife Rep 08 229 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 WTSPO11 Dioxins Mec Weight Jack Knife Rep 12 231 lab28poc Dioxins Mec Weight Jack Knife Rep 13 WTSPO14 Dioxins Mec Weight Jack Knife Rep 14 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 Dioxins Mec Weight Jack Knife Rep 15  |        | •                                       | · · · · · · · · · · · · · · · · · · ·   |             | - · · · · · · · · · · · · · · · · · · · |
| 215 lab26pp Diethylthiophosphate URXOP4 Diethylthiophosphate (ug/L) 216 lab26pp Dimethylphosphate URXOP5 Dimethylphosphate (ug/L) 217 lab26pp Dimethylphosphate URXOP1 Dimethylphosphate (ug/L) 218 lab26pp Dimethylphosphate URXOP3 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 06 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 09 227 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 WTSPO11 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 WTSPO13 Dioxins Mec Weight Jack Knife Rep 14 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 WTSPO14 Dioxins Mec Weight Jack Knife Rep 15   |        |   |   |             |   |
| 216 lab26pp Dimethyldithiophosphate URXOP5 Dimethyldithiophosphate (ug/L) 217 lab26pp Dimethylphosphate URXOP1 Dimethylphosphate (ug/L) 218 lab26pp Dimethylphosphate URXOP3 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 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 08 WTSPO09 Dioxins Mec Weight Jack Knife Rep 08 228 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 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 13 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   |        | • | · · · ·                                 |             | , |
| 217 lab26pp Dimethylphosphate URXOP1 Dimethylphosphate (ug/L) 218 lab26pp Dimethylthiophosphate URXOP3 Dimethylthiophosphate (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 06 225 lab28poc Dioxins Mec Weight Jack Knife Rep 08 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 WTSPO01 Dioxins Mec Weight Jack Knife Rep 10 229 lab28poc Dioxins Mec Weight Jack Knife Rep 11 WTSPO11 Dioxins Mec Weight Jack Knife Rep 11 230 lab28poc Dioxins Mec Weight Jack Knife Rep 13 WTSPO12 Dioxins Mec Weight Jack Knife Rep 13 232 lab28poc Dioxins Mec Weight Jack Knife Rep 14 WTSPO14 Dioxins Mec Weight Jack Knife Rep 15   |        |   |   |             |   |
| Dimethylthiophosphate   URXOP3   Dimethylthiophosphate (ug/L)  |        |   | ·                                       |             |   |
| Iab28poc   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 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  |        | •                                       |   |             | · · · · · · · · · · · · · · · · · · ·   |
| 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  |        | •                                       |   |             |   |
| 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 14 236 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 15 240 Dioxins Mec Weight Jack Knife Rep 15   |        | •                                       |   |             | •                                       |
| 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 WTSPO11 Dioxins Mec Weight Jack Knife Rep 11 230 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   |        | •                                       | · · · · · · · · · · · · · · · · · · ·   |             | · · · · · · · · · · · · · · · · · · ·   |
| 228Iab28pocDioxins Mec Weight Jack Knife Rep 10WTSPO10Dioxins Mec Weight Jack Knife Rep 10229Iab28pocDioxins 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   |        | •                                       | ů i                                     |             | •                                       |
| 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  |        | •                                       |   |             |   |
| 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   |        | •                                       |   |             | - · · · · · · · · · · · · · · · · · · · |
| 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   |        | •                                       |   |             |   |
|  |        | •                                       | · · · · · · · · · · · · · · · · · · ·   |             | · · · · · · · · · · · · · · · · · · ·   |
