

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: Perfluorinated
Chemicals (Surplus Sera)

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National Health and Nutrition Examination Survey 1999–2000

Documentation, Codebook, and Frequencies

**Surplus Specimen Laboratory Component:
Perfluorinated Chemicals (Surplus Sera)**

**Survey Years:
1999 to 2000**

**SAS Export File:
SSPFC_a.XPT**



First Published: October 2006
Last revised: N/A

**NHANES 1999–2000 Data Release
October 2006
Documentation for Laboratory Results**

Surplus Sera Perfluorinated Chemicals

(1) Documentation File Date – October 2006

(2) Documentation File Name – SSPFC_A Surplus Sera Perfluorinated Chemicals

(3) Survey Years Included in this File Release – 1999–2000

(4) Component Description

The primary objective of this study was to characterize serum concentrations of selected perfluorinated chemicals (PFCs), including perfluorooctanoate (PFOA) and perfluorooctanesulfonate (PFOS), in a representative random 1/3 subset of the non-occupationally exposed US population from NHANES 1999-2000, so that we could obtain national population levels for these compounds over this two-year period.

(5) Sample Description:

5.1 Eligible Sample

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

(6) Description of the Laboratory Methodology

The measurements of PFCs were performed at the Division of Laboratory Sciences (DLS), National Center for Environmental Health (NCEH), Centers for Disease Control and Prevention (CDC). Through a multiple reaction monitoring experiment, the following analytes were measured: perfluorooctane sulfonamide (PFOSA), 2-(N-ethyl-perfluorooctane sulfonamido) acetic acid (Et-PFOSA-AcOH), 2-(N-methyl-perfluorooctane sulfonamido) acetic acid (Me-PFOSA-AcOH), perfluorohexane sulfonic acid (PFHxS), PFOS, PFOA, perfluorohexanoic acid (PFHxA), perfluorononanoic acid (PFNA), perfluorodecanoic acid (PFDeA), perfluoroundecanoic acid (PFUA), and perfluorododecanoic acid (PFDoA). The analytical method used has been described in detail (Kuklenyik et al. 2005). Briefly, without protein precipitation, only dilution with 0.1 M formic acid, one aliquot of 100 µL of serum was injected into a commercial column switching system allowing for concentration of the analytes on a C18 solid-phase extraction column. This column was placed automatically in front of a C8 analytical high-performance liquid chromatography column for chromatographic separation of the analytes. Detection and quantification were done using negative-ion TurbolonSpray ionization, a variant of electrospray ionization, tandem mass spectrometry. Three isotope-labeled internal standards were used for quantification: ¹⁸O₂-PFOSA, ¹⁸O₂-PFOS, and ¹³C₂-PFOA. To compensate for the lack of isotope-labeled internal standards for the other analytes and account for matrix effects, the calibration standards

were spiked into calf serum. Spiked serum was analyzed repeatedly to determine the limit of detection (LOD), accuracy, and precision of the method. LOD was calculated as $3S_0$, where S_0 is the standard deviation as the concentration approaches zero (Taylor 1987). LOD was 0.2 nanograms per milliliter (ng/mL), except for PFHxS (0.1 ng/mL) and PFOSA (0.05 ng/mL). The standard accuracies (77%-109%) and their relative standard deviations (5%-24%) were obtained at three spike levels (LOD, 1.25 ng/mL and 12.5 ng/mL) (Kuklennyik et al. 2005). To correct for the endogenous PFOS present in the calf serum, we increased the calculated PFOS concentrations by 0.6 ng/mL. No corrections were applied to the other PFC concentrations (Kuklennyik et al. 2005).

(7) Laboratory Quality Control and Monitoring

CDC's laboratory is CLIA '88 certified and practices all quality control (QC) and assurance procedures dictated by this certification. Serum concentrations of PFCs currently have no known clinical significance other than indicating exposure to PFCs prior to specimen collection in 1999-2000. Therefore, no reports will be forwarded to NHANES survey participants.

QC procedures included the daily analysis of characterized serum pools and the periodic analysis of proficiency testing materials. Low-concentration (QCL; ~3 ng/mL to ~9 ng/mL, depending upon the analyte) and high-concentration (QCH; ~10 ng/mL to ~30 ng/mL, depending upon the analyte) QC materials were prepared from a base calf serum pool, dispensed in 3-mL aliquots and stored at $-20\text{ }^{\circ}\text{C}$. QC materials were characterized through repeated measurements spanning at least 3 weeks, to define the mean concentrations and the 95% and 99% control limits of PFCs. The coefficients of variation of 30 repeated measurements for each serum pool ranged between 6% and 16% for all analytes (Kuklennyik et al. 2005). Each analytical batch of NHANES samples also included 9 calibration standards, 2 QCH, 2 QCL, 2 reagent blanks, and 1 serum blank. The concentrations of the two QCH and the two QCL were averaged to obtain one measurement of QCH and of QCL per batch; these concentrations were evaluated using standard statistical probability rules.

(8) Data Processing and Editing

Specimens were processed, stored, and shipped to DLS, NCEH, CDC (Atlanta, Georgia). Detailed specimen collection and processing instructions are discussed in the NHANES LPM. Read the LABDOC file for detailed data processing and editing protocols. The analytical method is described in detail in a peer-reviewed publication (Kuklennyik et al. 2005).

(9) Data Access:

All data are publicly available.

(10) Analytic Notes for Data Users:

The analysis of NHANES 1999–2000 PFCs data must be conducted with the key survey design and basic demographic variables. The NHANES 1999–2000 Household

Questionnaire Data files contain demographic data, health indicators, and other related information collected during household interviews. They also contain all survey design variables and sample weights. The phlebotomy file includes auxiliary information such as the conditions precluding venipuncture. The household questionnaire and phlebotomy files may be linked to the laboratory data file using the unique survey participant identifier SEQN.

(11) References

Kuklennyik Z, Needham LL, Calafat AM. 2005. Measurement of 18 perfluorinated organic acids and amides in human serum using on-line solid-phase extraction. *Anal Chem* 77:6085-6091.

Taylor JK. 1987. *Quality Assurance of Chemical Measurements*. Chelsea, MI:Lewis Publishers.

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

**Surplus Sera Perfluorinated Chemicals (SSPFC_A)
Person Level Data**

First Published: October 2006

Last Updated: N/A



SEQN	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

SEPAH	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Surplus sera EPAH result (ng/ml)
English Text: Surplus sera 2-(N-ethyl-perfluorooctane sulfonamido) acetate (EPAH) result (ng/ml)	
English Instructions:	

Code or Value	Description	Count	Cumulative	Skip to Item
0.2 to 24.6	Range of Values	1591	1591	
.	Missing	0	1591	

SMPAH	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Surplus sera MPAH result (ng/ml)
English Text: Surplus sera 2-(N-methyl-perfluorooctane sulfonamido) acetate (MPAH) result (ng/ml)	
English Instructions:	

Code or Value	Description	Count	Cumulative	Skip to Item
0.2 to 44	Range of Values	1591	1591	
.	Missing	0	1591	

SPFDE	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Surplus sera PFDE result (ng/ml)			
English Text: Surplus sera perfluorodecanoate (PFDE) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.2 to 7.8	Range of Values	1591	1591	
.	Missing	0	1591	

SPFDO	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Surplus sera PFDO result (ng/ml)			
English Text: Surplus sera perfluorododecanoate (PFDO) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.2 to 1	Range of Values	1591	1591	
.	Missing	0	1591	

SPFHP		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Surplus sera PFHP result (ng/ml)		
English Text: Surplus sera perfluoroheptanoate (PFHP) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.4 to 4.2	Range of Values	1591	1591	
.	Missing	0	1591	

SPFHS		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Surplus sera PFHS result (ng/ml)		
English Text: Surplus sera perfluorohexane sulfonate (PFHS) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.1 to 46.5	Range of Values	1591	1591	
.	Missing	0	1591	

SPFNA		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Surplus sera PFNA result (ng/ml)		
English Text: Surplus sera perfluorononanoate (PFNA) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.1 to 13.7	Range of Values	1591	1591	
.	Missing	0	1591	

