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Data Validation Report

Project:	Portland Harbor Pre-Remedial Design Investigation and Baseline Sampling
Laboratory:	TestAmerica, Knoxville, Tennessee
Service Request:	580-78527-3 & 580-78527-9
Analyses/Method	Chlorinated Biphenyls by EPA Method 1668A - High Resolution Gas Chromatography (HRGC) High Resolution Mass Spectrometry (HRMS)
Validation Level:	Stage 2A
Prepared by:	Chris Pracheil / Geosyntec Consultants, Inc. Completed on:09/23/2018
Reviewed by:	Kristoffer Henderson / Geosyntec Consultants File Name: 580-78527-3 & 580-78527-9 DVR

SUMMARY

The samples listed below were collected by AECOM in Portland Harbor in Portland, OR on June 29 and 30, and July 01, 2018

Sample ID	Matrix/Sample Type
PDI-SG-B434	Sediment
PDI-SG-B435	Sediment
PDI-SG-B441	Sediment
PDI-SG-B442	Sediment
PDI-SG-B439	Sediment
PDI-SG-B440	Sediment
PDI-SG-B445	Sediment
PDI-SG-B446	Sediment
PDI-SG-B447	Sediment
PDI-SG-B449	Sediment
PDI-SG-B443	Sediment
PDI-SG-B444	Sediment
PDI-SG-B448	Sediment
PDI-SG-B451	Sediment
PDI-SG-B455	Sediment

Sample ID	Matrix/Sample Type
PDI-SG-B450	Sediment
PDI-SG-B454	Sediment
PDI-SG-B453	Sediment
PDI-SG-B453-D	Field Duplicate for PDI-SG-B453
PDI-SG-B452	Sediment
PDI-SG-B457	Sediment
PDI-SG-B459	Sediment
PDI-SG-B460	Sediment
PDI-SG-B461	Sediment
PDI-SG-B461-D	Field Duplicate for PDI-SG-B461
PDI-RB-180630	Equipment Blank

Data validation activities were conducted with reference to:

- EPA Method 1668A: Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids,
  and Tissue by HRGC/HRMS (USEPA, August 2003),
- USEPA Contract Laboratory Program National Functional Guidelines for High Resolution
  Superfund Methods Data Review (April 2016),
- Quality Assurance Project Plan, Portland Harbor Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site (March 2018), and
- Laboratory Standard Operating Procedure

The National Functional Guidelines were modified to accommodate the non-CLP methodologies. In the absence of method-specific information, laboratory QC limits, project-specific requirements and/or Geosyntec professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

✓ Data completeness [chain-of-custody (COC)/sample integrity]
✓ Holding times and sample preservation
✗ Laboratory blanks/equipment blanks
✓ Matrix spike (MS) and/or matrix spike duplicate (MSD) results
✓ Ongoing precision and recovery results
✗ Field duplicate results

- ✗ Labeled compounds and labeled clean-up standard recoveries
- ✓ Sample results/reporting issues
- ✓ Percent Solids

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. An NA indicates that the parameter was not included as part of this data set or was not applicable to this validation and therefore not reviewed. The symbol (✗) indicates that a QC nonconformance resulted in the qualification of data. Any QC nonconformance that resulted in the qualification of data is discussed below. In addition, nonconformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

The data appear valid as qualified and may be used for decision making purposes. Select data points were qualified as estimated or negated due to nonconformances of certain QC criteria (see discussion below). Qualified sample results are presented in Table 1.

RESULTS

Data Completeness (COC)/Sample Integrity

The data package was reviewed and found to meet acceptance criteria for completeness:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

The client instructed the laboratory to change the equipment blank ID from PDI-SG-RB-20180630 to PDI-RB-VV-180630, however the laboratory logged the sample in as PDI-RB-180630. Additionally, incorrect error correction was observed on the COC; however, no qualifications were applied to the data based on professional judgement.

Holding Times and Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with method criteria. All method QC acceptance criteria were met.

Laboratory Blanks/Equipment Blanks

Method and equipment rinsate blank results are evaluated as to whether there are contaminants detected above the estimated detection limit (EDL).

Target compounds were detected in the laboratory method blanks and the equipment blanks associated with the samples in this data set. The equipment blank contamination, after laboratory method blank actions were applied, is summarized below for informational purposes only. Equipment blank contamination was not used to qualify field samples.

Blank ID	Compound	Result	EDL	Unit
PDI-RB-180630	PCB-1	0.0021	0.00041	ng/L
	PCB-101	0.0038	0.00056	ng/L
	PCB-105	0.0034	0.00077	ng/L
	PCB-110	0.0065	0.00047	ng/L
	PCB-113	0.0038	0.00056	ng/L
	PCB-115	0.0065	0.00047	ng/L
	PCB-129	0.0026	0.00093	ng/L
	PCB-138	0.0026	0.00093	ng/L
	PCB-15	0.011	0.0098	ng/L
	PCB-153	0.0015	0.00081	ng/L
	PCB-16	0.023	0.0014	ng/L
	PCB-160	0.0026	0.00093	ng/L
	PCB-163	0.0026	0.00093	ng/L
	PCB-168	0.0015	0.00081	ng/L
	PCB-17	0.010	0.0012	ng/L
	PCB-174	0.00087	0.00024	ng/L
	PCB-18	0.023	0.0011	ng/L
	PCB-180	0.0039	0.00019	ng/L
	PCB-19	0.0065	0.0015	ng/L
	PCB-193	0.0039	0.00019	ng/L
	PCB-20	0.023	0.0021	ng/L
	PCB-21	0.011	0.0020	ng/L
	PCB-22	0.015	0.0021	ng/L
	PCB-26	0.0044	0.0021	ng/L
	PCB-27	0.0035	0.00091	ng/L
	PCB-28	0.023	0.0021	ng/L
	PCB-29	0.0044	0.0021	ng/L
	PCB-3	0.0051	0.00055	ng/L
	PCB-30	0.023	0.0011	ng/L
	PCB-31	0.0060	0.0020	ng/L
	PCB-32	0.0096	0.00087	ng/L
	PCB-33	0.011	0.0020	ng/L
	PCB-4	0.020	0.011	ng/L
	PCB-40	0.0053	0.0022	ng/L
	PCB-41	0.0053	0.0022	ng/L
	PCB-44	0.020	0.0020	ng/L

Blank ID	Compound	Result	EDL	Unit
	PCB-45	0.0066	0.0023	ng/L
	PCB-47	0.020	0.0020	ng/L
	PCB-48	0.0042	0.0022	ng/L
	PCB-49	0.0068	0.0018	ng/L
	PCB-50	0.0050	0.0022	ng/L
	PCB-51	0.0066	0.0023	ng/L
	PCB-52	0.016	0.0022	ng/L
	PCB-53	0.0050	0.0022	ng/L
	PCB-56	0.0041	0.0016	ng/L
	PCB-60	0.0040	0.0017	ng/L
	PCB-61	0.011	0.0015	ng/L
	PCB-64	0.0068	0.0015	ng/L
	PCB-65	0.020	0.0020	ng/L
	PCB-66	0.0080	0.0015	ng/L
	PCB-69	0.0068	0.0018	ng/L
	PCB-70	0.011	0.0015	ng/L
	PCB-71	0.0053	0.0022	ng/L
	PCB-74	0.011	0.0015	ng/L
	PCB-76	0.011	0.0015	ng/L
	PCB-8	0.021	0.0079	ng/L
	PCB-90	0.0038	0.00056	ng/L
	PCB-95	0.0047	0.00070	ng/L

The NFG guidance stipulates that a conservative approach should be taken with regards to qualification of PCB congeners due to the toxicity of these compounds and the reporting of false negative results should be avoided. Therefore, in order to avoid the reporting of false negative results professional judgment was used to qualify the data in the following manner. As allowed in the NFG, a blank action limit (BAL) was determined as 5 times the method blank result:

- When the sample results were < the method blank result, the sample result was qualified as non-detect (U) at the sample result.
- When the sample result was ≥ the method blank result ≤ the BAL, the sample result was qualified as estimated and potentially biased high (J+).
- When the sample result was > the BAL, sample result was not qualified.

Qualified sample results are summarized in Table 1.

MS/MSD Results

MS/MSD analyses were not performed on a sample in this data set. No data validation actions were taken on this basis.

Ongoing Precision and Recovery

The OPR %Rs and/or RPDs were reviewed for conformance with the method QC acceptance criteria. All method QC acceptance criteria were met.

Field Duplicate Results

Field duplicate RPDs were reviewed for conformance with the AECOM QC acceptance criteria of <50% [if one or both results were greater than five times the practical quantitation limit (PQL)] for solid matrices and < 30% [if one or both results were greater than five times the PQL] for aqueous matrices.

Nonconformances are summarized in Attachment A in Table A-1. Samples were qualified as follows:

Actions: (Based on Geosyntec professional judgment)

Criteria	RPD	Action	
		Detect	Nondetect
Sample and duplicate are nondetect results (<EDL)	Not calculable (NC)	No qualification	No qualification
Sample and duplicate results <PQL	Not applicable	No qualification	No qualification
Sample and duplicate results ≥5xPQL	>30% Aqueous >50% All other sample types	J	Not Applicable
Sample and duplicate results are >PQL and <5xPQL	>60% Aqueous >100% All other sample types	J	Not Applicable
Sample and/or duplicate results are >PQL and/or >5xPQL	>30% Aqueous >50% All other sample types	J	Not Applicable
If sample or duplicate result is >PQL and the other is <PQL but >EDL	>60% Aqueous >100% All other sample types	J	Not Applicable
If sample or duplicate result is >5xPQL and the other is not detected	NC	J	UJ
If sample or duplicate result is <5x PQL and >PQL and the other is not detected	NC	J	UJ
If sample or duplicate result is <PQL and the other is not detected	NC	No qualification	No qualification

Qualified sample results are summarized in Table 1.

Labeled Compounds and Labeled Clean-up Standard Recoveries

The labeled compounds and labeled clean-up standard %Rs were reviewed for conformance with the QC acceptance criteria.

The ion abundance ratio fell outside of the QC acceptance limits for the labeled compounds listed for the following samples:

PDI-SG-B435: PCB-19L
PDI-SG-B461: PCB-3L

The positive and nondetect results for the PCB congeners associated with these labeled compounds in the affected samples were qualified as estimated (J/UJ).

Qualified sample results are summarized in Table 1.

Sample Results/Reporting Issues

All sample results detected at concentrations less than the lowest calibration standard (or PQL) but greater than the EDL are qualified by the laboratory as estimated (J). This “J” qualifier is retained during data validation.

