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Date: August 10, 2000
Refer to: ER2000-0399

Mr. John Kieling
NMED-HWB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: SUBMITTAL OF RESPONSE TO REQUEST FOR SUPPLEMENTAL INFORMATION (RSI) FOR MATERIAL DISPOSAL AREA (MDA)-P POTENTIAL RELEASE SITE (PRS) 16-018 [PHASE II] SAMPLING AND ANALYSIS PLAN (SAP) AND THE VOLUNTARY CORRECTIVE ACTION (VCA) PLAN FOR PRS 16-016(c)-99

Dear Mr. Kieling:

Enclosed are three copies of the Los Alamos National Laboratory Environmental Restoration Project's Response to your RSI on the VCM Report for MDA-P (PRS 16-018) [Phase II] SAP and the VCA Plan for PRS 16-016(c)-99. The New Mexico Environment Department's RSI addresses three documents associated with the Technical (TA)-16 Burn Ground: the SAP for MDA-P, the VCA Plan for PRS 16-016(c)-99, and the Closure Plan for the TA-16-387 Flash Pad. Specific comments on the Closure Plan have already been submitted to your office on April 3, 2000 (E/ER:00-074).

If you have any questions, please call Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

Julie A. Canepa

Julie A. Canepa, Program Manager
Los Alamos National Laboratory
Environmental Restoration

Sincerely,

Gene Turner

FOR Theodore J. Taylor, Program Manager
Department of Energy
Los Alamos Area Office

LANL HSWA 3/10/2/10

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TC

JC/TT/NR/ev

Enclosure: Response to RSI

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Response to
Request for Supplemental Information (RSI) for MDA P (PRS 16-018) [Phase II] SAP, VCA Plan for PRS 16-016(c)-99, and TA-16-387 Closure Plan
Los Alamos National Laboratory NM08900101515
HRMB-LANL-99-001

INTRODUCTION

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim. The comments are divided into general and specific categories as presented in the letter. Los Alamos National Laboratory's (LANL's) responses follow each NMED comment. This document responds to comments on the MDA P Sampling and Analysis Plan and the VCA Plan for PRS 16-016(c)-99. Responses to comments on the TA-16-387 Closure Plan were submitted separately.

GENERAL COMMENTS

NMED Comment

1. *A "protocol for determining how additional suites will be identified based on the Phase I waste characterization data" as described in Section 2.2.3.2, Waste Characterization, was not included in the report. Therefore, a complete evaluation of the report could not be made. LANL should submit a protocol for determining when the analytes are included in Phase 2 sampling suites. LANL should also present available Phase I data (as well as the general location of associated data) HRMB will evaluate the Phase I sampling data before determining the final Phase II confirmatory sampling suite.*

LANL Response

1. As stated in the sampling and analysis plan, metals, high explosives (HE), and semivolatile organic compounds (SVOCs) will be sampled for during the Phase II sampling. Therefore, they are not screened; however, these compounds are presented in Table 1 and Table 2 of this RSI response. They are also highlighted to indicate that they are to be included in the Phase II confirmation sampling suite.

   Figure 1 of this response shows how the data for organic compounds and radionuclides were reviewed to determine which additional analytical suites to add to the Phase II sampling. These data are the results of analyzing soil samples taken from soil piles, following the excavation of the soil from MDA P, the spreading of the soil for debris removal, and the re-piling of soil. Due to this process, the soil piles are expected to be well mixed and representative. The soil in the piles was taken from one or more of the grid cells shown on Revised Figure 2.1 (attached to this response).

   <u>Organic Compound Protocol</u>

   First, the data were reviewed to determine which compounds were detected. These compounds are shown in Table 1 of this RSI response. The detected organic compounds were then screened against 0.3 of their ecological screening levels (ESLs) (LANL 1998, 85891.1) and 0.1 of the U.S. Environmental Protection Agency, Region 6, Human Health Medium-Specific Screening Levels (MSSLs), Industrial Scenario with dermal exposure (US EPA 1999, 64804.1). The value of 0.3 of the ESL was used, on the advice of project risk assessors, as a conservative screen for compounds important to ecological receptors where there may be multiple compounds present. The value of 0.1 of the MSSL was used for conservative screening purposes only, to identify areas where additional

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sampling will be done for Phase II. Those compounds that had detections greater than 0.3 of the ESL or 0.1 of the MSSL, including HE and SVOCs, are shaded in Table 1.

The PCBs (Aroclor-1242, Aroclor-1248, Aroclor-1254, and Aroclor-1260); the pesticides Aldrin, gamma-BHC, heptachlor epoxide, 4',4'-DDE, 4',4'-DDT, and Dieldrin; and the volatile organic compounds (VOCs) tetrachloroethane (1,1,2,2-), trichloropropane(1,2,3-) and trichloroethane (1,1,2-) were detected in some waste soil samples at concentrations exceeding 0.3 of the ESL or 0.1 of the MSSL.

The samples containing the compounds at concentrations exceeding 0.3 of the ESL or 0.1 of the MSSL are also shaded in Table 2. The grid cell that the soil was taken from is shown in the Location ID column in Table 2. Grid cells are shown on Revised Figure 2.1.

To be conservative, any grid cell from which a sample with a detection of PCBs, pesticides, or VOCs exceeding 0.3 of the ESL or 0.1 of the MSSL was collected, will be analyzed for those compounds during the Phase II sampling. Grid locations are shown on Revised Figure 2.1.

Radionuclide Protocol

For the radionuclides, the data were first reviewed to determine which compounds were detected. The detected radionuclides were then screened against 0.1 of the industrial preliminary remediation goal (PRG), as calculated using the RESRAD computer program (Yu 1993, 58695). The radionuclides cobalt-60, europium-152, and uranium-235 were detected, by gamma spectroscopy, at activities greater than 0.1 of the PRG. Cobalt-60 was detected in 1 of 200 samples, and europium-152 was detected in 3 of 200 samples, at activities greater than the minimum detectable activity (MDA) for their respective samples. The LANL radiochemists think these detections are outliers and do not represent the presence of these radionuclides. These radionuclides are shaded in Table 3. The full set of radionuclide detections is presented in Table 4. The samples with detections greater than 0.1 of the PRG are shaded in this table. The grid cell that the soil was taken from is shown in a column within Table 4. Grid cells are shown on Revised Figure 2.1.

NMED Comment

2. *"Spatially averaged contaminant concentrations" are not considered valid to support human health or ecological risk assessments. LANL should insert language within the document that reflects the discussion in Section 6.1.1.2 of the approved Closure Plan, i.e., maximum constituent concentrations.*

LANL Response

2. Contaminant concentrations within exposure units will not be spatially averaged. LANL's ER Project will use the maximum constituent concentrations for screening and/or assessment activities unless enough data were collected to establish and use the 95th percentile upper confidence limit (95% UCLs). The latter should be the case for data collected during Phase II sampling activities.

NMED Comment

3. *All changes, modifications, or clarifications need to be specified in each of the three documents.*

LANL Response

3. This response to the RSI will serve as an addendum to each of the two remaining documents. The document that responds to the 387 Burn Pad Closure Plan has been submitted separately in March 2000. Revised documents will not be prepared.

SPECIFIC COMMENTS

NMED Comment

1. *§1.1, paragraph 2, Page 4, Objectives and Scope,*
   The geographic boundary between Cañon de Valle and the MDA-P investigation is the toe of the slope, a boundary that is consistent with the geomorphic survey taken for the TA-16-260 Outfall...

   There is no problem assigning the toe of slope as the northern boundary of the site. However, there should be a discussion in the report on which LANL group will be responsible for investigation the soils, sediments, and surface waters downstream of the site.

   HRMB recommends that the MDA-P team work closely with the Canyons Focus Area and 260 Outfall Corrective Measures Study (CMS) teams to insure that none of the downstream areas are inadvertently missed.

LANL Response

1. The MDA P team will work closely with the Canyons Focus Area and the 260 outfall's corrective measures study (CMS) team to ensure a smooth handoff of follow-on activities in Cañon de Valle. Responsibilities for the follow-on activities will be detailed in the closure report.

NMED Comment

2. *§1.1, paragraph 2, Page 4, Objectives and Scope,*
   There is no outfall at MDA-P.

   In Section 2.1.1, paragraph 5, page 10 is the following statement: "Drawing ENG-C 23442 indicates that an outfall is associated with the overflow lines from the tank. [for PRS 16-006(e)]."

   HRMB recommends that the existence of the outfall be clarified and its location indicated on Figure 1.2.

LANL Response

2. There was an outfall from PRS 16-006(e) (a septic tank associated with the former control building) at MDA P. This area will be excavated during the MDA P project. This outfall has been added to Revised Figure 2.1, which is attached to this RSI response.

NMED Comment

3. *§1.1, paragraph 1, Page 6, Objectives and Scope,*
   With the possible exception of uranium, no radionuclides are suspected to have been associated with historical activities within the MDA-P cluster.

The following statement from the MDA-P Team Meeting Minutes of 29 April 1998 indicates that both depleted uranium and thorium are suspected to have been present in the landfill debris: "Bob [Elliott] did relay that he personally remembered monitoring debris with residual levels of depleted uranium during this time period [the 50's, 60's, and 70's]. He went on to express that Thorium (oxides/solids) might also be expected within the landfill."

HRMB recommends that both depleted uranium and thorium be included as principal contaminants identified in Section 2.2.2.1.

LANL Response

3. The uranium found during the excavation was in the form of discrete pieces. Based on the results of the waste pile characterization for radionuclides, presented in Table 3 and Table 4 of this RSI response, it appears that uranium-238 is present at concentrations slightly greater than the background value in soil but not above 0.1 of the PRG. Uranium-235 was detected at an activity exceeding 0.1 of the PRG in 1 of 303 samples. Therefore, uranium-238 has not been added to the analyte list for the Phase II sampling. Uranium-235 will be analyzed for in all grid cells from which the composit sample was composed (cells 624, 625, 626, 660, 661, 662, and 663). LANL is not proposing to add thorium to the analyte suite for Phase II sampling because LANL expects it to have been used in the same manner as uranium and so be present as discrete pieces. No pieces of thorium were found during the cleanup.

NMED Comment

4. *§1.4, paragraph 32, Page 8, Data Quality Objectives; §3.1, paragraphs 1-5, Page 27, and §3.1, Table 3-1, Page 28.*

   Contaminant concentrations were to be compared to EPA Region 9 PRGs as the basis for determining whether residual concentrations were acceptable.

   It is not clear if the document is referring to EPA Region 9 or Region 6. Also, some of the tabulated PRG values are not consistent with the most current PRG tables.

   The 1999 Region 6 Human Health Medium-Specific Screening Levels (MSSLs) or the 1999 Region 6 PRGs are the appropriate screening levels to be applied to the SAP and the other two documents.

LANL Response

4. LANL will use the U.S. Environmental Protection Agency, Region 6, Human Health Medium-Specific Screening Levels (MSSLs) (US EPA 1999, 64804.1).

NMED Comment

5. *§2.1.1, paragraph 1, Page 10, Site Description,*
   The depth of the waste pile is approximately 12 to 14 feet.

   During the November 4, 1999 ER Monthly Meeting Mr. Ken Bostick stated that the depth of the landfill debris [in the western lobe] was 20 to 30 feet.

   HRMB recommends that the text be revised accordingly.

LANL Response

5. As stated by Mr. Bostick, excavation has now shown that the debris in the west lobe is 20 to 30 ft thick; however, it should be noted that this is not a true thickness of the waste pile because it is actually a mantle laying on the hillslope.

NMED Comment

6. *§2.1.2, paragraph 1, Page 11, Operational History,*
   The pile was removed by the 1970's.

   In order to assess how much of the barium nitrate pile may have migrated off site, HRMB recommends LANL provide documentation or an estimate of the volume of the pile prior to its removal.

LANL Response

6. After reviewing the available documentation, LANL has determined that an accurate estimate of the amount of barium that may have migrated from the pile could not be made. The area that formerly contained the pile has been excavated, and the slope north of the pile has been excavated. In addition, these areas were analyzed for barium during Phase I of the project. Therefore, the extent of the remaining barium is well constrained. Barium will also be analyzed for during the Phase II sampling.

NMED Comment

7. *§2.1.3, paragraph 3, Page 11, Waste Characteristics,*
   According to site personnel, no depleted uranium was known to have been placed in MDA-P.

   See Specific Comment No. 3 above. While the statement may be technically correct, depleted uranium is a suspected radionuclide.

   HRMB recommends that LANL clarify the text accordingly.

LANL Response

7. This RSI response will serve as an addendum to the sampling and analysis plan. Revised documents will not be prepared.

NMED Comment

8. *§2.2.2.1, paragraph 3, Page 13, Nature and Extent of Contamination,*
   The fill from TA-51 was taken from an area categorized as "clean."

   HRMB recommends LANL document and clarify the meaning of "clean" fill.

LANL Response

8. The "clean" fill discussed in the referenced section was obtained from Technical Area 51 (TA-51) and was used to build roads and pads to support closure activities at MDA P. The fill material (mostly sand and gravel) was originally obtained from a commercial vendor and used in a subsidence experiment at TA-51. No chemicals or other tracers were added to the material during the experiment. After completion of the experiment, the material was stockpiled at TA-51 until it was used to build roads and pads at MDA P.

NMED Comment

9. *§2.2.2.1, paragraph 3, Page 13, Large-Scale Lateral Extent,*
In the area of the decontamination pad, barium was elevated in tuff below contaminated surface fill, indicating that infiltration of barium from fill into tuff may have occurred.

   §2.2.2.2, paragraph 2, Page 16, Chemical Fate,
Because large pieces of barium nitrate have been discovered within MDA-P, it is possible that migration of soluble barium from MDA-P may also be of concern.

   § Attachment 1, paragraph 2, Page 1–17, 1988 McLin data,
This report states that "at least some of the barium has been mobilized by infiltrating precipitation, and has penetrated to a depth of approximately 19 feet, or at least six feet below the landfill bottom."

   § Attachment 1, paragraph 3, Page 1–17, 1988 McLin data,
The four lysimeters located within MDA-P produced minimal amounts of water during routine sampling over a nine month period.

   HRMB is concerned that the extent of barium in the tuff below the landfill has not been adequately characterized. The presence of at least some water in the subsurface indicates there might be a driving force for the transport of barium and other contaminants. LANL should provide more data on the vertical extent of the barium, how much barium will remain at depth after excavation, and contingency plans for dealing with the barium remaining at depth.

LANL Response

9. Mr. McLin (1988, 11718.1) used the Extraction Proceedure (EP) Test Method on cuttings from drilling. In these tests, barium was detected at a concentration of 229.3 mg/L at a depth of 16 ft below ground surface (bgs); at a concentration of 23.4 mg/L at 17 ft bgs; at a concentration of 20.7 mg/L at 18 ft bgs; and at a concentration of 14.8 mg/L at a depth of 19 ft bgs; all from boring B-4. These data were used to suppport the statement that barium has migrated into the bedrock tuff.

   Mr. McLin (1988, 11718.1) interpreted the base of the waste pile to be at approximately 13 ft bgs. Based on the results of excavation, this interpretation is incorrect. Following excavation of the east lobe of the waste pile, the conceptual model for the waste pile has been revised. Excavation indicates that there is a layer of fill material tuff below the waste, but above the bedrock tuff.

   In the area of the east lobe of the waste pile, a total of 19 ft of cover material, waste, and underlying fill were removed before "bedrock" tuff was encountered. Mr. McLin (1988, 11718.1) interpreted (from drill cuttings) the tuff fill material below the waste pile to be bedrock. This may have been due to the fact that the tuff fill material contained some large boulders and that only cuttings were available.

Therefore, the contact between undisturbed bedrock tuff and fill material was not actually reached by boring B-4.

In summary, the cover material, waste, and fill material above bedrock tuff have been removed by excavation. Phase II sampling of the bedrock tuff will determine whether barium is present in the bedrock tuff.

The results from the Phase II sampling will be used in the risk assessment portion of the Closure Performance Standard evaluation, as described in Section 6.1.1.2 of the Closure Plan, to determine what future steps must be taken.

NMED Comment

10. *§2.2.2.1, paragraph 4, Page 14, Nature and Extent of Contamination within MDA-P PRS Cluster, The presence of elevated chromium in the tuff samples, when chromium was not observed above background in soil samples, is unexpected and anomalous relative to observations in the baseline samples.*

    Chromium should be added to the list of COPCs and to Table 2-6 on page 25.

LANL Response

10. Neither of the two soil samples collected at PRS 16-006(e) contained chromium at a concentration exceeding the soil background value of 19.3 mg/kg (Table 1.3-1 and 1.3-2 in Attachment 1 of the SAP). The reported values were 6.7 and 10.7 mg/kg, respectively. One of two tuff samples collected at PRS 16-006(e) contained chromium at a concentration of 10.7, exceeding the tuff background value of 7.14 mg/kg. The other sample contained chromium at a concentration of 7.1 mg/kg. However, chromium results will be obtained as part of the metals suite already included for Phase II.

NMED Comment

11. *§2.2.2.2, paragraph 2, Page 17, Chemical Transport, Investigation of the MDA-P for guiding Phase I activities has shown that a pre-existing drainage channel exists beneath MDA-P.*

    Because it may represent a preferred pathway for contaminants, HRMB requests additional data on the location and depth of the drainage channel. The location of the channel should be indicated on one of the figures, such as Figure 2.1.

LANL Response

11. The presence of the preexisting channel was postulated based on some trenching done prior to the excavation of MDA P. Following the complete excavation of the west lobe of MDA P to bedrock tuff, the interpretation of the earlier trenching has been revised. The shape of the existing bedrock tuff exposed by excavation does not show a preexisting channel beneath MDA P. Therefore, it will not be added to the map.

NMED Comment

12. §2.2.3.2, Figure 2.1, Page 23, Media Characterization

As presented, the figure is not clear. HRMB suggests using a larger scale or multiple figures to clearly show all of the proposed sampling locations.

LANL Response

12. A Revised Figure 2.1, presented as a plate, has been prepared and is included with this RSI response. The figure includes the numbered cells. In addition, the cells to be sampled are highlighted in Table 2 and Table 4 of this RSI response.

NMED Comment

13. §2.2.3.2, paragraph 3, Page 25, Media Characterization,
After Phase II confirmatory sampling has been completed, four boreholes will be drilled in Cañon de Valle between MDA-P and the watercourse to a depth of 20 feet, as described in approved Closure Plan for MDA-P.

Locations of the proposed boreholes should be indicated on Figure 2.1. As stated on page 4-6 of the approved Closure Plan, HRMB has not agreed on the number of boreholes needed.

LANL Response

13. During the final Phase I sampling, which will include samples taken 6 in. into tuff in some of the sample locations, LANL will meet with NMED to determine the number and location of borings. Page 4-6 of the Closure Plan refers to borings drilled "10 feet beyond the vertical extent of contamination," presumably into the bedrock tuff beneath the waste pile. However, the response to specific comment 3 on the notice of deficiency (NOD) (LANL 1996, 54452.3) discusses both borings into tuff and proposes that four borings be drilled "in the canyon between the landfill and the stream." Therefore, it is still unclear what type of borings are to be drilled.

Prior to Phase II, a meeting between NMED and LANL will be held to discuss the number, depth, and location of borings.

Specific Comment on the VCA Plan for 16-016(c)-99

NMED Comment

1. §6.0, paragraph 1, Page 3-7, Basis for Cleanup Levels,
The PRGs proposed for PRS 16-016(c) are the same as those proposed in this Phase II SAP for MDA-P.

Cleanup levels, whether PRGs or MSSLs, must be consistent between the documents.

LANL Response

1. LANL will use the Environmental Protection Agency (EPA) Region 6 Human Health Medium-Specific Screening Levels (MSSLs) (June 1999, 64804.1).