SPFOA		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Surplus sera PFOA result (ng/ml)		
English Text: Surplus sera perfluorooctanoate (PFOA) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.1 to 123	Range of Values	1591	1591	
.	Missing	0	1591	

SPFOS		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Surplus sera PFOS result (ng/ml)		
English Text: Surplus sera perfluorooctane sulfonate (PFOS) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.3 to 298	Range of Values	1591	1591	
.	Missing	0	1591	

SPFSA		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Surplus sera PFSA result (ng/ml)		
English Text: Surplus sera perfluorooctane sulfonamide (PFSA) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.1 to 9.6	Range of Values	1591	1591	
.	Missing	0	1591	

SPFUA		Target		
		B(1 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Surplus sera PFUA result (ng/ml)		
English Text: Surplus sera perfluoroundecanoate (PFUA) result (ng/ml)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0.2 to 4	Range of Values	1591	1591	
.	Missing	0	1591	

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 red-top 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	I02hbs	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	LDHDBG	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 (umol/L)
73	lab06	Transferrin saturation	LBXPCT	Transferrin saturation (%)
74	lab06	Ferritin	LBXFER	Ferritin (ng/mL)
75	lab06	Ferritin	LBDFERSI	Ferritin (ug/L)
76	lab06	Folate, serum	LBXFOL	Folate, serum (ng/mL)
77	lab06	Folate, serum	LBDFOLSI	Folate, serum (nmol/L)
78	lab06	Vitamin B12, serum	LBXB12	Vitamin B12, serum (pg/mL)
79	lab06	Vitamin B12, serum	LBDB12SI	Vitamin B12, serum (pmol/L)

Item #	File name	Component	Variable ID	Label
80	lab06	Homocysteine	LBXHCY	Homocysteine (umol/L)
81	lab06	Methylmalonic acid	LBXTHG	Methylmalonic acid (umol/L)
82	lab06	Mercury, total, Blood	LBXTHG	Mercury, total (ug/L)
83	lab06	Mercury, total, Blood	LBDRHGS	Mercury, total (umol/L)
84	lab06	Mercury, Inorganic, Blood	LBXIHG	Mercury, Inorganic (ug/L)
85	lab06	Mercury, Inorganic, Blood	LBDRHGS	Mercury, Inorganic (umol/L)
86	lab06	Folate, Red Blood Cell	LBXRBF	Folate, RBC (ng/mL RBC)
87	lab06	Folate, Red Blood Cell	LBDRBFS	Folate, RBC (nmol/L RBC)
88	lab06	Cotinine	LBXCOT	Cotinine (ng/mL)
89	lab06	Cotinine	LBDCOTS	Cotinine (nmol/L)
90	lab06	Selenium	LBXSEL	Selenium (ng/mL)
91	lab06	Selenium	LBDSELS	Selenium (nmol/L)
92	lab06	Gamma tocopherol	LBXGTC	Gamma tocopherol (ug/dL)
93	lab06	Gamma tocopherol	LBDRGTC	Gamma tocopherol (umol/L)
94	lab06	Retinyl palmitate	LBXRPL	Retinyl palmitate (ug/dL)
95	lab06	Retinyl palmitate	LBDRPLS	Retinyl palmitate (umol/L)
96	lab06	Retinyl stearate	LBXRST	Retinyl stearate (ug/dL)
97	lab06	Retinyl stearate	LBDRSTS	Retinyl stearate(umol/L)
98	lab06	Vitamin A	LBXVIA	Vitamin A (ug/dL)
99	lab06	Vitamin A	LBDRVIA	Vitamin A (umol/L)
100	lab06	Vitamin E	LBXVIE	Vitamin E (ug/dL)
101	lab06	Vitamin E	LBDRVIE	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 phosphatase	LBXBAP	Bone alkaline phosphatase (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	LBDDHL	HDL-cholesterol (mg/dL)
198	lab13	HDL-cholesterol	LBDDHLSI	HDL-cholesterol (mmol/L)
199	lab13am	Respondent sequence number	SEQN	Respondent sequence number
200	lab13am	2Yr AM(3-11) & fasting (12+) weights	WTSFA2YR	2Yr AM(3-11) & fasting (12+) weights
201	lab13am	4Yr AM(3-11) & fasting (12+) weights	WTSFA4YR	4Yr AM(3-11) & fasting (12+) weights
202	lab13am	Triglyceride	LBXTR	Triglyceride (mg/dL)
203	lab13am	Triglyceride	LBDRSI	Triglyceride (mmol/L)
204	lab13am	LDL-cholesterol	LBDDL	LDL-cholesterol (mg/dL)
205	lab13am	LDL-cholesterol	LBDDLDSI	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	LBDSALS	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	LBDSACASI	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	LBDSSTBSI	Bilirubin, total (umol/L)
244	lab18	Protein, total	LBXSTP	Protein, total (g/dL)
245	lab18	Protein, total	LBDSSTPSI	Protein, total (g/L)
246	lab18	Triglycerides	LBXSTR	Triglycerides (mg/dL)
247	lab18	Triglycerides	LBDSSTRSI	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	LBXSOSI	Osmolality (mOsm/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)	LBTD4SI	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	LBZBZLC	Benzene comment
296	lab21	Chloroform (ug/cubic meter)	LBXZCF	Chloroform (ug/cubic meter)
297	lab21	Chloroform comment	LBZCFLC	Chloroform comment
298	lab21	Ethylbenzene (ug/cubic meter)	LBXZEB	Ethylbenzene (ug/cubic meter)
299	lab21	Ethylbenzene comment	LBZEBLC	Ethylbenzene comment
300	lab21	Tetrachloroethene (ug/cubic meter)	LBXZTE	Tetrachloroethene (ug/cubic meter)
301	lab21	Tetrachloroethene comment	LBZTELC	Tetrachloroethene comment
302	lab21	Toluene (ug/cubic meter)	LBXZTO	Toluene (ug/cubic meter)
303	lab21	Toluene comment	LBZTOLC	Toluene comment
304	lab21	Trichloroethene (ug/cubic meter)	LBXZTI	Trichloroethene (ug/cubic meter)
305	lab21	Trichloroethene comment	LBZTILC	Trichloroethene comment
306	lab21	o-Xylene (ug/cubic meter)	LBXZOX	o-Xylene (ug/cubic meter)
307	lab21	o-Xylene comment	LBZOXLC	o-Xylene comment
308	lab21	m,p-Xylene (ug/cubic meter)	LBXZXY	m,p-Xylene (ug/cubic meter)
309	lab21	m,p-Xylene comment	LBZXYLC	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	LBDZDBC	1,4-dichlorobenzene comment
312	lab21	MTBE (ug/cubic meter)	LBXZMB	MTBE (ug/cubic meter)
313	lab21	MTBE comment	LBDZMBC	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	WTSP4YR	PPesticides Subsample 4 Year Mec Weight
374	lab26pp	PPesticides Subsample 2 Year Mec Weight	WTSP2YR	PPesticides Subsample 2 Year Mec Weight
375	lab26pp	PPesticides Mec Weight Jack Knife Rep 01	WTSP01	PPesticides Mec Weight Jack Knife Rep 01
376	lab26pp	PPesticides Mec Weight Jack Knife Rep 02	WTSP02	PPesticides Mec Weight Jack Knife Rep 02
377	lab26pp	PPesticides Mec Weight Jack Knife Rep 03	WTSP03	PPesticides Mec Weight Jack Knife Rep 03
378	lab26pp	PPesticides Mec Weight Jack Knife Rep 04	WTSP04	PPesticides Mec Weight Jack Knife Rep 04
379	lab26pp	PPesticides Mec Weight Jack Knife Rep 05	WTSP05	PPesticides Mec Weight Jack Knife Rep 05
380	lab26pp	PPesticides Mec Weight Jack Knife Rep 06	WTSP06	PPesticides Mec Weight Jack Knife Rep 06
381	lab26pp	PPesticides Mec Weight Jack Knife Rep 07	WTSP07	PPesticides Mec Weight Jack Knife Rep 07
382	lab26pp	PPesticides Mec Weight Jack Knife Rep 08	WTSP08	PPesticides Mec Weight Jack Knife Rep 08
383	lab26pp	PPesticides Mec Weight Jack Knife Rep 09	WTSP09	PPesticides Mec Weight Jack Knife Rep 09
384	lab26pp	PPesticides Mec Weight Jack Knife Rep 10	WTSP10	PPesticides Mec Weight Jack Knife Rep 10
385	lab26pp	PPesticides Mec Weight Jack Knife Rep 11	WTSP11	PPesticides Mec Weight Jack Knife Rep 11
386	lab26pp	PPesticides Mec Weight Jack Knife Rep 12	WTSP12	PPesticides Mec Weight Jack Knife Rep 12
387	lab26pp	PPesticides Mec Weight Jack Knife Rep 13	WTSP13	PPesticides Mec Weight Jack Knife Rep 13
388	lab26pp	PPesticides Mec Weight Jack Knife Rep 14	WTSP14	PPesticides Mec Weight Jack Knife Rep 14
389	lab26pp	PPesticides Mec Weight Jack Knife Rep 15	WTSP15	PPesticides Mec Weight Jack Knife Rep 15
390	lab26pp	PPesticides Mec Weight Jack Knife Rep 16	WTSP16	PPesticides Mec Weight Jack Knife Rep 16
391	lab26pp	PPesticides Mec Weight Jack Knife Rep 17	WTSP17	PPesticides Mec Weight Jack Knife Rep 17
392	lab26pp	PPesticides Mec Weight Jack Knife Rep 18	WTSP18	PPesticides Mec Weight Jack Knife Rep 18
393	lab26pp	PPesticides Mec Weight Jack Knife Rep 19	WTSP19	PPesticides Mec Weight Jack Knife Rep 19
394	lab26pp	PPesticides Mec Weight Jack Knife Rep 20	WTSP20	PPesticides Mec Weight Jack Knife Rep 20
395	lab26pp	PPesticides Mec Weight Jack Knife Rep 21	WTSP21	PPesticides Mec Weight Jack Knife Rep 21
396	lab26pp	PPesticides Mec Weight Jack Knife Rep 22	WTSP22	PPesticides Mec Weight Jack Knife Rep 22
397	lab26pp	PPesticides Mec Weight Jack Knife Rep 23	WTSP23	PPesticides Mec Weight Jack Knife Rep 23
398	lab26pp	PPesticides Mec Weight Jack Knife Rep 24	WTSP24	PPesticides Mec Weight Jack Knife Rep 24
399	lab26pp	PPesticides Mec Weight Jack Knife Rep 25	WTSP25	PPesticides Mec Weight Jack Knife Rep 25
400	lab26pp	PPesticides Mec Weight Jack Knife Rep 26	WTSP26	PPesticides Mec Weight Jack Knife Rep 26
401	lab26pp	PPesticides Mec Weight Jack Knife Rep 27	WTSP27	PPesticides Mec Weight Jack Knife Rep 27