The laboratory qualified the sample results with a "q" to indicate that the ion abundance ratio was outside of the QC acceptance limits; the result should be considered as an Estimated Maximum Possible Concentration (EMPC). These results were qualified as estimated and tentatively identified (JN). Qualified sample results are summarized in Table 1.

The following sample exhibited elevated noise or matrix interferences for one or more analytes causing elevation of the EDLs: PDI-SG-B439. The EDLs for the affected analytes have been raised to be equal to the PQLs, and "G" qualifiers applied. No further action was taken.

The following sample required dilution prior to analysis PDI-SG-B459. The reporting limits have been adjusted accordingly. No further action was taken.

Sample	Dilution
PDI-SG-B459	5X

It should be noted that the "JN" qualifier was retained rather than replaced with the conventional overall "J", “J+”, and “J-“ qualifiers in instances where sample results were qualified for multiple quality control nonconformances.

Percent Solids Content

The percent solids data were reviewed since the amount of moisture in a solid sample may have an impact on data representativeness. Due to the extremely low solubility of PCB congeners in water, these analytes should be contained in the solid phase. Consequently, the NFG guidance does not stipulate a percent solids criterion. If applicable, EPA Regional guidance is used when assessing percent solids content. In the absence of EPA Regional guidance, AECOM uses 30% solids (from the NFG semivolatile guidance) as a benchmark to evaluate the percent solids content and professional judgment is used to determine the necessity to qualify data. Data were not qualified on the basis of percent solids content.

QUALIFICATION ACTIONS

Sample results qualified as a result of validation actions are summarized in Table 1. All actions are described above.