| 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 |
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| 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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| 376 lab06hm Heavy Metal Subsample 2 year Mec Weight WTSHM2YR Heavy Metal Subsample 2 year Mec V 377 lab11 Helicobacter pylori LBXHP1 Helicobacter pylori (ISR) 378 lab25 Hemotorit LBXHCT Hematocrit (%) 379 lab25 Hemoglobin LBXHGB Hemoglobin (grdL) 18002ppa Hepatitis Antibody (Anti-HAV) LBXHA Hepatitis Antibody (Anti-HAV) 181 lab02 Hepatitis B core antibody LBXHBC Hepatitis B core antibody 182 lab02bhs Hepatitis B surface antibody LBXHBC Hepatitis B surface antibody 183 lab02 Hepatitis B surface antibody LBXHBS Hepatitis B surface antibody 183 lab02 Hepatitis B surface antibody LBXHBS Hepatitis B surface antibody 183 lab02 Hepatitis B surface antibody LBXHBS Hepatitis B surface antibody 183 lab02 Hepatitis C antibody confirmed LBDHC Hepatitis B surface antibody 183 lab02 Hepatitis C antibody confirmed LBDHC Hepatitis C antibody 183 lab02 Hepatitis C antibody confirmed LBDHC Hepatitis C antibody 183 lab28poc Hepatitis C antibody confirmed LBDHD Hepatitis C antibody 183 lab28poc Hepatichlor Epoxide Lipid Adj LBXHPE Hepatichlor Epoxide (ng/g) 183 lab28poc Hepatichlor Epoxide Lipid Adj LBXHPEL Hepatichlor Epoxide Lipid Adj (ng/g) 184 lab28poc Hepatichlor Epoxide Lipid Adj LBXHPELA Hepatichlor Epoxide Lipid Adj (ng/g) 184 lab28poc Hexachlorobenzene LBAHCB Hexachlorobenzene (ng/g) 185 lab28poc Hexachlorobenzene LBAHCB Hexachlorobenzene (ng/g) 184 lab28poc Hexachlorobenzene Lipid Adj (ng/g) 184 lab28poc Hexa |       |
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| 377 lab11 Helicobacter pylori (ISR) 378 lab25 Hematocrit LBXHCT Hematocrit (%) 379 lab25 Hematocrit LBXHCB Hemoglobin (g/dL) 380 lab02hpa Hepatitis A Antibody (Anti-HAV) LBXHA Hepatitis A Antibody (Anti-HAV) 381 lab02 Hepatitis B Surface 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 antibody 384 lab02 Hepatitis C antibody onliftmed LBDHC Hepatitis C antibody 385 lab02 Hepatitis D (anti-HDV) LBDHD Hepatitis C antibody 386 lab28poc Hepatitis D (anti-HDV) LBDHD Hepatitis C poxide (ng/g) 387 lab28poc Heptachlor Epoxide Lipid Adj LBXHPE Heptachlor Epoxide (ng/g) 388 lab28poc Heptachlor Epoxide Lipid Adj LBXHPELA Heptachlor Epoxide Lipid Adj (ng/g) 389 lab09 Herpes I LBXHE1 Herpes I 390 lab09 Herpes I LBXHE2 Herpes I 391 lab28poc Hexachlorobenzene LBXHCB Hexachlorobenzene (ng/g) 392 lab28poc Hexachlorobenzene LBXHCB Hexachlorobenzene (ng/g) 393 lab28poc Hexachlorobenzene LBXHCB Hexachlorobenzene Lipid Adj (ng/g) 394 lab03 HIV antibody western blot positive LBHCBLC Hexachlorobenzene Lipid Adj (ng/g) 395 lab28poc Hexachlorobenzene Lipid Adj LBXHCBLA Hexachlorobenzene Lipid Adj (ng/g) 396 lab28poc Hexachlorobenzene Lipid Adj LBXHCBLA Hexachlorobenzene Lipid Adj (ng/g) 397 lab06 Herpes II LBXHCB Hexachlorobenzene Lipid Adj (ng/g) 398 lab29 Hexachlorobenzene Lipid Adj (ng/g) 399 lab21 Home bust less stan 5 years ago? 396 lab21 Home bas an attached garage? VTQ040 Home bust less than 5 years ago? 397 lab06 Homocysteine LBXHCY Homocysteine Hours spent indoors at home? VTQ040 Home bust less than 5 years ago? 398 lab21 Hours spent indoors at home? VTQ040 Hours spent indoors at home? 400 lab21 Hours spent indoors at home? VTQ040 Hours spent indoors at home? 401 lab21 In drycleaning shop, drycleaned clothes VTQ110 Hours spent indoors at home? VTQ040 Hours spent indoors at home? 401 lab21 In the past 6 months, have new carpet VTQ070 In the past 6 months, have new carpet VTQ070 In the past 6 mont | eight |
| 379   lab25  |       |
| 380   lab02hpa   |       |
| 381   lab02  |       |
| 381   lab02  |       |
| Bacteria    |       |
| 384   Jabo2  |       |
| Sas   Iab02  |       |
| Bab28poc   Heptachlor Epoxide   LBXHPE   Heptachlor Epoxide (ng/g)   |       |