Item #	File name	Component	Variable ID	Label
402	lab26pp	PPesticides Mec Weight Jack Knife Rep 28	WTSP28	PPesticides Mec Weight Jack Knife Rep 28
403	lab26pp	PPesticides Mec Weight Jack Knife Rep 29	WTSP29	PPesticides Mec Weight Jack Knife Rep 29
404	lab26pp	PPesticides Mec Weight Jack Knife Rep 30	WTSP30	PPesticides Mec Weight Jack Knife Rep 30
405	lab26pp	PPesticides Mec Weight Jack Knife Rep 31	WTSP31	PPesticides Mec Weight Jack Knife Rep 31
406	lab26pp	PPesticides Mec Weight Jack Knife Rep 32	WTSP32	PPesticides Mec Weight Jack Knife Rep 32
407	lab26pp	PPesticides Mec Weight Jack Knife Rep 33	WTSP33	PPesticides Mec Weight Jack Knife Rep 33
408	lab26pp	PPesticides Mec Weight Jack Knife Rep 34	WTSP34	PPesticides Mec Weight Jack Knife Rep 34
409	lab26pp	PPesticides Mec Weight Jack Knife Rep 35	WTSP35	PPesticides Mec Weight Jack Knife Rep 35
410	lab26pp	PPesticides Mec Weight Jack Knife Rep 36	WTSP36	PPesticides Mec Weight Jack Knife Rep 36
411	lab26pp	PPesticides Mec Weight Jack Knife Rep 37	WTSP37	PPesticides Mec Weight Jack Knife Rep 37
412	lab26pp	PPesticides Mec Weight Jack Knife Rep 38	WTSP38	PPesticides Mec Weight Jack Knife Rep 38
413	lab26pp	PPesticides Mec Weight Jack Knife Rep 39	WTSP39	PPesticides Mec Weight Jack Knife Rep 39
414	lab26pp	PPesticides Mec Weight Jack Knife Rep 40	WTSP40	PPesticides Mec Weight Jack Knife Rep 40
415	lab26pp	PPesticides Mec Weight Jack Knife Rep 41	WTSP41	PPesticides Mec Weight Jack Knife Rep 41
416	lab26pp	PPesticides Mec Weight Jack Knife Rep 42	WTSP42	PPesticides Mec Weight Jack Knife Rep 42
417	lab26pp	PPesticides Mec Weight Jack Knife Rep 43	WTSP43	PPesticides Mec Weight Jack Knife Rep 43
418	lab26pp	PPesticides Mec Weight Jack Knife Rep 44	WTSP44	PPesticides Mec Weight Jack Knife Rep 44
419	lab26pp	PPesticides Mec Weight Jack Knife Rep 45	WTSP45	PPesticides Mec Weight Jack Knife Rep 45
420	lab26pp	PPesticides Mec Weight Jack Knife Rep 46	WTSP46	PPesticides Mec Weight Jack Knife Rep 46
421	lab26pp	PPesticides Mec Weight Jack Knife Rep 47	WTSP47	PPesticides Mec Weight Jack Knife Rep 47
422	lab26pp	PPesticides Mec Weight Jack Knife Rep 48	WTSP48	PPesticides Mec Weight Jack Knife Rep 48
423	lab26pp	PPesticides Mec Weight Jack Knife Rep 49	WTSP49	PPesticides Mec Weight Jack Knife Rep 49
424	lab26pp	PPesticides Mec Weight Jack Knife Rep 50	WTSP50	PPesticides Mec Weight Jack Knife Rep 50
425	lab26pp	PPesticides Mec Weight Jack Knife Rep 51	WTSP51	PPesticides Mec Weight Jack Knife Rep 51
426	lab26pp	PPesticides Mec Weight Jack Knife Rep 52	WTSP52	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	URDCBFCLC	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	WTSP04YR	Dioxins Subsample 4 Year Mec Weight
478	lab28poc	Dioxins Subsample 2 Year Mec Weight	WTSP02YR	Dioxins Subsample 2 Year Mec Weight
479	lab28poc	Dioxins Mec Weight Jack Knife Rep 01	WTSP001	Dioxins Mec Weight Jack Knife Rep 01
480	lab28poc	Dioxins Mec Weight Jack Knife Rep 02	WTSP002	Dioxins Mec Weight Jack Knife Rep 02
481	lab28poc	Dioxins Mec Weight Jack Knife Rep 03	WTSP003	Dioxins Mec Weight Jack Knife Rep 03
482	lab28poc	Dioxins Mec Weight Jack Knife Rep 04	WTSP004	Dioxins Mec Weight Jack Knife Rep 04
483	lab28poc	Dioxins Mec Weight Jack Knife Rep 05	WTSP005	Dioxins Mec Weight Jack Knife Rep 05
484	lab28poc	Dioxins Mec Weight Jack Knife Rep 06	WTSP006	Dioxins Mec Weight Jack Knife Rep 06
485	lab28poc	Dioxins Mec Weight Jack Knife Rep 07	WTSP007	Dioxins Mec Weight Jack Knife Rep 07
486	lab28poc	Dioxins Mec Weight Jack Knife Rep 08	WTSP008	Dioxins Mec Weight Jack Knife Rep 08
487	lab28poc	Dioxins Mec Weight Jack Knife Rep 09	WTSP009	Dioxins Mec Weight Jack Knife Rep 09
488	lab28poc	Dioxins Mec Weight Jack Knife Rep 10	WTSP010	Dioxins Mec Weight Jack Knife Rep 10
489	lab28poc	Dioxins Mec Weight Jack Knife Rep 11	WTSP011	Dioxins Mec Weight Jack Knife Rep 11
490	lab28poc	Dioxins Mec Weight Jack Knife Rep 12	WTSP012	Dioxins Mec Weight Jack Knife Rep 12
491	lab28poc	Dioxins Mec Weight Jack Knife Rep 13	WTSP013	Dioxins Mec Weight Jack Knife Rep 13
492	lab28poc	Dioxins Mec Weight Jack Knife Rep 14	WTSP014	Dioxins Mec Weight Jack Knife Rep 14
493	lab28poc	Dioxins Mec Weight Jack Knife Rep 15	WTSP015	Dioxins Mec Weight Jack Knife Rep 15