ATTACHMENTS

Attachment A: Nonconformance Summary Tables

Attachment B: Qualifier Codes and Explanations

Attachment C: Reason Codes and Explanations

Table 1 – Data Validation Summary of Qualified Data

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-RB-180630	WQ	PCB-1	0.0021	0.00041	0.00041	ng/L	JN	k
PDI-RB-180630	WQ	PCB-101	0.0038	0.00056	0.00056	ng/L	JN	k
PDI-RB-180630	WQ	PCB-11	-	0.022	0.0084	ng/L	U	bl
PDI-RB-180630	WQ	PCB-110	0.0065	0.00047	0.00047	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-113	0.0038	0.00056	0.00056	ng/L	JN	k
PDI-RB-180630	WQ	PCB-115	0.0065	0.00047	0.00047	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-118	-	0.0036	0.00074	ng/L	U	bl
PDI-RB-180630	WQ	PCB-129	0.0026	0.00093	0.00093	ng/L	JN	k
PDI-RB-180630	WQ	PCB-138	0.0026	0.00093	0.00093	ng/L	JN	k
PDI-RB-180630	WQ	PCB-15	0.011	0.0098	0.0098	ng/L	JN	k
PDI-RB-180630	WQ	PCB-153	0.0015	0.00081	0.00081	ng/L	JN	k
PDI-RB-180630	WQ	PCB-160	0.0026	0.00093	0.00093	ng/L	JN	k
PDI-RB-180630	WQ	PCB-163	0.0026	0.00093	0.00093	ng/L	JN	k
PDI-RB-180630	WQ	PCB-168	0.0015	0.00081	0.00081	ng/L	JN	k
PDI-RB-180630	WQ	PCB-174	0.00087	0.00024	0.00024	ng/L	JN	k
PDI-RB-180630	WQ	PCB-18	0.023	0.0011	0.0011	ng/L	JN	k
PDI-RB-180630	WQ	PCB-180	0.0039	0.00019	0.00019	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-183	-	0.0022	0.00022	ng/L	U	bl
PDI-RB-180630	WQ	PCB-185	-	0.0022	0.00022	ng/L	U	bl
PDI-RB-180630	WQ	PCB-19	0.0065	0.0015	0.0015	ng/L	JN	k
PDI-RB-180630	WQ	PCB-193	0.0039	0.00019	0.00019	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-26	0.0044	0.0021	0.0021	ng/L	JN	k
PDI-RB-180630	WQ	PCB-27	0.0035	0.00091	0.00091	ng/L	JN	k
PDI-RB-180630	WQ	PCB-29	0.0044	0.0021	0.0021	ng/L	JN	k
PDI-RB-180630	WQ	PCB-3	0.0051	0.00055	0.00055	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-30	0.023	0.0011	0.0011	ng/L	JN	k
PDI-RB-180630	WQ	PCB-31	0.0060	0.0020	0.0020	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-32	0.0096	0.00087	0.00087	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-4	0.020	0.011	0.011	ng/L	JN	k
PDI-RB-180630	WQ	PCB-40	0.0053	0.0022	0.0022	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-41	0.0053	0.0022	0.0022	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-44	0.020	0.0020	0.0020	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-47	0.020	0.0020	0.0020	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-48	0.0042	0.0022	0.0022	ng/L	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-RB-180630	WQ	PCB-49	0.0068	0.0018	0.0018	ng/L	JN	k
PDI-RB-180630	WQ	PCB-50	0.0050	0.0022	0.0022	ng/L	JN	k
PDI-RB-180630	WQ	PCB-52	0.016	0.0022	0.0022	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-53	0.0050	0.0022	0.0022	ng/L	JN	k
PDI-RB-180630	WQ	PCB-56	0.0041	0.0016	0.0016	ng/L	JN	k
PDI-RB-180630	WQ	PCB-60	0.0040	0.0017	0.0017	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-61	0.011	0.0015	0.0015	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-64	0.0068	0.0015	0.0015	ng/L	JN	k
PDI-RB-180630	WQ	PCB-65	0.020	0.0020	0.0020	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-66	0.0080	0.0015	0.0015	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-69	0.0068	0.0018	0.0018	ng/L	JN	k
PDI-RB-180630	WQ	PCB-70	0.011	0.0015	0.0015	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-71	0.0053	0.0022	0.0022	ng/L	JN	k,bl
PDI-RB-180630	WQ	PCB-74	0.011	0.0015	0.0015	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-76	0.011	0.0015	0.0015	ng/L	J+	bl
PDI-RB-180630	WQ	PCB-8	0.021	0.0079	0.0079	ng/L	JN	k
PDI-RB-180630	WQ	PCB-90	0.0038	0.00056	0.00056	ng/L	JN	k
PDI-SG-B434	SE	PCB-102	0.0060	0.00051	0.00051	ng/g	JN	k
PDI-SG-B434	SE	PCB-103	0.0049	0.00052	0.00052	ng/g	JN	k
PDI-SG-B434	SE	PCB-11	0.043	0.0034	0.0034	ng/g	JN	k,bl
PDI-SG-B434	SE	PCB-12	0.0045	0.0035	0.0035	ng/g	JN	k
PDI-SG-B434	SE	PCB-13	0.0045	0.0035	0.0035	ng/g	JN	k
PDI-SG-B434	SE	PCB-144	0.012	0.00065	0.00065	ng/g	JN	k
PDI-SG-B434	SE	PCB-154	0.0070	0.00056	0.00056	ng/g	JN	k
PDI-SG-B434	SE	PCB-167	0.011	0.0026	0.0026	ng/g	JN	k
PDI-SG-B434	SE	PCB-172	0.017	0.0029	0.0029	ng/g	JN	k
PDI-SG-B434	SE	PCB-19	0.0052	0.00072	0.00072	ng/g	JN	k
PDI-SG-B434	SE	PCB-196	0.027	0.0019	0.0019	ng/g	JN	k
PDI-SG-B434	SE	PCB-200	0.0048	0.0013	0.0013	ng/g	JN	k
PDI-SG-B434	SE	PCB-201	0.0084	0.0013	0.0013	ng/g	JN	k
PDI-SG-B434	SE	PCB-206	0.022	0.0024	0.0024	ng/g	JN	k
PDI-SG-B434	SE	PCB-208	0.010	0.0014	0.0014	ng/g	JN	k
PDI-SG-B434	SE	PCB-27	0.0031	0.00043	0.00043	ng/g	JN	k
PDI-SG-B434	SE	PCB-32	0.010	0.00041	0.00041	ng/g	JN	k
PDI-SG-B434	SE	PCB-45	0.014	0.00078	0.00078	ng/g	JN	k
PDI-SG-B434	SE	PCB-46	0.0038	0.00094	0.00094	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B434	SE	PCB-51	0.014	0.00078	0.00078	ng/g	JN	k
PDI-SG-B434	SE	PCB-6	0.0055	0.0035	0.0035	ng/g	JN	k
PDI-SG-B434	SE	PCB-8	0.019	0.0032	0.0032	ng/g	JN	k
PDI-SG-B434	SE	PCB-82	0.011	0.00060	0.00060	ng/g	JN	k
PDI-SG-B434	SE	PCB-98	0.0060	0.00051	0.00051	ng/g	JN	k
PDI-SG-B435	SE	PCB-102	0.0056	0.00034	0.00034	ng/g	JN	k
PDI-SG-B435	SE	PCB-107	0.0093	0.0016	0.0016	ng/g	JN	k
PDI-SG-B435	SE	PCB-11	0.049	0.0017	0.0017	ng/g	J+	bl
PDI-SG-B435	SE	PCB-112	0.00053	0.00026	0.00026	ng/g	JN	k
PDI-SG-B435	SE	PCB-12	0.0026	0.0017	0.0017	ng/g	JN	k
PDI-SG-B435	SE	PCB-13	0.0026	0.0017	0.0017	ng/g	JN	k
PDI-SG-B435	SE	PCB-130	0.020	0.0028	0.0028	ng/g	JN	k
PDI-SG-B435	SE	PCB-137	0.0082	0.0024	0.0024	ng/g	JN	k
PDI-SG-B435	SE	PCB-139	0.0057	0.0024	0.0024	ng/g	JN	k
PDI-SG-B435	SE	PCB-140	0.0057	0.0024	0.0024	ng/g	JN	k
PDI-SG-B435	SE	PCB-144	0.011	0.00025	0.00025	ng/g	JN	k
PDI-SG-B435	SE	PCB-148	0.0011	0.00027	0.00027	ng/g	JN	k
PDI-SG-B435	SE	PCB-154	0.0073	0.00022	0.00022	ng/g	JN	k
PDI-SG-B435	SE	PCB-16	0.0092	0.00036	0.00036	ng/g	J	k
PDI-SG-B435	SE	PCB-17	0.010	0.00033	0.00033	ng/g	J	k
PDI-SG-B435	SE	PCB-176	0.018	0.00089	0.00089	ng/g	JN	k
PDI-SG-B435	SE	PCB-18	0.017	0.00029	0.00029	ng/g	JN	k
PDI-SG-B435	SE	PCB-19	0.0053	0.00040	0.00040	ng/g	J	k
PDI-SG-B435	SE	PCB-197	0.0027	0.00083	0.00083	ng/g	JN	k
PDI-SG-B435	SE	PCB-201	0.0074	0.00075	0.00075	ng/g	JN	k
PDI-SG-B435	SE	PCB-202	0.014	0.00084	0.00084	ng/g	JN	k
PDI-SG-B435	SE	PCB-22	0.011	0.00087	0.00087	ng/g	JN	k
PDI-SG-B435	SE	PCB-24	-	0.00027	0.00027	ng/g	UJ	k
PDI-SG-B435	SE	PCB-25	0.0043	0.00079	0.00079	ng/g	JN	k
PDI-SG-B435	SE	PCB-27	0.0021	0.00024	0.00024	ng/g	JN	k
PDI-SG-B435	SE	PCB-3	0.0015	0.00037	0.00037	ng/g	JN	k,bl