REFERENCES

Los Alamos National Laboratory (LANL), 1998. ECORISK Database. Los Alamos National Laboratory Records Processing Facility Package Number 186, April 2000, Los Alamos, New Mexico. **(LANL 1998, 85891.1)**

LANL, May 9, 1996, "Response to the Notice of Deficiency (NOD) for the Material Disposal Area (MDA) P Closure Plan," Los Alamos National Laboratory, Los Alamos, New Mexico **(LANL 1996, 54452.3)**

McLin, S., August 18, 1989. "Vadose Zone Monitoring Observations at the TA-16 Area P Landfill" Los Alamos National Laboratory Report, Los Alamos, New Mexico. **(McLin 1989, 11718.1)**

U.S. Environmental Protection Agency (US EPA), June 1999. EPA Region 6 Human Health Medium-Specific Screening Levels. U.S. Environmental Protection Agency, Region 6, Dallas, TX. **(US EPA 1999, 64804.1)**

Yu, Charlie, 1993. RESRAD (computer software program). Environmental Assessment Division, Argonne National Laboratory. Argonne, IL. **(Yu 1993, 58695)**

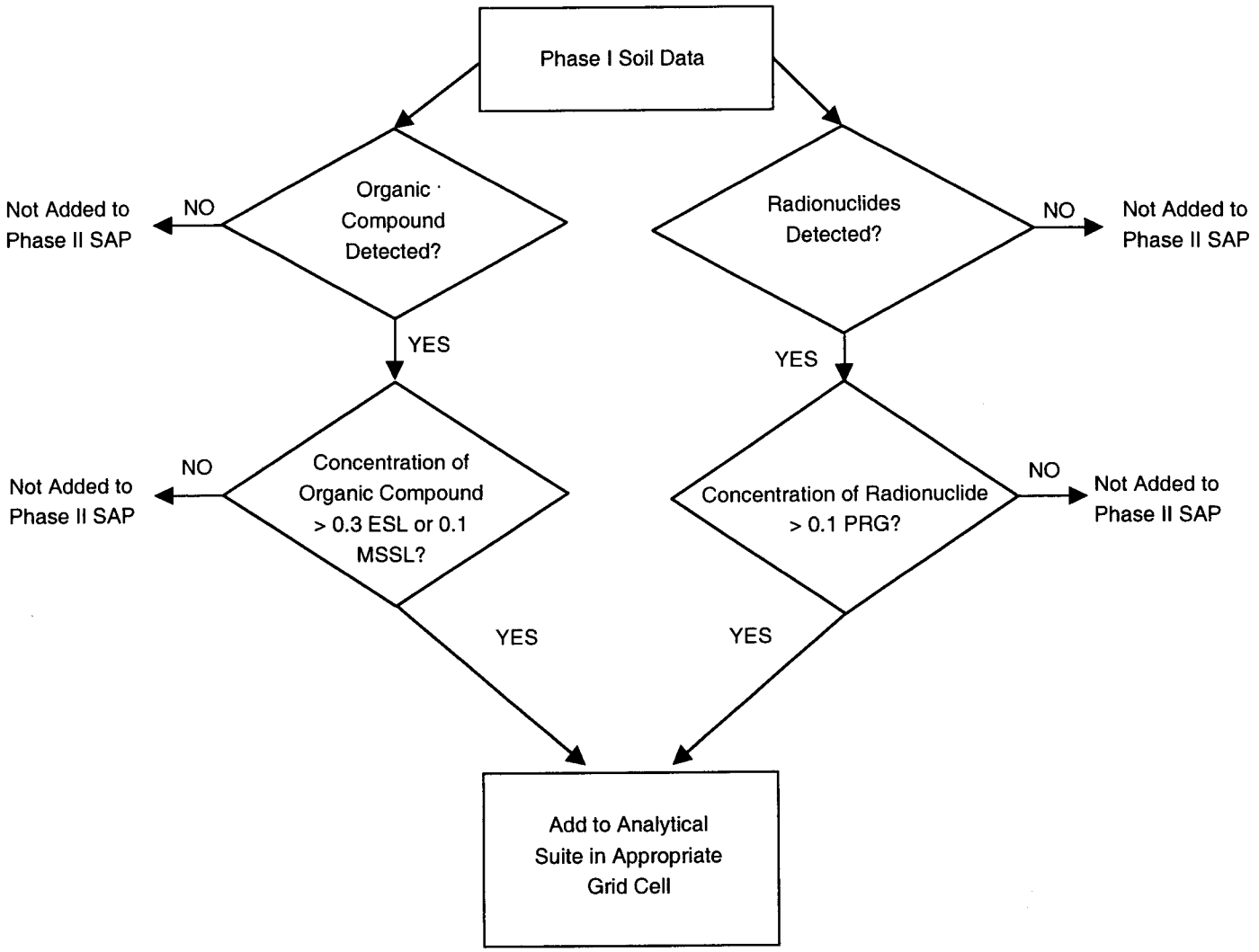

Figure 1. Flow chart for selecting analytes for Phase II sampling

Table 1

Frequency of Organic Detects at MDA P

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
Acenaphthene	198	5	0.026 to [19]	0/198	2000	0/198	0.75	5/198	0.02600	0.13180	0.36000
Acetone	206	29	[0.0023] to 0.12	0/206	580	0/206	0.54	29/206	0.00360	0.02408	0.12000
Aldrin	56	1	[0.0017 to 0.18]	1/56	0.01	NA	NA	1/56	0.03700	0.03700	0.03700
Amino-2,6-dinitrotoluene[4-]	84	16	0.22 to [120]	NA	NA	NA	NA	16/84	0.22000	0.88625	1.80000
Amino-4,6-dinitrotoluene[2-]	85	15	0.1 to [120]	NA	NA	0/85	1.83	15/85	0.10000	0.57060	1.20000
Amino-DNTs	91	38	0.33 to [50]	NA	NA	NA	NA	38/91	0.33000	1.11632	4.90000
Aniline	200	1	[0.36 to 38]	0/200	31	NA	NA	1/200	0.78000	0.78000	0.78000
Anthracene	180	14	0.02 to [19]	0/180	10000	0/180	66	14/180	0.02000	0.11600	0.38000
Aroclor-1242	54	17	[0.033] to 5.1	15/54	0.1	17/54	0.048	17/54	0.06700	1.21776	5.10000
Aroclor-1248	54	8	[0.033 to 1.9]	5/54	0.1	8/54	0.0009	8/54	0.06000	0.42200	1.70000
Aroclor-1254	54	21	0.018 to [1.9]	3/54	0.1	12/54	0.036	21/54	0.01800	0.10157	0.65000
Aroclor-1260	54	11	0.016 to [1.9]	6/54	0.1	11/54	0.015	11/54	0.01600	0.44973	1.20000
Benzene	174	2	0.003 to [0.007]	0/174	0.14	0/174	19.8	2/174	0.00300	0.00350	0.00400
Benzo(a)anthracene	195	13	0.02 to [19]	2/195	0.2	0/195	0.99	13/195	0.02000	0.12731	0.64000
Benzo(a)pyrene	196	13	0.028 to [19]	13/196	0.02	1/196	0.54	13/196	0.02800	0.12815	0.79000
Benzo(b)fluoranthene	196	14	0.026 to [19]	2/196	0.2	0/196	2.22	14/196	0.02600	0.10900	0.61000
Benzo(g,h,i)perylene	193	11	0.023 to [19]	NA	NA	0/193	3.6	11/193	0.02300	0.09900	0.57000
Benzo(k)fluoranthene	196	13	0.021 to [19]	0/196	2	0/196	3.9	13/196	0.02100	0.11762	0.68000
BHC[alpha-]	56	2	[0.0017 to 0.18]	0/56	0.048	NA	NA	2/56	0.00250	0.00250	0.00250
BHC[gamma-]	56	3	[0.0017 to 0.18]	0/56	0.23	3/56	0.0102	3/56	0.01800	0.02633	0.03800
Bis(2-chloroethyl)ether	200	1	[0.33 to 19]	1/200	0.049	NA	NA	1/200	0.39000	0.39000	0.39000
Bis(2-ethylhexyl)phthalate	162	118	0.04 to 53	8/162	12	113/162	0.072	118/162	0.04000	4.24192	53.00000
Bisphenol A	1	1	0.331 to 0.331	NA	NA	NA	NA	1/1	0.33100	0.33100	0.33100
Butanone[2-]	196	13	0.0017 to [0.028]	0/196	2600	0/196	285	13/196	0.00170	0.00306	0.00500
Chlordane (Technical Grade)	45	3	[0.0017] to 0.077	NA	NA	NA	NA	3/45	0.00450	0.02867	0.07700
Chlordane[alpha-]	56	4	[0.0017 to 0.18]	NA	NA	0/56	0.63	4/56	0.01300	0.04750	0.14000
Chlorobenzene	173	2	0.00044 to 0.186	0/173	18	0/173	7.2	2/173	0.00044	0.09322	0.18600
Chloroethane	192	6	0.005 to [0.014]	0/192	160	NA	NA	6/192	0.00500	0.00750	0.00890
Chloroform	173	1	[0.0002 to 0.007]	0/173	0.052	0/173	9.6	1/173	0.00400	0.00400	0.00400
Chloromethane	196	6	0.001 to [0.014]	0/196	0.26	NA	NA	6/196	0.00100	0.00450	0.01200
Chlorophenol[2-]	200	1	[0.33 to 19]	0/200	23	1/200	0.36	1/200	0.39000	0.39000	0.39000
Chrysene	191	16	0.021 to [19]	0/191	20	0/191	0.99	16/191	0.02100	0.14156	0.85000
DDE[4,4'-]	56	8	[0.00069 to 0.36]	0/56	1	8/56	0.00054	8/56	0.00088	0.00638	0.01800
DDT[4,4'-]	56	12	0.0017 to [0.36]	0/56	1	12/56	0.00084	12/56	0.00170	0.00681	0.01100
Dehydroabietic Acid	1	1	0.34 to 0.34	NA	NA	NA	NA	1/1	0.34000	0.34000	0.34000
Di-n-butylphthalate	167	48	0.021 to [19]	0/167	6200	44/167	0.039	48/167	0.02100	0.18106	1.10000

Table 1 (continued)

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
Di-n-octylphthalate	199	1	[0.33 to 19]	0/199	1200	0/199	48	1/199	0.39000	0.39000	0.39000
Dibenz(a,h)anthracene	200	4	0.02 to [19]	3/200	0.02	0/200	0.69	4/200	0.02000	0.03875	0.06600
Dibenzofuran	198	2	0.043 to [19]	0/198	210	0/198	18.3	2/198	0.04300	0.06550	0.08800
Dibromo-3-chloropropane[1,2-]	192	1	0.001 to [0.014]	0/192	0.12	NA	NA	1/192	0.00100	0.00100	0.00100
Dichlorobenzene[1,2-]	372	2	0.00024 to [19]	0/372	37	NA	NA	2/372	0.00024	0.19512	0.39000
Dichlorobenzene[1,3-]	373	2	[0.005 to 19]	0/373	14	NA	NA	2/373	0.21500	0.30250	0.39000
Dichlorobenzene[1,4-]	372	1	[0.005 to 19]	0/372	0.7	0/372	3.6	1/372	0.39000	0.39000	0.39000
Dichlorodifluoromethane	192	3	0.004 to [0.014]	0/192	31	NA	NA	3/192	0.00400	0.00467	0.00500
Dichloroethene[cis-1,2-]	172	9	0.00026 to [0.012]	0/172	15	NA	NA	9/172	0.00026	0.00069	0.00280
Dichloropropene[1,1-]	172	1	0.002 to [0.007]	NA	NA	NA	NA	1/172	0.00200	0.00200	0.00200
Dieldrin	56	1	[0.0033 to 0.36]	1/56	0.011	1/56	0.0123	1/56	0.01900	0.01900	0.01900
Dimethysulfoxide	1	1	2.67 to 2.67	NA	NA	NA	NA	1/1	2.67000	2.67000	2.67000
Dinitrotoluene[2,4-]	353	26	0.024 to [120]	0/353	120	9/353	0.36	26/353	0.02400	0.92900	5.40000
Endosulfan I	56	5	[0.0017 to 0.18]	NA	NA	NA	NA	5/56	0.00820	0.04408	0.11000
Endrin Aldehyde	56	1	[0.00033 to 0.36]	NA	NA	NA	NA	1/56	0.00390	0.00390	0.00390
Endrin Ketone	56	2	[0.0033 to 0.36]	NA	NA	NA	NA	2/56	0.03200	0.03200	0.03200
Ethanol[2-(2-butoxyethoxy)]	2	2	0.25 to 2.7	0/2	360	NA	NA	2/2	0.25000	1.47500	2.70000
Ethylbenzene	173	2	0.001 to [0.007]	0/173	23	NA	NA	2/173	0.00100	0.00100	0.00100
Fluoranthene	185	37	0.021 to [19]	0/185	2100	0/185	7.8	37/185	0.02100	0.13084	1.60000
Fluorene	198	4	0.021 to [19]	0/198	1500	0/198	8.7	4/198	0.02100	0.07450	0.16000
Heptachlor Epoxide	56	2	[0.0017 to 0.18]	2/56	0.019	NA	NA	2/56	0.02800	0.02800	0.02800
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	54	14	0.00003 to [0.00084]	NA	NA	NA	NA	14/54	0.00003	0.00014	0.00023
Heptachlorodibenzodioxins (Total)	54	16	[0.00003 to 0.00084]	NA	NA	NA	NA	16/54	0.00009	0.00029	0.00059
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	54	12	[0.00004 to 0.00073]	NA	NA	NA	NA	12/54	0.00005	0.00016	0.00032
Heptachlorodibenzofurans (Total)	54	12	[0.00004 to 0.00073]	NA	NA	NA	NA	12/54	0.00005	0.00019	0.00040
Heptadecane	2	2	0.241 to 0.307	NA	NA	NA	NA	2/2	0.24100	0.27400	0.30700
Hexachlorodibenzodioxins (Total)	54	6	[0.00004 to 0.00093]	NA	NA	NA	NA	6/54	0.00005	0.00024	0.00044
Hexachlorodibenzofuran[1,2,3,4,7,8-]	121	11	0.00001 to [0.00081]	NA	NA	NA	NA	11/121	0.00001	0.00008	0.00023
Hexachlorodibenzofuran[1,2,3,6,7,8-]	41	2	0.00001 to [0.00082]	NA	NA	NA	NA	2/41	0.00001	0.00001	0.00002
Hexachlorodibenzofurans (Total)	54	6	[0.00003 to 0.00077]	NA	NA	NA	NA	6/54	0.00006	0.00025	0.00054

Table 1 (continued)

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
Hexachloroethane	200	1	[0.33 to 19]	0/200	12	NA	NA	1/200	0.39000	0.39000	0.39000
Hexadecanoic Acid	8	8	0.2 to 30.6	NA	NA	NA	NA	8/8	0.20000	4.05888	30.60000
Hexamethylcyclotrisiloxane	1	1	0.0066 to 0.0066	NA	NA	NA	NA	1/1	0.00660	0.00660	0.00660
HMX	175	157	0.14 to 1000	0/175	3100	153/175	0.3	157/175	0.14000	66.81949	1000.00000
Indeno(1,2,3-cd)pyrene	197	8	0.027 to [19]	1/197	0.2	0/197	3.6	8/197	0.02700	0.10475	0.44000
Isobutane	7	7	0.0065 to 0.054	NA	NA	NA	NA	7/7	0.00650	0.04050	0.05400
Isopentane	7	7	0.0094 to 0.042	NA	NA	NA	NA	7/7	0.00940	0.02934	0.04200
Isopropyltoluene[4-]	172	1	[0.001 to 0.007]	NA	NA	NA	NA	1/172	0.00380	0.00380	0.00380
Longifolene[(+)-]	1	1	0.425 to 0.425	NA	NA	NA	NA	1/1	0.42500	0.42500	0.42500
Methyl Acetate	3	3	0.006 to 0.02	0/3	8700	NA	NA	3/3	0.00600	0.01100	0.02000
Methyl-2-pentanone[4-]	193	1	0.002 to [0.028]	0/193	280	NA	NA	1/193	0.00200	0.00200	0.00200
Methylene Chloride	212	27	[0.0021] to 0.058	0/212	1.9	0/212	1.98	27/212	0.00220	0.00985	0.03100
Methylphenol[2-]	200	1	[0.33 to 19]	0/200	3100	NA	NA	1/200	0.39000	0.39000	0.39000
Methylphenol[4-]	200	1	[0.33 to 19]	0/200	310	NA	NA	1/200	0.39000	0.39000	0.39000
Myristic acid	1	1	0.316 to 0.316	NA	NA	NA	NA	1/1	0.31600	0.31600	0.31600
Naphthalene	232	3	[0.0012 to 19]	0/232	19	1/232	0.06	3/232	0.02200	0.09567	0.24000
Nitrobenzene	375	1	[0.25 to 120]	0/375	9.1	0/375	4.2	1/375	0.39000	0.39000	0.39000
Nitroso-di-n-propylamine[N-]	200	1	[0.33 to 19]	1/200	0.025	NA	NA	1/200	0.39000	0.39000	0.39000
Nitrosodimethylamine[N-]	200	1	[0.33 to 19]	1/200	0.0034	NA	NA	1/200	0.39000	0.39000	0.39000
Nitrotoluene[2-]	153	4	0.027 to [120]	NA	NA	1/153	1.5	4/153	0.02700	0.93125	3.02000
Nonadecane	2	2	0.182 to 0.319	NA	NA	NA	NA	2/2	0.18200	0.25050	0.31900
Octachlorodibenzodioxin	54	25	[0.00002 to 0.0013]	NA	NA	NA	NA	25/54	0.00010	0.00043	0.00098
Octachlorodibenzofuran	54	13	[0.00004 to 0.001]	NA	NA	NA	NA	13/54	0.00006	0.00015	0.00031
Octacosane	1	1	0.241 to 0.241	NA	NA	NA	NA	1/1	0.24100	0.24100	0.24100
Octadecane[n-]	3	3	0.181 to 0.302	NA	NA	NA	NA	3/3	0.18100	0.23533	0.30200
Octadecanoic acid	1	1	31 to 31	NA	NA	NA	NA	1/1	31.00000	31.00000	31.00000
Octadecanol[1-]	1	1	0.635 to 0.635	NA	NA	NA	NA	1/1	0.63500	0.63500	0.63500
Pentachlorodibenzodioxins (Total)	54	1	[0.00002 to 0.014]	NA	NA	NA	NA	1/54	0.00017	0.00017	0.00017
Pentachlorodibenzofuran[2,3,4,7,8-]	54	2	[0.00001 to 9.700001E-04]	NA	NA	NA	NA	2/54	0.00003	0.00004	0.00005
Pentachlorodibenzofurans (Total)	54	3	[0.00002 to 0.0026]	NA	NA	NA	NA	3/54	0.00021	0.00035	0.00049
Pentacosane	1	1	0.282 to 0.282	NA	NA	NA	NA	1/1	0.28200	0.28200	0.28200
PETN	168	24	0.17 to 6	NA	NA	0/168	4200	24/168	0.17000	0.84625	6.00000
Phenanthrene	182	12	0.02 to [19]	NA	NA	0/182	33	12/182	0.02000	0.29617	1.70000
Phenol	199	1	[0.33 to 19]	0/199	10000	0/199	2.37	1/199	0.39000	0.39000	0.39000
Pyrene	184	40	0.022 to [19]	0/184	1500	0/184	4.5	40/184	0.02200	0.15497	2.70000

Table 1 (continued)

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater than 0.1 MSSL[b]	0.1 MSSL (mg/kg)[c]	Frequency of Detects Greater than 0.3 ESL[d]	0.3 ESL[e] (mg/kg)	Frequency of Detects[f]	Minimum of Detects (mg/kg)	Mean of Detects (mg/kg)	Maximum of Detects (mg/kg)
RDX	175	159	0.11 to 1800	131/175	1.6	132/175	1.53	159/175	0.11000	200.80101	1800.00000
Styrene	172	1	0.00036 to [0.007]	0/172	170	NA	NA	1/172	0.00036	0.00036	0.00036
Tetrachlorodibenzodioxins (Total)	54	5	0.00001 to [0.00039]	NA	NA	NA	NA	5/54	0.00001	0.00007	0.00012
Tetrachlorodibenzofuran[2,3,7,8-]	54	6	[0.00002 to 0.00043]	NA	NA	NA	NA	6/54	0.00002	0.00006	0.00011
Tetrachlorodibenzofurans (Total)	54	6	[0.00002 to 0.00043]	NA	NA	NA	NA	6/54	0.00006	0.00011	0.00027
Tetrachloroethane[1,1,2,2-]	188	16	[0.005] to 0.455	16/188	0.084	0/188	11.7	16/188	0.15700	0.22187	0.45500
Tetrachloroethene	172	4	0.00057 to [0.007]	0/172	1.3	0/172	1.14	4/172	0.00057	0.00096	0.00200
Toluene	179	53	0.00034 to 0.0084	0/179	52	0/179	21.3	53/179	0.00034	0.00260	0.00840
Tribromophenol[2,4,6-]	2	2	1.19 to 1.23	NA	NA	NA	NA	2/2	1.19000	1.21000	1.23000
Tributyl Phosphate	1	1	1 to 1	NA	NA	NA	NA	1/1	1.00000	1.00000	1.00000
Trichloro-1,2,2-trifluoroethane[1,1,2-]	172	5	0.002 to [0.007]	0/172	560	NA	NA	5/172	0.00200	0.00250	0.00330
Trichloroethane[1,1,1-]	173	2	0.001 to [0.007]	0/173	140	0/173	840	2/173	0.00100	0.00150	0.00200
Trichloroethane[1,1,2-]	180	8	[0.005] to 0.296	8/180	0.18	NA	NA	8/180	0.19000	0.23625	0.29600
Trichloroethene	172	1	0.00043 to [0.007]	0/172	0.6	0/172	0.57	1/172	0.00043	0.00043	0.00043
Trichlorofluoromethane	194	20	[0.001 to 0.007]	0/194	130	NA	NA	20/194	0.00100	0.00204	0.00480
Trichloropropane[1,2,3-]	175	1	0.001 to [0.007]	1/175	0.00031	NA	NA	1/175	0.00100	0.00100	0.00100
Trimethylbenzene[1,2,4-]	172	1	0.00057 to [0.007]	0/172	17	NA	NA	1/172	0.00057	0.00057	0.00057
Trinitrobenzene[1,3,5-]	175	27	0.17 to [120]	0/175	1900	9/175	2.1	27/175	0.17000	2.02481	6.40000
Trinitrotoluene[2,4,6-]	216	177	0.1 to 1300	125/216	5.8	177/216	0.09	177/216	0.10000	80.23640	1300.00000
Tris(2-chloroethyl) Phosphate	10	10	0.181 to 14	NA	NA	NA	NA	10/10	0.18100	2.38440	14.00000
Tris(2-Ethylhexyl) Phosporic Acid	10	10	0.951 to 31	NA	NA	NA	NA	10/10	0.95100	9.54210	31.00000
Xylene (Total)	173	6	0.00031 to 0.009	NA	NA	0/173	0.33	6/173	0.00031	0.00422	0.00900

[a] Values in square brackets indicate nondetected results.

[b] Value is the ratio of the number of detected values exceeding the 0.1 MSSL value to the number of analyses.

[c] MSSL value calculated from U.S. Environmental Protection Agency, Region 6, Human Health Medium-Specific Screening Levels (MSSLs) (June 1999, 64804.1) .

[d] Value is the ratio of the number of detected values exceeding the 0.3 ESL value to the number of analyses.

[e] ESL = ecological screening level taken from Los Alamos National Laboratory's ECORISK Database (LANL 1998, 85891.1).

[f] Value is the ratio of the number of detected values divided by the number of analyses.