Item #	File name	Component	Variable ID	Label
494	lab28poc	Dioxins Mec Weight Jack Knife Rep 16	WTSP016	Dioxins Mec Weight Jack Knife Rep 16
495	lab28poc	Dioxins Mec Weight Jack Knife Rep 17	WTSP017	Dioxins Mec Weight Jack Knife Rep 17
496	lab28poc	Dioxins Mec Weight Jack Knife Rep 18	WTSP018	Dioxins Mec Weight Jack Knife Rep 18
497	lab28poc	Dioxins Mec Weight Jack Knife Rep 19	WTSP019	Dioxins Mec Weight Jack Knife Rep 19
498	lab28poc	Dioxins Mec Weight Jack Knife Rep 20	WTSP020	Dioxins Mec Weight Jack Knife Rep 20
499	lab28poc	Dioxins Mec Weight Jack Knife Rep 21	WTSP021	Dioxins Mec Weight Jack Knife Rep 21
500	lab28poc	Dioxins Mec Weight Jack Knife Rep 22	WTSP022	Dioxins Mec Weight Jack Knife Rep 22
501	lab28poc	Dioxins Mec Weight Jack Knife Rep 23	WTSP023	Dioxins Mec Weight Jack Knife Rep 23
502	lab28poc	Dioxins Mec Weight Jack Knife Rep 24	WTSP024	Dioxins Mec Weight Jack Knife Rep 24
503	lab28poc	Dioxins Mec Weight Jack Knife Rep 25	WTSP025	Dioxins Mec Weight Jack Knife Rep 25
504	lab28poc	Dioxins Mec Weight Jack Knife Rep 26	WTSP026	Dioxins Mec Weight Jack Knife Rep 26
505	lab28poc	Dioxins Mec Weight Jack Knife Rep 27	WTSP027	Dioxins Mec Weight Jack Knife Rep 27
506	lab28poc	Dioxins Mec Weight Jack Knife Rep 28	WTSP028	Dioxins Mec Weight Jack Knife Rep 28
507	lab28poc	Dioxins Mec Weight Jack Knife Rep 29	WTSP029	Dioxins Mec Weight Jack Knife Rep 29
508	lab28poc	Dioxins Mec Weight Jack Knife Rep 30	WTSP030	Dioxins Mec Weight Jack Knife Rep 30
509	lab28poc	Dioxins Mec Weight Jack Knife Rep 31	WTSP031	Dioxins Mec Weight Jack Knife Rep 31
510	lab28poc	Dioxins Mec Weight Jack Knife Rep 32	WTSP032	Dioxins Mec Weight Jack Knife Rep 32
511	lab28poc	Dioxins Mec Weight Jack Knife Rep 33	WTSP033	Dioxins Mec Weight Jack Knife Rep 33
512	lab28poc	Dioxins Mec Weight Jack Knife Rep 34	WTSP034	Dioxins Mec Weight Jack Knife Rep 34
513	lab28poc	Dioxins Mec Weight Jack Knife Rep 35	WTSP035	Dioxins Mec Weight Jack Knife Rep 35
514	lab28poc	Dioxins Mec Weight Jack Knife Rep 36	WTSP036	Dioxins Mec Weight Jack Knife Rep 36
515	lab28poc	Dioxins Mec Weight Jack Knife Rep 37	WTSP037	Dioxins Mec Weight Jack Knife Rep 37
516	lab28poc	Dioxins Mec Weight Jack Knife Rep 38	WTSP038	Dioxins Mec Weight Jack Knife Rep 38
517	lab28poc	Dioxins Mec Weight Jack Knife Rep 39	WTSP039	Dioxins Mec Weight Jack Knife Rep 39
518	lab28poc	Dioxins Mec Weight Jack Knife Rep 40	WTSP040	Dioxins Mec Weight Jack Knife Rep 40
519	lab28poc	Dioxins Mec Weight Jack Knife Rep 41	WTSP041	Dioxins Mec Weight Jack Knife Rep 41
520	lab28poc	Dioxins Mec Weight Jack Knife Rep 42	WTSP042	Dioxins Mec Weight Jack Knife Rep 42
521	lab28poc	Dioxins Mec Weight Jack Knife Rep 43	WTSP043	Dioxins Mec Weight Jack Knife Rep 43
522	lab28poc	Dioxins Mec Weight Jack Knife Rep 44	WTSP044	Dioxins Mec Weight Jack Knife Rep 44
523	lab28poc	Dioxins Mec Weight Jack Knife Rep 45	WTSP045	Dioxins Mec Weight Jack Knife Rep 45
524	lab28poc	Dioxins Mec Weight Jack Knife Rep 46	WTSP046	Dioxins Mec Weight Jack Knife Rep 46
525	lab28poc	Dioxins Mec Weight Jack Knife Rep 47	WTSP047	Dioxins Mec Weight Jack Knife Rep 47
526	lab28poc	Dioxins Mec Weight Jack Knife Rep 48	WTSP048	Dioxins Mec Weight Jack Knife Rep 48
527	lab28poc	Dioxins Mec Weight Jack Knife Rep 49	WTSP049	Dioxins Mec Weight Jack Knife Rep 49
528	lab28poc	Dioxins Mec Weight Jack Knife Rep 50	WTSP050	Dioxins Mec Weight Jack Knife Rep 50
529	lab28poc	Dioxins Mec Weight Jack Knife Rep 51	WTSP051	Dioxins Mec Weight Jack Knife Rep 51
530	lab28poc	Dioxins Mec Weight Jack Knife Rep 52	WTSP052	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)
539	lab28poc	PCB66 comment code	LBD066LC	PCB66 comment code

Item #	File name	Component	Variable ID	Label
540	lab28poc	PCB74	LBX074	PCB74 (ng/g)
541	lab28poc	PCB74 Lipid Adj	LBX074LA	PCB74 Lipid Adj (ng/g)
542	lab28poc	PCB74 comment code	LBD074LC	PCB74 comment code
543	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 Lipid Adj (ng/g)
578	lab28poc	PCB170 comment code	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	PCB177 (ng/g)
583	lab28poc	PCB177 Lipid Adj	LBX177LA	PCB177 Lipid Adj (ng/g)
584	lab28poc	PCB177 comment code	LBD177LC	PCB177 comment code
585	lab28poc	PCB178	LBX178	PCB178 (ng/g)