PDI-SG-B435	SE	PCB-30	0.017	0.00029	0.00029	ng/g	JN	k
PDI-SG-B435	SE	PCB-32	0.0085	0.00023	0.00023	ng/g	J	k
PDI-SG-B435	SE	PCB-35	0.0014	0.00088	0.00088	ng/g	JN	k
PDI-SG-B435	SE	PCB-4	0.0087	0.0024	0.0024	ng/g	JN	k
PDI-SG-B435	SE	PCB-46	0.0028	0.00023	0.00023	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B435	SE	PCB-48	0.0080	0.00018	0.00018	ng/g	JN	k
PDI-SG-B435	SE	PCB-50	0.0098	0.00018	0.00018	ng/g	JN	k
PDI-SG-B435	SE	PCB-53	0.0098	0.00018	0.00018	ng/g	JN	k
PDI-SG-B435	SE	PCB-55	0.0011	0.00013	0.00013	ng/g	JN	k
PDI-SG-B435	SE	PCB-59	0.0037	0.00013	0.00013	ng/g	JN	k
PDI-SG-B435	SE	PCB-62	0.0037	0.00013	0.00013	ng/g	JN	k
PDI-SG-B435	SE	PCB-63	0.0017	0.00012	0.00012	ng/g	JN	k
PDI-SG-B435	SE	PCB-68	0.0017	0.00012	0.00012	ng/g	JN	k
PDI-SG-B435	SE	PCB-75	0.0037	0.00013	0.00013	ng/g	JN	k
PDI-SG-B435	SE	PCB-98	0.0056	0.00034	0.00034	ng/g	JN	k
PDI-SG-B439	SE	PCB-1	0.0065	0.00060	0.00060	ng/g	JN	k
PDI-SG-B439	SE	PCB-11	0.021	0.0034	0.0034	ng/g	J+	bl
PDI-SG-B439	SE	PCB-114	0.012	0.0027	0.0027	ng/g	JN	k
PDI-SG-B439	SE	PCB-12	0.0041	0.0035	0.0035	ng/g	JN	k
PDI-SG-B439	SE	PCB-120	0.0062	0.00024	0.00024	ng/g	JN	k
PDI-SG-B439	SE	PCB-122	0.0073	0.0033	0.0033	ng/g	JN	k
PDI-SG-B439	SE	PCB-123	0.0092	0.0029	0.0029	ng/g	JN	k
PDI-SG-B439	SE	PCB-13	0.0041	0.0035	0.0035	ng/g	JN	k
PDI-SG-B439	SE	PCB-137	0.052	0.0089	0.0089	ng/g	JN	k
PDI-SG-B439	SE	PCB-148	0.0029	0.00067	0.00067	ng/g	JN	k
PDI-SG-B439	SE	PCB-15	0.0096	0.0037	0.0037	ng/g	JN	k
PDI-SG-B439	SE	PCB-152	0.0021	0.00049	0.00049	ng/g	JN	k
PDI-SG-B439	SE	PCB-156	0.14	0.0096	0.0096	ng/g	JN	k
PDI-SG-B439	SE	PCB-157	0.14	0.0096	0.0096	ng/g	JN	k
PDI-SG-B439	SE	PCB-16	0.012	0.00039	0.00039	ng/g	JN	k
PDI-SG-B439	SE	PCB-169	0.019	0.0046	0.0046	ng/g	JN	k
PDI-SG-B439	SE	PCB-24	0.00098	0.00030	0.00030	ng/g	JN	k
PDI-SG-B439	SE	PCB-25	0.0058	0.0015	0.0015	ng/g	JN	k
PDI-SG-B439	SE	PCB-4	0.012	0.0050	0.0050	ng/g	JN	k
PDI-SG-B439	SE	PCB-46	0.0093	0.00043	0.00043	ng/g	JN	k
PDI-SG-B439	SE	PCB-48	0.020	0.00034	0.00034	ng/g	JN	k
PDI-SG-B439	SE	PCB-58	0.0042	0.00026	0.00026	ng/g	JN	k
PDI-SG-B439	SE	PCB-6	0.0071	0.0035	0.0035	ng/g	JN	k
PDI-SG-B439	SE	PCB-63	0.011	0.00023	0.00023	ng/g	JN	k
PDI-SG-B439	SE	PCB-67	0.0055	0.00022	0.00022	ng/g	JN	k
PDI-SG-B439	SE	PCB-68	0.012	0.00022	0.00022	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B439	SE	PCB-77	0.0085	0.00024	0.00024	ng/g	JN	k
PDI-SG-B439	SE	PCB-8	0.012	0.0032	0.0032	ng/g	JN	k
PDI-SG-B439	SE	PCB-96	0.015	0.00028	0.00028	ng/g	JN	k
PDI-SG-B440	SE	PCB-102	0.0029	0.00031	0.00031	ng/g	JN	k
PDI-SG-B440	SE	PCB-103	0.0019	0.00032	0.00032	ng/g	JN	k
PDI-SG-B440	SE	PCB-107	0.012	0.0019	0.0019	ng/g	JN	k
PDI-SG-B440	SE	PCB-11	0.052	0.0050	0.0050	ng/g	J+	bl
PDI-SG-B440	SE	PCB-112	0.0017	0.00024	0.00024	ng/g	JN	k
PDI-SG-B440	SE	PCB-123	0.0040	0.0017	0.0017	ng/g	JN	k
PDI-SG-B440	SE	PCB-134	0.012	0.0025	0.0025	ng/g	JN	k
PDI-SG-B440	SE	PCB-143	0.012	0.0025	0.0025	ng/g	JN	k
PDI-SG-B440	SE	PCB-144	0.0076	0.000035	0.000035	ng/g	JN	k
PDI-SG-B440	SE	PCB-15	0.014	0.0051	0.0051	ng/g	JN	k
PDI-SG-B440	SE	PCB-154	0.0041	0.000030	0.000030	ng/g	JN	k
PDI-SG-B440	SE	PCB-17	0.014	0.00043	0.00043	ng/g	JN	k
PDI-SG-B440	SE	PCB-171	0.017	0.00013	0.00013	ng/g	JN	k
PDI-SG-B440	SE	PCB-172	0.010	0.00013	0.00013	ng/g	JN	k
PDI-SG-B440	SE	PCB-173	0.017	0.00013	0.00013	ng/g	JN	k
PDI-SG-B440	SE	PCB-175	0.0027	0.00012	0.00012	ng/g	JN	k
PDI-SG-B440	SE	PCB-176	0.0078	0.000090	0.000090	ng/g	JN	k
PDI-SG-B440	SE	PCB-178	0.018	0.00013	0.00013	ng/g	JN	k
PDI-SG-B440	SE	PCB-180	0.14	0.000099	0.000099	ng/g	JN	k
PDI-SG-B440	SE	PCB-19	0.0039	0.00052	0.00052	ng/g	JN	k
PDI-SG-B440	SE	PCB-190	0.012	0.000086	0.000086	ng/g	JN	k
PDI-SG-B440	SE	PCB-193	0.14	0.000099	0.000099	ng/g	JN	k
PDI-SG-B440	SE	PCB-194	0.041	0.0021	0.0021	ng/g	JN	k
PDI-SG-B440	SE	PCB-198	0.041	0.00022	0.00022	ng/g	JN	k
PDI-SG-B440	SE	PCB-199	0.041	0.00022	0.00022	ng/g	JN	k
PDI-SG-B440	SE	PCB-201	0.0038	0.00015	0.00015	ng/g	JN	k
PDI-SG-B440	SE	PCB-202	0.0095	0.00017	0.00017	ng/g	JN	k
PDI-SG-B440	SE	PCB-203	0.024	0.00019	0.00019	ng/g	JN	k
PDI-SG-B440	SE	PCB-208	0.0068	0.0015	0.0015	ng/g	JN	k
PDI-SG-B440	SE	PCB-27	0.0026	0.00031	0.00031	ng/g	JN	k
PDI-SG-B440	SE	PCB-31	0.059	0.00096	0.00096	ng/g	JN	k
PDI-SG-B440	SE	PCB-4	0.0099	0.0078	0.0078	ng/g	JN	k
PDI-SG-B440	SE	PCB-46	0.0042	0.00053	0.00053	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B440	SE	PCB-50	0.0086	0.00040	0.00040	ng/g	JN	k
PDI-SG-B440	SE	PCB-53	0.0086	0.00040	0.00040	ng/g	JN	k
PDI-SG-B440	SE	PCB-55	0.0021	0.00030	0.00030	ng/g	JN	k
PDI-SG-B440	SE	PCB-63	0.0024	0.00028	0.00028	ng/g	JN	k
PDI-SG-B440	SE	PCB-77	0.0086	0.00029	0.00029	ng/g	JN	k
PDI-SG-B440	SE	PCB-79	0.0013	0.00027	0.00027	ng/g	JN	k
PDI-SG-B440	SE	PCB-82	0.015	0.00037	0.00037	ng/g	JN	k
PDI-SG-B440	SE	PCB-88	0.019	0.00034	0.00034	ng/g	JN	k
PDI-SG-B440	SE	PCB-91	0.019	0.00034	0.00034	ng/g	JN	k
PDI-SG-B440	SE	PCB-98	0.0029	0.00031	0.00031	ng/g	JN	k
PDI-SG-B441	SE	PCB-102	0.0015	0.00013	0.00013	ng/g	JN	k
PDI-SG-B441	SE	PCB-103	0.0021	0.00014	0.00014	ng/g	JN	k
PDI-SG-B441	SE	PCB-109	0.029	0.00012	0.00012	ng/g	JN	k
PDI-SG-B441	SE	PCB-11	0.021	0.0029	0.0029	ng/g	JN	k,bl
PDI-SG-B441	SE	PCB-119	0.029	0.00012	0.00012	ng/g	JN	k
PDI-SG-B441	SE	PCB-125	0.029	0.00012	0.00012	ng/g	JN	k
PDI-SG-B441	SE	PCB-136	0.0077	0.000044	0.000044	ng/g	JN	k
PDI-SG-B441	SE	PCB-141	0.014	0.0018	0.0018	ng/g	JN	k
PDI-SG-B441	SE	PCB-156	0.0053	0.0018	0.0018	ng/g	JN	k
PDI-SG-B441	SE	PCB-157	0.0053	0.0018	0.0018	ng/g	JN	k
PDI-SG-B441	SE	PCB-17	0.0025	0.00019	0.00019	ng/g	JN	k
PDI-SG-B441	SE	PCB-171	0.0067	0.00096	0.00096	ng/g	JN	k
PDI-SG-B441	SE	PCB-173	0.0067	0.00096	0.00096	ng/g	JN	k
PDI-SG-B441	SE	PCB-176	0.0018	0.00065	0.00065	ng/g	JN	k
PDI-SG-B441	SE	PCB-178	0.0046	0.00094	0.00094	ng/g	JN	k
PDI-SG-B441	SE	PCB-187	0.030	0.00080	0.00080	ng/g	JN	k
PDI-SG-B441	SE	PCB-190	0.0047	0.00063	0.00063	ng/g	JN	k
PDI-SG-B441	SE	PCB-194	0.011	0.0024	0.0024	ng/g	JN	k
PDI-SG-B441	SE	PCB-201	0.00064	0.00043	0.00043	ng/g	JN	k
PDI-SG-B441	SE	PCB-202	0.0027	0.00048	0.00048	ng/g	JN	k
PDI-SG-B441	SE	PCB-203	0.0067	0.00056	0.00056	ng/g	JN	k
PDI-SG-B441	SE	PCB-209	0.011	0.00020	0.00020	ng/g	JN	k
PDI-SG-B441	SE	PCB-3	0.0034	0.00019	0.00019	ng/g	J+	bl
PDI-SG-B441	SE	PCB-40	0.0091	0.00014	0.00014	ng/g	JN	k
PDI-SG-B441	SE	PCB-41	0.0091	0.00014	0.00014	ng/g	JN	k
PDI-SG-B441	SE	PCB-44	0.027	0.00012	0.00012	ng/g	J+	bl