| lab28poc   Heptachlor Epoxide comment code   LBDHPELC   Heptachlor Epoxide comment code   LBDHPELC   Heptachlor Epoxide Lipid Adj   LBXHPELA   Heptachlor Epoxide Lipid Adj   LBXHPELA   Heptachlor Epoxide Lipid Adj   LBXHPELA   Heptachlor Epoxide Lipid Adj   LBXHE1   Herpes   Heptachlor Epoxide Lipid Adj   LBXHE2   Heptachlor Epoxide Lipid Adj   LBXHE3   Heptachlor Epoxide Lipid Adj   LBXHCB   Hexachlorobenzene (ng/g)   Mexachlorobenzene comment code   LBDHCBLC   Hexachlorobenzene comment code   LBDHCBLC   Hexachlorobenzene comment code   LBDHCBLC   Hexachlorobenzene Lipid Adj   LBXHCBLA   Hexachlorobenzene Lipid Adj   LBXHCBLA   Hexachlorobenzene Lipid Adj   LBXHCBLA   Hexachlorobenzene Lipid Adj   ng/d   Mexachlorobenzene Lipid Adj   ng/d   LBXHCBLA   Hexachlorobenzene comment code   LBDHI   HiV antibody test result   HIV antibody western blot positive   LBDHI   HIV antibody test result   HIV antibody test result   LBXHCY   Home built less than 5 years ago'   VTQ040   Home built less than 5 years ago'   VTQ040   Home has an attached garage?   VTQ030   Home has an attached garage?   VTQ180   Home has an attached garage?   VTQ180   Horis badden of the home has an attached garage?   VTQ180   Hothas have refore five minutes or long   VTQ180   Hothas have refore five minutes or long   Mexachlorobenzene comment   VTQ090   Hours spent indoors at home?   VTQ190   Hours spent indoors at home?      |       |
| Sa8   Iab28poc   |       |
| Same   |       |
| Sample   Sample   Herpes II  |       |
| Sample   S   |       |
| lab28poc   Hexachlorobenzene comment code   LBDHCBLC   Hexachlorobenzene comment code   LBDHCBLC   Hexachlorobenzene comment code   LBDHCBLC   Hexachlorobenzene Lipid Adj   LBXHCBLA   Hexachlorobenzene Lipid Adj   (ng/n)   1   |       |
| lab28poc Hexachlorobenzene Lipid Adj LBXHCBLA Hexachlorobenzene Lipid Adj (ng/las) lab03 HIV antibody western blot positive LBDHI HIV antibody test result Home built less than 5 years ago? VTQ040 Home built less than 5 years ago? lab21 Home has an attached garage? VTQ030 Home has an attached garage? lab06 Homocysteine LBXHCY Homocysteine (umol/L) lab21 Hot shower for five minutes or longer VTQ180 Hot shower for five minutes or longer VTQ020 Hours badge not worn Hours badge not worn VTQ020 Hours spent indoors at home? lab21 Hours spent indoors at home? VTQ090 Hours spent indoors at home? lab21 Hours spent indoors at work/school VTQ110 Hours spent indoors at work/school Hours spent indoors at work/school Hours spent indoors at work/school lab21 In drycleaning shop, drycleaned clothes VTQ150 In drycleaning shop, drycleaned clothes lab20 In the past 6 months, have new carpet VTQ070 In the past 6 months, have new carpet VTQ070 In the past 6 months, have new carpet LBXHN Insulin (uU/mL) lab10am Insulin LBXIN Insulin (uU/mL)  |       |
| Second Processing Pr   |       |
| 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 long 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 clot 404 lab21 In the past 6 months, have new carpet VTQ070 In the past 6 months, have new car 405 lab20 Index child for sampling DCDINDEX Index child for sampling 406 lab10am Insulin LBXIN Insulin: SI(pmol/L)  | )     |
| 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 long 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 clot 404 lab21 In the past 6 months, have new carpet VTQ070 In the past 6 months, have new car 405 lab20 Index child for sampling DCDINDEX Index child for sampling 406 lab10am Insulin LBXIN Insulin: SI(pmol/L)   |       |
| 397 lab06 Homocysteine LBXHCY Homocysteine (umol/L) 398 lab21 Hot shower for five minutes or longer VTQ180 Hot shower for five minutes or long 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 clot 404 lab21 In the past 6 months, have new carpet VTQ070 In the past 6 months, have new car 405 lab20 Index child for sampling DCDINDEX Index child for sampling 406 lab10am Insulin LBXIN Insulin: SI(pmol/L)  |       |
| 398 lab21 Hot shower for five minutes or longer VTQ180 Hot shower for five minutes or long 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 clothed 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: SI(pmol/L)  |       |
| 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 clot 404 lab21 In the past 6 months, have new carpet VTQ070 In the past 6 months, have new car 405 lab20 Index child for sampling DCDINDEX Index child for sampling 406 lab10am Insulin LBXIN Insulin: SI(pmol/L)   |       |
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| 402lab21Hours spent outdoorsVTQ120Hours spent outdoors403lab21In drycleaning shop, drycleaned clothesVTQ150In drycleaning shop, drycleaned clot404lab21In the past 6 months, have new carpetVTQ070In the past 6 months, have new car405lab20Index child for samplingDCDINDEXIndex child for sampling406lab10amInsulinLBXINInsulin (uU/mL)407lab10amInsulinLBXINSIInsulin: SI(pmol/L)   |       |