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-hxcdf	LBXF04	1,2,3,4,7,8-hxcdf (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-hxcdf comment code	LBDF04LC	1,2,3,4,7,8-hxcdf 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-pcnb comment code	LBDPCBLC	3,3',4,4',5-pcnb 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	LBXTC2LC	3,4,4',5-tcb comment code
645	lab28poc	2,3,7,8-tcdd	LBXTC2D	2,3,7,8-tcdd (fg/g)
646	lab28poc	2,3,7,8-tcdd Lipid Adj	LBXTC2DLA	2,3,7,8-tcdd Lipid Adj (pg/g)
647	lab28poc	2,3,7,8-tcdd comment code	LBXTC2DLC	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	LBXGHCLC	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	LBXHCBLC	Hexachlorobenzene comment code
657	lab28poc	Heptachlor Epoxide	LBXHP	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	LBXHXCCLA	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	Oxychlorane	LBXOXY	Oxychlorane (ng/g)
670	lab28poc	Oxychlorane Lipid Adj	LBXOXYLA	Oxychlorane Lipid Adj (ng/g)
671	lab28poc	Oxychlorane comment code	LBDXOXYLC	Oxychlorane 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	LBDPDEL	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	phypya	Respondent sequence number	SEQN	Respondent sequence number
701	phypya	Phthalate Subsample 4 Year Mec Weight	WTSPH4YR	Phthalate Subsample 4 Year Mec Weight
702	phypya	Phthalate Subsample 2 Year Mec Weight	WTSPH2YR	Phthalate Subsample 2 Year Mec Weight
703	phypya	Phthalate Mec Weight Jack Knife Rep 01	WTSPH01	Phthalate Mec Weight Jack Knife Rep 01
704	phypya	Phthalate Mec Weight Jack Knife Rep 02	WTSPH02	Phthalate Mec Weight Jack Knife Rep 02
705	phypya	Phthalate Mec Weight Jack Knife Rep 03	WTSPH03	Phthalate Mec Weight Jack Knife Rep 03
706	phypya	Phthalate Mec Weight Jack Knife Rep 04	WTSPH04	Phthalate Mec Weight Jack Knife Rep 04
707	phypya	Phthalate Mec Weight Jack Knife Rep 05	WTSPH05	Phthalate Mec Weight Jack Knife Rep 05
708	phypya	Phthalate Mec Weight Jack Knife Rep 06	WTSPH06	Phthalate Mec Weight Jack Knife Rep 06
709	phypya	Phthalate Mec Weight Jack Knife Rep 07	WTSPH07	Phthalate Mec Weight Jack Knife Rep 07
710	phypya	Phthalate Mec Weight Jack Knife Rep 08	WTSPH08	Phthalate Mec Weight Jack Knife Rep 08
711	phypya	Phthalate Mec Weight Jack Knife Rep 09	WTSPH09	Phthalate Mec Weight Jack Knife Rep 09
712	phypya	Phthalate Mec Weight Jack Knife Rep 10	WTSPH10	Phthalate Mec Weight Jack Knife Rep 10
713	phypya	Phthalate Mec Weight Jack Knife Rep 11	WTSPH11	Phthalate Mec Weight Jack Knife Rep 11
714	phypya	Phthalate Mec Weight Jack Knife Rep 12	WTSPH12	Phthalate Mec Weight Jack Knife Rep 12
715	phypya	Phthalate Mec Weight Jack Knife Rep 13	WTSPH13	Phthalate Mec Weight Jack Knife Rep 13
716	phypya	Phthalate Mec Weight Jack Knife Rep 14	WTSPH14	Phthalate Mec Weight Jack Knife Rep 14
717	phypya	Phthalate Mec Weight Jack Knife Rep 15	WTSPH15	Phthalate Mec Weight Jack Knife Rep 15
718	phypya	Phthalate Mec Weight Jack Knife Rep 16	WTSPH16	Phthalate Mec Weight Jack Knife Rep 16
719	phypya	Phthalate Mec Weight Jack Knife Rep 17	WTSPH17	Phthalate Mec Weight Jack Knife Rep 17
720	phypya	Phthalate Mec Weight Jack Knife Rep 18	WTSPH18	Phthalate Mec Weight Jack Knife Rep 18
721	phypya	Phthalate Mec Weight Jack Knife Rep 19	WTSPH19	Phthalate Mec Weight Jack Knife Rep 19
722	phypya	Phthalate Mec Weight Jack Knife Rep 20	WTSPH20	Phthalate Mec Weight Jack Knife Rep 20
723	phypya	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	URXMCP	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-hxcdf	LBXF04	1,2,3,4,7,8-hxcdf (fg/g)
14	lab28poc	1,2,3,4,7,8-hxcdf comment code	LBDF04LC	1,2,3,4,7,8-hxcdf 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	LBZDZBLC	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
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-pncdf	LBXF03	2,3,4,7,8-pncdf (fg/g)
48	lab28poc	2,3,4,7,8-pncdf comment code	LBDF03LC	2,3,4,7,8-pncdf comment code
49	lab28poc	2,3,4,7,8-pncdf Lipid Adj	LBXF03LA	2,3,4,7,8-pncdf Lipid Adj (pg/g)
50	lab28poc	2,3,7,8-tcdd	LBXTCD	2,3,7,8-tcdd (fg/g)

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	LBXHXCLC	3,3',4,4',5,5'-hxcb (fg/g)
76	lab28poc	3,3',4,4',5,5'-hxcb comment code	LBXHXCLC	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-pncb Lipid Adj	LBXPCBLA	3,3',4,4',5-pncb 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	LBXPCBLC	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	LBXTC2LC	3,4,4',5-tcb comment code
83	lab28poc	3,4,4',5-tcb Lipid Adj	LBXTC2LA	3,4,4',5-tcb Lipid Adj (pg/g)
84	lab26pp	3,5,6-trichloropyridinol	URXCPM	3,5,6-trichloropyridinol (ug/L)
85	lab26pp	3,5,6-trichloropyridinol comment code	URDCPMLC	3,5,6-trichloropyridinol comment code
86	phpypa	3-benzo[c] phenanthrene	URXP14	3-benzo[c] phenanthrene (ng/L)
87	phpypa	3-benzo[c] phenanthrene comment code	URDP14LC	3-benzo[c] phenanthrene comment code
88	phpypa	3-benz[a] anthracene	URXP16	3-benz[a] anthracene (ng/L)
89	phpypa	3-benz[a] anthracene comment code	URDP16LC	3-benz[a] anthracene comment code
90	phpypa	3-chrysene	URXP15	3-chrysene (ng/L)
91	phpypa	3-chrysene comment code	URDP15LC	3-chrysene comment code
92	phpypa	3-fluoranthene	URXP09	3-fluoranthene (ng/L)
93	phpypa	3-fluoranthene comment code	URDP09LC	3-fluoranthene comment code
94	phpypa	3-fluorene	URXP03	3-fluorene (ng/L)
95	phpypa	3-fluorene comment code	URDP03LC	3-fluorene comment code
96	phpypa	3-phenanthrene	URXP05	3-phenanthrene (ng/L)