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B441	SE	PCB-45	0.0023	0.00015	0.00015	ng/g	JN	k
PDI-SG-B441	SE	PCB-47	0.027	0.00012	0.00012	ng/g	J+	bl
PDI-SG-B441	SE	PCB-50	0.0024	0.00014	0.00014	ng/g	JN	k
PDI-SG-B441	SE	PCB-51	0.0023	0.00015	0.00015	ng/g	JN	k
PDI-SG-B441	SE	PCB-53	0.0024	0.00014	0.00014	ng/g	JN	k
PDI-SG-B441	SE	PCB-55	0.00051	0.00010	0.00010	ng/g	JN	k
PDI-SG-B441	SE	PCB-56	0.0085	0.00010	0.00010	ng/g	JN	k
PDI-SG-B441	SE	PCB-59	0.0013	0.000099	0.000099	ng/g	JN	k
PDI-SG-B441	SE	PCB-60	0.0037	0.00010	0.00010	ng/g	JN	k
PDI-SG-B441	SE	PCB-62	0.0013	0.000099	0.000099	ng/g	JN	k
PDI-SG-B441	SE	PCB-63	0.00080	0.000095	0.000095	ng/g	JN	k
PDI-SG-B441	SE	PCB-65	0.027	0.00012	0.00012	ng/g	J+	bl
PDI-SG-B441	SE	PCB-71	0.0091	0.00014	0.00014	ng/g	JN	k
PDI-SG-B441	SE	PCB-72	0.00087	0.00010	0.00010	ng/g	JN	k
PDI-SG-B441	SE	PCB-75	0.0013	0.000099	0.000099	ng/g	JN	k
PDI-SG-B441	SE	PCB-77	0.0035	0.00010	0.00010	ng/g	JN	k
PDI-SG-B441	SE	PCB-8	0.0039	0.0027	0.0027	ng/g	JN	k
PDI-SG-B441	SE	PCB-82	0.0044	0.00016	0.00016	ng/g	JN	k
PDI-SG-B441	SE	PCB-84	0.011	0.00016	0.00016	ng/g	JN	k
PDI-SG-B441	SE	PCB-86	0.029	0.00012	0.00012	ng/g	JN	k
PDI-SG-B441	SE	PCB-87	0.029	0.00012	0.00012	ng/g	JN	k
PDI-SG-B441	SE	PCB-92	0.011	0.00014	0.00014	ng/g	JN	k
PDI-SG-B441	SE	PCB-97	0.029	0.00012	0.00012	ng/g	JN	k
PDI-SG-B441	SE	PCB-98	0.0015	0.00013	0.00013	ng/g	JN	k
PDI-SG-B442	SE	PCB-100	0.0023	0.00016	0.00016	ng/g	JN	k
PDI-SG-B442	SE	PCB-102	0.0045	0.00015	0.00015	ng/g	JN	k
PDI-SG-B442	SE	PCB-107	0.013	0.0019	0.0019	ng/g	JN	k
PDI-SG-B442	SE	PCB-108	0.0062	0.0018	0.0018	ng/g	JN	k
PDI-SG-B442	SE	PCB-11	0.045	0.0027	0.0027	ng/g	J+	bl
PDI-SG-B442	SE	PCB-124	0.0062	0.0018	0.0018	ng/g	JN	k
PDI-SG-B442	SE	PCB-15	0.015	0.0029	0.0029	ng/g	JN	k
PDI-SG-B442	SE	PCB-16	0.0046	0.00028	0.00028	ng/g	JN	k
PDI-SG-B442	SE	PCB-17	0.0066	0.00025	0.00025	ng/g	JN	k
PDI-SG-B442	SE	PCB-18	0.011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B442	SE	PCB-189	0.020	0.0024	0.0024	ng/g	JN	k
PDI-SG-B442	SE	PCB-2	0.0070	0.00029	0.00029	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B442	SE	PCB-207	0.012	0.0014	0.0014	ng/g	JN	k
PDI-SG-B442	SE	PCB-208	0.024	0.0013	0.0013	ng/g	JN	k
PDI-SG-B442	SE	PCB-209	0.030	0.00062	0.00062	ng/g	JN	k
PDI-SG-B442	SE	PCB-25	0.0041	0.00075	0.00075	ng/g	JN	k
PDI-SG-B442	SE	PCB-26	0.0068	0.00080	0.00080	ng/g	JN	k
PDI-SG-B442	SE	PCB-29	0.0068	0.00080	0.00080	ng/g	JN	k
PDI-SG-B442	SE	PCB-30	0.011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B442	SE	PCB-4	0.0043	0.0040	0.0040	ng/g	JN	k
PDI-SG-B442	SE	PCB-40	0.024	0.00032	0.00032	ng/g	JN	k
PDI-SG-B442	SE	PCB-41	0.024	0.00032	0.00032	ng/g	JN	k
PDI-SG-B442	SE	PCB-42	0.014	0.00032	0.00032	ng/g	JN	k
PDI-SG-B442	SE	PCB-43	0.0017	0.00030	0.00030	ng/g	JN	k
PDI-SG-B442	SE	PCB-46	0.0040	0.00040	0.00040	ng/g	JN	k
PDI-SG-B442	SE	PCB-59	0.0031	0.00022	0.00022	ng/g	JN	k
PDI-SG-B442	SE	PCB-62	0.0031	0.00022	0.00022	ng/g	JN	k
PDI-SG-B442	SE	PCB-63	0.0025	0.00021	0.00021	ng/g	JN	k
PDI-SG-B442	SE	PCB-71	0.024	0.00032	0.00032	ng/g	JN	k
PDI-SG-B442	SE	PCB-73	0.0017	0.00030	0.00030	ng/g	JN	k
PDI-SG-B442	SE	PCB-75	0.0031	0.00022	0.00022	ng/g	JN	k
PDI-SG-B442	SE	PCB-77	0.0079	0.00023	0.00023	ng/g	JN	k
PDI-SG-B442	SE	PCB-8	0.0073	0.0026	0.0026	ng/g	JN	k
PDI-SG-B442	SE	PCB-82	0.017	0.00018	0.00018	ng/g	JN	k
PDI-SG-B442	SE	PCB-92	0.040	0.00016	0.00016	ng/g	JN	k
PDI-SG-B442	SE	PCB-93	0.0023	0.00016	0.00016	ng/g	JN	k
PDI-SG-B442	SE	PCB-98	0.0045	0.00015	0.00015	ng/g	JN	k
PDI-SG-B443	SE	PCB-102	0.0049	0.00031	0.00031	ng/g	JN	k
PDI-SG-B443	SE	PCB-108	0.0044	0.0014	0.0014	ng/g	JN	k
PDI-SG-B443	SE	PCB-11	0.026	0.0030	0.0030	ng/g	JN	k,bl
PDI-SG-B443	SE	PCB-112	0.0012	0.00024	0.00024	ng/g	JN	k
PDI-SG-B443	SE	PCB-123	0.0024	0.0014	0.0014	ng/g	JN	k
PDI-SG-B443	SE	PCB-124	0.0044	0.0014	0.0014	ng/g	JN	k
PDI-SG-B443	SE	PCB-128	0.031	0.0020	0.0020	ng/g	JN	k
PDI-SG-B443	SE	PCB-130	0.012	0.0028	0.0028	ng/g	JN	k
PDI-SG-B443	SE	PCB-134	0.0074	0.0027	0.0027	ng/g	JN	k
PDI-SG-B443	SE	PCB-135	0.046	0.00023	0.00023	ng/g	JN	k
PDI-SG-B443	SE	PCB-137	0.0069	0.0024	0.0024	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B443	SE	PCB-143	0.0074	0.0027	0.0027	ng/g	JN	k
PDI-SG-B443	SE	PCB-144	0.0045	0.00021	0.00021	ng/g	JN	k
PDI-SG-B443	SE	PCB-148	0.0010	0.00023	0.00023	ng/g	JN	k
PDI-SG-B443	SE	PCB-150	0.0018	0.00015	0.00015	ng/g	JN	k
PDI-SG-B443	SE	PCB-151	0.046	0.00023	0.00023	ng/g	JN	k
PDI-SG-B443	SE	PCB-154	0.0075	0.00018	0.00018	ng/g	JN	k
PDI-SG-B443	SE	PCB-16	0.0036	0.00027	0.00027	ng/g	JN	k
PDI-SG-B443	SE	PCB-166	0.031	0.0020	0.0020	ng/g	JN	k
PDI-SG-B443	SE	PCB-17	0.0068	0.00024	0.00024	ng/g	JN	k
PDI-SG-B443	SE	PCB-170	0.051	0.0010	0.0010	ng/g	JN	k
PDI-SG-B443	SE	PCB-177	0.035	0.00082	0.00082	ng/g	JN	k
PDI-SG-B443	SE	PCB-183	0.034	0.00076	0.00076	ng/g	JN	k
PDI-SG-B443	SE	PCB-185	0.034	0.00076	0.00076	ng/g	JN	k
PDI-SG-B443	SE	PCB-19	0.0017	0.00029	0.00029	ng/g	JN	k
PDI-SG-B443	SE	PCB-190	0.0088	0.00056	0.00056	ng/g	JN	k
PDI-SG-B443	SE	PCB-194	0.028	0.0036	0.0036	ng/g	JN	k
PDI-SG-B443	SE	PCB-196	0.014	0.0011	0.0011	ng/g	JN	k
PDI-SG-B443	SE	PCB-200	0.0043	0.00074	0.00074	ng/g	JN	k
PDI-SG-B443	SE	PCB-206	0.015	0.0028	0.0028	ng/g	JN	k
PDI-SG-B443	SE	PCB-208	0.0066	0.0016	0.0016	ng/g	JN	k
PDI-SG-B443	SE	PCB-209	0.027	0.0012	0.0012	ng/g	JN	k
PDI-SG-B443	SE	PCB-26	0.0045	0.00079	0.00079	ng/g	JN	k
PDI-SG-B443	SE	PCB-29	0.0045	0.00079	0.00079	ng/g	JN	k
PDI-SG-B443	SE	PCB-32	0.0064	0.00017	0.00017	ng/g	JN	k
PDI-SG-B443	SE	PCB-40	0.022	0.00022	0.00022	ng/g	JN	k
PDI-SG-B443	SE	PCB-41	0.022	0.00022	0.00022	ng/g	JN	k
PDI-SG-B443	SE	PCB-43	0.0019	0.00021	0.00021	ng/g	JN	k
PDI-SG-B443	SE	PCB-48	0.0041	0.00022	0.00022	ng/g	JN	k
PDI-SG-B443	SE	PCB-50	0.0056	0.00021	0.00021	ng/g	JN	k
PDI-SG-B443	SE	PCB-53	0.0056	0.00021	0.00021	ng/g	JN	k
PDI-SG-B443	SE	PCB-55	0.0014	0.00016	0.00016	ng/g	JN	k
PDI-SG-B443	SE	PCB-58	0.00054	0.00016	0.00016	ng/g	JN	k
PDI-SG-B443	SE	PCB-60	0.0041	0.00016	0.00016	ng/g	JN	k
PDI-SG-B443	SE	PCB-63	0.0019	0.00015	0.00015	ng/g	JN	k
PDI-SG-B443	SE	PCB-67	0.0012	0.00014	0.00014	ng/g	JN	k
PDI-SG-B443	SE	PCB-71	0.022	0.00022	0.00022	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B443	SE	PCB-73	0.0019	0.00021	0.00021	ng/g	JN	k