Table 2

MDA P Detected Organic Analytical Results

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Acenaphthene	407	0816-99-1020	0.026	2000	0.75
Acenaphthene	443	0816-99-1021	0.028	2000	0.75
Acenaphthene	480, 516	0816-99-1091	0.36	2000	0.75
Acenaphthene	514, 515, 551	0816-99-1182	0.075	2000	0.75
Acenaphthene	558, 486	0816-99-1148	0.17	2000	0.75
Acetone	371, 372	0816-99-1368	0.013	580	0.54
Acetone	371, 372	0816-99-1369	0.016	580	0.54
Acetone	371, 372	0816-99-1370	0.012	580	0.54
Acetone	371, 372	0816-99-1371	0.01	580	0.54
Acetone	371, 372	0816-99-1374	0.12	580	0.54
Acetone	453, 454	0816-00-1017	0.023	580	0.54
Acetone	488, 489, 490	0816-00-1005	0.026	580	0.54
Acetone	488, 489, 490	0816-00-1006	0.032	580	0.54
Acetone	488, 489, 490	0816-00-1006	0.047	580	0.54
Acetone	488, 489, 490	0816-00-1011	0.047	580	0.54
Acetone	515	0816-99-1077	0.0036	580	0.54
Acetone	550, 551, 552, 588, 626, 373	0816-99-1365	0.0088	580	0.54
Acetone	552, 553, 589, 590, 558, 559	0816-99-1364	0.012	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1364	0.012	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1365	0.0088	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1366	0.016	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1368	0.013	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1369	0.016	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1370	0.012	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1371	0.01	580	0.54
Acetone	552, 553, 589, 590, 626, 373	0816-99-1372	0.022	580	0.54
Acetone	555	0816-99-1140	0.0039	580	0.54
Acetone	555	0816-99-1141	0.0092	580	0.54
Acetone	588 626, 373	0816-99-1366	0.016	580	0.54
Acetone	588 626, 373	0816-99-1373	0.027	580	0.54
Acetone	589,590,626 374	0816-99-1378	0.066	580	0.54
Acetone	589,590,626 374	0816-99-1379	0.06	580	0.54
Acetone	591, 592, 593, 627, 628, 629	0816-99-1394	0.017	580	0.54
Acetone	591, 592, 593, 627, 628, 629	0816-99-1397	0.019	580	0.54
Aldrin	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.037	0.01	N/A
Amino-2,6-dinitrotoluene[4-]	480, 516	0816-99-1133	1	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	514	0816-99-1150	1.5	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	552, 553	0816-99-1097	0.6	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	553	0816-99-1100	0.31	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	553	0816-99-1102	0.62	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	553, 554	0816-99-1104	0.22	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	553, 554	0816-99-1105	0.25	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	554	0816-99-1103	0.27	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	554	0816-99-1124	1.7	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	554	0816-99-1155	0.65	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	554, 555	0816-99-1107	0.37	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	555	0816-99-1099	0.39	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	555	0816-99-1140	1.4	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	555	0816-99-1141	1.7	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	555	0816-99-1142	1.8	N/A	N/A
Amino-2,6-dinitrotoluene[4-]	558, 486	0816-99-1148	1.4	N/A	N/A
Amino-4,6-dinitrotoluene[2-]	514	0816-99-1150	1.2	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	553	0816-99-1100	0.12	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	553	0816-99-1102	0.26	N/A	1.83

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Amino-4,6-dinitrotoluene[2-]	553, 554	0816-99-1104	0.1	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	553, 554	0816-99-1105	0.17	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	554	0816-99-1103	0.13	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	554	0816-99-1124	1	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	554	0816-99-1155	0.39	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	554, 555	0816-99-1107	0.22	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	555	0816-99-1099	0.16	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	555	0816-99-1140	1.1	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	555	0816-99-1141	1.2	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	555	0816-99-1142	1.2	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	557, 593	0816-99-1179	0.209	N/A	1.83
Amino-4,6-dinitrotoluene[2-]	558, 486	0816-99-1148	1.1	N/A	1.83
Amino-DNTs	487, 488	0816-00-1012	4.9	N/A	N/A
Amino-DNTs	479, 515, 516	0816-99-1338	0.72	N/A	N/A
Amino-DNTs	514, 515, 551	0816-99-1182	1.1	N/A	N/A
Amino-DNTs	514, 515, 551	0816-99-1183	0.97	N/A	N/A
Amino-DNTs	514, 515, 551	0816-99-1184	0.9	N/A	N/A
Amino-DNTs	514, 515, 551	0816-99-1185	1.2	N/A	N/A
Amino-DNTs	514, 515, 551	0816-99-1323	1.2	N/A	N/A
Amino-DNTs	516, 551, 552	0816-99-1321	0.71	N/A	N/A
Amino-DNTs	516, 551, 552	0816-99-1322	0.73	N/A	N/A
Amino-DNTs	516, 551, 552	0816-99-1325	0.62	N/A	N/A
Amino-DNTs	516, 551, 552	0816-99-1328	0.77	N/A	N/A
Amino-DNTs	522, 558	0816-99-1357	0.65	N/A	N/A
Amino-DNTs	550, 551, 552, 588, 626, 373	0816-99-1361	1.2	N/A	N/A
Amino-DNTs	550, 551, 552, 588, 626, 373	0816-99-1362	0.75	N/A	N/A
Amino-DNTs	552, 553, 589, 590	0816-99-1360	1.7	N/A	N/A
Amino-DNTs	554	0816-99-1168	0.88	N/A	N/A
Amino-DNTs	554, 555, 590	0816-99-1169	1.1	N/A	N/A
Amino-DNTs	554, 590	0816-99-1173	0.73	N/A	N/A
Amino-DNTs	555	0816-99-1170	1.3	N/A	N/A
Amino-DNTs	555	0816-99-1171	0.65	N/A	N/A
Amino-DNTs	557, 593	0816-99-1172	0.83	N/A	N/A
Amino-DNTs	557, 593	0816-99-1177	0.75	N/A	N/A
Amino-DNTs	557, 593	0816-99-1178	0.53	N/A	N/A
Amino-DNTs	557, 593	0816-99-1179	0.81	N/A	N/A
Amino-DNTs	588, 589, 624, 625	0816-99-1405	0.98	N/A	N/A
Amino-DNTs	588, 589, 624, 625	0816-99-1408	0.81	N/A	N/A
Amino-DNTs	588, 589, 624, 625	0816-99-1409	0.73	N/A	N/A
Amino-DNTs	591, 592, 593, 627, 628, 629	0816-99-1396	1.6	N/A	N/A
Amino-DNTs	591, 592, 593, 627, 628, 629	0816-99-1397	1.5	N/A	N/A
Amino-DNTs	592, 593, 628, 629	0816-99-1399	1.1	N/A	N/A
Amino-DNTs	592, 593, 628, 629	0816-99-1401	1.2	N/A	N/A
Amino-DNTs	592, 593, 628, 629	0816-99-1403	0.33	N/A	N/A
Amino-DNTs	592, 593, 628, 629	0816-99-1404	0.98	N/A	N/A
Amino-DNTs	592, 593, 628, 629	0816-99-1421	0.82	N/A	N/A
Amino-DNTs	624, 625, 626, 660, 661, 662, 663	0816-00-1000	0.74	N/A	N/A
Amino-DNTs	624, 625, 626, 660, 661, 662, 663	0816-00-1002	4.7	N/A	N/A
Amino-DNTs	624, 625, 626, 660, 661, 662, 663	0816-99-1428	0.45	N/A	N/A
Amino-DNTs	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.78	N/A	N/A
Aniline	557, 593	0816-99-1172	0.78	31	N/A
Anthracene	407	0816-99-1020	0.026	22000	66
Anthracene	443	0816-99-1021	0.033	10000	66
Anthracene	488, 489, 490	0816-00-1006	0.11	10000	66
Anthracene	479	0816-99-1089	0.054	10000	66
Anthracene	480, 516	0816-99-1135	0.056	10000	66

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Anthracene	514, 515, 551	0816-99-1182	0.27	10000	66
Anthracene	514, 515, 551	0816-99-1183	0.02	10000	66
Anthracene	554	0816-99-1111	0.051	10000	66
Anthracene	554	0816-99-1156	0.38	10000	66
Anthracene	558, 486	0816-99-1147	0.13	10000	66
Anthracene	558, 486	0816-99-1148	0.16	10000	66
Anthracene	558, 486	0816-99-1149	0.23	10000	66
Anthracene	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.054	10000	66
Anthracene	624, 625, 626, 660, 661, 662, 663	0816-99-1443	0.05	10000	66
Aroclor-1242	371, 372	0816-99-1374	1.2	0.1	0.048
Aroclor-1242	453, 454	0816-00-1019	0.54	0.1	0.048
Aroclor-1242	488, 489, 490	0816-00-1010	0.76	0.1	0.048
Aroclor-1242	479, 515, 516	0816-99-1338	1.4	0.1	0.048
Aroclor-1242	516, 551, 552	0816-99-1321	0.12	0.1	0.048
Aroclor-1242	516, 551, 552	0816-99-1324	0.067	0.1	0.048
Aroclor-1242	516, 551, 552	0816-99-1328	0.21	0.1	0.048
Aroclor-1242	552, 553, 589, 590, 558, 559	0816-99-1364	5.1	0.1	0.048
Aroclor-1242	552,553,589,590,626, 373	0816-99-1364	5.1	0.1	0.048
Aroclor-1242	591, 592, 593, 557	0816-99-1337	0.18	0.1	0.048
Aroclor-1242	592, 593, 628, 629	0816-99-1403	0.18	0.1	0.048
Aroclor-1242	592, 593, 628, 629	0816-99-1404	0.16	0.1	0.048
Aroclor-1242	623, 624, 625, 626	0816-99-1421	0.075	0.1	0.048
Aroclor-1242	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.41	0.1	0.048
Aroclor-1242	624, 625, 626, 660, 661, 662, 663	0816-99-1432	2	0.1	0.048
Aroclor-1242	624, 625, 626, 660, 661, 662, 663	0816-99-1441	1.6	0.1	0.048
Aroclor-1242	624, 625, 626, 660, 661, 662, 663	0816-99-1442	1.6	0.1	0.048
Aroclor-1248	371, 372	0816-99-1370	0.57	0.1	0.0009
Aroclor-1248	523, 559	0816-99-1344	0.11	0.1	0.0009
Aroclor-1248	552, 553, 589, 590, 626, 373	0816-99-1370	0.57	0.1	0.0009
Aroclor-1248	554, 555	0816-99-1107	0.062	0.1	0.0009
Aroclor-1248	555	0816-99-1138	0.06	0.1	0.0009
Aroclor-1248	589, 590, 626, 374	0816-99-1381	1.7	0.1	0.0009
Aroclor-1248	591, 592, 593, 627, 628, 629	0816-99-1394	0.23	0.1	0.0009
Aroclor-1248	591, 592, 593, 627, 628, 629	0816-99-1398	0.074	0.1	0.0009
Aroclor-1254	453, 454	0816-00-1019	0.65	0.1	0.036
Aroclor-1254	479, 515, 516	0816-99-1338	0.47	0.1	0.036
Aroclor-1254	480, 516	0816-99-1091	0.018	0.1	0.036
Aroclor-1254	480, 516	0816-99-1133	0.023	0.1	0.036
Aroclor-1254	514	0816-99-1150	0.045	0.1	0.036
Aroclor-1254	523, 559	0816-99-1344	0.06	0.1	0.036
Aroclor-1254	515, 516	0816-99-1084	0.023	0.1	0.036
Aroclor-1254	516, 551, 552	0816-99-1321	0.073	0.1	0.036
Aroclor-1254	516, 551, 552	0816-99-1324	0.048	0.1	0.036
Aroclor-1254	516, 551, 552	0816-99-1328	0.1	0.1	
Aroclor-1254	522, 558	0816-99-1358	0.068	0.1	0.036
Aroclor-1254	554	0816-99-1103	0.2	0.1	0.036
Aroclor-1254	554	0816-99-1112	0.018	0.1	0.036
Aroclor-1254	554	0816-99-1116	0.036	0.1	0.036
Aroclor-1254	554	0816-99-1122	0.032	0.1	0.036
Aroclor-1254	554	0816-99-1126	0.028	0.1	0.036
Aroclor-1254	554	0816-99-1155	0.026	0.1	0.036
Aroclor-1254	554, 590	0816-99-1173	0.05	0.1	0.036
Aroclor-1254	555	0816-99-1142	0.018	0.1	0.036
Aroclor-1254	555	0816-99-1171	0.096	0.1	0.036
Aroclor-1254	591, 592, 593, 557	0816-99-1337	0.051	0.1	0.036
Aroclor-1260	452, 453, 488, 489	0816-00-1014	0.26	0.1	0.015

Analyte	Location ID	Sample ID	[illegible] (mg/kg)	[illegible] (mg/kg)	[illegible] (mg/kg)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzene	407, 455, 466, 496	[illegible]	[illegible]	[illegible]	[illegible]
Benzene	487, 490	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)anthracene	407	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)anthracene	407	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)anthracene	443	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)anthracene	479	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)pyrene	514, 515, 55	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)pyrene	514, 515, 581	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)pyrene	553	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)pyrene	554	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)pyrene	555	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(a)pyrene	577, 583	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(b)fluoranthene	397, 442, 589, 597	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(b)fluoranthene	407	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(g,h,i)perylene	514, 515, 55	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(g,h,i)perylene	514, 515, 551	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	555	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	407	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	407	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	443	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	479	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	486, 514	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	514, 515, 55	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	514, 515, 551	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	514, 515, 58	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	514, 515, 58	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	553	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	554	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	555	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(k)fluoranthene	58, 582, 583, 597	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(g,h,i)perylene	407	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(g,h,i)perylene	407	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(g,h,i)perylene	443	[illegible]	[illegible]	[illegible]	[illegible]
Benzo(g,h,i)perylene	479	[illegible]	[illegible]	[illegible]	[illegible]

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Benzo(g,h,i)perylene	514, 515, 551	0816-99-1182	0.12	NA	3.6
Benzo(g,h,i)perylene	514, 515, 551	0816-99-1183	0.023	NA	3.6
Benzo(g,h,i)perylene	514, 515, 551	0816-99-1184	0.027	NA	3.6
Benzo(g,h,i)perylene	514, 515, 551	0816-99-1185	0.039	NA	3.6
Benzo(g,h,i)perylene	553	0816-99-1153	0.05	NA	3.6
Benzo(g,h,i)perylene	558, 486	0816-99-1148	0.57	NA	3.6
Benzo(g,h,i)perylene	591, 592, 593, 557	0816-99-1337	0.11	NA	3.6
Benzo(k)fluoranthene	407	0816-99-1016	0.03	2	3.9
Benzo(k)fluoranthene	407	0816-99-1020	0.047	2	3.9
Benzo(k)fluoranthene	443	0816-99-1021	0.06	2	3.9
Benzo(k)fluoranthene	479	0816-99-1089	0.074	2	3.9
Benzo(k)fluoranthene	480, 516	0816-99-1133	0.051	2	3.9
Benzo(k)fluoranthene	514, 515, 551	0816-99-1182	0.24	2	3.9
Benzo(k)fluoranthene	514, 515, 551	0816-99-1183	0.043	2	3.9
Benzo(k)fluoranthene	514, 515, 551	0816-99-1184	0.021	2	3.9
Benzo(k)fluoranthene	553	0816-99-1153	0.071	2	3.9
Benzo(k)fluoranthene	554	0816-99-1111	0.033	2	3.9
Benzo(k)fluoranthene	554	0816-99-1156	0.059	2	3.9
Benzo(k)fluoranthene	558, 486	0816-99-1148	0.68	2	3.9
Benzo(k)fluoranthene	591,592,593,557	0816-99-1337	0.12	2	3.9
BHC[alpha-]	371,372	0816-99-1370	0.0025	0.048	N/A
BHC[alpha-]	552, 553, 589, 590, 626, 373	0816-99-1370	0.0025	0.048	N/A
BHC[gamma-]	516, 551, 552	0816-99-1328	0.018	0.23	0.0102
BHC[gamma-]	588,589,624,625	0816-99-1409	0.023	0.23	0.0102
BHC[gamma-]	592,593,628,629	0816-99-1404	0.038	0.23	0.0102
Bis(2-chloroethyl)ether	557, 593	0816-99-1172	0.39	0.049	N/A
Bis(2-ethylhexyl)phthalate	371, 372	0816-99-1369	6.5	12	0.072
Bis(2-ethylhexyl)phthalate	371, 372	0816-99-1370	4	12	0.072
Bis(2-ethylhexyl)phthalate	371, 372	0816-99-1371	4.3	12	0.072
Bis(2-ethylhexyl)phthalate	371, 372	0816-99-1374	0.57	12	0.072
Bis(2-ethylhexyl)phthalate	407	0816-99-1016	0.089	12	0.072
Bis(2-ethylhexyl)phthalate	407	0816-99-1020	0.062	12	0.072
Bis(2-ethylhexyl)phthalate	443	0816-99-1017	0.071	12	0.072
Bis(2-ethylhexyl)phthalate	443	0816-99-1021	0.076	12	0.072
Bis(2-ethylhexyl)phthalate	443	0816-99-1022	0.04	12	0.072
Bis(2-ethylhexyl)phthalate	488, 489, 490	0816-00-1006	1.6	12	0.072
Bis(2-ethylhexyl)phthalate	488, 489, 490	0816-00-1007	1.3	12	0.072
Bis(2-ethylhexyl)phthalate	479	0816-99-1089	0.055	12	0.072
Bis(2-ethylhexyl)phthalate	479,515,516	0816-99-1338	0.78	12	0.072
Bis(2-ethylhexyl)phthalate	480, 516	0816-99-1091	0.071	12	0.072
Bis(2-ethylhexyl)phthalate	480, 516	0816-99-1092	0.095	12	0.072
Bis(2-ethylhexyl)phthalate	480, 516	0816-99-1133	1.7	12	0.072
Bis(2-ethylhexyl)phthalate	480, 516	0816-99-1134	1.8	12	0.072
Bis(2-ethylhexyl)phthalate	480, 516	0816-99-1135	2.5	12	0.072
Bis(2-ethylhexyl)phthalate	514	0816-99-1150	5.2	12	0.072
Bis(2-ethylhexyl)phthalate	514, 515, 551	0816-99-1182	0.4	12	0.072
Bis(2-ethylhexyl)phthalate	514, 515, 551	0816-99-1183	0.53	12	0.072
Bis(2-ethylhexyl)phthalate	514, 515, 551	0816-99-1184	0.39	12	0.072
Bis(2-ethylhexyl)phthalate	514, 515, 551	0816-99-1185	0.76	12	0.072
Bis(2-ethylhexyl)phthalate	514, 515, 551	0816-99-1323	1.5	12	0.072
Bis(2-ethylhexyl)phthalate	514, 515, 551, 557, 558	0816-99-1320	0.21	12	0.072
Bis(2-ethylhexyl)phthalate	514, 515, 516, 550, 551, 552	0816-99-1331	0.87	12	0.072
Bis(2-ethylhexyl)phthalate	523, 559	0816-99-1343	6.6	12	0.072
Bis(2-ethylhexyl)phthalate	523, 559	0816-99-1344	4.6	12	0.072
Bis(2-ethylhexyl)phthalate	523, 559	0816-99-1355	11	12	0.072
Bis(2-ethylhexyl)phthalate	523, 559	0816-99-1356	12	12	0.072

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Bis(2-ethylhexyl)phthalate	523, 486, 487, 591, 592, 593	0816-99-1342	6.5	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1321	0.41	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1322	0.43	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1324	0.55	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1325	0.86	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1326	0.48	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1328	0.34	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1329	1.5	12	0.072
Bis(2-ethylhexyl)phthalate	516, 551, 552	0816-99-1330	0.49	12	0.072
Bis(2-ethylhexyl)phthalate	522, 558	0816-99-1357	7.5	12	0.072
Bis(2-ethylhexyl)phthalate	522, 558	0816-99-1358	13	12	0.072
Bis(2-ethylhexyl)phthalate	550, 551, 552, 588, 626, 373	0816-99-1361	0.87	12	0.072
Bis(2-ethylhexyl)phthalate	550, 551, 552, 588, 626, 373	0816-99-1362	1.4	12	0.072
Bis(2-ethylhexyl)phthalate	552,553,589,590	0816-99-1360	1.6	12	0.072
Bis(2-ethylhexyl)phthalate	552, 553, 589, 590, 626, 373	0816-99-1363	7.4	12	0.072
Bis(2-ethylhexyl)phthalate	552, 553, 589, 590, 626, 373	0816-99-1363	3.4	12	0.072
Bis(2-ethylhexyl)phthalate	552, 553, 589, 590, 626, 373	0816-99-1369	6.5	12	0.072
Bis(2-ethylhexyl)phthalate	552, 553, 589, 590, 626, 373	0816-99-1370	4	12	0.072
Bis(2-ethylhexyl)phthalate	552, 553, 589, 590, 626, 373	0816-99-1371	4.3	12	0.072
Bis(2-ethylhexyl)phthalate	553	0816-99-1101	20	12	0.072
Bis(2-ethylhexyl)phthalate	553	0816-99-1152	2.3	12	0.072
Bis(2-ethylhexyl)phthalate	553	0816-99-1153	0.57	12	0.072
Bis(2-ethylhexyl)phthalate	553	0816-99-1154	6	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1111	1.7	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1112	53	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1113	12	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1114	5.7	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1115	7.5	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1116	14	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1117	10	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1118	13	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1119	21	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1122	13	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1123	8.9	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1124	7.2	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1125	7.9	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1126	11	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1127	9.9	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1128	14	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1129	8	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1130	1	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1155	0.57	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1156	2.5	12	0.072
Bis(2-ethylhexyl)phthalate	554	0816-99-1168	0.86	12	0.072
Bis(2-ethylhexyl)phthalate	554, 555	0816-99-1107	1.1	12	0.072
Bis(2-ethylhexyl)phthalate	554, 555, 556, 590, 591, 592	0816-99-1332	0.41	12	0.072
Bis(2-ethylhexyl)phthalate	554, 555, 590	0816-99-1169	1.8	12	0.072
Bis(2-ethylhexyl)phthalate	554, 590	0816-99-1173	1.6	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1137	2.9	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1138	2.6	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1139	1.9	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1140	11	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1141	7.6	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1142	6.6	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1170	0.67	12	0.072
Bis(2-ethylhexyl)phthalate	555	0816-99-1171	1.7	12	0.072