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

Item #	File name	Component	Variable ID	Label
189	ph	Coffee or tea with cream or sugar?	PHQ020	Coffee or tea with cream or sugar?
190	ph	Coffee/tea fast time (hours)	PHACOFHR	Coffee/tea fast time (hours)
191	ph	Coffee/tea fast time (minutes)	PHACOFMN	Coffee/tea fast time (minutes)
192	lab06	Cotinine	LBDCOTSI	Cotinine (nmol/L)
193	lab06	Cotinine	LBXCOT	Cotinine (ng/mL)
194	lab18	Creatinine, serum	LBDCRSI	Creatinine (umol/L)
195	lab18	Creatinine, serum	LBXSCR	Creatinine (mg/dL)
196	lab06hm	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
197	lab16	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
198	lab16	Creatinine, urine	URXUCRSI	Creatinine, urine (umol/L)
199	lab26pp	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
200	phpypa	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
201	lab17	Cryptosporidium	LBDC1	Cryptosporidium (17kDA)
202	lab17	Cryptosporidium	LBDC2	Cryptosporidium (27kDA)
203	phpypa	Daidzein	URXDAZ	Daidzein (ng/mL)
204	lab26pp	DEET	URXDEE	DEET (ug/L)
205	lab26pp	DEET comment code	URDDEELC	DEET comment code
206	lab21	Description of street where you live	VTQ050	Description of street where you live
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)
209	lab21	Diesel fuel or kerosene	VTQ200G	Diesel fuel or kerosene
210	ph	Dietary supplements fast time (hours)	PHASUPHR	Dietary supplements fast time (hours)
211	ph	Dietary supplements fast time (minutes)	PHASUPMN	Dietary supplements fast time (minutes)
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	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	WTSP001	Dioxins Mec Weight Jack Knife Rep 01
220	lab28poc	Dioxins Mec Weight Jack Knife Rep 02	WTSP002	Dioxins Mec Weight Jack Knife Rep 02
221	lab28poc	Dioxins Mec Weight Jack Knife Rep 03	WTSP003	Dioxins Mec Weight Jack Knife Rep 03
222	lab28poc	Dioxins Mec Weight Jack Knife Rep 04	WTSP004	Dioxins Mec Weight Jack Knife Rep 04
223	lab28poc	Dioxins Mec Weight Jack Knife Rep 05	WTSP005	Dioxins Mec Weight Jack Knife Rep 05
224	lab28poc	Dioxins Mec Weight Jack Knife Rep 06	WTSP006	Dioxins Mec Weight Jack Knife Rep 06
225	lab28poc	Dioxins Mec Weight Jack Knife Rep 07	WTSP007	Dioxins Mec Weight Jack Knife Rep 07
226	lab28poc	Dioxins Mec Weight Jack Knife Rep 08	WTSP008	Dioxins Mec Weight Jack Knife Rep 08
227	lab28poc	Dioxins Mec Weight Jack Knife Rep 09	WTSP009	Dioxins Mec Weight Jack Knife Rep 09
228	lab28poc	Dioxins Mec Weight Jack Knife Rep 10	WTSP010	Dioxins Mec Weight Jack Knife Rep 10
229	lab28poc	Dioxins Mec Weight Jack Knife Rep 11	WTSP011	Dioxins Mec Weight Jack Knife Rep 11
230	lab28poc	Dioxins Mec Weight Jack Knife Rep 12	WTSP012	Dioxins Mec Weight Jack Knife Rep 12
231	lab28poc	Dioxins Mec Weight Jack Knife Rep 13	WTSP013	Dioxins Mec Weight Jack Knife Rep 13
232	lab28poc	Dioxins Mec Weight Jack Knife Rep 14	WTSP014	Dioxins Mec Weight Jack Knife Rep 14
233	lab28poc	Dioxins Mec Weight Jack Knife Rep 15	WTSP015	Dioxins Mec Weight Jack Knife Rep 15
234	lab28poc	Dioxins Mec Weight Jack Knife Rep 16	WTSP016	Dioxins Mec Weight Jack Knife Rep 16

Item #	File name	Component	Variable ID	Label
235	lab28poc	Dioxins Mec Weight Jack Knife Rep 17	WTSP017	Dioxins Mec Weight Jack Knife Rep 17
236	lab28poc	Dioxins Mec Weight Jack Knife Rep 18	WTSP018	Dioxins Mec Weight Jack Knife Rep 18
237	lab28poc	Dioxins Mec Weight Jack Knife Rep 19	WTSP019	Dioxins Mec Weight Jack Knife Rep 19
238	lab28poc	Dioxins Mec Weight Jack Knife Rep 20	WTSP020	Dioxins Mec Weight Jack Knife Rep 20
239	lab28poc	Dioxins Mec Weight Jack Knife Rep 21	WTSP021	Dioxins Mec Weight Jack Knife Rep 21
240	lab28poc	Dioxins Mec Weight Jack Knife Rep 22	WTSP022	Dioxins Mec Weight Jack Knife Rep 22
241	lab28poc	Dioxins Mec Weight Jack Knife Rep 23	WTSP023	Dioxins Mec Weight Jack Knife Rep 23
242	lab28poc	Dioxins Mec Weight Jack Knife Rep 24	WTSP024	Dioxins Mec Weight Jack Knife Rep 24
243	lab28poc	Dioxins Mec Weight Jack Knife Rep 25	WTSP025	Dioxins Mec Weight Jack Knife Rep 25
244	lab28poc	Dioxins Mec Weight Jack Knife Rep 26	WTSP026	Dioxins Mec Weight Jack Knife Rep 26
245	lab28poc	Dioxins Mec Weight Jack Knife Rep 27	WTSP027	Dioxins Mec Weight Jack Knife Rep 27
246	lab28poc	Dioxins Mec Weight Jack Knife Rep 28	WTSP028	Dioxins Mec Weight Jack Knife Rep 28
247	lab28poc	Dioxins Mec Weight Jack Knife Rep 29	WTSP029	Dioxins Mec Weight Jack Knife Rep 29
248	lab28poc	Dioxins Mec Weight Jack Knife Rep 30	WTSP030	Dioxins Mec Weight Jack Knife Rep 30
249	lab28poc	Dioxins Mec Weight Jack Knife Rep 31	WTSP031	Dioxins Mec Weight Jack Knife Rep 31
250	lab28poc	Dioxins Mec Weight Jack Knife Rep 32	WTSP032	Dioxins Mec Weight Jack Knife Rep 32
251	lab28poc	Dioxins Mec Weight Jack Knife Rep 33	WTSP033	Dioxins Mec Weight Jack Knife Rep 33
252	lab28poc	Dioxins Mec Weight Jack Knife Rep 34	WTSP034	Dioxins Mec Weight Jack Knife Rep 34
253	lab28poc	Dioxins Mec Weight Jack Knife Rep 35	WTSP035	Dioxins Mec Weight Jack Knife Rep 35
254	lab28poc	Dioxins Mec Weight Jack Knife Rep 36	WTSP036	Dioxins Mec Weight Jack Knife Rep 36
255	lab28poc	Dioxins Mec Weight Jack Knife Rep 37	WTSP037	Dioxins Mec Weight Jack Knife Rep 37
256	lab28poc	Dioxins Mec Weight Jack Knife Rep 38	WTSP038	Dioxins Mec Weight Jack Knife Rep 38
257	lab28poc	Dioxins Mec Weight Jack Knife Rep 39	WTSP039	Dioxins Mec Weight Jack Knife Rep 39
258	lab28poc	Dioxins Mec Weight Jack Knife Rep 40	WTSP040	Dioxins Mec Weight Jack Knife Rep 40
259	lab28poc	Dioxins Mec Weight Jack Knife Rep 41	WTSP041	Dioxins Mec Weight Jack Knife Rep 41
260	lab28poc	Dioxins Mec Weight Jack Knife Rep 42	WTSP042	Dioxins Mec Weight Jack Knife Rep 42
261	lab28poc	Dioxins Mec Weight Jack Knife Rep 43	WTSP043	Dioxins Mec Weight Jack Knife Rep 43
262	lab28poc	Dioxins Mec Weight Jack Knife Rep 44	WTSP044	Dioxins Mec Weight Jack Knife Rep 44
263	lab28poc	Dioxins Mec Weight Jack Knife Rep 45	WTSP045	Dioxins Mec Weight Jack Knife Rep 45
264	lab28poc	Dioxins Mec Weight Jack Knife Rep 46	WTSP046	Dioxins Mec Weight Jack Knife Rep 46
265	lab28poc	Dioxins Mec Weight Jack Knife Rep 47	WTSP047	Dioxins Mec Weight Jack Knife Rep 47
266	lab28poc	Dioxins Mec Weight Jack Knife Rep 48	WTSP048	Dioxins Mec Weight Jack Knife Rep 48
267	lab28poc	Dioxins Mec Weight Jack Knife Rep 49	WTSP049	Dioxins Mec Weight Jack Knife Rep 49
268	lab28poc	Dioxins Mec Weight Jack Knife Rep 50	WTSP050	Dioxins Mec Weight Jack Knife Rep 50
269	lab28poc	Dioxins Mec Weight Jack Knife Rep 51	WTSP051	Dioxins Mec Weight Jack Knife Rep 51
270	lab28poc	Dioxins Mec Weight Jack Knife Rep 52	WTSP052	Dioxins Mec Weight Jack Knife Rep 52
271	lab28poc	Dioxins Subsample 2 Year Mec Weight	WTSP02YR	Dioxins Subsample 2 Year Mec Weight
272	lab28poc	Dioxins Subsample 4 Year Mec Weight	WTSP04YR	Dioxins Subsample 4 Year Mec Weight
273	lab21	Disinfectant or degreasing cleaners	VTQ200C	Disinfectant or degreasing cleaners
274	lab21	Drycleaning fluid or spot remover	VTQ200K	Drycleaning fluid or spot remover
275	lab20	Dust sample status	DCDSTAT	Dust sample status
276	phpypa	Enterodiol	URXETD	Enterodiol (ng/mL)
277	phpypa	Enterolactone	URXETL	Enterolactone (ng/mL)
278	lab25	Eosinophils number	LBDEONO	Eosinophils number
279	lab25	Eosinophils percent	LBXEOPCT	Eosinophils percent (%)
280	phpypa	Equol	URXEQU	Equol (ng/mL)