PDI-SG-B443	SE	PCB-77	0.0069	0.00015	0.00015	ng/g	JN	k
PDI-SG-B443	SE	PCB-8	0.0059	0.0028	0.0028	ng/g	JN	k
PDI-SG-B443	SE	PCB-82	0.011	0.00037	0.00037	ng/g	JN	k
PDI-SG-B443	SE	PCB-98	0.0049	0.00031	0.00031	ng/g	JN	k
PDI-SG-B444	SE	PCB-100	0.0022	0.00021	0.00021	ng/g	JN	k
PDI-SG-B444	SE	PCB-102	0.0019	0.00020	0.00020	ng/g	JN	k
PDI-SG-B444	SE	PCB-107	0.0085	0.0012	0.0012	ng/g	JN	k
PDI-SG-B444	SE	PCB-108	0.0044	0.0011	0.0011	ng/g	JN	k
PDI-SG-B444	SE	PCB-11	0.045	0.0030	0.0030	ng/g	J+	bl
PDI-SG-B444	SE	PCB-114	0.0021	0.0010	0.0010	ng/g	JN	k
PDI-SG-B444	SE	PCB-124	0.0044	0.0011	0.0011	ng/g	JN	k
PDI-SG-B444	SE	PCB-128	0.027	0.00077	0.00077	ng/g	JN	k
PDI-SG-B444	SE	PCB-132	0.046	0.0010	0.0010	ng/g	JN	k
PDI-SG-B444	SE	PCB-134	0.0075	0.0010	0.0010	ng/g	JN	k
PDI-SG-B444	SE	PCB-136	0.013	0.000030	0.000030	ng/g	JN	k
PDI-SG-B444	SE	PCB-137	0.0076	0.00090	0.00090	ng/g	JN	k
PDI-SG-B444	SE	PCB-143	0.0075	0.0010	0.0010	ng/g	JN	k
PDI-SG-B444	SE	PCB-154	0.0023	0.000033	0.000033	ng/g	JN	k
PDI-SG-B444	SE	PCB-16	0.0023	0.00022	0.00022	ng/g	JN	k
PDI-SG-B444	SE	PCB-166	0.027	0.00077	0.00077	ng/g	JN	k
PDI-SG-B444	SE	PCB-17	0.0039	0.00020	0.00020	ng/g	JN	k
PDI-SG-B444	SE	PCB-171	0.014	0.00019	0.00019	ng/g	JN	k
PDI-SG-B444	SE	PCB-173	0.014	0.00019	0.00019	ng/g	JN	k
PDI-SG-B444	SE	PCB-175	0.0018	0.00017	0.00017	ng/g	JN	k
PDI-SG-B444	SE	PCB-176	0.0045	0.00013	0.00013	ng/g	JN	k
PDI-SG-B444	SE	PCB-182	0.0016	0.00017	0.00017	ng/g	JN	k
PDI-SG-B444	SE	PCB-191	0.0021	0.00013	0.00013	ng/g	JN	k
PDI-SG-B444	SE	PCB-194	0.028	0.00052	0.00052	ng/g	JN	k
PDI-SG-B444	SE	PCB-197	0.00055	0.000059	0.000059	ng/g	JN	k
PDI-SG-B444	SE	PCB-198	0.037	0.000078	0.000078	ng/g	JN	k
PDI-SG-B444	SE	PCB-199	0.037	0.000078	0.000078	ng/g	JN	k
PDI-SG-B444	SE	PCB-2	0.0049	0.00027	0.00027	ng/g	JN	k
PDI-SG-B444	SE	PCB-201	0.0027	0.000054	0.000054	ng/g	JN	k
PDI-SG-B444	SE	PCB-202	0.0062	0.000060	0.000060	ng/g	JN	k
PDI-SG-B444	SE	PCB-206	0.025	0.00072	0.00072	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B444	SE	PCB-207	0.0023	0.00034	0.00034	ng/g	JN	k
PDI-SG-B444	SE	PCB-27	0.00071	0.00014	0.00014	ng/g	JN	k
PDI-SG-B444	SE	PCB-32	0.0047	0.00014	0.00014	ng/g	JN	k
PDI-SG-B444	SE	PCB-37	0.0084	0.00057	0.00057	ng/g	JN	k
PDI-SG-B444	SE	PCB-4	0.0053	0.0042	0.0042	ng/g	JN	k
PDI-SG-B444	SE	PCB-40	0.012	0.00023	0.00023	ng/g	JN	k
PDI-SG-B444	SE	PCB-41	0.012	0.00023	0.00023	ng/g	JN	k
PDI-SG-B444	SE	PCB-42	0.0061	0.00023	0.00023	ng/g	JN	k
PDI-SG-B444	SE	PCB-48	0.0039	0.00023	0.00023	ng/g	JN	k
PDI-SG-B444	SE	PCB-50	0.0032	0.00022	0.00022	ng/g	JN	k
PDI-SG-B444	SE	PCB-53	0.0032	0.00022	0.00022	ng/g	JN	k
PDI-SG-B444	SE	PCB-55	0.00087	0.00017	0.00017	ng/g	JN	k
PDI-SG-B444	SE	PCB-59	0.0024	0.00016	0.00016	ng/g	JN	k
PDI-SG-B444	SE	PCB-60	0.0043	0.00017	0.00017	ng/g	JN	k
PDI-SG-B444	SE	PCB-62	0.0024	0.00016	0.00016	ng/g	JN	k
PDI-SG-B444	SE	PCB-63	0.0010	0.00015	0.00015	ng/g	JN	k
PDI-SG-B444	SE	PCB-71	0.012	0.00023	0.00023	ng/g	JN	k
PDI-SG-B444	SE	PCB-72	0.00089	0.00017	0.00017	ng/g	JN	k
PDI-SG-B444	SE	PCB-75	0.0024	0.00016	0.00016	ng/g	JN	k
PDI-SG-B444	SE	PCB-77	0.0055	0.00016	0.00016	ng/g	JN	k
PDI-SG-B444	SE	PCB-79	0.00081	0.00015	0.00015	ng/g	JN	k
PDI-SG-B444	SE	PCB-8	0.0047	0.0028	0.0028	ng/g	JN	k
PDI-SG-B444	SE	PCB-81	0.00060	0.00016	0.00016	ng/g	JN	k
PDI-SG-B444	SE	PCB-88	0.011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B444	SE	PCB-91	0.011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B444	SE	PCB-93	0.0022	0.00021	0.00021	ng/g	JN	k
PDI-SG-B444	SE	PCB-95	0.058	0.00023	0.00023	ng/g	JN	k
PDI-SG-B444	SE	PCB-98	0.0019	0.00020	0.00020	ng/g	JN	k
PDI-SG-B445	SE	PCB-101	0.021	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-105	0.0079	0.0016	0.0016	ng/g	J+	bl
PDI-SG-B445	SE	PCB-109	0.012	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-11	-	0.013	0.0028	ng/g	U	bl
PDI-SG-B445	SE	PCB-113	0.021	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-119	0.012	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-120	0.00073	0.00017	0.00017	ng/g	JN	k
PDI-SG-B445	SE	PCB-125	0.012	0.00021	0.00021	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B445	SE	PCB-128	0.0082	0.0030	0.0030	ng/g	JN	k
PDI-SG-B445	SE	PCB-135	0.012	0.00026	0.00026	ng/g	JN	k
PDI-SG-B445	SE	PCB-144	0.0017	0.00023	0.00023	ng/g	JN	k
PDI-SG-B445	SE	PCB-146	0.012	0.0034	0.0034	ng/g	JN	k
PDI-SG-B445	SE	PCB-151	0.012	0.00026	0.00026	ng/g	JN	k
PDI-SG-B445	SE	PCB-154	0.0014	0.00020	0.00020	ng/g	JN	k
PDI-SG-B445	SE	PCB-158	0.0036	0.0024	0.0024	ng/g	JN	k
PDI-SG-B445	SE	PCB-166	0.0082	0.0030	0.0030	ng/g	JN	k
PDI-SG-B445	SE	PCB-172	0.0062	0.0013	0.0013	ng/g	JN	k
PDI-SG-B445	SE	PCB-177	0.014	0.0013	0.0013	ng/g	JN	k
PDI-SG-B445	SE	PCB-179	0.012	0.00096	0.00096	ng/g	JN	k
PDI-SG-B445	SE	PCB-18	0.0014	0.00022	0.00022	ng/g	JN	k
PDI-SG-B445	SE	PCB-183	0.018	0.0012	0.0012	ng/g	JN	k
PDI-SG-B445	SE	PCB-185	0.018	0.0012	0.0012	ng/g	JN	k
PDI-SG-B445	SE	PCB-194	0.018	0.0032	0.0032	ng/g	JN	k
PDI-SG-B445	SE	PCB-196	0.010	0.0015	0.0015	ng/g	JN	k
PDI-SG-B445	SE	PCB-20	0.0047	0.00080	0.00080	ng/g	JN	k,bl
PDI-SG-B445	SE	PCB-200	0.0015	0.0010	0.0010	ng/g	JN	k
PDI-SG-B445	SE	PCB-203	0.021	0.0013	0.0013	ng/g	JN	k
PDI-SG-B445	SE	PCB-207	0.0076	0.0019	0.0019	ng/g	JN	k
PDI-SG-B445	SE	PCB-21	0.0028	0.00078	0.00078	ng/g	JN	k
PDI-SG-B445	SE	PCB-28	0.0047	0.00080	0.00080	ng/g	JN	k,bl
PDI-SG-B445	SE	PCB-30	0.0014	0.00022	0.00022	ng/g	JN	k
PDI-SG-B445	SE	PCB-32	0.0013	0.00017	0.00017	ng/g	JN	k
PDI-SG-B445	SE	PCB-33	0.0028	0.00078	0.00078	ng/g	JN	k
PDI-SG-B445	SE	PCB-42	0.0019	0.00028	0.00028	ng/g	JN	k
PDI-SG-B445	SE	PCB-44	0.010	0.00025	0.00025	ng/g	J+	bl
PDI-SG-B445	SE	PCB-47	0.010	0.00025	0.00025	ng/g	J+	bl
PDI-SG-B445	SE	PCB-48	0.0010	0.00028	0.00028	ng/g	JN	k
PDI-SG-B445	SE	PCB-50	0.0013	0.00027	0.00027	ng/g	JN	k
PDI-SG-B445	SE	PCB-52	0.010	0.00028	0.00028	ng/g	JN	k,bl
PDI-SG-B445	SE	PCB-53	0.0013	0.00027	0.00027	ng/g	JN	k
PDI-SG-B445	SE	PCB-56	0.0031	0.00020	0.00020	ng/g	JN	k
PDI-SG-B445	SE	PCB-59	0.00060	0.00020	0.00020	ng/g	JN	k
PDI-SG-B445	SE	PCB-60	0.0014	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-61	0.015	0.00019	0.00019	ng/g	J+	bl