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Bis(2-ethylhexyl)phthalate	557, 593	0816-99-1172	1.9	12	0.072
Bis(2-ethylhexyl)phthalate	557, 593	0816-99-1177	2.1	12	0.072
Bis(2-ethylhexyl)phthalate	557, 593	0816-99-1178	1.9	12	0.072
Bis(2-ethylhexyl)phthalate	557, 593	0816-99-1179	2.6	12	0.072
Bis(2-ethylhexyl)phthalate	558, 486	0816-99-1147	8.7	12	0.072
Bis(2-ethylhexyl)phthalate	558, 486	0816-99-1148	8.8	12	0.072
Bis(2-ethylhexyl)phthalate	558, 486	0816-99-1149	10	12	0.072
Bis(2-ethylhexyl)phthalate	588, 626, 373	0816-99-1373	0.89	12	0.072
Bis(2-ethylhexyl)phthalate	588, 589, 624, 625	0816-99-1405	1.3	12	0.072
Bis(2-ethylhexyl)phthalate	589, 590, 626, 374	0816-99-1378	8.7	12	0.072
Bis(2-ethylhexyl)phthalate	589, 590, 626, 374	0816-99-1379	1.8	12	0.072
Bis(2-ethylhexyl)phthalate	589, 590, 626, 374	0816-99-1382	3.5	12	0.072
Bis(2-ethylhexyl)phthalate	589, 590, 626, 374	0816-99-1383	2.9	12	0.072
Bis(2-ethylhexyl)phthalate	591, 592, 593	0816-99-1340	1.5	12	0.072
Bis(2-ethylhexyl)phthalate	591, 592, 593, 557	0816-99-1333	0.54	12	0.072
Bis(2-ethylhexyl)phthalate	591, 592, 593, 557	0816-99-1337	1.4	12	0.072
Bis(2-ethylhexyl)phthalate	591, 592, 593, 627, 628, 629	0816-99-1395	2.7	12	0.072
Bis(2-ethylhexyl)phthalate	591, 592, 593, 627, 628, 629	0816-99-1396	0.86	12	0.072
Bis(2-ethylhexyl)phthalate	591, 592, 593, 627, 628, 629	0816-99-1397	4.4	12	0.072
Bis(2-ethylhexyl)phthalate	591, 592, 593, 627, 628, 629	0816-99-1398	5.3	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1426	0.98	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1427	1.7	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1428	0.28	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1430	0.28	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1431	0.098	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1433	0.19	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1437	0.26	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1438	0.18	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1439	0.23	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1441	0.23	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1442	1.1	12	0.072
Bis(2-ethylhexyl)phthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1443	0.55	12	0.072
Bisphenol A	557, 593	0816-99-1177	0.331	N/A	N/A
Butanone[2-]	371, 372	0816-99-1368	0.0027	2600	285
Butanone[2-]	371, 372	0816-99-1369	0.0026	2600	285
Butanone[2-]	371, 372	0816-99-1370	0.0029	2600	285
Butanone[2-]	371, 372	0816-99-1371	0.0023	2600	285
Butanone[2-]	371, 372	0816-99-1374	0.0039	2600	285
Butanone[2-]	450, 451	0816-00-1020	0.005	2600	285
Butanone[2-]	450, 451	0816-00-1021	0.005	2600	285
Butanone[2-]	552, 553, 589, 590, 626, 373	0816-99-1368	0.0027	2600	285
Butanone[2-]	552, 553, 589, 590, 626, 373	0816-99-1369	0.0026	2600	285
Butanone[2-]	552, 553, 589, 590, 626, 373	0816-99-1370	0.0029	2600	285
Butanone[2-]	552, 553, 589, 590, 626, 373	0816-99-1371	0.0023	2600	285
Butanone[2-]	555	0816-99-1142	0.0017	2600	285
Butanone[2-]	588, 626, 373	0816-99-1373	0.0032	2600	285
Chlordane (Technical Grade)	552, 553, 589, 590, 558, 559	0816-99-1364	0.0045	N/A	N/A
Chlordane (Technical Grade)	552, 553, 589, 590, 626, 373	0816-99-1364	0.0045	N/A	N/A
Chlordane (Technical Grade)	591, 592, 593, 627, 628, 629	0816-99-1394	0.077	N/A	N/A
Chlordane[alpha-]	588, 589, 624, 625	0816-99-1409	0.013	N/A	0.63
Chlordane[alpha-]	591, 592, 593, 627, 628, 629	0816-99-1394	0.14	N/A	0.63
Chlordane[alpha-]	592, 593, 628, 629	0816-99-1404	0.015	N/A	0.63
Chlordane[alpha-]	623, 624, 625, 626	0816-99-1421	0.022	N/A	0.63
Chlorobenzene	443	0816-99-1052	0.186	18	7.2
Chlorobenzene	514, 515	0816-99-1076	0.00044	18	7.2
Chloroethane	478, 480	0816-99-1064	0.0083	160	N/A

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Chloroethane	478, 480	0816-99-1069	0.0089	160	N/A
Chloroethane	479	0816-99-1071	0.008	160	N/A
Chloroethane	518, 517	0816-99-1068	0.0067	160	N/A
Chloroethane	518, 517	0816-99-1070	0.005	160	N/A
Chloroethane	518, 517	0816-99-1072	0.0081	160	N/A
Chloroform	514, 515, 551	0816-99-1185	0.004	0.052	9.6
Chloromethane	488, 489, 490	0816-00-1005	0.002	0.26	N/A
Chloromethane	488, 489, 490	0816-00-1010	0.002	0.26	N/A
Chloromethane	514, 515, 551	0816-99-1185	0.004	0.26	N/A
Chloromethane	514, 515, 551, 557, 558	0816-99-1320	0.006	0.26	N/A
Chloromethane	514, 515, 551, 557, 558	0816-99-1320	0.001	0.26	N/A
Chloromethane	514, 515, 516, 550, 551, 552	0816-99-1331	0.012	0.26	N/A
Chlorophenol[2-]	557, 593	0816-99-1172	0.39	23	0.36
Chrysene	407	0816-99-1016	0.042	20	0.99
Chrysene	407	0816-99-1020	0.082	20	0.99
Chrysene	443	0816-99-1021	0.092	20	0.99
Chrysene	443	0816-99-1022	0.025	20	0.99
Chrysene	479	0816-99-1089	0.13	20	0.99
Chrysene	480, 516	0816-99-1090	0.061	20	0.99
Chrysene	514, 515, 551	0816-99-1182	0.32	20	0.99
Chrysene	514, 515, 551	0816-99-1183	0.052	20	0.99
Chrysene	514, 515, 551	0816-99-1184	0.021	20	0.99
Chrysene	516, 551, 552	0816-99-1326	0.026	20	0.99
Chrysene	516, 551, 552	0816-99-1330	0.12	20	0.99
Chrysene	553	0816-99-1153	0.14	20	0.99
Chrysene	554	0816-99-1156	0.1	20	0.99
Chrysene	555	0816-99-1141	0.054	20	0.99
Chrysene	558, 486	0816-99-1148	0.85	20	0.99
Chrysene	591, 592, 593, 557	0816-99-1337	0.15	20	0.99
DDE[4,4'-]	514	0816-99-1150	0.0015	1	0.00054
DDE[4,4'-]	552, 553, 589, 590, 558, 559	0816-99-1364	0.018	1	0.00054
DDE[4,4'-]	552, 553, 589, 590, 626, 373	0816-99-1364	0.018	1	0.00054
DDE[4,4'-]	554	0816-99-1103	0.0039	1	0.00054
DDE[4,4'-]	554	0816-99-1122	0.0024	1	0.00054
DDE[4,4'-]	554	0816-99-1126	0.0025	1	0.00054
DDE[4,4'-]	554, 555	0816-99-1107	0.00088	1	0.00054
DDE[4,4'-]	555	0816-99-1099	0.0039	1	0.00054
DDT[4,4'-]	514	0816-99-1150	0.0059	1	0.00084
DDT[4,4'-]	552, 553, 589, 590, 558, 559	0816-99-1364	0.011	1	0.00084
DDT[4,4'-]	552, 553, 589, 590, 626, 373	0816-99-1364	0.011	1	0.00084
DDT[4,4'-]	554	0816-99-1103	0.011	1	0.00084
DDT[4,4'-]	554	0816-99-1112	0.002	1	0.00084
DDT[4,4'-]	554	0816-99-1116	0.0047	1	0.00084
DDT[4,4'-]	554	0816-99-1122	0.011	1	0.00084
DDT[4,4'-]	554	0816-99-1126	0.011	1	0.00084
DDT[4,4'-]	554, 555	0816-99-1107	0.0041	1	0.00084
DDT[4,4'-]	555	0816-99-1099	0.0017	1	0.00084
DDT[4,4'-]	555	0816-99-1142	0.0049	1	0.00084
DDT[4,4'-]	557, 593	0816-99-1179	0.0034	1	0.00084
Dehydroabietic Acid	515, 516	0816-99-1084	0.34	N/A	N/A
Dibenz(a,h)anthracene	443	0816-99-1021	0.022	0.02	0.69
Dibenz(a,h)anthracene	514, 515, 551	0816-99-1182	0.047	0.02	0.69
Dibenz(a,h)anthracene	514, 515, 551	0816-99-1185	0.02	0.02	0.69
Dibenz(a,h)anthracene	588, 589, 624, 625	0816-99-1408	0.066	0.02	0.69
Dibenzofuran	514, 515, 551	0816-99-1182	0.043	210	18.3
Dibenzofuran	558, 486	0816-99-1148	0.088	210	18.3

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Dibromo-3-chloropropane[1,2-]	452, 453, 488, 489	0816-00-1014	0.001	0.12	N/A
Dichlorobenzene[1,2-]	443	0816-99-1052	0.00024	37	N/A
Dichlorobenzene[1,2-]	557, 593	0816-99-1172	0.39	37	N/A
Dichlorobenzene[1,3-]	443	0816-99-1052	0.215	14	N/A
Dichlorobenzene[1,3-]	557, 593	0816-99-1172	0.39	14	N/A
Dichlorobenzene[1,4-]	557, 593	0816-99-1172	0.39	0.7	3.6
Dichlorodifluoromethane	624, 625, 626, 660, 661, 662, 663	0816-99-1426	0.005	31	N/A
Dichlorodifluoromethane	624, 625, 626, 660, 661, 662, 663	0816-99-1427	0.005	31	N/A
Dichlorodifluoromethane	624, 625, 626, 660, 661, 662, 663	0816-99-1428	0.004	31	N/A
Dichloroethene[cis-1,2-]	478, 480	0816-99-1060	0.0011	15	N/A
Dichloroethene[cis-1,2-]	479	0816-99-1059	0.0028	15	N/A
Dichloroethene[cis-1,2-]	479	0816-99-1089	0.00035	15	N/A
Dichloroethene[cis-1,2-]	480, 516	0816-99-1090	0.00034	15	N/A
Dichloroethene[cis-1,2-]	480, 516	0816-99-1091	0.00033	15	N/A
Dichloroethene[cis-1,2-]	480, 516	0816-99-1092	0.00026	15	N/A
Dichloroethene[cis-1,2-]	515	0816-99-1081	0.0003	15	N/A
Dichloroethene[cis-1,2-]	516	0816-99-1082	0.00037	15	N/A
Dichloroethene[cis-1,2-]	516	0816-99-1083	0.00036	15	N/A
Dichloropropene[1,1-]	450, 451	0816-00-1020	0.002	N/A	N/A
Dieldrin	516, 551, 552	0816-99-1324	0.019	0.011	0.0123
Dimethysulfoxide	553	0816-99-1152	2.67	N/A	N/A
Di-n-butylphthalate	407	0816-99-1016	0.038	6200	0.039
Di-n-butylphthalate	443	0816-99-1017	0.045	6200	0.039
Di-n-butylphthalate	443	0816-99-1021	0.075	6200	0.039
Di-n-butylphthalate	479, 515, 516	0816-99-1338	0.14	6200	0.039
Di-n-butylphthalate	480, 516	0816-99-1133	0.27	6200	0.039
Di-n-butylphthalate	480, 516	0816-99-1134	0.069	6200	0.039
Di-n-butylphthalate	480, 516	0816-99-1135	0.29	6200	0.039
Di-n-butylphthalate	514	0816-99-1150	0.17	6200	0.039
Di-n-butylphthalate	514, 515, 551	0816-99-1182	0.021	6200	0.039
Di-n-butylphthalate	514, 515, 551	0816-99-1183	0.064	6200	0.039
Di-n-butylphthalate	514, 515, 551	0816-99-1184	0.14	6200	0.039
Di-n-butylphthalate	514, 515, 551	0816-99-1185	0.045	6200	0.039
Di-n-butylphthalate	516, 551, 552	0816-99-1321	0.023	6200	0.039
Di-n-butylphthalate	516, 551, 552	0816-99-1324	0.039	6200	0.039
Di-n-butylphthalate	516, 551, 552	0816-99-1325	0.055	6200	0.039
Di-n-butylphthalate	516, 551, 552	0816-99-1326	0.041	6200	0.039
Di-n-butylphthalate	516, 551, 552	0816-99-1328	0.13	6200	0.039
Di-n-butylphthalate	516, 551, 552	0816-99-1329	0.057	6200	0.039
Di-n-butylphthalate	550, 551, 552, 588, 626, 373	0816-99-1361	0.21	6200	0.039
Di-n-butylphthalate	552, 553, 589, 590, 626, 373	0816-99-1363	1.1	6200	0.039
Di-n-butylphthalate	553	0816-99-1152	0.04	6200	0.039
Di-n-butylphthalate	554	0816-99-1111	0.21	6200	0.039
Di-n-butylphthalate	554	0816-99-1112	0.18	6200	0.039
Di-n-butylphthalate	554	0816-99-1113	0.22	6200	0.039
Di-n-butylphthalate	554	0816-99-1116	0.28	6200	0.039
Di-n-butylphthalate	554	0816-99-1117	0.44	6200	0.039
Di-n-butylphthalate	554	0816-99-1118	0.32	6200	0.039
Di-n-butylphthalate	554	0816-99-1130	0.1	6200	0.039
Di-n-butylphthalate	554	0816-99-1156	0.046	6200	0.039
Di-n-butylphthalate	555	0816-99-1137	0.089	6200	0.039
Di-n-butylphthalate	555	0816-99-1138	0.077	6200	0.039
Di-n-butylphthalate	555	0816-99-1139	0.047	6200	0.039
Di-n-butylphthalate	555	0816-99-1140	0.55	6200	0.039
Di-n-butylphthalate	555	0816-99-1141	0.15	6200	0.039
Di-n-butylphthalate	555	0816-99-1142	0.13	6200	0.039

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Di-n-butylphthalate	557, 593	0816-99-1172	0.094	6200	0.039
Di-n-butylphthalate	557, 593	0816-99-1177	0.34	6200	0.039
Di-n-butylphthalate	557, 593	0816-99-1178	0.11	6200	0.039
Di-n-butylphthalate	557, 593	0816-99-1179	0.14	6200	0.039
Di-n-butylphthalate	558, 486	0816-99-1147	0.17	6200	0.039
Di-n-butylphthalate	558, 486	0816-99-1148	0.44	6200	0.039
Di-n-butylphthalate	558, 486	0816-99-1149	0.16	6200	0.039
Di-n-butylphthalate	589, 590, 626, 374	0816-99-1378	0.81	6200	0.039
Di-n-butylphthalate	591, 592, 593, 557	0816-99-1337	0.33	6200	0.039
Di-n-butylphthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1431	0.075	6200	0.039
Di-n-butylphthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1433	0.055	6200	0.039
Di-n-butylphthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1439	0.021	6200	0.039
Di-n-butylphthalate	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.045	6200	0.039
Dinitrotoluene[2,4-]	452, 453, 488, 489	0816-00-1016	3.3	120	0.36
Dinitrotoluene[2,4-]	453, 454	0816-00-1018	3.3	120	0.36
Dinitrotoluene[2,4-]	453, 454	0816-00-1019	3.8	120	0.36
Dinitrotoluene[2,4-]	450, 451	0816-00-1020	5.4	120	0.36
Dinitrotoluene[2,4-]	450, 451	0816-00-1021	3.5	120	0.36
Dinitrotoluene[2,4-]	480, 516	0816-99-1135	0.16	120	0.36
Dinitrotoluene[2,4-]	514	0816-99-1150	0.13	120	0.36
Dinitrotoluene[2,4-]	514, 515, 516, 550, 551, 552	0816-99-1331	0.13	120	0.36
Dinitrotoluene[2,4-]	516, 551, 552	0816-99-1324	0.024	120	0.36
Dinitrotoluene[2,4-]	554	0816-99-1111	0.21	120	0.36
Dinitrotoluene[2,4-]	555	0816-99-1137	0.2	120	0.36
Dinitrotoluene[2,4-]	555	0816-99-1138	0.078	120	0.36
Dinitrotoluene[2,4-]	555	0816-99-1140	0.188	120	0.36
Dinitrotoluene[2,4-]	555	0816-99-1140	0.44	120	0.36
Dinitrotoluene[2,4-]	555	0816-99-1141	0.24	120	0.36
Dinitrotoluene[2,4-]	555	0816-99-1142	0.25	120	0.36
Dinitrotoluene[2,4-]	557, 593	0816-99-1172	0.13	120	0.36
Dinitrotoluene[2,4-]	557, 593	0816-99-1177	0.21	120	0.36
Dinitrotoluene[2,4-]	557, 593	0816-99-1178	0.2	120	0.36
Dinitrotoluene[2,4-]	557, 593	0816-99-1179	0.204	120	0.36
Dinitrotoluene[2,4-]	557, 593	0816-99-1179	0.36	120	0.36
Dinitrotoluene[2,4-]	558, 486	0816-99-1147	0.55	120	0.36
Dinitrotoluene[2,4-]	558, 486	0816-99-1148	0.19	120	0.36
Dinitrotoluene[2,4-]	558, 486	0816-99-1149	0.42	120	0.36
Dinitrotoluene[2,4-]	589, 590, 626, 374	0816-99-1378	0.42	120	0.36
Dinitrotoluene[2,4-]	591, 592, 593, 557	0816-99-1337	0.12	120	0.36
Di-n-octylphthalate	514, 515, 551	0816-99-1184	0.39	1200	48
Endosulfan I	371, 372	0816-99-1374	0.023	N/A	N/A
Endosulfan I	523, 559	0816-99-1344	0.071	N/A	N/A
Endosulfan I	522, 558	0816-99-1358	0.11	N/A	N/A
Endosulfan I	552, 553, 589, 590, 558, 559	0816-99-1364	0.0082	N/A	N/A
Endosulfan I	552, 553, 589, 590, 626, 373	0816-99-1364	0.0082	N/A	N/A
Endrin Aldehyde	591, 592, 593, 627, 628, 629	0816-99-1398	0.0039	N/A	N/A
Endrin Ketone	552, 553, 589, 590, 558, 559	0816-99-1364	0.032	N/A	N/A
Endrin Ketone	552, 553, 589, 590, 626, 373	0816-99-1364	0.032	N/A	N/A
Ethanol[2-(2-butoxyethoxy)]	478, 480	0816-99-1060	0.25	360	N/A
Ethanol[2-(2-butoxyethoxy)]	480, 516	0816-99-1090	2.7	360	N/A
Ethylbenzene	488, 489, 490	0816-00-1006	0.001	23	N/A
Ethylbenzene	488, 489, 490	0816-00-1010	0.001	23	N/A
Fluoranthene	407	0816-99-1016	0.054	2100	7.8
Fluoranthene	407	0816-99-1020	0.099	2100	7.8
Fluoranthene	443	0816-99-1021	0.11	2100	7.8
Fluoranthene	443	0816-99-1022	0.032	2100	7.8

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Fluoranthene	488, 489, 490	0816-00-1006	0.11	2100	7.8
Fluoranthene	479	0816-99-1089	0.19	2100	7.8
Fluoranthene	480, 516	0816-99-1133	0.064	2100	7.8
Fluoranthene	480, 516	0816-99-1135	0.048	2100	7.8
Fluoranthene	514, 515, 551	0816-99-1182	0.91	2100	7.8
Fluoranthene	514, 515, 551	0816-99-1183	0.069	2100	7.8
Fluoranthene	514, 515, 551	0816-99-1184	0.024	2100	7.8
Fluoranthene	514, 515, 551	0816-99-1185	0.022	2100	7.8
Fluoranthene	516, 551, 552	0816-99-1321	0.021	2100	7.8
Fluoranthene	516, 551, 552	0816-99-1324	0.032	2100	7.8
Fluoranthene	516, 551, 552	0816-99-1325	0.023	2100	7.8
Fluoranthene	516, 551, 552	0816-99-1326	0.044	2100	7.8
Fluoranthene	516, 551, 552	0816-99-1328	0.029	2100	7.8
Fluoranthene	516, 551, 552	0816-99-1329	0.048	2100	7.8
Fluoranthene	553	0816-99-1153	0.3	2100	7.8
Fluoranthene	554	0816-99-1111	0.067	2100	7.8
Fluoranthene	554	0816-99-1130	0.035	2100	7.8
Fluoranthene	554	0816-99-1156	0.084	2100	7.8
Fluoranthene	554	0816-99-1168	0.043	2100	7.8
Fluoranthene	554, 590	0816-99-1173	0.04	2100	7.8
Fluoranthene	555	0816-99-1137	0.04	2100	7.8
Fluoranthene	555	0816-99-1138	0.048	2100	7.8
Fluoranthene	555	0816-99-1140	0.04	2100	7.8
Fluoranthene	555	0816-99-1141	0.097	2100	7.8
Fluoranthene	555	0816-99-1142	0.033	2100	7.8
Fluoranthene	555	0816-99-1171	0.046	2100	7.8
Fluoranthene	557, 593	0816-99-1177	0.048	2100	7.8
Fluoranthene	557, 593	0816-99-1178	0.046	2100	7.8
Fluoranthene	557, 593	0816-99-1179	0.089	2100	7.8
Fluoranthene	558, 486	0816-99-1147	0.049	2100	7.8
Fluoranthene	558, 486	0816-99-1148	1.6	2100	7.8
Fluoranthene	558, 486	0816-99-1149	0.047	2100	7.8
Fluoranthene	591,592,593,557	0816-99-1337	0.16	2100	7.8
Fluorene	407	0816-99-1020	0.021	1500	8.7
Fluorene	443	0816-99-1021	0.023	1500	8.7
Fluorene	514, 515, 551	0816-99-1182	0.094	1500	8.7
Fluorene	558, 486	0816-99-1148	0.16	1500	8.7
Heptachlor Epoxide	552, 553, 589, 590, 558, 559	0816-99-1364	0.028	0.019	N/A
Heptachlor Epoxide	552, 553, 589, 590, 626, 373	0816-99-1364	0.028	0.019	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	452, 453, 488, 489	0816-00-1014	0.00023	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	453, 454	0816-00-1019	0.00022	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	488, 489, 490	0816-00-1010	0.00017	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	523, 559	0816-99-1344	0.0001	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	516, 551, 552	0816-99-1321	0.0002	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	516, 551, 552	0816-99-1328	0.00003	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	522, 558	0816-99-1358	0.0001	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	554, 590	0816-99-1173	0.00011	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	555	0816-99-1171	0.00009	N/A	N/A