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

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

Item #	File name	Component	Variable ID	Label
419	lab20	Lead dust window sill comment code	LBDDWSLC	Lead dust window sill comment code
420	lab06	Lead, Blood	LBDBPBSI	Lead (umol/L)
421	lab06	Lead, Blood	LBXBPB	Lead (ug/dL)
422	lab06hm	Lead, urine	URXUPB	Lead, urine (ng/mL)
423	lab18	Luteinizing hormone	LBDLHSI	Luteinizing hormone (IU/L)
424	lab18	Luteinizing hormone	LBXLH	Luteinizing hormone (mIU/mL)
425	lab25	Lymphocyte number	LBDLYMNO	Lymphocyte number
426	lab25	Lymphocyte percent	LBXYLPCT	Lymphocyte percent (%)
427	lab21	m,p-Xylene (ug/cubic meter)	LBXZXY	m,p-Xylene (ug/cubic meter)
428	lab21	m,p-Xylene comment	LBDZYXLC	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	LBXSOSI	Osmolality (mOsm/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	LBDPDEL	p,p'-DDE comment code
480	lab28poc	p,p'-DDT	LBXPDT	p,p'-DDT (ng/g)
481	lab28poc	p,p'-DDT comment code	LBDPDTLC	p,p'-DDT comment code
482	lab21	Paint thinner, brush cleaner, stripper	VTQ200I	Paint thinner, brush cleaner, stripper
483	lab21	Paints	VTQ200A	Paints
484	lab26pp	Paranitrophenol	URXPAR	Paranitrophenol (ug/L)
485	lab26pp	Paranitrophenol comment code	URDPARLC	Paranitrophenol comment code
486	lab28poc	PCB101	LBX101	PCB101 (ng/g)
487	lab28poc	PCB101 comment code	LBD101LC	PCB101 comment code
488	lab28poc	PCB101 Lipid Adj	LBX101LA	PCB101 Lipid Adj (ng/g)
489	lab28poc	PCB105	LBX105	PCB105 (ng/g)
490	lab28poc	PCB105 comment code	LBD105LC	PCB105 comment code
491	lab28poc	PCB105 Lipid Adj	LBX105LA	PCB105 Lipid Adj (ng/g)
492	lab28poc	PCB118	LBX118	PCB118 (ng/g)
493	lab28poc	PCB118 comment code	LBD118LC	PCB118 comment code
494	lab28poc	PCB118 Lipid Adj	LBX118LA	PCB118 Lipid Adj (ng/g)
495	lab28poc	PCB128	LBX128	PCB128 (ng/g)
496	lab28poc	PCB128 comment code	LBD128LC	PCB128 comment code
497	lab28poc	PCB128 Lipid Adj	LBX128LA	PCB128 Lipid Adj (ng/g)
498	lab28poc	PCB138	LBX138	PCB138 (ng/g)
499	lab28poc	PCB138 comment code	LBD138LC	PCB138 comment code
500	lab28poc	PCB138 Lipid Adj	LBX138LA	PCB138 Lipid Adj (ng/g)
501	lab28poc	PCB146	LBX146	PCB146 (ng/g)
502	lab28poc	PCB146 comment code	LBD146LC	PCB146 comment code
503	lab28poc	PCB146 Lipid Adj	LBX146LA	PCB146 Lipid Adj (ng/g)
504	lab28poc	PCB153	LBX153	PCB153 (ng/g)
505	lab28poc	PCB153 comment code	LBD153LC	PCB153 comment code
506	lab28poc	PCB153 Lipid Adj	LBX153LA	PCB153 Lipid Adj (ng/g)
507	lab28poc	PCB156	LBX156	PCB156 (ng/g)
508	lab28poc	PCB156 comment code	LBD156LC	PCB156 comment code
509	lab28poc	PCB156 Lipid Adj	LBX156LA	PCB156 Lipid Adj (ng/g)
510	lab28poc	PCB157	LBX157	PCB157 (ng/g)

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

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	WTSP01	PPesticides Mec Weight Jack Knife Rep 01
618	lab26pp	PPesticides Mec Weight Jack Knife Rep 02	WTSP02	PPesticides Mec Weight Jack Knife Rep 02
619	lab26pp	PPesticides Mec Weight Jack Knife Rep 03	WTSP03	PPesticides Mec Weight Jack Knife Rep 03
620	lab26pp	PPesticides Mec Weight Jack Knife Rep 04	WTSP04	PPesticides Mec Weight Jack Knife Rep 04
621	lab26pp	PPesticides Mec Weight Jack Knife Rep 05	WTSP05	PPesticides Mec Weight Jack Knife Rep 05
622	lab26pp	PPesticides Mec Weight Jack Knife Rep 06	WTSP06	PPesticides Mec Weight Jack Knife Rep 06
623	lab26pp	PPesticides Mec Weight Jack Knife Rep 07	WTSP07	PPesticides Mec Weight Jack Knife Rep 07
624	lab26pp	PPesticides Mec Weight Jack Knife Rep 08	WTSP08	PPesticides Mec Weight Jack Knife Rep 08
625	lab26pp	PPesticides Mec Weight Jack Knife Rep 09	WTSP09	PPesticides Mec Weight Jack Knife Rep 09
626	lab26pp	PPesticides Mec Weight Jack Knife Rep 10	WTSP10	PPesticides Mec Weight Jack Knife Rep 10
627	lab26pp	PPesticides Mec Weight Jack Knife Rep 11	WTSP11	PPesticides Mec Weight Jack Knife Rep 11
628	lab26pp	PPesticides Mec Weight Jack Knife Rep 12	WTSP12	PPesticides Mec Weight Jack Knife Rep 12
629	lab26pp	PPesticides Mec Weight Jack Knife Rep 13	WTSP13	PPesticides Mec Weight Jack Knife Rep 13
630	lab26pp	PPesticides Mec Weight Jack Knife Rep 14	WTSP14	PPesticides Mec Weight Jack Knife Rep 14
631	lab26pp	PPesticides Mec Weight Jack Knife Rep 15	WTSP15	PPesticides Mec Weight Jack Knife Rep 15
632	lab26pp	PPesticides Mec Weight Jack Knife Rep 16	WTSP16	PPesticides Mec Weight Jack Knife Rep 16
633	lab26pp	PPesticides Mec Weight Jack Knife Rep 17	WTSP17	PPesticides Mec Weight Jack Knife Rep 17
634	lab26pp	PPesticides Mec Weight Jack Knife Rep 18	WTSP18	PPesticides Mec Weight Jack Knife Rep 18
635	lab26pp	PPesticides Mec Weight Jack Knife Rep 19	WTSP19	PPesticides Mec Weight Jack Knife Rep 19
636	lab26pp	PPesticides Mec Weight Jack Knife Rep 20	WTSP20	PPesticides Mec Weight Jack Knife Rep 20
637	lab26pp	PPesticides Mec Weight Jack Knife Rep 21	WTSP21	PPesticides Mec Weight Jack Knife Rep 21
638	lab26pp	PPesticides Mec Weight Jack Knife Rep 22	WTSP22	PPesticides Mec Weight Jack Knife Rep 22
639	lab26pp	PPesticides Mec Weight Jack Knife Rep 23	WTSP23	PPesticides Mec Weight Jack Knife Rep 23
640	lab26pp	PPesticides Mec Weight Jack Knife Rep 24	WTSP24	PPesticides Mec Weight Jack Knife Rep 24
641	lab26pp	PPesticides Mec Weight Jack Knife Rep 25	WTSP25	PPesticides Mec Weight Jack Knife Rep 25
642	lab26pp	PPesticides Mec Weight Jack Knife Rep 26	WTSP26	PPesticides Mec Weight Jack Knife Rep 26
643	lab26pp	PPesticides Mec Weight Jack Knife Rep 27	WTSP27	PPesticides Mec Weight Jack Knife Rep 27
644	lab26pp	PPesticides Mec Weight Jack Knife Rep 28	WTSP28	PPesticides Mec Weight Jack Knife Rep 28
645	lab26pp	PPesticides Mec Weight Jack Knife Rep 29	WTSP29	PPesticides Mec Weight Jack Knife Rep 29
646	lab26pp	PPesticides Mec Weight Jack Knife Rep 30	WTSP30	PPesticides Mec Weight Jack Knife Rep 30
647	lab26pp	PPesticides Mec Weight Jack Knife Rep 31	WTSP31	PPesticides Mec Weight Jack Knife Rep 31
648	lab26pp	PPesticides Mec Weight Jack Knife Rep 32	WTSP32	PPesticides Mec Weight Jack Knife Rep 32