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| 406         lab10am         Insulin         LBXIN         Insulin (uU/mL)           407         lab10am         Insulin         LBXINSI         Insulin: SI(pmol/L)  | et    |
| 407 lab10am Insulin LBXINSI Insulin: SI(pmol/L)  |       |
| u /  |       |
| 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)   |       |
| 415 lab13am LDL-cholesterol LBDLDL LDL-cholesterol (mg/dL)   |       |
| 416 lab13am LDL-cholesterol LBDLDLSI LDL-cholesterol (mmol/L)  |       |
| 417 lab20 Lead dust floor (FAAS) comment code LBDD3LC Lead dust floor (FAAS) comment code  | le    |
| 418 lab20 Lead dust floor (GFAAS) comment code LBDDFSLC Lead dust floor (GFAAS) comment code   | de    |

| 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    | phpypa    | mono-benzyl phthalate                    | URXMZP      | mono-benzyl phthalate (ng/mL)           |
| 450    | phpypa    | mono-cyclohexyl phthalate                | URXMCP      | mono-cyclohexyl phthalate (ng/mL)       |
| 451    | phpypa    | mono-ethyl phthalate                     | URXMEP      | mono-ethyl phthalate (ng/mL)            |
| 452    | phpypa    | mono-isononyl phthalate                  | URXMNP      | mono-isononyl phthalate (ng/mL)         |
| 453    | phpypa    | mono-n-butyl phthalate                   | URXMBP      | mono-n-butyl phthalate (ng/mL)          |
| 454    | phpypa    | mono-n-octyl phthalate                   | URXMOP      | mono-n-octyl phthalate (ng/mL)          |
| 455    | lab25     | Monocyte number                          | LBDMONO     | Monocyte number                         |
| 456    | lab25     | Monocyte percent                         | LBXMOPCT    | Monocyte percent (%)                    |
| 457    | lab21     | Mothballs, moth crystals, or mothflakes  | VTQ200B     | Mothballs, moth crystals, or mothflakes |
| 458    | lab21     | MTBE (ug/cubic meter)                    | LBXZMB      | MTBE (ug/cubic meter)                   |
| 459    | lab21     | MTBE comment                             | LBDZMBLC    | 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 wood-burning fire >= 10 min      |
| 464    | lab28poc  | o,p'-DDT                                 | LBXODT      | o,p'-DDT (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    | lab20pp   | Permanent, straightened, or dyed | HRQ010      | Permanent, straightened, or dyed |
| 555    | lab18     | Phosphorus                       | LBDSPHSI    | Phosphorus (mmol/L)              |
| 556    | lab18     | Phosphorus                       | LBXSPH      | Phosphorus (mg/dL)               |
| 330    | labio     | Γπουρποιαυ                       | LDAGFII     | r nosphorus (mg/uL)              |

| 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<br>573 | phpypa    | Phthalate Mec Weight Jack Knife Rep 17  | WTSPH10            | Phthalate Mec Weight Jack Knife Rep 17   |
| 573<br>574 | phpypa    | Phthalate Mec Weight Jack Knife Rep 18  | WTSPH18            | Phthalate Mec Weight Jack Knife Rep 18   |
| 574<br>575 | phpypa    | Phthalate Mec Weight Jack Knife Rep 19  | WTSPH19            | Phthalate Mec Weight Jack Knife Rep 19   |
| 575<br>576 |           | Phthalate Mec Weight Jack Knife Rep 19 Phthalate Mec Weight Jack Knife Rep 20 | WTSPH19<br>WTSPH20 | Phthalate Mec Weight Jack Knife Rep 20   |
| 576<br>577 | phpypa    | Phthalate Mec Weight Jack Knife Rep 20 Phthalate Mec Weight Jack Knife Rep 21 | WTSPH20<br>WTSPH21 | Phthalate Mec Weight Jack Knife Rep 21   |
| 577<br>578 | phpypa    | Phthalate Mec Weight Jack Knife Rep 21 Phthalate Mec Weight Jack Knife Rep 22 | WTSPH21<br>WTSPH22 | Phthalate Mec Weight Jack Knife Rep 21  Phthalate Mec Weight Jack Knife Rep 22 |
| 578<br>579 | phpypa    | ·   | WTSPH22<br>WTSPH23 | · ·  |
| 579<br>580 | phpypa    | Phthalate Mec Weight Jack Knife Rep 23  | WTSPH23<br>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<br>LBDSCASI<br>LBXSCA | Toluene comment Calcium, total (mmol/L)  |
|---|-----------------------------------|--|
| 743 lab18 Total Calciur<br>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.)               |