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	557, 593	0816-99-1179	0.00014	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00021	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.00013	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-99-1441	0.00012	N/A	N/A
Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.00012	N/A	N/A
Heptachlorodibenzodioxins (Total)	452, 453, 488, 489	0816-00-1014	0.00059	N/A	N/A
Heptachlorodibenzodioxins (Total)	453, 454	0816-00-1019	0.00051	N/A	N/A
Heptachlorodibenzodioxins (Total)	488, 489, 490	0816-00-1010	0.00038	N/A	N/A
Heptachlorodibenzodioxins (Total)	523, 559	0816-99-1344	0.00021	N/A	N/A
Heptachlorodibenzodioxins (Total)	516, 551, 552	0816-99-1321	0.00041	N/A	N/A
Heptachlorodibenzodioxins (Total)	516, 551, 552	0816-99-1328	0.00009	N/A	N/A
Heptachlorodibenzodioxins (Total)	522, 558	0816-99-1358	0.00022	N/A	N/A
Heptachlorodibenzodioxins (Total)	554	0816-99-1155	0.00018	N/A	N/A
Heptachlorodibenzodioxins (Total)	554, 590	0816-99-1173	0.00027	N/A	N/A
Heptachlorodibenzodioxins (Total)	555	0816-99-1171	0.00017	N/A	N/A
Heptachlorodibenzodioxins (Total)	557, 593	0816-99-1179	0.00031	N/A	N/A
Heptachlorodibenzodioxins (Total)	591, 592, 593, 557	0816-99-1337	0.00009	N/A	N/A
Heptachlorodibenzodioxins (Total)	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00048	N/A	N/A
Heptachlorodibenzodioxins (Total)	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.00028	N/A	N/A
Heptachlorodibenzodioxins (Total)	624, 625, 626, 660, 661, 662, 663	0816-99-1441	0.00012	N/A	N/A
Heptachlorodibenzodioxins (Total)	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.00032	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	452, 453, 488, 489	0816-00-1014	0.00032	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	453, 454	0816-00-1019	0.00021	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	488, 489, 490	0816-00-1010	0.00023	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	523, 559	0816-99-1344	0.00011	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	516, 551, 552	0816-99-1321	0.00011	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	516, 551, 552	0816-99-1328	0.00005	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	522, 558	0816-99-1358	0.00007	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	557, 593	0816-99-1179	0.0001	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00031	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.00014	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-99-1441	0.00012	N/A	N/A
Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.00013	N/A	N/A
Heptachlorodibenzofurans (Total)	452, 453, 488, 489	0816-00-1014	0.0004	N/A	N/A
Heptachlorodibenzofurans (Total)	453, 454	0816-00-1019	0.00029	N/A	N/A
Heptachlorodibenzofurans (Total)	488, 489, 490	0816-00-1010	0.00036	N/A	N/A
Heptachlorodibenzofurans (Total)	523, 559	0816-99-1344	0.00015	N/A	N/A
Heptachlorodibenzofurans (Total)	516, 551, 552	0816-99-1321	0.00018	N/A	N/A
Heptachlorodibenzofurans (Total)	516, 551, 552	0816-99-1328	0.00005	N/A	N/A
Heptachlorodibenzofurans (Total)	522, 558	0816-99-1358	0.0001	N/A	N/A
Heptachlorodibenzofurans (Total)	557, 593	0816-99-1179	0.0001	N/A	N/A
Heptachlorodibenzofurans (Total)	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00031	N/A	N/A
Heptachlorodibenzofurans (Total)	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.00014	N/A	N/A
Heptachlorodibenzofurans (Total)	624, 625, 626, 660, 661, 662, 663	0816-99-1441	0.00012	N/A	N/A
Heptachlorodibenzofurans (Total)	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.00013	N/A	N/A
Heptadecane	555	0816-99-1140	0.241	N/A	N/A
Heptadecane	555	0816-99-1141	0.307	N/A	N/A
Hexachlorodibenzodioxins (Total)	452, 453, 488, 489	0816-00-1014	0.00032	N/A	N/A
Hexachlorodibenzodioxins (Total)	453, 454	0816-00-1019	0.00016	N/A	N/A
Hexachlorodibenzodioxins (Total)	488, 489, 490	0816-00-1010	0.00044	N/A	N/A
Hexachlorodibenzodioxins (Total)	523, 559	0816-99-1344	0.00005	N/A	N/A
Hexachlorodibenzodioxins (Total)	522, 558	0816-99-1358	0.00008	N/A	N/A
Hexachlorodibenzodioxins (Total)	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00037	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	452, 453, 488, 489	0816-00-1014	0.00018	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	452, 453, 488, 489	0816-00-1014	0.00006	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	452, 453, 488, 489	0816-00-1014	0.00008	N/A	N/A

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Hexachlorodibenzofuran[1,2,3,4,7,8-]	453, 454	0816-00-1019	0.0001	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	453, 454	0816-00-1019	0.00002	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	488, 489, 490	0816-00-1010	0.00003	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	488, 489, 490	0816-00-1010	0.00005	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	523, 559	0816-99-1344	0.00004	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	522, 558	0816-99-1358	0.00003	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	522, 558	0816-99-1358	0.00001	N/A	N/A
Hexachlorodibenzofuran[1,2,3,4,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00023	N/A	N/A
Hexachlorodibenzofuran[1,2,3,6,7,8-]	523, 559	0816-99-1344	0.00002	N/A	N/A
Hexachlorodibenzofuran[1,2,3,6,7,8-]	522, 558	0816-99-1358	0.00001	N/A	N/A
Hexachlorodibenzofurans (Total)	452, 453, 488, 489	0816-00-1014	0.00054	N/A	N/A
Hexachlorodibenzofurans (Total)	453, 454	0816-00-1019	0.00026	N/A	N/A
Hexachlorodibenzofurans (Total)	488, 489, 490	0816-00-1010	0.00029	N/A	N/A
Hexachlorodibenzofurans (Total)	523, 559	0816-99-1344	0.00006	N/A	N/A
Hexachlorodibenzofurans (Total)	522, 558	0816-99-1358	0.00011	N/A	N/A
Hexachlorodibenzofurans (Total)	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00023	N/A	N/A
Hexachloroethane	557, 593	0816-99-1172	0.39	12	N/A
Hexadecanoic Acid	442,443	0816-99-1023	0.29	N/A	N/A
Hexadecanoic Acid	478,480	0816-99-1064	0.5	N/A	N/A
Hexadecanoic Acid	479	0816-99-1027	0.28	N/A	N/A
Hexadecanoic Acid	515	0816-99-1077	0.201	N/A	N/A
Hexadecanoic Acid	554	0816-99-1155	0.2	N/A	N/A
Hexadecanoic Acid	558, 486	0816-99-1147	30.6	N/A	N/A
Hexadecanoic Acid	624, 625, 626, 660, 661, 662, 663	0816-99-1430	0.2	N/A	N/A
Hexadecanoic Acid	624, 625, 626, 660, 661, 662, 663	0816-99-1431	0.2	N/A	N/A
Hexamethylcyclotrisiloxane	553	0816-99-1153	0.0066	N/A	N/A
HMX	407	0816-99-1016	3.1	3100	0.3
HMX	442,443	0816-99-1023	1.8	3100	0.3
HMX	452, 453, 488, 489	0816-00-1014	300	3100	0.3
HMX	452, 453, 488, 489	0816-00-1016	540	3100	0.3
HMX	453, 454	0816-00-1017	620	3100	0.3
HMX	453, 454	0816-00-1018	510	3100	0.3
HMX	453, 454	0816-00-1019	440	3100	0.3
HMX	443	0816-99-1046	0.59	3100	0.3
HMX	443	0816-99-1047	0.27	3100	0.3
HMX	443	0816-99-1048	0.35	3100	0.3
HMX	443	0816-99-1052	0.32	3100	0.3
HMX	443, 479	0816-99-1055	0.39	3100	0.3
HMX	450, 451	0816-00-1020	440	3100	0.3
HMX	450, 451	0816-00-1021	380	3100	0.3
HMX	478	0816-99-1053	0.55	3100	0.3
HMX	478, 479	0816-99-1096	1.2	3100	0.3
HMX	478, 480	0816-99-1060	0.33	3100	0.3
HMX	478, 480	0816-99-1064	0.31	3100	0.3
HMX	478, 480	0816-99-1069	0.41	3100	0.3
HMX	487, 488	0816-00-1012	320	3100	0.3
HMX	487, 488	0816-00-1013	260	3100	0.3
HMX	488, 489, 490	0816-00-1005	300	3100	0.3
HMX	488, 489, 490	0816-00-1006	410	3100	0.3
HMX	488, 489, 490	0816-00-1007	520	3100	0.3
HMX	488, 489, 490	0816-00-1010	280	3100	0.3
HMX	488, 489, 490	0816-00-1011	220	3100	0.3
HMX	479	0816-99-1059	0.52	3100	0.3
HMX	479	0816-99-1071	0.53	3100	0.3
HMX	479	0816-99-1089	1.1	3100	0.3
HMX	479, 515, 516	0816-99-1338	4.4	3100	0.3

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
HMX	480	0816-99-1054	0.78	3100	0.3
HMX	480, 516	0816-99-1090	0.62	3100	0.3
HMX	480, 516	0816-99-1091	0.66	3100	0.3
HMX	480, 516	0816-99-1092	0.45	3100	0.3
HMX	480, 516	0816-99-1133	19	3100	0.3
HMX	480, 516	0816-99-1134	23	3100	0.3
HMX	480, 516	0816-99-1135	29	3100	0.3
HMX	514	0816-99-1150	38	3100	0.3
HMX	514, 515, 551	0816-99-1182	5.1	3100	0.3
HMX	514, 515, 551	0816-99-1183	6.3	3100	0.3
HMX	514, 515, 551	0816-99-1184	4.3	3100	0.3
HMX	514, 515, 551	0816-99-1185	6.5	3100	0.3
HMX	514, 515, 551	0816-99-1323	17	3100	0.3
HMX	514, 515, 551, 557, 558	0816-99-1320	1.6	3100	0.3
HMX	514,515	0816-99-1076	0.63	3100	0.3
HMX	514, 515, 516, 550, 551, 552	0816-99-1331	5.4	3100	0.3
HMX	523, 559	0816-99-1343	130	3100	0.3
HMX	523, 559	0816-99-1344	120	3100	0.3
HMX	523, 559	0816-99-1355	86	3100	0.3
HMX	523, 559	0816-99-1356	74	3100	0.3
HMX	523, 486, 487, 591, 592, 593	0816-99-1342	110	3100	0.3
HMX	515	0816-99-1077	0.48	3100	0.3
HMX	515	0816-99-1081	0.41	3100	0.3
HMX	515, 516	0816-99-1084	0.62	3100	0.3
HMX	515,516	0816-99-1075	0.33	3100	0.3
HMX	515,516	0816-99-1088	0.65	3100	0.3
HMX	516	0816-99-1082	0.45	3100	0.3
HMX	516	0816-99-1083	0.56	3100	0.3
HMX	516, 551, 552	0816-99-1321	4.9	3100	0.3
HMX	516, 551, 552	0816-99-1322	3.4	3100	0.3
HMX	516, 551, 552	0816-99-1324	2.6	3100	0.3
HMX	516, 551, 552	0816-99-1325	3.5	3100	0.3
HMX	516, 551, 552	0816-99-1326	4.1	3100	0.3
HMX	516, 551, 552	0816-99-1328	4.4	3100	0.3
HMX	516, 551, 552	0816-99-1329	2.7	3100	0.3
HMX	516, 551, 552	0816-99-1330	2.3	3100	0.3
HMX	518,517	0816-99-1068	0.14	3100	0.3
HMX	518,517	0816-99-1070	0.25	3100	0.3
HMX	518,517	0816-99-1072	0.26	3100	0.3
HMX	522, 558	0816-99-1357	32	3100	0.3
HMX	522, 558	0816-99-1358	75	3100	0.3
HMX	550, 551, 552, 588, 626, 373	0816-99-1361	6	3100	0.3
HMX	550, 551, 552, 588, 626, 373	0816-99-1362	8	3100	0.3
HMX	552,553	0816-99-1097	1.1	3100	0.3
HMX	552, 553, 589, 590	0816-99-1360	9.5	3100	0.3
HMX	552, 553, 589, 590, 626, 373	0816-99-1363	38	3100	0.3
HMX	553	0816-99-1100	1.6	3100	0.3
HMX	553	0816-99-1101	5.3	3100	0.3
HMX	553	0816-99-1102	1.8	3100	0.3
HMX	553	0816-99-1152	36	3100	0.3
HMX	553	0816-99-1153	47	3100	0.3
HMX	553	0816-99-1154	9.4	3100	0.3
HMX	553, 554	0816-99-1104	1.8	3100	0.3
HMX	553, 554	0816-99-1105	1.1	3100	0.3
HMX	554	0816-99-1103	2.3	3100	0.3
HMX	554	0816-99-1111	39	3100	0.3

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
HMX	554	0816-99-1112	37	3100	0.3
HMX	554	0816-99-1113	77	3100	0.3
HMX	554	0816-99-1114	100	3100	0.3
HMX	554	0816-99-1115	130	3100	0.3
HMX	554	0816-99-1116	190	3100	0.3
HMX	554	0816-99-1117	150	3100	0.3
HMX	554	0816-99-1118	160	3100	0.3
HMX	554	0816-99-1119	130	3100	0.3
HMX	554	0816-99-1122	120	3100	0.3
HMX	554	0816-99-1123	130	3100	0.3
HMX	554	0816-99-1124	19	3100	0.3
HMX	554	0816-99-1125	57	3100	0.3
HMX	554	0816-99-1126	85	3100	0.3
HMX	554	0816-99-1127	130	3100	0.3
HMX	554	0816-99-1128	1000	3100	0.3
HMX	554	0816-99-1129	96	3100	0.3
HMX	554	0816-99-1130	12	3100	0.3
HMX	554	0816-99-1155	8.4	3100	0.3
HMX	554	0816-99-1156	70	3100	0.3
HMX	554	0816-99-1168	8.5	3100	0.3
HMX	554, 555	0816-99-1107	4.9	3100	0.3
HMX	554, 555, 590	0816-99-1169	60	3100	0.3
HMX	554, 590	0816-99-1173	6.4	3100	0.3
HMX	555	0816-99-1099	1.2	3100	0.3
HMX	555	0816-99-1137	51	3100	0.3
HMX	555	0816-99-1138	27	3100	0.3
HMX	555	0816-99-1139	25	3100	0.3
HMX	555	0816-99-1140	27	3100	0.3
HMX	555	0816-99-1141	29	3100	0.3
HMX	555	0816-99-1142	22	3100	0.3
HMX	555	0816-99-1170	9.9	3100	0.3
HMX	555	0816-99-1171	9.8	3100	0.3
HMX	557, 593	0816-99-1172	9.8	3100	0.3
HMX	557, 593	0816-99-1177	11	3100	0.3
HMX	557, 593	0816-99-1178	8.7	3100	0.3
HMX	557, 593	0816-99-1179	6.2	3100	0.3
HMX	558, 486	0816-99-1147	110	3100	0.3
HMX	558, 486	0816-99-1148	24	3100	0.3
HMX	558, 486	0816-99-1149	110	3100	0.3
HMX	588, 589, 624, 625	0816-99-1405	14	3100	0.3
HMX	588, 589, 624, 625	0816-99-1407	16	3100	0.3
HMX	588, 589, 624, 625	0816-99-1408	25	3100	0.3
HMX	588, 589, 624, 625	0816-99-1409	13	3100	0.3
HMX	591, 592, 593	0816-99-1340	9.1	3100	0.3
HMX	591, 592, 593, 557	0816-99-1333	8.3	3100	0.3
HMX	591, 592, 593, 557	0816-99-1337	5.1	3100	0.3
HMX	591, 592, 593, 627, 628, 629	0816-99-1394	14	3100	0.3
HMX	591, 592, 593, 627, 628, 629	0816-99-1395	12	3100	0.3
HMX	591, 592, 593, 627, 628, 629	0816-99-1396	9.6	3100	0.3
HMX	591, 592, 593, 627, 628, 629	0816-99-1397	21	3100	0.3
HMX	591, 592, 593, 627, 628, 629	0816-99-1398	33	3100	0.3
HMX	592, 593, 628, 629	0816-99-1399	70	3100	0.3
HMX	592, 593, 628, 629	0816-99-1400	29	3100	0.3
HMX	592, 593, 628, 629	0816-99-1401	19	3100	0.3
HMX	592, 593, 628, 629	0816-99-1403	2.5	3100	0.3
HMX	592, 593, 628, 629	0816-99-1404	13	3100	0.3

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
HMX	623, 624, 625, 626	0816-99-1421	20	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-00-1000	12	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-00-1001	88	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-00-1002	140	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1428	4.8	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1430	3.1	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1431	6.3	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1432	5.2	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1433	2.8	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1437	2	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1438	2.3	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1439	3.2	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1441	2.7	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1442	32	3100	0.3
HMX	624, 625, 626, 660, 661, 662, 663	0816-99-1443	8.4	3100	0.3
Indeno(1,2,3-cd)pyrene	407	0816-99-1020	0.033	0.2	3.6
Indeno(1,2,3-cd)pyrene	443	0816-99-1021	0.039	0.2	3.6
Indeno(1,2,3-cd)pyrene	514, 515, 551	0816-99-1182	0.12	0.2	3.6
Indeno(1,2,3-cd)pyrene	514, 515, 551	0816-99-1183	0.027	0.2	3.6
Indeno(1,2,3-cd)pyrene	514, 515, 551	0816-99-1184	0.033	0.2	3.6
Indeno(1,2,3-cd)pyrene	514, 515, 551	0816-99-1185	0.047	0.2	3.6
Indeno(1,2,3-cd)pyrene	558, 486	0816-99-1148	0.44	0.2	3.6
Indeno(1,2,3-cd)pyrene	591, 592, 593, 557	0816-99-1337	0.099	0.2	3.6
Isobutane	478, 480	0816-99-1060	0.0065	N/A	N/A
Isobutane	478, 480	0816-99-1064	0.051	N/A	N/A
Isobutane	478, 480	0816-99-1069	0.054	N/A	N/A
Isobutane	479	0816-99-1071	0.048	N/A	N/A
Isobutane	518, 517	0816-99-1068	0.042	N/A	N/A
Isobutane	518, 517	0816-99-1070	0.033	N/A	N/A
Isobutane	518, 517	0816-99-1072	0.049	N/A	N/A
Isopentane	478, 480	0816-99-1060	0.0094	N/A	N/A
Isopentane	478, 480	0816-99-1064	0.036	N/A	N/A
Isopentane	478, 480	0816-99-1069	0.042	N/A	N/A
Isopentane	479	0816-99-1071	0.033	N/A	N/A
Isopentane	518, 517	0816-99-1068	0.029	N/A	N/A
Isopentane	518, 517	0816-99-1070	0.021	N/A	N/A
Isopentane	518, 517	0816-99-1072	0.035	N/A	N/A
Isopropyltoluene[4-]	591, 592, 593, 627, 628, 629	0816-99-1398	0.0038	N/A	N/A
Longifolene[(+)-]	555	0816-99-1138	0.425	N/A	N/A
Methyl Acetate	624, 625, 626, 660, 661, 662, 663	0816-99-1428	0.007	8700	N/A
Methyl Acetate	624, 625, 626, 660, 661, 662, 663	0816-99-1431	0.02	8700	N/A
Methyl Acetate	624, 625, 626, 660, 661, 662, 663	0816-99-1433	0.006	8700	N/A
Methyl-2-pentanone[4-]	452, 453, 488, 489	0816-00-1014	0.002	280	N/A
Methylene Chloride	371,372	0816-99-1369	0.0044	1.9	1.98
Methylene Chloride	371,372	0816-99-1374	0.0047	1.9	1.98
Methylene Chloride	452, 453, 488, 489	0816-00-1014	0.024	1.9	1.98
Methylene Chloride	452, 453, 488, 489	0816-00-1016	0.028	1.9	1.98
Methylene Chloride	453, 454	0816-00-1017	0.031	1.9	1.98
Methylene Chloride	453, 454	0816-00-1017	0.029	1.9	1.98
Methylene Chloride	487, 488	0816-00-1012	0.023	1.9	1.98
Methylene Chloride	487, 488	0816-00-1013	0.019	1.9	1.98
Methylene Chloride	487, 488	0816-00-1013	0.006	1.9	1.98
Methylene Chloride	479	0816-99-1034	0.0025	1.9	1.98
Methylene Chloride	479	0816-99-1035	0.0027	1.9	1.98
Methylene Chloride	479	0816-99-1036	0.0024	1.9	1.98
Methylene Chloride	479	0816-99-1059	0.0027	1.9	1.98

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Methylene Chloride	514, 515, 551, 557, 558	0816-99-1320	0.009	1.9	1.98
Methylene Chloride	515	0816-99-1081	0.0026	1.9	1.98
Methylene Chloride	516, 551, 552	0816-99-1321	0.013	1.9	1.98
Methylene Chloride	552, 553	0816-99-1097	0.0052	1.9	1.98
Methylene Chloride	552, 553, 589, 590, 626, 373	0816-99-1369	0.0044	1.9	1.98
Methylene Chloride	553	0816-99-1100	0.0027	1.9	1.98
Methylene Chloride	553	0816-99-1101	0.0027	1.9	1.98
Methylene Chloride	591, 592, 593, 627, 628, 629	0816-99-1394	0.0023	1.9	1.98
Methylene Chloride	591, 592, 593, 627, 628, 629	0816-99-1395	0.0022	1.9	1.98
Methylene Chloride	591, 592, 593, 627, 628, 629	0816-99-1396	0.0023	1.9	1.98
Methylene Chloride	591, 592, 593, 627, 628, 629	0816-99-1398	0.0032	1.9	1.98
Methylene Chloride	624, 625, 626, 660, 661, 662, 663	0816-99-1426	0.012	1.9	1.98
Methylene Chloride	624, 625, 626, 660, 661, 662, 663	0816-99-1427	0.014	1.9	1.98
Methylene Chloride	624, 625, 626, 660, 661, 662, 663	0816-99-1428	0.011	1.9	1.98
Methylphenol[2-]	557, 593	0816-99-1172	0.39	3100	N/A
Methylphenol[4-]	557, 593	0816-99-1172	0.39	310	N/A
Myristic acid	558, 486	0816-99-1147	0.316	N/A	N/A
Naphthalene	407	0816-99-1020	0.022	19	0.06
Naphthalene	443	0816-99-1021	0.025	19	0.06
Naphthalene	558, 486	0816-99-1148	0.24	19	0.06
Nitrobenzene	557, 593	0816-99-1172	0.39	9.1	4.2
Nitrosodimethylamine[N-]	557, 593	0816-99-1172	0.39	0.025	N/A
Nitroso-di-n-propylamine[N-]	557, 593	0816-99-1172	0.39	0.0034	N/A
Nitrotoluene[2-]	514	0816-99-1150	0.027	N/A	1.5
Nitrotoluene[2-]	555	0816-99-1140	3.02	N/A	1.5
Nitrotoluene[2-]	555	0816-99-1140	0.26	N/A	1.5
Nitrotoluene[2-]	558, 486	0816-99-1149	0.418	N/A	1.5
Nonadecane	518, 517	0816-99-1070	0.182	N/A	N/A
Nonadecane	555	0816-99-1171	0.319	N/A	N/A
Octachlorodibenzodioxin	452, 453, 488, 489	0816-00-1014	0.00067	N/A	N/A
Octachlorodibenzodioxin	453, 454	0816-00-1019	0.00071	N/A	N/A
Octachlorodibenzodioxin	488, 489, 490	0816-00-1010	0.00042	N/A	N/A
Octachlorodibenzodioxin	479, 515, 516	0816-99-1338	0.00024	N/A	N/A
Octachlorodibenzodioxin	523, 559	0816-99-1344	0.00039	N/A	N/A
Octachlorodibenzodioxin	516, 551, 552	0816-99-1321	0.00049	N/A	N/A
Octachlorodibenzodioxin	516, 551, 552	0816-99-1324	0.00033	N/A	N/A
Octachlorodibenzodioxin	516, 551, 552	0816-99-1328	0.0002	N/A	N/A
Octachlorodibenzodioxin	522, 558	0816-99-1358	0.00038	N/A	N/A
Octachlorodibenzodioxin	554	0816-99-1155	0.00052	N/A	N/A
Octachlorodibenzodioxin	554, 590	0816-99-1173	0.00059	N/A	N/A
Octachlorodibenzodioxin	555	0816-99-1138	0.00053	N/A	N/A
Octachlorodibenzodioxin	555	0816-99-1142	0.00043	N/A	N/A
Octachlorodibenzodioxin	555	0816-99-1171	0.00029	N/A	N/A
Octachlorodibenzodioxin	557, 593	0816-99-1179	0.00054	N/A	N/A
Octachlorodibenzodioxin	588, 589, 624, 625	0816-99-1409	0.0002	N/A	N/A
Octachlorodibenzodioxin	591, 592, 593, 557	0816-99-1337	0.00027	N/A	N/A
Octachlorodibenzodioxin	591, 592, 593, 627, 628, 629	0816-99-1394	0.00022	N/A	N/A
Octachlorodibenzodioxin	592, 593, 628, 629	0816-99-1403	0.0001	N/A	N/A
Octachlorodibenzodioxin	592, 593, 628, 629	0816-99-1404	0.0002	N/A	N/A
Octachlorodibenzodioxin	623, 624, 625, 626	0816-99-1421	0.00098	N/A	N/A
Octachlorodibenzodioxin	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00056	N/A	N/A
Octachlorodibenzodioxin	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.00062	N/A	N/A
Octachlorodibenzodioxin	624, 625, 626, 660, 661, 662, 663	0816-99-1441	0.00039	N/A	N/A
Octachlorodibenzodioxin	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.00046	N/A	N/A
Octachlorodibenzofuran	452, 453, 488, 489	0816-00-1014	0.00015	N/A	N/A
Octachlorodibenzofuran	453, 454	0816-00-1019	0.00018	N/A	N/A