Item #	File name	Component	Variable ID	Label
649	lab26pp	PPesticides Mec Weight Jack Knife Rep 33	WTSP33	PPesticides Mec Weight Jack Knife Rep 33
650	lab26pp	PPesticides Mec Weight Jack Knife Rep 34	WTSP34	PPesticides Mec Weight Jack Knife Rep 34
651	lab26pp	PPesticides Mec Weight Jack Knife Rep 35	WTSP35	PPesticides Mec Weight Jack Knife Rep 35
652	lab26pp	PPesticides Mec Weight Jack Knife Rep 36	WTSP36	PPesticides Mec Weight Jack Knife Rep 36
653	lab26pp	PPesticides Mec Weight Jack Knife Rep 37	WTSP37	PPesticides Mec Weight Jack Knife Rep 37
654	lab26pp	PPesticides Mec Weight Jack Knife Rep 38	WTSP38	PPesticides Mec Weight Jack Knife Rep 38
655	lab26pp	PPesticides Mec Weight Jack Knife Rep 39	WTSP39	PPesticides Mec Weight Jack Knife Rep 39
656	lab26pp	PPesticides Mec Weight Jack Knife Rep 40	WTSP40	PPesticides Mec Weight Jack Knife Rep 40
657	lab26pp	PPesticides Mec Weight Jack Knife Rep 41	WTSP41	PPesticides Mec Weight Jack Knife Rep 41
658	lab26pp	PPesticides Mec Weight Jack Knife Rep 42	WTSP42	PPesticides Mec Weight Jack Knife Rep 42
659	lab26pp	PPesticides Mec Weight Jack Knife Rep 43	WTSP43	PPesticides Mec Weight Jack Knife Rep 43
660	lab26pp	PPesticides Mec Weight Jack Knife Rep 44	WTSP44	PPesticides Mec Weight Jack Knife Rep 44
661	lab26pp	PPesticides Mec Weight Jack Knife Rep 45	WTSP45	PPesticides Mec Weight Jack Knife Rep 45
662	lab26pp	PPesticides Mec Weight Jack Knife Rep 46	WTSP46	PPesticides Mec Weight Jack Knife Rep 46
663	lab26pp	PPesticides Mec Weight Jack Knife Rep 47	WTSP47	PPesticides Mec Weight Jack Knife Rep 47
664	lab26pp	PPesticides Mec Weight Jack Knife Rep 48	WTSP48	PPesticides Mec Weight Jack Knife Rep 48
665	lab26pp	PPesticides Mec Weight Jack Knife Rep 49	WTSP49	PPesticides Mec Weight Jack Knife Rep 49
666	lab26pp	PPesticides Mec Weight Jack Knife Rep 50	WTSP50	PPesticides Mec Weight Jack Knife Rep 50
667	lab26pp	PPesticides Mec Weight Jack Knife Rep 51	WTSP51	PPesticides Mec Weight Jack Knife Rep 51
668	lab26pp	PPesticides Mec Weight Jack Knife Rep 52	WTSP52	PPesticides Mec Weight Jack Knife Rep 52
669	lab26pp	PPesticides Subsample 2 Year Mec Weight	WTSP2YR	PPesticides Subsample 2 Year Mec Weight
670	lab26pp	PPesticides Subsample 4 Year Mec Weight	WTSP4YR	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	LBDELSI	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	LBZTELCL	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	Component	Variable ID	Label
741	lab21	Toluene comment	LBDZTOLC	Toluene comment
742	lab18	Total Calcium	LBDSCASI	Calcium, total (mmol/L)
743	lab18	Total Calcium	LBXSCA	Calcium, total (mg/dL)
744	lab13	Total cholesterol	LBDTCSI	Total cholesterol (mmol/L)
745	lab13	Total cholesterol	LBXTC	Total cholesterol (mg/dL)
746	lab18	Total Cholesterol	LBDSCHSI	Cholesterol, total (mmol/L)
747	lab18	Total Cholesterol	LBXSCH	Cholesterol, total (mg/dL)
748	ph	Total length of 'food fast,' hours	PHAFSTHR	Total length of "food fast," hours
749	ph	Total length of 'food fast,' minutes	PHAFSTMN	Total length of "food fast," minutes
750	lab17	Toxoplasma	LBXTO1	Toxoplasma (IgG)
751	lab17	Toxoplasma	LBXTO2	Toxoplasma (IgM)
752	lab17	Toxoplasma (Avidity IgG) interpretation	LBXTO5IN	Toxoplasma (Avidity IgG) interpretation
753	lab17	Toxoplasma (Avidity) IgG	LBXTO5	Toxoplasma (Avidity) IgG
754	lab17	Toxoplasma (Dye)	LBXTO3	Toxoplasma (Dye)
755	lab17	Toxoplasma Agglutin interpretation	LBXTO4IN	Toxoplasma Agglutin interpretation
756	lab17	Toxoplasma Differential Agglutination	LBXTO4	Toxoplasma Differential Agglutination
757	lab26pp	trans dichlorovnl-dimeth carboacid code	URDTCCLC	trans dichlorovnl-dimeth carboacid code
758	lab26pp	trans dichlorovnl-dimeth carboacid(ug/L)	URXTCC	trans dichlorovnl-dimeth carboacid(ug/L)
759	lab28poc	trans-Nonachlor	LBXTNA	trans-Nonachlor (ng/g)
760	lab28poc	trans-Nonachlor comment code	LBDTNALC	trans-Nonachlor comment code
761	lab28poc	Trans-nonachlor Lipid Adj	LBXTNALA	Trans-nonachlor Lipid Adj (ng/g)
762	lab06	Transferrin saturation	LBXPCT	Transferrin saturation (%)
763	lab21	Trichloroethene (ug/cubic meter)	LBXZTI	Trichloroethene (ug/cubic meter)
764	lab21	Trichloroethene comment	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, urine	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 comment 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, serum	LBDB12SI	Vitamin B12, serum (pmol/L)
777	lab06	Vitamin B12, serum	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 duration-hours	LBAVOCSD	VOC badge sample duration-hours
781	lab04	VOC subsample 2 yr MEC Weight	WTSVOC2Y	VOC subsample 2 yr MEC Weight
782	lab21	VOC subsample 2 yr MEC Weight	WTSVOC2Y	VOC subsample 2 yr MEC Weight
783	lab04	VOC subsample 4 yr MEC Weight	WTSVOC4Y	VOC subsample 4 yr MEC Weight
784	lab04	Water Bromodichloromethane (ng/ml)	LBXWBM	Water Bromodichloromethane (ng/ml)
785	lab04	Water Bromodichloromethane 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.)