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B445	SE	PCB-62	0.00060	0.00020	0.00020	ng/g	JN	k
PDI-SG-B445	SE	PCB-64	0.0028	0.00019	0.00019	ng/g	JN	k
PDI-SG-B445	SE	PCB-65	0.010	0.00025	0.00025	ng/g	J+	bl
PDI-SG-B445	SE	PCB-66	0.0095	0.00019	0.00019	ng/g	J+	bl
PDI-SG-B445	SE	PCB-68	0.00075	0.00018	0.00018	ng/g	JN	k
PDI-SG-B445	SE	PCB-70	0.015	0.00019	0.00019	ng/g	J+	bl
PDI-SG-B445	SE	PCB-74	0.015	0.00019	0.00019	ng/g	J+	bl
PDI-SG-B445	SE	PCB-75	0.00060	0.00020	0.00020	ng/g	JN	k
PDI-SG-B445	SE	PCB-76	0.015	0.00019	0.00019	ng/g	J+	bl
PDI-SG-B445	SE	PCB-77	0.0014	0.00020	0.00020	ng/g	JN	k
PDI-SG-B445	SE	PCB-78	0.00059	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-82	0.0021	0.00028	0.00028	ng/g	JN	k
PDI-SG-B445	SE	PCB-86	0.012	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-87	0.012	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-90	0.021	0.00021	0.00021	ng/g	JN	k
PDI-SG-B445	SE	PCB-92	0.0035	0.00024	0.00024	ng/g	JN	k
PDI-SG-B445	SE	PCB-95	0.017	0.00027	0.00027	ng/g	J+	bl
PDI-SG-B445	SE	PCB-97	0.012	0.00021	0.00021	ng/g	JN	k
PDI-SG-B446	SE	PCB-1	0.00076	0.00010	0.00010	ng/g	JN	k
PDI-SG-B446	SE	PCB-107	0.0025	0.00063	0.00063	ng/g	JN	k
PDI-SG-B446	SE	PCB-108	0.0013	0.00060	0.00060	ng/g	JN	k
PDI-SG-B446	SE	PCB-109	0.016	0.000090	0.000090	ng/g	JN	k
PDI-SG-B446	SE	PCB-11	-	0.015	0.0033	ng/g	U	bl
PDI-SG-B446	SE	PCB-119	0.016	0.000090	0.000090	ng/g	JN	k
PDI-SG-B446	SE	PCB-123	0.00090	0.00057	0.00057	ng/g	JN	k
PDI-SG-B446	SE	PCB-124	0.0013	0.00060	0.00060	ng/g	JN	k
PDI-SG-B446	SE	PCB-125	0.016	0.000090	0.000090	ng/g	JN	k
PDI-SG-B446	SE	PCB-130	0.0042	0.0018	0.0018	ng/g	JN	k
PDI-SG-B446	SE	PCB-135	0.018	0.000046	0.000046	ng/g	JN	k
PDI-SG-B446	SE	PCB-136	0.0031	0.000033	0.000033	ng/g	JN	k
PDI-SG-B446	SE	PCB-146	0.012	0.0015	0.0015	ng/g	JN	k
PDI-SG-B446	SE	PCB-151	0.018	0.000046	0.000046	ng/g	JN	k
PDI-SG-B446	SE	PCB-167	0.0032	0.00084	0.00084	ng/g	JN	k
PDI-SG-B446	SE	PCB-176	0.0017	0.00034	0.00034	ng/g	JN	k
PDI-SG-B446	SE	PCB-177	0.023	0.00047	0.00047	ng/g	JN	k
PDI-SG-B446	SE	PCB-189	0.0020	0.00067	0.00067	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B446	SE	PCB-196	0.012	0.00021	0.00021	ng/g	JN	k
PDI-SG-B446	SE	PCB-198	0.044	0.00021	0.00021	ng/g	JN	k
PDI-SG-B446	SE	PCB-199	0.044	0.00021	0.00021	ng/g	JN	k
PDI-SG-B446	SE	PCB-20	-	0.0029	0.00038	ng/g	U	bl
PDI-SG-B446	SE	PCB-208	0.0046	0.00061	0.00061	ng/g	JN	k
PDI-SG-B446	SE	PCB-22	0.00092	0.00039	0.00039	ng/g	JN	k
PDI-SG-B446	SE	PCB-28	-	0.0029	0.00038	ng/g	U	bl
PDI-SG-B446	SE	PCB-32	0.0014	0.00013	0.00013	ng/g	JN	k
PDI-SG-B446	SE	PCB-37	0.0017	0.00039	0.00039	ng/g	JN	k
PDI-SG-B446	SE	PCB-42	0.0011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B446	SE	PCB-44	0.018	0.00020	0.00020	ng/g	J+	bl
PDI-SG-B446	SE	PCB-47	0.018	0.00020	0.00020	ng/g	J+	bl
PDI-SG-B446	SE	PCB-50	0.0011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B446	SE	PCB-52	0.013	0.00022	0.00022	ng/g	J+	bl
PDI-SG-B446	SE	PCB-53	0.0011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B446	SE	PCB-61	0.013	0.00015	0.00015	ng/g	JN	k,bl
PDI-SG-B446	SE	PCB-65	0.018	0.00020	0.00020	ng/g	J+	bl
PDI-SG-B446	SE	PCB-66	0.0073	0.00015	0.00015	ng/g	J+	bl
PDI-SG-B446	SE	PCB-70	0.013	0.00015	0.00015	ng/g	JN	k,bl
PDI-SG-B446	SE	PCB-74	0.013	0.00015	0.00015	ng/g	JN	k,bl
PDI-SG-B446	SE	PCB-76	0.013	0.00015	0.00015	ng/g	JN	k,bl
PDI-SG-B446	SE	PCB-77	0.00060	0.00016	0.00016	ng/g	JN	k
PDI-SG-B446	SE	PCB-82	0.0024	0.00012	0.00012	ng/g	JN	k
PDI-SG-B446	SE	PCB-86	0.016	0.000090	0.000090	ng/g	JN	k
PDI-SG-B446	SE	PCB-87	0.016	0.000090	0.000090	ng/g	JN	k
PDI-SG-B446	SE	PCB-88	0.0027	0.00011	0.00011	ng/g	JN	k
PDI-SG-B446	SE	PCB-91	0.0027	0.00011	0.00011	ng/g	JN	k
PDI-SG-B446	SE	PCB-92	0.0031	0.00010	0.00010	ng/g	JN	k
PDI-SG-B446	SE	PCB-95	0.019	0.00011	0.00011	ng/g	JN	k,bl
PDI-SG-B446	SE	PCB-97	0.016	0.000090	0.000090	ng/g	JN	k
PDI-SG-B447	SE	PCB-107	0.040	0.0017	0.0017	ng/g	JN	k
PDI-SG-B447	SE	PCB-108	0.028	0.0016	0.0016	ng/g	JN	k
PDI-SG-B447	SE	PCB-11	0.056	0.0023	0.0023	ng/g	J+	bl
PDI-SG-B447	SE	PCB-122	0.0086	0.0018	0.0018	ng/g	JN	k
PDI-SG-B447	SE	PCB-123	0.014	0.0016	0.0016	ng/g	JN	k
PDI-SG-B447	SE	PCB-124	0.028	0.0016	0.0016	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B447	SE	PCB-126	0.0021	0.0017	0.0017	ng/g	JN	k
PDI-SG-B447	SE	PCB-145	0.00082	0.000049	0.000049	ng/g	JN	k
PDI-SG-B447	SE	PCB-154	0.012	0.000056	0.000056	ng/g	JN	k
PDI-SG-B447	SE	PCB-162	0.0048	0.0022	0.0022	ng/g	JN	k
PDI-SG-B447	SE	PCB-169	0.0067	0.0017	0.0017	ng/g	JN	k
PDI-SG-B447	SE	PCB-176	0.044	0.00012	0.00012	ng/g	JN	k
PDI-SG-B447	SE	PCB-3	0.0014	0.00024	0.00024	ng/g	JN	k,bl
PDI-SG-B447	SE	PCB-35	0.0023	0.00062	0.00062	ng/g	JN	k
PDI-SG-B447	SE	PCB-46	0.0080	0.00018	0.00018	ng/g	JN	k
PDI-SG-B447	SE	PCB-6	0.0051	0.0023	0.0023	ng/g	JN	k
PDI-SG-B447	SE	PCB-79	0.0048	0.000092	0.000092	ng/g	JN	k
PDI-SG-B448	SE	PCB-100	0.014	0.00011	0.00011	ng/g	JN	k
PDI-SG-B448	SE	PCB-11	0.032	0.0028	0.0028	ng/g	J+	bl
PDI-SG-B448	SE	PCB-114	0.0079	0.0015	0.0015	ng/g	JN	k
PDI-SG-B448	SE	PCB-12	0.0085	0.0029	0.0029	ng/g	JN	k
PDI-SG-B448	SE	PCB-122	0.0094	0.0018	0.0018	ng/g	JN	k
PDI-SG-B448	SE	PCB-13	0.0085	0.0029	0.0029	ng/g	JN	k
PDI-SG-B448	SE	PCB-134	0.062	0.0037	0.0037	ng/g	JN	k
PDI-SG-B448	SE	PCB-135	0.24	0.00012	0.00012	ng/g	JN	k
PDI-SG-B448	SE	PCB-143	0.062	0.0037	0.0037	ng/g	JN	k
PDI-SG-B448	SE	PCB-148	0.0047	0.00011	0.00011	ng/g	JN	k
PDI-SG-B448	SE	PCB-150	0.0023	0.000077	0.000077	ng/g	JN	k
PDI-SG-B448	SE	PCB-151	0.24	0.00012	0.00012	ng/g	JN	k
PDI-SG-B448	SE	PCB-152	0.0010	0.000083	0.000083	ng/g	JN	k
PDI-SG-B448	SE	PCB-159	0.0079	0.0024	0.0024	ng/g	JN	k
PDI-SG-B448	SE	PCB-169	0.0044	0.0019	0.0019	ng/g	JN	k
PDI-SG-B448	SE	PCB-191	0.0091	0.00022	0.00022	ng/g	JN	k
PDI-SG-B448	SE	PCB-2	0.0050	0.00035	0.00035	ng/g	JN	k
PDI-SG-B448	SE	PCB-205	0.012	0.0010	0.0010	ng/g	JN	k
PDI-SG-B448	SE	PCB-24	0.0014	0.00029	0.00029	ng/g	JN	k
PDI-SG-B448	SE	PCB-3	0.0085	0.00038	0.00038	ng/g	JN	k
PDI-SG-B448	SE	PCB-4	0.019	0.0041	0.0041	ng/g	JN	k
PDI-SG-B448	SE	PCB-46	0.014	0.00019	0.00019	ng/g	JN	k
PDI-SG-B448	SE	PCB-48	0.040	0.00015	0.00015	ng/g	JN	k
PDI-SG-B448	SE	PCB-55	0.0052	0.00011	0.00011	ng/g	JN	k
PDI-SG-B448	SE	PCB-58	0.0065	0.00011	0.00011	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B448	SE	PCB-60	0.021	0.00011	0.00011	ng/g	JN	k
PDI-SG-B448	SE	PCB-67	0.0058	0.000098	0.000098	ng/g	JN	k
PDI-SG-B448	SE	PCB-7	0.0057	0.0029	0.0029	ng/g	JN	k
PDI-SG-B448	SE	PCB-72	0.022	0.00011	0.00011	ng/g	JN	k
PDI-SG-B448	SE	PCB-79	0.0077	0.000099	0.000099	ng/g	JN	k
PDI-SG-B448	SE	PCB-80	0.00090	0.000097	0.000097	ng/g	JN	k
PDI-SG-B448	SE	PCB-9	0.0054	0.0030	0.0030	ng/g	JN	k
PDI-SG-B448	SE	PCB-93	0.014	0.00011	0.00011	ng/g	JN	k
PDI-SG-B449	SE	PCB-11	0.048	0.0026	0.0026	ng/g	J+	bl
PDI-SG-B449	SE	PCB-116	0.025	0.00028	0.00028	ng/g	JN	k
PDI-SG-B449	SE	PCB-117	0.025	0.00028	0.00028	ng/g	JN	k
PDI-SG-B449	SE	PCB-123	0.0033	0.0013	0.0013	ng/g	JN	k
PDI-SG-B449	SE	PCB-133	0.015	0.0039	0.0039	ng/g	JN	k
PDI-SG-B449	SE	PCB-15	0.0091	0.0028	0.0028	ng/g	JN	k
PDI-SG-B449	SE	PCB-150	0.0024	0.00020	0.00020	ng/g	JN	k
PDI-SG-B449	SE	PCB-182	0.0054	0.00087	0.00087	ng/g	JN	k
PDI-SG-B449	SE	PCB-201	0.020	0.00049	0.00049	ng/g	JN	k
PDI-SG-B449	SE	PCB-205	0.014	0.0023	0.0023	ng/g	JN	k
PDI-SG-B449	SE	PCB-206	0.074	0.0016	0.0016	ng/g	JN	k
PDI-SG-B449	SE	PCB-26	0.0056	0.00068	0.00068	ng/g	JN	k
PDI-SG-B449	SE	PCB-27	0.0019	0.00018	0.00018	ng/g	JN	k
PDI-SG-B449	SE	PCB-29	0.0056	0.00068	0.00068	ng/g	JN	k
PDI-SG-B449	SE	PCB-31	0.023	0.00067	0.00067	ng/g	JN	k
PDI-SG-B449	SE	PCB-32	0.0054	0.00017	0.00017	ng/g	JN	k
PDI-SG-B449	SE	PCB-4	0.014	0.0039	0.0039	ng/g	JN	k
PDI-SG-B449	SE	PCB-42	0.0093	0.00022	0.00022	ng/g	JN	k
PDI-SG-B449	SE	PCB-46	0.0024	0.00028	0.00028	ng/g	JN	k
PDI-SG-B449	SE	PCB-48	0.0061	0.00022	0.00022	ng/g	JN	k
PDI-SG-B449	SE	PCB-5	0.0083	0.0031	0.0031	ng/g	JN	k
PDI-SG-B449	SE	PCB-54	0.0013	0.000020	0.000020	ng/g	JN	k
PDI-SG-B449	SE	PCB-60	0.0060	0.00016	0.00016	ng/g	JN	k
PDI-SG-B449	SE	PCB-63	0.0017	0.00015	0.00015	ng/g	JN	k
PDI-SG-B449	SE	PCB-67	0.0014	0.00014	0.00014	ng/g	JN	k
PDI-SG-B449	SE	PCB-84	0.025	0.00038	0.00038	ng/g	JN	k
PDI-SG-B449	SE	PCB-85	0.025	0.00028	0.00028	ng/g	JN	k
PDI-SG-B450	SE	PCB-105	0.0045	0.00024	0.00024	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B450	SE	PCB-107	0.0010	0.00026	0.00026	ng/g	JN	k
PDI-SG-B450	SE	PCB-109	0.0057	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-11	0.013	0.0032	0.0032	ng/g	J+	bl
PDI-SG-B450	SE	PCB-110	0.011	0.000049	0.000049	ng/g	JN	k
PDI-SG-B450	SE	PCB-115	0.011	0.000049	0.000049	ng/g	JN	k
PDI-SG-B450	SE	PCB-116	0.0025	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-117	0.0025	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-118	0.011	0.00023	0.00023	ng/g	JN	k
PDI-SG-B450	SE	PCB-119	0.0057	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-125	0.0057	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-128	0.0033	0.00037	0.00037	ng/g	JN	k
PDI-SG-B450	SE	PCB-132	0.0032	0.00049	0.00049	ng/g	JN	k
PDI-SG-B450	SE	PCB-134	0.00065	0.00050	0.00050	ng/g	JN	k
PDI-SG-B450	SE	PCB-135	0.0046	0.000016	0.000016	ng/g	JN	k
PDI-SG-B450	SE	PCB-136	0.00096	0.000012	0.000012	ng/g	JN	k
PDI-SG-B450	SE	PCB-143	0.00065	0.00050	0.00050	ng/g	JN	k
PDI-SG-B450	SE	PCB-144	0.00097	0.000015	0.000015	ng/g	JN	k
PDI-SG-B450	SE	PCB-147	0.014	0.00048	0.00048	ng/g	JN	k
PDI-SG-B450	SE	PCB-149	0.014	0.00048	0.00048	ng/g	JN	k
PDI-SG-B450	SE	PCB-151	0.0046	0.000016	0.000016	ng/g	JN	k
PDI-SG-B450	SE	PCB-164	0.0012	0.00034	0.00034	ng/g	JN	k
PDI-SG-B450	SE	PCB-166	0.0033	0.00037	0.00037	ng/g	JN	k
PDI-SG-B450	SE	PCB-171	0.0014	0.00020	0.00020	ng/g	JN	k
PDI-SG-B450	SE	PCB-173	0.0014	0.00020	0.00020	ng/g	JN	k
PDI-SG-B450	SE	PCB-178	0.0027	0.00020	0.00020	ng/g	JN	k
PDI-SG-B450	SE	PCB-18	-	0.0015	0.000063	ng/g	U	bl
PDI-SG-B450	SE	PCB-183	0.0051	0.00018	0.00018	ng/g	JN	k
PDI-SG-B450	SE	PCB-185	0.0051	0.00018	0.00018	ng/g	JN	k
PDI-SG-B450	SE	PCB-187	0.010	0.00017	0.00017	ng/g	JN	k
PDI-SG-B450	SE	PCB-190	0.0016	0.00013	0.00013	ng/g	JN	k
PDI-SG-B450	SE	PCB-194	0.0045	0.00032	0.00032	ng/g	JN	k
PDI-SG-B450	SE	PCB-195	0.0017	0.00035	0.00035	ng/g	JN	k
PDI-SG-B450	SE	PCB-196	0.0019	0.000077	0.000077	ng/g	JN	k
PDI-SG-B450	SE	PCB-2	0.00063	0.000049	0.000049	ng/g	JN	k,bl
PDI-SG-B450	SE	PCB-20	0.0025	0.00029	0.00029	ng/g	JN	k
PDI-SG-B450	SE	PCB-200	0.00069	0.000052	0.000052	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B450	SE	PCB-202	0.0012	0.000060	0.000060	ng/g	JN	k
PDI-SG-B450	SE	PCB-203	0.0028	0.000069	0.000069	ng/g	JN	k
PDI-SG-B450	SE	PCB-208	0.00098	0.00046	0.00046	ng/g	JN	k
PDI-SG-B450	SE	PCB-21	0.0015	0.00029	0.00029	ng/g	J+	bl
PDI-SG-B450	SE	PCB-28	0.0025	0.00029	0.00029	ng/g	JN	k
PDI-SG-B450	SE	PCB-3	0.00042	0.000055	0.000055	ng/g	JN	k
PDI-SG-B450	SE	PCB-30	-	0.0015	0.000063	ng/g	U	bl
PDI-SG-B450	SE	PCB-33	0.0015	0.00029	0.00029	ng/g	J+	bl
PDI-SG-B450	SE	PCB-42	0.0011	0.000085	0.000085	ng/g	JN	k
PDI-SG-B450	SE	PCB-44	0.0062	0.000075	0.000075	ng/g	J+	bl
PDI-SG-B450	SE	PCB-47	0.0062	0.000075	0.000075	ng/g	J+	bl
PDI-SG-B450	SE	PCB-52	0.0056	0.000084	0.000084	ng/g	J+	bl
PDI-SG-B450	SE	PCB-56	0.0017	0.000062	0.000062	ng/g	JN	k
PDI-SG-B450	SE	PCB-60	0.00087	0.000063	0.000063	ng/g	JN	k
PDI-SG-B450	SE	PCB-61	0.0076	0.000059	0.000059	ng/g	J+	bl
PDI-SG-B450	SE	PCB-65	0.0062	0.000075	0.000075	ng/g	J+	bl
PDI-SG-B450	SE	PCB-70	0.0076	0.000059	0.000059	ng/g	J+	bl
PDI-SG-B450	SE	PCB-74	0.0076	0.000059	0.000059	ng/g	J+	bl
PDI-SG-B450	SE	PCB-76	0.0076	0.000059	0.000059	ng/g	J+	bl
PDI-SG-B450	SE	PCB-77	0.00037	0.000061	0.000061	ng/g	JN	k
PDI-SG-B450	SE	PCB-82	0.0013	0.000078	0.000078	ng/g	JN	k
PDI-SG-B450	SE	PCB-83	0.0070	0.000071	0.000071	ng/g	JN	k
PDI-SG-B450	SE	PCB-85	0.0025	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-86	0.0057	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-87	0.0057	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-88	0.0013	0.000070	0.000070	ng/g	JN	k
PDI-SG-B450	SE	PCB-91	0.0013	0.000070	0.000070	ng/g	JN	k
PDI-SG-B450	SE	PCB-92	0.0010	0.000067	0.000067	ng/g	JN	k
PDI-SG-B450	SE	PCB-95	0.0062	0.000074	0.000074	ng/g	JN	k
PDI-SG-B450	SE	PCB-97	0.0057	0.000058	0.000058	ng/g	JN	k
PDI-SG-B450	SE	PCB-99	0.0070	0.000071	0.000071	ng/g	JN	k
PDI-SG-B451	SE	PCB-1	0.00086	0.000071	0.000071	ng/g	JN	k
PDI-SG-B451	SE	PCB-100	0.0027	0.00011	0.00011	ng/g	JN	k
PDI-SG-B451	SE	PCB-102	0.0015	0.00011	0.00011	ng/g	JN	k
PDI-SG-B451	SE	PCB-105	0.025	0.00062	0.00062	ng/g	JN	k
PDI-SG-B451	SE	PCB-108	0.0020	0.00067	0.00067	ng/g	JN	k,bl