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Octachlorodibenzofuran	488, 489, 490	0816-00-1010	0.00015	N/A	N/A
Octachlorodibenzofuran	523, 559	0816-99-1344	0.00008	N/A	N/A
Octachlorodibenzofuran	516, 551, 552	0816-99-1328	0.00006	N/A	N/A
Octachlorodibenzofuran	522, 558	0816-99-1358	0.00006	N/A	N/A
Octachlorodibenzofuran	555	0816-99-1171	0.00006	N/A	N/A
Octachlorodibenzofuran	557, 593	0816-99-1179	0.00009	N/A	N/A
Octachlorodibenzofuran	623, 624, 625, 626	0816-99-1421	0.00026	N/A	N/A
Octachlorodibenzofuran	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00031	N/A	N/A
Octachlorodibenzofuran	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.00027	N/A	N/A
Octachlorodibenzofuran	624, 625, 626, 660, 661, 662, 663	0816-99-1441	0.00015	N/A	N/A
Octachlorodibenzofuran	624, 625, 626, 660, 661, 662, 663	0816-99-1442	0.00018	N/A	N/A
Octacosane	518, 517	0816-99-1072	0.241	N/A	N/A
Octadecane[n-]	553	0816-99-1152	0.223	N/A	N/A
Octadecane[n-]	555	0816-99-1137	0.181	N/A	N/A
Octadecane[n-]	555	0816-99-1138	0.302	N/A	N/A
Octadecanoic acid	558, 486	0816-99-1147	31	N/A	N/A
Octadecanol[1-]	518, 517	0816-99-1070	0.635	N/A	N/A
Pentachlorodibenzodioxins (Total)	488, 489, 490	0816-00-1010	0.00017	N/A	N/A
Pentachlorodibenzofuran[2,3,4,7,8-]	452, 453, 488, 489	0816-00-1014	0.00005	N/A	N/A
Pentachlorodibenzofuran[2,3,4,7,8-]	488, 489, 490	0816-00-1010	0.00003	N/A	N/A
Pentachlorodibenzofurans (Total)	452, 453, 488, 489	0816-00-1014	0.00049	N/A	N/A
Pentachlorodibenzofurans (Total)	453, 454	0816-00-1019	0.00021	N/A	N/A
Pentachlorodibenzofurans (Total)	488, 489, 490	0816-00-1010	0.00035	N/A	N/A
Pentacosane	555	0816-99-1171	0.282	N/A	N/A
PETN	452, 453, 488, 489	0816-00-1014	6	N/A	4200
PETN	480, 516	0816-99-1133	0.21	N/A	4200
PETN	480, 516	0816-99-1135	0.26	N/A	4200
PETN	514	0816-99-1150	0.4	N/A	4200
PETN	553	0816-99-1152	0.49	N/A	4200
PETN	553	0816-99-1154	0.29	N/A	4200
PETN	554	0816-99-1112	0.88	N/A	4200
PETN	554	0816-99-1113	0.54	N/A	4200
PETN	554	0816-99-1114	1.2	N/A	4200
PETN	554	0816-99-1115	0.53	N/A	4200
PETN	554	0816-99-1116	1.1	N/A	4200
PETN	554	0816-99-1117	0.53	N/A	4200
PETN	554	0816-99-1118	0.91	N/A	4200
PETN	554	0816-99-1119	1.1	N/A	4200
PETN	554	0816-99-1122	1	N/A	4200
PETN	554	0816-99-1123	0.68	N/A	4200
PETN	554	0816-99-1124	0.75	N/A	4200
PETN	554	0816-99-1125	0.43	N/A	4200
PETN	554	0816-99-1126	0.41	N/A	4200
PETN	554	0816-99-1127	0.46	N/A	4200
PETN	554	0816-99-1129	0.17	N/A	4200
PETN	554	0816-99-1156	0.35	N/A	4200
PETN	558, 486	0816-99-1148	0.22	N/A	4200
PETN	558, 486	0816-99-1149	1.4	N/A	4200
Phenanthrene	407	0816-99-1016	0.059	N/A	33
Phenanthrene	407	0816-99-1020	0.13	N/A	33
Phenanthrene	443	0816-99-1021	0.14	N/A	33
Phenanthrene	443	0816-99-1022	0.034	N/A	33
Phenanthrene	479	0816-99-1089	0.22	N/A	33
Phenanthrene	514, 515, 551	0816-99-1182	0.86	N/A	33
Phenanthrene	514, 515, 551	0816-99-1183	0.077	N/A	33
Phenanthrene	516, 551, 552	0816-99-1326	0.02	N/A	33

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Phenanthrene	554	0816-99-1111	0.064	N/A	33
Phenanthrene	555	0816-99-1141	0.07	N/A	33
Phenanthrene	558, 486	0816-99-1148	1.7	N/A	33
Phenanthrene	591,592,593,557	0816-99-1337	0.18	N/A	33
Phenol	557, 593	0816-99-1172	0.39	10000	2.37
Pyrene	407	0816-99-1016	0.065	1500	4.5
Pyrene	407	0816-99-1020	0.11	1500	4.5
Pyrene	443	0816-99-1021	0.13	1500	4.5
Pyrene	443	0816-99-1022	0.037	1500	4.5
Pyrene	479	0816-99-1089	0.21	1500	4.5
Pyrene	480, 516	0816-99-1091	0.035	1500	4.5
Pyrene	480, 516	0816-99-1133	0.085	1500	4.5
Pyrene	480, 516	0816-99-1135	0.067	1500	4.5
Pyrene	514	0816-99-1150	0.045	1500	4.5
Pyrene	514, 515, 551	0816-99-1182	0.77	1500	4.5
Pyrene	514, 515, 551	0816-99-1183	0.08	1500	4.5
Pyrene	514, 515, 551	0816-99-1184	0.027	1500	4.5
Pyrene	514, 515, 551	0816-99-1185	0.024	1500	4.5
Pyrene	516, 551, 552	0816-99-1321	0.024	1500	4.5
Pyrene	516, 551, 552	0816-99-1322	0.022	1500	4.5
Pyrene	516, 551, 552	0816-99-1324	0.034	1500	4.5
Pyrene	516, 551, 552	0816-99-1325	0.03	1500	4.5
Pyrene	516, 551, 552	0816-99-1326	0.042	1500	4.5
Pyrene	516, 551, 552	0816-99-1328	0.025	1500	4.5
Pyrene	516, 551, 552	0816-99-1329	0.042	1500	4.5
Pyrene	553	0816-99-1153	0.25	1500	4.5
Pyrene	554	0816-99-1111	0.072	1500	4.5
Pyrene	554	0816-99-1118	0.2	1500	4.5
Pyrene	554	0816-99-1130	0.038	1500	4.5
Pyrene	554	0816-99-1156	0.062	1500	4.5
Pyrene	554	0816-99-1168	0.041	1500	4.5
Pyrene	554, 590	0816-99-1173	0.076	1500	4.5
Pyrene	555	0816-99-1137	0.057	1500	4.5
Pyrene	555	0816-99-1139	0.038	1500	4.5
Pyrene	555	0816-99-1140	0.048	1500	4.5
Pyrene	555	0816-99-1141	0.11	1500	4.5
Pyrene	555	0816-99-1142	0.049	1500	4.5
Pyrene	555	0816-99-1171	0.046	1500	4.5
Pyrene	557, 593	0816-99-1177	0.055	1500	4.5
Pyrene	557, 593	0816-99-1178	0.053	1500	4.5
Pyrene	557, 593	0816-99-1179	0.079	1500	4.5
Pyrene	558, 486	0816-99-1147	0.061	1500	4.5
Pyrene	558, 486	0816-99-1148	2.7	1500	4.5
Pyrene	558, 486	0816-99-1149	0.09	1500	4.5
Pyrene	591, 592, 593, 557	0816-99-1337	0.17	1500	4.5
RDX	442,443	0816-99-1023	0.38	1.6	1.53
RDX	452, 453, 488, 489	0816-00-1014	260	1.6	1.53
RDX	452, 453, 488, 489	0816-00-1016	350	1.6	1.53
RDX	453, 454	0816-00-1017	460	1.6	1.53
RDX	453, 454	0816-00-1018	390	1.6	1.53
RDX	453, 454	0816-00-1019	380	1.6	1.53
RDX	443	0816-99-1046	0.29	1.6	1.53
RDX	443	0816-99-1047	0.3	1.6	1.53
RDX	443	0816-99-1052	0.51	1.6	1.53
RDX	443, 479	0816-99-1055	0.36	1.6	1.53
RDX	443, 479	0816-99-1058	0.27	1.6	1.53

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
RDX	450, 451	0816-00-1020	270	1.6	1.53
RDX	450, 451	0816-00-1021	240	1.6	1.53
RDX	478, 479	0816-99-1096	0.65	1.6	1.53
RDX	478,480	0816-99-1064	0.17	1.6	1.53
RDX	478,480	0816-99-1069	0.24	1.6	1.53
RDX	487, 488	0816-00-1012	110	1.6	1.53
RDX	487, 488	0816-00-1013	140	1.6	1.53
RDX	488, 489, 490	0816-00-1005	100	1.6	1.53
RDX	488, 489, 490	0816-00-1006	150	1.6	1.53
RDX	488, 489, 490	0816-00-1007	300	1.6	1.53
RDX	488, 489, 490	0816-00-1010	170	1.6	1.53
RDX	488, 489, 490	0816-00-1011	160	1.6	1.53
RDX	479	0816-99-1031	1.6	1.6	1.53
RDX	479	0816-99-1035	0.74	1.6	1.53
RDX	479	0816-99-1071	0.64	1.6	1.53
RDX	479	0816-99-1089	1	1.6	1.53
RDX	479, 515, 516	0816-99-1338	18	1.6	1.53
RDX	480	0816-99-1054	0.68	1.6	1.53
RDX	480, 516	0816-99-1090	0.63	1.6	1.53
RDX	480, 516	0816-99-1091	0.6	1.6	1.53
RDX	480, 516	0816-99-1092	0.36	1.6	1.53
RDX	480, 516	0816-99-1133	150	1.6	1.53
RDX	480, 516	0816-99-1134	190	1.6	1.53
RDX	480, 516	0816-99-1135	260	1.6	1.53
RDX	514	0816-99-1150	180	1.6	1.53
RDX	514, 515, 551	0816-99-1182	24	1.6	1.53
RDX	514, 515, 551	0816-99-1183	34	1.6	1.53
RDX	514, 515, 551	0816-99-1184	21	1.6	1.53
RDX	514, 515, 551	0816-99-1185	23	1.6	1.53
RDX	514, 515, 551	0816-99-1323	75	1.6	1.53
RDX	514, 515, 551, 557, 558	0816-99-1320	5	1.6	1.53
RDX	514, 515	0816-99-1076	1.5	1.6	1.53
RDX	514, 515, 516, 550, 551, 552	0816-99-1331	61	1.6	1.53
RDX	523, 559	0816-99-1343	1100	1.6	1.53
RDX	523, 559	0816-99-1344	1000	1.6	1.53
RDX	523, 559	0816-99-1355	530	1.6	1.53
RDX	523, 559	0816-99-1356	480	1.6	1.53
RDX	523, 486, 487, 591, 592, 593	0816-99-1342	51	1.6	1.53
RDX	515	0816-99-1077	0.39	1.6	1.53
RDX	515	0816-99-1081	1	1.6	1.53
RDX	515, 516	0816-99-1084	0.91	1.6	1.53
RDX	515, 516	0816-99-1075	0.57	1.6	1.53
RDX	515, 516	0816-99-1088	0.63	1.6	1.53
RDX	516	0816-99-1082	0.67	1.6	1.53
RDX	516	0816-99-1083	1.1	1.6	1.53
RDX	516, 551, 552	0816-99-1321	20	1.6	1.53
RDX	516, 551, 552	0816-99-1322	20	1.6	1.53
RDX	516, 551, 552	0816-99-1324	15	1.6	1.53
RDX	516, 551, 552	0816-99-1325	15	1.6	1.53
RDX	516, 551, 552	0816-99-1326	21	1.6	1.53
RDX	516, 551, 552	0816-99-1328	18	1.6	1.53
RDX	516, 551, 552	0816-99-1329	14	1.6	1.53
RDX	516, 551, 552	0816-99-1330	10	1.6	1.53
RDX	518, 517	0816-99-1068	0.16	1.6	1.53
RDX	518, 517	0816-99-1070	0.11	1.6	1.53
RDX	518, 517	0816-99-1072	1.2	1.6	1.53

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
RDX	522, 558	0816-99-1357	150	1.6	1.53
RDX	522, 558	0816-99-1358	440	1.6	1.53
RDX	550, 551, 552, 588, 626, 373	0816-99-1361	40	1.6	1.53
RDX	550, 551, 552, 588, 626, 373	0816-99-1362	37	1.6	1.53
RDX	552, 553	0816-99-1097	2.8	1.6	1.53
RDX	552, 553, 589, 590	0816-99-1360	48	1.6	1.53
RDX	552, 553, 589, 590, 626, 373	0816-99-1363	250	1.6	1.53
RDX	553	0816-99-1100	1.9	1.6	1.53
RDX	553	0816-99-1101	25	1.6	1.53
RDX	553	0816-99-1102	6.6	1.6	1.53
RDX	553	0816-99-1152	230	1.6	1.53
RDX	553	0816-99-1153	800	1.6	1.53
RDX	553	0816-99-1154	110	1.6	1.53
RDX	553, 554	0816-99-1104	2.2	1.6	1.53
RDX	553, 554	0816-99-1105	5.4	1.6	1.53
RDX	554	0816-99-1103	3.3	1.6	1.53
RDX	554	0816-99-1111	230	1.6	1.53
RDX	554	0816-99-1112	380	1.6	1.53
RDX	554	0816-99-1113	720	1.6	1.53
RDX	554	0816-99-1114	860	1.6	1.53
RDX	554	0816-99-1115	880	1.6	1.53
RDX	554	0816-99-1116	1300	1.6	1.53
RDX	554	0816-99-1117	1100	1.6	1.53
RDX	554	0816-99-1118	1300	1.6	1.53
RDX	554	0816-99-1119	1100	1.6	1.53
RDX	554	0816-99-1122	1100	1.6	1.53
RDX	554	0816-99-1123	1300	1.6	1.53
RDX	554	0816-99-1124	130	1.6	1.53
RDX	554	0816-99-1125	510	1.6	1.53
RDX	554	0816-99-1126	690	1.6	1.53
RDX	554	0816-99-1127	1100	1.6	1.53
RDX	554	0816-99-1128	1800	1.6	1.53
RDX	554	0816-99-1129	680	1.6	1.53
RDX	554	0816-99-1130	78	1.6	1.53
RDX	554	0816-99-1155	43	1.6	1.53
RDX	554	0816-99-1156	410	1.6	1.53
RDX	554	0816-99-1168	58	1.6	1.53
RDX	554, 555	0816-99-1107	12	1.6	1.53
RDX	554, 555, 590	0816-99-1169	180	1.6	1.53
RDX	554, 590	0816-99-1173	36	1.6	1.53
RDX	554, 555, 556, 590, 591,592	0816-99-1332	17	1.6	1.53
RDX	555	0816-99-1099	6.3	1.6	1.53
RDX	555	0816-99-1137	380	1.6	1.53
RDX	555	0816-99-1138	240	1.6	1.53
RDX	555	0816-99-1139	220	1.6	1.53
RDX	555	0816-99-1140	150	1.6	1.53
RDX	555	0816-99-1141	160	1.6	1.53
RDX	555	0816-99-1142	170	1.6	1.53
RDX	555	0816-99-1170	39	1.6	1.53
RDX	555	0816-99-1171	27	1.6	1.53
RDX	557, 593	0816-99-1172	80	1.6	1.53
RDX	557, 593	0816-99-1177	35	1.6	1.53
RDX	557, 593	0816-99-1178	19	1.6	1.53
RDX	557, 593	0816-99-1179	27	1.6	1.53
RDX	558, 486	0816-99-1147	810	1.6	1.53
RDX	558, 486	0816-99-1148	160	1.6	1.53

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
RDX	558, 486	0816-99-1149	830	1.6	1.53
RDX	588, 589, 624, 625	0816-99-1405	110	1.6	1.53
RDX	588, 589, 624, 625	0816-99-1407	150	1.6	1.53
RDX	588, 589, 624, 625	0816-99-1408	75	1.6	1.53
RDX	588, 589, 624, 625	0816-99-1409	31	1.6	1.53
RDX	591, 592, 593	0816-99-1340	38	1.6	1.53
RDX	591, 592, 593, 557	0816-99-1333	32	1.6	1.53
RDX	591, 592, 593, 557	0816-99-1337	39	1.6	1.53
RDX	591, 592, 593, 627, 628, 629	0816-99-1394	75	1.6	1.53
RDX	591, 592, 593, 627, 628, 629	0816-99-1395	170	1.6	1.53
RDX	591, 592, 593, 627, 628, 629	0816-99-1396	50	1.6	1.53
RDX	591, 592, 593, 627, 628, 629	0816-99-1397	96	1.6	1.53
RDX	591, 592, 593, 627, 628, 629	0816-99-1398	260	1.6	1.53
RDX	592, 593, 628, 629	0816-99-1399	63	1.6	1.53
RDX	592, 593, 628, 629	0816-99-1400	200	1.6	1.53
RDX	592, 593, 628, 629	0816-99-1401	130	1.6	1.53
RDX	592, 593, 628, 629	0816-99-1402	26	1.6	1.53
RDX	592, 593, 628, 629	0816-99-1403	12	1.6	1.53
RDX	592, 593, 628, 629	0816-99-1404	86	1.6	1.53
RDX	623, 624, 625, 626	0816-99-1421	130	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-00-1000	67	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-00-1001	100	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-00-1002	90	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1426	110	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1427	110	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1428	23	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1430	7.5	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1431	6.8	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1432	7.8	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1433	12	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1437	8.8	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1438	6.3	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1439	11	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1441	12	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1442	100	1.6	1.53
RDX	624, 625, 626, 660, 661, 662, 663	0816-99-1443	130	1.6	1.53
Styrene	516	0816-99-1082	0.00036	170	N/A
Tetrachlorodibenzodioxins (Total)	452, 453, 488, 489	0816-00-1014	0.00005	N/A	N/A
Tetrachlorodibenzodioxins (Total)	453, 454	0816-00-1019	0.00001	N/A	N/A
Tetrachlorodibenzodioxins (Total)	488, 489, 490	0816-00-1010	0.00012	N/A	N/A
Tetrachlorodibenzodioxins (Total)	522, 558	0816-99-1358	0.00005	N/A	N/A
Tetrachlorodibenzodioxins (Total)	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.00011	N/A	N/A
Tetrachlorodibenzofuran[2,3,7,8-]	452, 453, 488, 489	0816-00-1014	0.00011	N/A	N/A
Tetrachlorodibenzofuran[2,3,7,8-]	453, 454	0816-00-1019	0.00005	N/A	N/A
Tetrachlorodibenzofuran[2,3,7,8-]	488, 489, 490	0816-00-1010	0.00007	N/A	N/A
Tetrachlorodibenzofuran[2,3,7,8-]	523, 559	0816-99-1344	0.00002	N/A	N/A
Tetrachlorodibenzofuran[2,3,7,8-]	522, 558	0816-99-1358	0.00002	N/A	N/A
Tetrachlorodibenzofuran[2,3,7,8-]	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.0001	N/A	N/A
Tetrachlorodibenzofurans (Total)	452, 453, 488, 489	0816-00-1014	0.00027	N/A	N/A
Tetrachlorodibenzofurans (Total)	453, 454	0816-00-1019	0.00011	N/A	N/A
Tetrachlorodibenzofurans (Total)	488, 489, 490	0816-00-1010	0.00007	N/A	N/A
Tetrachlorodibenzofurans (Total)	523, 559	0816-99-1344	0.00006	N/A	N/A
Tetrachlorodibenzofurans (Total)	522, 558	0816-99-1358	0.00006	N/A	N/A
Tetrachlorodibenzofurans (Total)	624, 625, 626, 660, 661, 662, 663	0816-00-1002	0.0001	N/A	N/A
Tetrachloroethane[1,1,2,2-]	443	0816-99-1052	0.237	0.084	11.7
Tetrachloroethane[1,1,2,2-]	443, 479	0816-99-1055	0.172	0.084	11.7

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Tetrachloroethane[1,1,2,2-]	478, 480	0816-99-1060	0.176	0.084	11.7
Tetrachloroethane[1,1,2,2-]	479	0816-99-1030	0.18	0.084	11.7
Tetrachloroethane[1,1,2,2-]	479	0816-99-1031	0.2	0.084	11.7
Tetrachloroethane[1,1,2,2-]	480, 516	0816-99-1091	0.16	0.084	11.7
Tetrachloroethane[1,1,2,2-]	516	0816-99-1083	0.23	0.084	11.7
Tetrachloroethane[1,1,2,2-]	518, 517	0816-99-1070	0.455	0.084	11.7
Tetrachloroethane[1,1,2,2-]	553	0816-99-1152	0.214	0.084	11.7
Tetrachloroethane[1,1,2,2-]	553	0816-99-1153	0.207	0.084	11.7
Tetrachloroethane[1,1,2,2-]	554	0816-99-1155	0.21	0.084	11.7
Tetrachloroethane[1,1,2,2-]	555	0816-99-1137	0.163	0.084	11.7
Tetrachloroethane[1,1,2,2-]	555	0816-99-1171	0.157	0.084	11.7
Tetrachloroethane[1,1,2,2-]	557, 593	0816-99-1177	0.252	0.084	11.7
Tetrachloroethane[1,1,2,2-]	557, 593	0816-99-1178	0.261	0.084	11.7
Tetrachloroethane[1,1,2,2-]	557, 593	0816-99-1179	0.276	0.084	11.7
Tetrachloroethene	488, 489, 490	0816-00-1010	0.002	1.3	1.14
Tetrachloroethene	553	0816-99-1100	0.00057	1.3	1.14
Tetrachloroethene	553	0816-99-1101	0.00064	1.3	1.14
Tetrachloroethene	555	0816-99-1099	0.00062	1.3	1.14
Toluene	442, 443	0816-99-1023	0.00034	52	21.3
Toluene	452, 453, 488, 489	0816-00-1014	0.001	52	21.3
Toluene	453, 454	0816-00-1017	0.001	52	21.3
Toluene	453, 454	0816-00-1018	0.002	52	21.3
Toluene	453, 454	0816-00-1019	0.002	52	21.3
Toluene	443	0816-99-1017	0.002	52	21.3
Toluene	443	0816-99-1046	0.0017	52	21.3
Toluene	443	0816-99-1047	0.0036	52	21.3
Toluene	443	0816-99-1052	0.0041	52	21.3
Toluene	443, 479	0816-99-1055	0.001	52	21.3
Toluene	443, 479	0816-99-1058	0.00083	52	21.3
Toluene	450, 451	0816-00-1020	0.002	52	21.3
Toluene	450, 451	0816-00-1021	0.004	52	21.3
Toluene	478	0816-99-1053	0.00048	52	21.3
Toluene	478, 480	0816-99-1060	0.0037	52	21.3
Toluene	478, 480	0816-99-1064	0.0084	52	21.3
Toluene	478, 480	0816-99-1069	0.008	52	21.3
Toluene	487, 488	0816-00-1012	0.005	52	21.3
Toluene	487, 488	0816-00-1012	0.004	52	21.3
Toluene	487, 488	0816-00-1013	0.003	52	21.3
Toluene	487, 488	0816-00-1013	0.001	52	21.3
Toluene	488, 489, 490	0816-00-1005	0.004	52	21.3
Toluene	488, 489, 490	0816-00-1006	0.002	52	21.3
Toluene	488, 489, 490	0816-00-1006	0.003	52	21.3
Toluene	488, 489, 490	0816-00-1007	0.001	52	21.3
Toluene	488, 489, 490	0816-00-1010	0.003	52	21.3
Toluene	488, 489, 490	0816-00-1011	0.005	52	21.3
Toluene	488, 489, 490	0816-00-1011	0.007	52	21.3
Toluene	479	0816-99-1026	0.0012	52	21.3
Toluene	479	0816-99-1027	0.00059	52	21.3
Toluene	479	0816-99-1028	0.00068	52	21.3
Toluene	479	0816-99-1029	0.00044	52	21.3
Toluene	479	0816-99-1030	0.0026	52	21.3
Toluene	479	0816-99-1031	0.0022	52	21.3
Toluene	479	0816-99-1034	0.0032	52	21.3
Toluene	479	0816-99-1035	0.0041	52	21.3
Toluene	479	0816-99-1036	0.0027	52	21.3
Toluene	479	0816-99-1059	0.001	52	21.3

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Toluene	479	0816-99-1071	0.0037	52	21.3
Toluene	479	0816-99-1089	0.0029	52	21.3
Toluene	480	0816-99-1054	0.0012	52	21.3
Toluene	514,515	0816-99-1076	0.00098	52	21.3
Toluene	514, 515, 516, 550, 551, 552	0816-99-1331	0.001	52	21.3
Toluene	515	0816-99-1081	0.0027	52	21.3
Toluene	515, 516	0816-99-1084	0.00088	52	21.3
Toluene	516	0816-99-1082	0.0033	52	21.3
Toluene	516	0816-99-1083	0.0028	52	21.3
Toluene	518, 517	0816-99-1068	0.0037	52	21.3
Toluene	518, 517	0816-99-1070	0.0038	52	21.3
Toluene	518, 517	0816-99-1072	0.0057	52	21.3
Toluene	553	0816-99-1101	0.0006	52	21.3
Toluene	589, 590, 626, 374	0816-99-1378	0.00072	52	21.3
Toluene	589, 590, 626, 374	0816-99-1379	7.799999E-04	52	21.3
Tribromophenol[2,4,6-]	555	0816-99-1138	1.19	N/A	N/A
Tribromophenol[2,4,6-]	555	0816-99-1139	1.23	N/A	N/A
Tributyl Phosphate	624, 625, 626, 660, 661, 662, 663	0816-99-1430	1	N/A	N/A
Trichloro-1,2,2-trifluoroethane[1,1,2-]	443	0816-99-1052	0.002	560	N/A
Trichloro-1,2,2-trifluoroethane[1,1,2-]	523, 559	0816-99-1355	0.0033	560	N/A
Trichloro-1,2,2-trifluoroethane[1,1,2-]	523, 559	0816-99-1356	0.0022	560	N/A
Trichloro-1,2,2-trifluoroethane[1,1,2-]	522, 558	0816-99-1357	0.0027	560	N/A
Trichloro-1,2,2-trifluoroethane[1,1,2-]	522, 558	0816-99-1358	0.0023	560	N/A
Trichloroethane[1,1,1-]	487, 488	0816-00-1012	0.002	140	840
Trichloroethane[1,1,1-]	487, 488	0816-00-1012	0.001	140	840
Trichloroethane[1,1,2-]	478, 480	0816-99-1069	0.246	0.18	N/A
Trichloroethane[1,1,2-]	479	0816-99-1071	0.225	0.18	N/A
Trichloroethane[1,1,2-]	514, 515	0816-99-1076	0.19	0.18	N/A
Trichloroethane[1,1,2-]	515	0816-99-1077	0.296	0.18	N/A
Trichloroethane[1,1,2-]	515, 516	0816-99-1075	0.237	0.18	N/A
Trichloroethane[1,1,2-]	516	0816-99-1082	0.2	0.18	N/A
Trichloroethane[1,1,2-]	518, 517	0816-99-1070	0.206	0.18	N/A
Trichloroethane[1,1,2-]	518, 517	0816-99-1072	0.29	0.18	N/A
Trichloroethene	555	0816-99-1140	0.00043	0.61	0.57
Trichlorofluoromethane	407	0816-99-1016	0.003	130	N/A
Trichlorofluoromethane	407	0816-99-1016	0.002	130	N/A
Trichlorofluoromethane	453, 454	0816-00-1017	0.001	130	N/A
Trichlorofluoromethane	453, 454	0816-00-1018	0.002	130	N/A
Trichlorofluoromethane	453, 454	0816-00-1018	0.001	130	N/A
Trichlorofluoromethane	453, 454	0816-00-1019	0.001	130	N/A
Trichlorofluoromethane	443	0816-99-1021	0.002	130	N/A
Trichlorofluoromethane	450, 451	0816-00-1020	0.001	130	N/A
Trichlorofluoromethane	450, 451	0816-00-1021	0.002	130	N/A
Trichlorofluoromethane	488, 489, 490	0816-00-1005	0.001	130	N/A
Trichlorofluoromethane	488, 489, 490	0816-00-1005	0.002	130	N/A
Trichlorofluoromethane	514, 515, 551, 557, 558	0816-99-1320	0.004	130	N/A
Trichlorofluoromethane	516, 551, 552	0816-99-1321	0.002	130	N/A
Trichlorofluoromethane	554, 555, 590	0816-99-1169	0.0019	130	N/A
Trichlorofluoromethane	555	0816-99-1170	0.0025	130	N/A
Trichlorofluoromethane	555	0816-99-1171	0.0015	130	N/A
Trichlorofluoromethane	557, 593	0816-99-1172	0.0048	130	N/A
Trichlorofluoromethane	624, 625, 626, 660, 661, 662, 663	0816-99-1426	0.002	130	N/A
Trichlorofluoromethane	624, 625, 626, 660, 661, 662, 663	0816-99-1427	0.002	130	N/A
Trichlorofluoromethane	624, 625, 626, 660, 661, 662, 663	0816-99-1428	0.002	130	N/A
Trichloropropane[1,2,3-]	452, 453, 488, 489	0816-00-1014	0.001	0.00031	N/A
Trimethylbenzene[1,2,4-]	555	0816-99-1142	0.00057	17	N/A

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Trinitrobenzene[1,3,5-]	452, 453, 488, 489	0816-00-1016	5.8	1900	2.1
Trinitrobenzene[1,3,5-]	453, 454	0816-00-1018	5.5	1900	2.1
Trinitrobenzene[1,3,5-]	453, 454	0816-00-1019	6.4	1900	2.1
Trinitrobenzene[1,3,5-]	450, 451	0816-00-1020	6	1900	2.1
Trinitrobenzene[1,3,5-]	450, 451	0816-00-1021	5.3	1900	2.1
Trinitrobenzene[1,3,5-]	514	0816-99-1150	1.1	1900	2.1
Trinitrobenzene[1,3,5-]	514, 515, 551	0816-99-1323	0.44	1900	2.1
Trinitrobenzene[1,3,5-]	523, 559	0816-99-1356	2.3	1900	2.1
Trinitrobenzene[1,3,5-]	522, 558	0816-99-1357	1.2	1900	2.1
Trinitrobenzene[1,3,5-]	522, 558	0816-99-1358	2.3	1900	2.1
Trinitrobenzene[1,3,5-]	552,553,589,590	0816-99-1360	0.36	1900	2.1
Trinitrobenzene[1,3,5-]	554, 555	0816-99-1107	0.17	1900	2.1
Trinitrobenzene[1,3,5-]	554, 555, 590	0816-99-1169	0.7	1900	2.1
Trinitrobenzene[1,3,5-]	555	0816-99-1137	2.1	1900	2.1
Trinitrobenzene[1,3,5-]	555	0816-99-1138	0.88	1900	2.1
Trinitrobenzene[1,3,5-]	555	0816-99-1139	0.87	1900	2.1
Trinitrobenzene[1,3,5-]	557, 593	0816-99-1172	0.71	1900	2.1
Trinitrobenzene[1,3,5-]	557, 593	0816-99-1177	0.4	1900	2.1
Trinitrobenzene[1,3,5-]	557, 593	0816-99-1179	0.55	1900	2.1
Trinitrobenzene[1,3,5-]	558, 486	0816-99-1147	4.7	1900	2.1
Trinitrobenzene[1,3,5-]	558, 486	0816-99-1148	0.63	1900	2.1
Trinitrobenzene[1,3,5-]	558, 486	0816-99-1149	3.7	1900	2.1
Trinitrobenzene[1,3,5-]	591, 592, 593	0816-99-1340	1.4	1900	2.1
Trinitrobenzene[1,3,5-]	591, 592, 593, 627, 628, 629	0816-99-1397	0.37	1900	2.1
Trinitrobenzene[1,3,5-]	592,593,628,629	0816-99-1401	0.31	1900	2.1
Trinitrobenzene[1,3,5-]	592,593,628,629	0816-99-1404	0.29	1900	2.1
Trinitrobenzene[1,3,5-]	623,624,625,626	0816-99-1421	0.19	1900	2.1
Trinitrotoluene[2,4,6-]	452, 453, 488, 489	0816-00-1014	370	5.8	0.09
Trinitrotoluene[2,4,6-]	452, 453, 488, 489	0816-00-1016	240	5.8	0.09
Trinitrotoluene[2,4,6-]	453, 454	0816-00-1017	460	5.8	0.09
Trinitrotoluene[2,4,6-]	453, 454	0816-00-1018	290	5.8	0.09
Trinitrotoluene[2,4,6-]	453, 454	0816-00-1019	370	5.8	0.09
Trinitrotoluene[2,4,6-]	443	0816-99-1046	0.63	5.8	0.09
Trinitrotoluene[2,4,6-]	443, 479	0816-99-1055	0.27	5.8	0.09
Trinitrotoluene[2,4,6-]	450, 451	0816-00-1020	320	5.8	0.09
Trinitrotoluene[2,4,6-]	450, 451	0816-00-1021	270	5.8	0.09
Trinitrotoluene[2,4,6-]	487, 488	0816-00-1012	130	5.8	0.09
Trinitrotoluene[2,4,6-]	487, 488	0816-00-1013	120	5.8	0.09
Trinitrotoluene[2,4,6-]	488, 489, 490	0816-00-1005	200	5.8	0.09
Trinitrotoluene[2,4,6-]	488, 489, 490	0816-00-1006	140	5.8	0.09
Trinitrotoluene[2,4,6-]	488, 489, 490	0816-00-1007	200	5.8	0.09
Trinitrotoluene[2,4,6-]	488, 489, 490	0816-00-1010	78	5.8	0.09
Trinitrotoluene[2,4,6-]	488, 489, 490	0816-00-1011	140	5.8	0.09
Trinitrotoluene[2,4,6-]	479	0816-99-1071	0.1	5.8	0.09
Trinitrotoluene[2,4,6-]	479, 515, 516	0816-99-1338	1.7	5.8	0.09
Trinitrotoluene[2,4,6-]	480, 516	0816-99-1092	0.84	5.8	0.09
Trinitrotoluene[2,4,6-]	480, 516	0816-99-1133	19	5.8	0.09
Trinitrotoluene[2,4,6-]	480, 516	0816-99-1134	31	5.8	0.09
Trinitrotoluene[2,4,6-]	480, 516	0816-99-1135	57	5.8	0.09
Trinitrotoluene[2,4,6-]	514	0816-99-1150	7.93	5.8	0.09
Trinitrotoluene[2,4,6-]	514	0816-99-1150	32	5.8	0.09
Trinitrotoluene[2,4,6-]	514, 515, 551	0816-99-1182	1.1	5.8	0.09
Trinitrotoluene[2,4,6-]	514, 515, 551	0816-99-1183	4.9	5.8	0.09
Trinitrotoluene[2,4,6-]	514, 515, 551	0816-99-1184	1.1	5.8	0.09
Trinitrotoluene[2,4,6-]	514, 515, 551	0816-99-1185	3.1	5.8	0.09
Trinitrotoluene[2,4,6-]	514, 515, 551	0816-99-1323	300	5.8	0.09

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Trinitrotoluene[2,4,6-]	514, 515, 551	0816-99-1323	7.9	5.8	0.09
Trinitrotoluene[2,4,6-]	514, 515, 551, 557, 558	0816-99-1320	0.38	5.8	0.09
Trinitrotoluene[2,4,6-]	514, 515, 516, 550, 551, 552	0816-99-1331	230	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1343	1300	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1343	36	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1344	1200	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1344	60	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1355	110	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1355	43	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1356	200	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 559	0816-99-1356	320	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 486, 487, 591, 592, 593	0816-99-1342	48	5.8	0.09
Trinitrotoluene[2,4,6-]	523, 486, 487, 591, 592, 593	0816-99-1342	74	5.8	0.09
Trinitrotoluene[2,4,6-]	516	0816-99-1082	0.23	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1321	1	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1321	0.2	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1321	1	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1322	1.6	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1322	0.1	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1322	0.6	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1324	3	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1324	0.4	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1324	0.43	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1325	1.1	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1326	78	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1328	3.5	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1329	5.5	5.8	0.09
Trinitrotoluene[2,4,6-]	516, 551, 552	0816-99-1330	1.4	5.8	0.09
Trinitrotoluene[2,4,6-]	522, 558	0816-99-1357	45	5.8	0.09
Trinitrotoluene[2,4,6-]	522, 558	0816-99-1358	210	5.8	0.09
Trinitrotoluene[2,4,6-]	550, 551, 552, 588, 626, 373	0816-99-1361	11	5.8	0.09
Trinitrotoluene[2,4,6-]	550, 551, 552, 588, 626, 373	0816-99-1362	5.4	5.8	0.09
Trinitrotoluene[2,4,6-]	552,553	0816-99-1097	3.5	5.8	0.09
Trinitrotoluene[2,4,6-]	552,553,589,590	0816-99-1360	5.5	5.8	0.09
Trinitrotoluene[2,4,6-]	552, 553, 589, 590, 626, 373	0816-99-1363	110	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1100	1.7	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1101	10	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1102	4.9	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1152	23	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1152	15.3	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1153	390	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1153	1.84	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1154	5.2	5.8	0.09
Trinitrotoluene[2,4,6-]	553	0816-99-1154	510	5.8	0.09
Trinitrotoluene[2,4,6-]	553, 554	0816-99-1104	0.91	5.8	0.09
Trinitrotoluene[2,4,6-]	553, 554	0816-99-1105	0.16	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1103	4.3	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1111	43	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1112	58	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1113	65	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1114	530	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1115	66	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1116	290	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1117	140	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1118	72	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1119	230	5.8	0.09

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Trinitrotoluene[2,4,6-]	554	0816-99-1122	110	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1123	200	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1124	29	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1125	71	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1126	210	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1127	140	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1128	120	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1129	82	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1130	6.8	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1155	2.31	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1155	11	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1156	69	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1156	108	5.8	0.09
Trinitrotoluene[2,4,6-]	554	0816-99-1168	1.1	5.8	0.09
Trinitrotoluene[2,4,6-]	554, 555	0816-99-1107	11	5.8	0.09
Trinitrotoluene[2,4,6-]	554, 555, 556,590, 591, 592	0816-99-1332	90	5.8	0.09
Trinitrotoluene[2,4,6-]	554, 555, 590	0816-99-1169	3.16	5.8	0.09
Trinitrotoluene[2,4,6-]	554, 555, 590	0816-99-1169	15	5.8	0.09
Trinitrotoluene[2,4,6-]	554, 590	0816-99-1173	0.623	5.8	0.09
Trinitrotoluene[2,4,6-]	554, 590	0816-99-1173	1.4	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1099	9.4	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1137	86	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1138	22	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1139	24	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1139	3.55	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1140	54	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1140	16.5	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1141	15.7	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1141	33	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1142	3.53	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1142	22	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1170	1.08	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1170	3.7	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1171	1.61	5.8	0.09
Trinitrotoluene[2,4,6-]	555	0816-99-1171	4.9	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1172	12.8	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1172	32	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1177	9.31	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1177	12	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1178	7.67	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1178	5.7	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1179	18	5.8	0.09
Trinitrotoluene[2,4,6-]	557, 593	0816-99-1179	9.18	5.8	0.09
Trinitrotoluene[2,4,6-]	558, 486	0816-99-1147	27.8	5.8	0.09
Trinitrotoluene[2,4,6-]	558, 486	0816-99-1147	170	5.8	0.09
Trinitrotoluene[2,4,6-]	558, 486	0816-99-1148	36	5.8	0.09
Trinitrotoluene[2,4,6-]	558, 486	0816-99-1148	42.8	5.8	0.09
Trinitrotoluene[2,4,6-]	558, 486	0816-99-1149	32.5	5.8	0.09
Trinitrotoluene[2,4,6-]	558, 486	0816-99-1149	290	5.8	0.09
Trinitrotoluene[2,4,6-]	588, 589, 624, 625	0816-99-1405	21	5.8	0.09
Trinitrotoluene[2,4,6-]	588, 589, 624, 625	0816-99-1407	44	5.8	0.09
Trinitrotoluene[2,4,6-]	588, 589, 624, 625	0816-99-1408	21	5.8	0.09
Trinitrotoluene[2,4,6-]	588, 589, 624, 625	0816-99-1409	15	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593	0816-99-1340	60	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593	0816-99-1340	55	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593, 557	0816-99-1333	60	5.8	0.09

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Trinitrotoluene[2,4,6-]	591, 592, 593, 557	0816-99-1337	94	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593, 627, 628, 629	0816-99-1394	120	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593, 627, 628, 629	0816-99-1395	41	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593, 627, 628, 629	0816-99-1396	25	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593, 627, 628, 629	0816-99-1397	33	5.8	0.09
Trinitrotoluene[2,4,6-]	591, 592, 593, 627, 628, 629	0816-99-1398	77	5.8	0.09
Trinitrotoluene[2,4,6-]	592, 593, 628, 629	0816-99-1399	17	5.8	0.09
Trinitrotoluene[2,4,6-]	592, 593, 628, 629	0816-99-1400	170	5.8	0.09
Trinitrotoluene[2,4,6-]	592, 593, 628, 629	0816-99-1401	42	5.8	0.09
Trinitrotoluene[2,4,6-]	592, 593, 628, 629	0816-99-1402	110	5.8	0.09
Trinitrotoluene[2,4,6-]	592, 593, 628, 629	0816-99-1403	0.8	5.8	0.09
Trinitrotoluene[2,4,6-]	592, 593, 628, 629	0816-99-1404	34	5.8	0.09
Trinitrotoluene[2,4,6-]	623, 624, 625, 626	0816-99-1421	51	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-00-1000	30	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-00-1001	42	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-00-1002	69	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1426	110	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1426	10	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1427	44	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1427	20	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1428	6	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1428	18	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1430	7	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1430	8.9	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1431	4.6	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1431	0.3	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1432	6.1	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1432	0.9	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1433	6.3	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1433	1	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1437	7.2	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1438	8.3	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1439	8.3	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1441	4.3	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1442	28	5.8	0.09
Trinitrotoluene[2,4,6-]	624, 625, 626, 660, 661, 662, 663	0816-99-1443	15	5.8	0.09
Tris(2-chloroethyl) Phosphate	514	0816-99-1150	0.192	N/A	N/A
Tris(2-chloroethyl) Phosphate	523, 559	0816-99-1343	7.1	N/A	N/A
Tris(2-chloroethyl) Phosphate	522, 558	0816-99-1358	14	N/A	N/A
Tris(2-chloroethyl) Phosphate	552, 553, 589, 590	0816-99-1360	0.41	N/A	N/A
Tris(2-chloroethyl) Phosphate	557, 593	0816-99-1177	0.186	N/A	N/A
Tris(2-chloroethyl) Phosphate	557, 593	0816-99-1178	0.186	N/A	N/A
Tris(2-chloroethyl) Phosphate	557, 593	0816-99-1179	0.181	N/A	N/A
Tris(2-chloroethyl) Phosphate	558, 486	0816-99-1147	0.372	N/A	N/A
Tris(2-chloroethyl) Phosphate	558, 486	0816-99-1148	0.849	N/A	N/A
Tris(2-chloroethyl) Phosphate	558, 486	0816-99-1149	0.368	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	523, 559	0816-99-1343	11	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	523, 559	0816-99-1344	7.3	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	523, 559	0816-99-1355	31	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	523, 559	0816-99-1356	21	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	523, 486, 487, 591, 592, 593	0816-99-1342	2.2	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	522, 558	0816-99-1357	14	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	522, 558	0816-99-1358	5.9	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	555	0816-99-1141	1.03	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	555	0816-99-1142	1.04	N/A	N/A
Tris(2-Ethylhexyl) Phosporic Acid	558, 486	0816-99-1148	0.951	N/A	N/A

Table 2 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)	0.1 MSSL (mg/kg)	0.3 ESL (mg/kg)
Xylene (Total)	488, 489, 490	0816-00-1005	0.002	N/A	0.33
Xylene (Total)	488, 489, 490	0816-00-1006	0.004	N/A	0.33
Xylene (Total)	488, 489, 490	0816-00-1006	0.006	N/A	0.33
Xylene (Total)	488, 489, 490	0816-00-1007	0.004	N/A	0.33
Xylene (Total)	488, 489, 490	0816-00-1010	0.009	N/A	0.33
Xylene (Total)	479	0816-99-1030	0.00031	N/A	0.33

Above 0.1 MSSL
Above 0.3 ESL
Above 0.1 PRG and 0.3 ESL

Table 3

Frequency of Detected Radionuclides at MDA P

Analyte	Number of Analyses	Number of Detects	Concentration Range[a]	Frequency of Detects Greater Than 0.1 PRG[b]	Percent Detects Greater Than 0.1 PRG	0.1 PRG[c] (pCi/g)	Frequency of Detects Greater Than 0.3 ESL[d]	Percent Detects Greater Than 0.3 ESL	0.3 ESL[e] (pCi/g)	Background Value (pCi/g)	Frequency of Detects Greater Than Background[f]	Percent Detects Greater Than Background	Frequency of Not-Detected Results Greater Than Background	Detected Miniumum Concen-tration (pCi/g)	Detected Mean Concen-tration (pCi/g)	Detected Maximum Concen-tration (pCi/g)	Not-Detected Minimum Reporting Level (pCi/g)	Not-Detected Maximum Reporting Level (pCi/g)
Americium-241	200	8	[-0.35] to 0.53	0/200	0	6.60	0/200	0	5.1	0.013	8/200	4	133/192	0.18	0.29	0.53	-0.35	0.28
Cesium-134	200	11	[-0.04] to 0.33	0/200	0	0.57	0/200	0	147	NA	11/200	5.5	NA	0.15	0.22	0.33	-0.04	0.33
Cesium-137	200	33	[-0.03] to 0.61	0/200	0	1.53	0/200	0	165	1.65	33/200	16.5	0/167	0.07	0.15	0.61	-0.03	0.20
Cobalt-60	200	1	[-0.05] to 0.36	1/200	0.5	0.33	0/200	0	123	NA	1/200	0.5	NA	0.36	0.36	0.36	-0.05	0.11
Europium-152	200	3	[-0.55] to 1.23	3/200	1.5	0.78	0/200	0	126	NA	3/200	1.5	NA	0.82	0.97	1.23	-0.55	0.65
Ruthenium-106	200	0	[-0.61 to 1.49]	0/200	0	3.90	0/200	0	0	NA	0/200	0	NA	0	0	0	-0.61	1.49
Sodium-22	200	1	[-0.07 to 2]	0/200	0	0.39	0/200	0	300	NA	1/200	0.5	NA	0.13	0.13	0.13	-0.07	2
Uranium-234	103	86	[0.89] to 3.52	0/103	0	3.90	0/103	0	6	2.59	7/103	6.8	0/17	1.08	1.84	3.52	0.89	1.78
Uranium-235	303	7	[-0.45] to 3.08	1/303	0.33	3.00	0/303	0	6.3	0.2	7/303	2.3	56/296	0.31	1.30	3.08	-0.45	0.79
Uranium-238	103	97	[0.73] to 4.97	0/103	0	20.10	0/103	0	6.6	2.29	24/103	23.3	1/6	0.96	1.94	4.97	0.73	3.20

[a]Values in square brackets indicate nondetected results.

[b]Value is the ratio of the number of detected values exceeding the 0.1 PRG value to the number of analyses.

[c]PRG value calculated with the RESRAD code (Yu et al. 1993, 58695).

[d]Value is the ratio of the number of detected values exceeding the 0.3 ESL value to the number of analyses.

[e]ESL = ecological screening level taken Los Alamos National Laboratory's ECORISK Database (LANL1998, 85891.1).

[f]Value is the ratio of the number of detected values exceeding the background value/fallout value to the number of analyses.

Table 4

Radionuclide Results at MDA P

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Americium-241	371,372	0816-99-1368	0.03 (U)	0.013	6.60	5.10
Americium-241	371,372	0816-99-1370	0.02 (U)	0.013	6.60	5.10
Americium-241	371,372	0816-99-1374	0.04 (U)	0.013	6.60	5.10
Americium-241	452, 453, 488, 489	0816-00-1016	0.03 (U)	0.013	6.60	5.10
Americium-241	453, 454	0816-00-1017	0.03 (U)	0.013	6.60	5.10
Americium-241	453, 454	0816-00-1019	0.02 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1017	0.08 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1021	0.07 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1022	0.02 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1046	0.06 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1047	0.07 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1048	0.03 (U)	0.013	6.60	5.10
Americium-241	443	0816-99-1052	0.06 (U)	0.013	6.60	5.10
Americium-241	443,479	0816-99-1055	0.13 (U)	0.013	6.60	5.10
Americium-241	443,479	0816-99-1058	0.09 (U)	0.013	6.60	5.10
Americium-241	478	0816-99-1053	0.11 (U)	0.013	6.60	5.10
Americium-241	478, 479	0816-99-1096	0.02 (U)	0.013	6.60	5.10
Americium-241	478,480	0816-99-1060	0.1 (U)	0.013	6.60	5.10
Americium-241	478,480	0816-99-1064	0.08 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1005	0.02 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1006	0.06 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1007	0.02 (U)	0.013	6.60	5.10
Americium-241	488, 489, 490	0816-00-1010	0.06 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1026	0.03 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1027	0.13 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1028	0.04 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1030	0.04 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1031	0.04 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1035	0.09 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1059	0.08 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1071	0.15 (U)	0.013	6.60	5.10
Americium-241	479	0816-99-1089	0.04 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1090	0.28 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1092	0.14 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1133	0.06 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1134	0.02 (U)	0.013	6.60	5.10
Americium-241	480, 516	0816-99-1135	0.05 (U)	0.013	6.60	5.10
Americium-241	514	0816-99-1150	0.05 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1182	0.16 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1183	0.05 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1184	0.08 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1185	0.15 (U)	0.013	6.60	5.10
Americium-241	514, 515, 551	0816-99-1323	0.09 (U)	0.013	6.60	5.10
Americium-241	514,515,551,557,558	0816-99-1320	0.05 (U)	0.013	6.60	5.10
Americium-241	514,515	0816-99-1076	0.03 (U)	0.013	6.60	5.10
Americium-241	514, 515, 516, 550, 551, 552	0816-99-1331	0.04 (U)	0.013	6.60	5.10
Americium-241	523, 559	0816-99-1355	0.03 (U)	0.013	6.60	5.10
Americium-241	523, 486, 487, 591, 592, 593	0816-99-1342	0.06 (U)	0.013	6.60	5.10
Americium-241	515	0816-99-1077	0.09 (U)	0.013	6.60	5.10

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Americium-241	515,516	0816-99-1075	0.03 (U)	0.013	6.60	5.10
Americium-241	516	0816-99-1082	0.05 (U)	0.013	6.60	5.10
Americium-241	516	0816-99-1083	0.03 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1321	0.1 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1322	0.09 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1324	0.04 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1325	0.02 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1326	0.04 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1329	0.18 (U)	0.013	6.60	5.10
Americium-241	516, 551, 552	0816-99-1330	0.02 (U)	0.013	6.60	5.10
Americium-241	518,517	0816-99-1068	0.1 (U)	0.013	6.60	5.10
Americium-241	518,517	0816-99-1070	0.12 (U)	0.013	6.60	5.10
Americium-241	518,517	0816-99-1072	0.15 (U)	0.013	6.60	5.10
Americium-241	522, 558	0816-99-1357	0.04 (U)	0.013	6.60	5.10
Americium-241	522, 558	0816-99-1358	0.06 (U)	0.013	6.60	5.10
Americium-241	550,551, 552,588 626, 373	0816-99-1361	0.03 (U)	0.013	6.60	5.10
Americium-241	550,551,552,588 626, 373	0816-99-1362	0.17 (U)	0.013	6.60	5.10
Americium-241	550, 551, 552,588 626, 373	0816-99-1365	0.02 (U)	0.013	6.60	5.10
Americium-241	552, 553, 589, 590, 558, 522	0816-99-1364	0.04 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1363	0.05 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1364	0.04 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1365	0.02 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1366	0.06 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1368	0.03 (U)	0.013	6.60	5.10
Americium-241	552,553,589,590 626, 373	0816-99-1370	0.02 (U)	0.013	6.60	5.10
Americium-241	553	0816-99-1153	0.04 (U)	0.013	6.60	5.10
Americium-241	553	0816-99-1154	0.08 (U)	0.013	6.60	5.10
Americium-241	553, 554	0816-99-1105	0.03 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1103	0.1 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1111	0.05 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1113	0.05 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1115	0.02 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1117	0.07 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1126	0.11 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1128	0.02 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1129	0.03 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1130	0.13 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1155	0.13 (U)	0.013	6.60	5.10
Americium-241	554	0816-99-1168	0.07 (U)	0.013	6.60	5.10
Americium-241	554, 555, 590	0816-99-1169	0.07 (U)	0.013	6.60	5.10
Americium-241	554, 590	0816-99-1173	0.12 (U)	0.013	6.60	5.10
Americium-241	554, 555, 556,590, 555, 592	0816-99-1332	0.09 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1137	0.05 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1139	0.05 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1140	0.13 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1142	0.08 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1170	0.05 (U)	0.013	6.60	5.10
Americium-241	555	0816-99-1171	0.03 (U)	0.013	6.60	5.10
Americium-241	557, 593	0816-99-1172	0.07 (U)	0.013	6.60	5.10
Americium-241	557, 593	0816-99-1178	0.06 (U)	0.013	6.60	5.10
Americium-241	557, 593	0816-99-1179	0.03 (U)	0.013	6.60	5.10

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Americium-241	558, 486	0816-99-1147	0.05 (U)	0.013	6.60	5.10
Americium-241	588 626, 373	0816-99-1366	0.06 (U)	0.013	6.60	5.10
Americium-241	588 626, 373	0816-99-1373	0.06 (U)	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1405	0.25	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1407	0.18	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1408	0.08 (U)	0.013	6.60	5.10
Americium-241	588,589,624,625	0816-99-1409	0.04 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1378	0.02 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1379	0.04 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1381	0.04 (U)	0.013	6.60	5.10
Americium-241	589,590,626 374	0816-99-1383	0.24	0.013	6.60	5.10
Americium-241	591,592,593	0816-99-1340	0.03 (U)	0.013	6.60	5.10
Americium-241	591,592,593,557	0816-99-1333	0.04 (U)	0.013	6.60	5.10
Americium-241	591,592,593,557	0816-99-1337	0.02 (U)	0.013	6.60	5.10
Americium-241	591, 592, 593, 627, 628, 629	0816-99-1394	0.1 (U)	0.013	6.60	5.10
Americium-241	591, 592, 593, 627, 628, 629	0816-99-1395	0.02 (U)	0.013	6.60	5.10
Americium-241	591, 592, 593, 627, 628, 629	0816-99-1397	0.09 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1399	0.04 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1400	0.02 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1401	0.18 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1402	0.03 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1403	0.02 (U)	0.013	6.60	5.10
Americium-241	592,593,628,629	0816-99-1404	0.08 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1410	0.05 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1411	0.03 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1413	0.02 (U)	0.013	6.60	5.10
Americium-241	623,624,625,626	0816-99-1421	0.04 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-00-1001	0.15 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-00-1002	0.06 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1426	0.03 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1427	0.04 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1428	0.35	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1430	0.05 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1431	0.25	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1432	0.05 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1433	0.31	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1437	0.06 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1438	0.53	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1439	0.03 (U)	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1441	0.25	0.013	6.60	5.10
Americium-241	624,625,626;660,661,662,663	0816-99-1443	0.08 (U)	0.013	6.60	5.10
Cesium-134	588,589,624,625	0816-99-1405	0.24	NA	0.57	147.00
Cesium-134	589,590,626 374	0816-99-1383	0.16	NA	0.57	147.00
Cesium-134	591, 592, 593, 627, 628, 629	0816-99-1398	0.21	NA	0.57	147.00
Cesium-134	592,593,628,629	0816-99-1401	0.15	NA	0.57	147.00
Cesium-134	623,624,625,626	0816-99-1412	0.22	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-00-1000	0.21	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-00-1001	0.21	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-99-1433	0.33	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-99-1438	0.31	NA	0.57	147.00
Cesium-134	624,625,626;660,661,662,663	0816-99-1441	0.27	NA	0.57	147.00

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Cesium-134	624,625,626;660,661,662,663	0816-99-1443	0.15	NA	0.57	147.00
Cobalt-60	592,593,628,629	0816-99-1401	0.36	NA	0.33	123.00
Europium-152	452, 453, 488, 489	0816-00-1016	0.86	NA	0.78	126.00
Europium-152	555	0816-99-1141	1.23	NA	0.78	126.00
Europium-152	555	0816-99-1142	0.82	NA	0.78	126.00
Sodium-22	480, 516	0816-99-1134	0.13	NA	0.39	300.00
Uranium-234	522, 558	0816-99-1357	2.68	2.59	3.90	6.00
Uranium-234	552,553,589,590	0816-99-1360	2.64	2.59	3.90	6.00
Uranium-234	552,553,589,590 626, 373	0816-99-1363	2.63	2.59	3.90	6.00
Uranium-234	589,590,626 374	0816-99-1381	3.52	2.59	3.90	6.00
Uranium-234	624,625,626;660,661,662,663	0816-00-1000	3.35	2.59	3.90	6.00
Uranium-234	624,625,626;660,661,662,663	0816-99-1441	2.83	2.59	3.90	6.00
Uranium-234	624,625,626;660,661,662,663	0816-99-1443	3.07	2.59	3.90	6.00
Uranium-235	453, 454	0816-00-1017	0.39 (U)	0.2	3.00	6.30
Uranium-235	443	0816-99-1021	0.29 (U)	0.2	3.00	6.30
Uranium-235	443	0816-99-1047	0.24 (U)	0.2	3.00	6.30
Uranium-235	450, 451	0816-00-1021	0.35 (U)	0.2	3.00	6.30
Uranium-235	450, 451	0816-00-1021	0.46 (U)	0.2	3.00	6.30
Uranium-235	488, 489, 490	0816-00-1005	0.85	0.2	3.00	6.30
Uranium-235	488, 489, 490	0816-00-1006	0.28 (U)	0.2	3.00	6.30
Uranium-235	488, 489, 490	0816-00-1007	0.23 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1026	0.22 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1034	0.27 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1036	0.33 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1059	0.33 (U)	0.2	3.00	6.30
Uranium-235	479	0816-99-1071	0.23 (U)	0.2	3.00	6.30
Uranium-235	480	0816-99-1054	0.21 (U)	0.2	3.00	6.30
Uranium-235	514, 515, 551	0816-99-1182	0.25 (U)	0.2	3.00	6.30
Uranium-235	514, 515, 551	0816-99-1183	0.21 (U)	0.2	3.00	6.30
Uranium-235	514,515	0816-99-1076	0.23 (U)	0.2	3.00	6.30
Uranium-235	516, 551, 552	0816-99-1324	0.29 (U)	0.2	3.00	6.30
Uranium-235	522, 558	0816-99-1357	0.31	0.2	3.00	6.30
Uranium-235	522, 558	0816-99-1357	0.22 (U)	0.2	3.00	6.30
Uranium-235	550, 551, 552,588 626, 373	0816-99-1361	0.23 (U)	0.2	3.00	6.30
Uranium-235	550, 551, 552,588 626, 373	0816-99-1361	0.21 (U)	0.2	3.00	6.30
Uranium-235	550, 551, 552,588 626, 373	0816-99-1365	0.22 (U)	0.2	3.00	6.30
Uranium-235	552,4,589,590,558,522	0816-99-1364	0.23 (U)	0.2	3.00	6.30
Uranium-235	552,553,589,590 626, 373	0816-99-1363	0.27 (U)	0.2	3.00	6.30
Uranium-235	552,553,589,590 626, 373	0816-99-1364	0.23 (U)	0.2	3.00	6.30
Uranium-235	552,553,589,590 626, 373	0816-99-1365	0.22 (U)	0.2	3.00	6.30
Uranium-235	553	0816-99-1101	0.4 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1111	0.96	0.2	3.00	6.30
Uranium-235	554	0816-99-1117	0.46 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1119	0.29 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1126	0.22 (U;J-)	0.2	3.00	6.30
Uranium-235	554	0816-99-1128	0.24 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1156	0.26 (U)	0.2	3.00	6.30
Uranium-235	554	0816-99-1168	0.27 (U)	0.2	3.00	6.30
Uranium-235	554, 555, 590	0816-99-1169	0.21 (U)	0.2	3.00	6.30
Uranium-235	555	0816-99-1137	0.25 (U)	0.2	3.00	6.30
Uranium-235	555	0816-99-1171	0.25 (U)	0.2	3.00	6.30

Table 4 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background Value (pCi/g)	0.1 PRG (mg/kg)	0.3 ESL (mg/kg)
Uranium-235	557, 593	0816-99-1172	0.53 (U)	0.2	3.00	6.30
Uranium-235	558, 486	0816-99-1149	0.23 (U)	0.2	3.00	6.30
Uranium-235	588,589,624,625	0816-99-1405	0.62	0.2	3.00	6.30
Uranium-235	588,589,624,625	0816-99-1407	0.21 (U)	0.2	3.00	6.30
Uranium-235	589,590,626 374	0816-99-1381	0.38 (U)	0.2	3.00	6.30
Uranium-235	589,590,626 374	0816-99-1382	0.46 (U)	0.2	3.00	6.30
Uranium-235	589,590,626 374	0816-99-1383	0.3 (U)	0.2	3.00	6.30
Uranium-235	591,592,593,557	0816-99-1337	0.26 (U)	0.2	3.00	6.30
Uranium-235	591, 592, 593, 627, 628, 629	0816-99-1396	0.25 (U)	0.2	3.00	6.30
Uranium-235	591, 592, 593, 627, 628, 629	0816-99-1397	0.21 (U)	0.2	3.00	6.30
Uranium-235	591, 592, 593, 627, 628, 629	0816-99-1398	0.22 (U)	0.2	3.00	6.30
Uranium-235	592,593,628,629	0816-99-1399	2.78	0.2	3.00	6.30
Uranium-235	592,593,628,629	0816-99-1401	0.24 (U)	0.2	3.00	6.30
Uranium-235	592,593,628,629	0816-99-1403	0.34 (U)	0.2	3.00	6.30
Uranium-235	623,624,625,626	0816-99-1410	0.58 (U)	0.2	3.00	6.30
Uranium-235	623,624,625,626	0816-99-1410	0.24 (U)	0.2	3.00	6.30
Uranium-235	623,624,625,626	0816-99-1421	0.24 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-00-1000	0.37 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1428	0.79 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1433	0.32 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1437	3.08	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1438	0.66 (U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1441	0.49	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1442	0.22 (J-;U)	0.2	3.00	6.30
Uranium-235	624,625,626;660,661,662,663	0816-99-1443	0.38 (U)	0.2	3.00	6.30
Uranium-238	452, 453, 488, 489	0816-00-1014	3.2 (U)	2.29	20.10	6.60
Uranium-238	452, 453, 488, 489	0816-00-1016	2.73	2.29	20.10	6.60
Uranium-238	450, 451	0816-00-1020	2.5	2.29	20.10	6.60
Uranium-238	450, 451	0816-00-1021	2.37	2.29	20.10	6.60
Uranium-238	487, 488	0816-00-1012	3.68	2.29	20.10	6.60
Uranium-238	487, 488	0816-00-1013	2.98	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1005	3.57	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1006	4.97	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1007	3.64	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1010	2.6	2.29	20.10	6.60
Uranium-238	488, 489, 490	0816-00-1011	2.95	2.29	20.10	6.60
Uranium-238	522, 558	0816-99-1357	3.67	2.29	20.10	6.60
Uranium-238	552,553,589,590 626, 373	0816-99-1363	3.03	2.29	20.10	6.60
Uranium-238	557, 593	0816-99-1179	2.32	2.29	20.10	6.60
Uranium-238	588,589,624,625	0816-99-1408	2.68	2.29	20.10	6.60
Uranium-238	588,589,624,625	0816-99-1409	2.47	2.29	20.10	6.60
Uranium-238	589,590,626 374	0816-99-1381	2.66	2.29	20.10	6.60
Uranium-238	592,593,628,629	0816-99-1403	2.83	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-00-1001	3.65	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-00-1002	2.85	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1430	2.44	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1433	2.42	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1437	2.48	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1441	2.44	2.29	20.10	6.60
Uranium-238	624,625,626;660,661,662,663	0816-99-1443	3.55	2.29	20.10	6.60