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B451	SE	PCB-11	0.020	0.0026	0.0026	ng/g	JN	k,bl
PDI-SG-B451	SE	PCB-120	0.0011	0.000080	0.000080	ng/g	JN	k
PDI-SG-B451	SE	PCB-124	0.0020	0.00067	0.00067	ng/g	JN	k,bl
PDI-SG-B451	SE	PCB-135	0.033	0.000086	0.000086	ng/g	JN	k
PDI-SG-B451	SE	PCB-137	0.0050	0.00085	0.00085	ng/g	JN	k
PDI-SG-B451	SE	PCB-139	0.0023	0.00084	0.00084	ng/g	JN	k
PDI-SG-B451	SE	PCB-140	0.0023	0.00084	0.00084	ng/g	JN	k
PDI-SG-B451	SE	PCB-15	0.0045	0.0030	0.0030	ng/g	JN	k
PDI-SG-B451	SE	PCB-150	0.00022	0.000056	0.000056	ng/g	JN	k
PDI-SG-B451	SE	PCB-151	0.033	0.000086	0.000086	ng/g	JN	k
PDI-SG-B451	SE	PCB-154	0.0049	0.000067	0.000067	ng/g	JN	k
PDI-SG-B451	SE	PCB-17	0.0024	0.00017	0.00017	ng/g	JN	k
PDI-SG-B451	SE	PCB-171	0.0082	0.00022	0.00022	ng/g	JN	k
PDI-SG-B451	SE	PCB-173	0.0082	0.00022	0.00022	ng/g	JN	k
PDI-SG-B451	SE	PCB-175	0.0012	0.00020	0.00020	ng/g	JN	k
PDI-SG-B451	SE	PCB-176	0.0029	0.00015	0.00015	ng/g	JN	k
PDI-SG-B451	SE	PCB-18	0.0066	0.00015	0.00015	ng/g	J+	bl
PDI-SG-B451	SE	PCB-182	0.00082	0.00019	0.00019	ng/g	JN	k
PDI-SG-B451	SE	PCB-190	0.0051	0.00014	0.00014	ng/g	JN	k
PDI-SG-B451	SE	PCB-196	0.0074	0.00034	0.00034	ng/g	JN	k
PDI-SG-B451	SE	PCB-198	0.016	0.00035	0.00035	ng/g	JN	k
PDI-SG-B451	SE	PCB-199	0.016	0.00035	0.00035	ng/g	JN	k
PDI-SG-B451	SE	PCB-2	0.00096	0.000084	0.000084	ng/g	JN	k,bl
PDI-SG-B451	SE	PCB-200	0.0018	0.00023	0.00023	ng/g	JN	k
PDI-SG-B451	SE	PCB-201	0.0021	0.00024	0.00024	ng/g	JN	k
PDI-SG-B451	SE	PCB-21	0.0051	0.00048	0.00048	ng/g	JN	k
PDI-SG-B451	SE	PCB-22	0.0031	0.00050	0.00050	ng/g	JN	k
PDI-SG-B451	SE	PCB-26	0.0030	0.00048	0.00048	ng/g	JN	k
PDI-SG-B451	SE	PCB-29	0.0030	0.00048	0.00048	ng/g	JN	k
PDI-SG-B451	SE	PCB-30	0.0066	0.00015	0.00015	ng/g	J+	bl
PDI-SG-B451	SE	PCB-32	0.0021	0.00012	0.00012	ng/g	JN	k
PDI-SG-B451	SE	PCB-33	0.0051	0.00048	0.00048	ng/g	JN	k
PDI-SG-B451	SE	PCB-37	0.0041	0.00050	0.00050	ng/g	JN	k
PDI-SG-B451	SE	PCB-42	0.0052	0.00014	0.00014	ng/g	JN	k
PDI-SG-B451	SE	PCB-45	0.0016	0.00014	0.00014	ng/g	JN	k
PDI-SG-B451	SE	PCB-48	0.0023	0.00014	0.00014	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B451	SE	PCB-50	0.0016	0.00013	0.00013	ng/g	JN	k
PDI-SG-B451	SE	PCB-51	0.0016	0.00014	0.00014	ng/g	JN	k
PDI-SG-B451	SE	PCB-53	0.0016	0.00013	0.00013	ng/g	JN	k
PDI-SG-B451	SE	PCB-55	0.00085	0.000099	0.000099	ng/g	JN	k
PDI-SG-B451	SE	PCB-60	0.0028	0.00010	0.00010	ng/g	JN	k
PDI-SG-B451	SE	PCB-67	0.00093	0.000087	0.000087	ng/g	JN	k
PDI-SG-B451	SE	PCB-68	0.0013	0.000089	0.000089	ng/g	JN	k,bl
PDI-SG-B451	SE	PCB-79	0.0010	0.000088	0.000088	ng/g	JN	k
PDI-SG-B451	SE	PCB-8	0.0033	0.0025	0.0025	ng/g	JN	k
PDI-SG-B451	SE	PCB-82	0.0093	0.00013	0.00013	ng/g	JN	k
PDI-SG-B451	SE	PCB-88	0.015	0.00012	0.00012	ng/g	JN	k
PDI-SG-B451	SE	PCB-91	0.015	0.00012	0.00012	ng/g	JN	k
PDI-SG-B451	SE	PCB-93	0.0027	0.00011	0.00011	ng/g	JN	k
PDI-SG-B451	SE	PCB-98	0.0015	0.00011	0.00011	ng/g	JN	k
PDI-SG-B452	SE	PCB-100	0.0010	0.00011	0.00011	ng/g	JN	k
PDI-SG-B452	SE	PCB-102	0.0021	0.00011	0.00011	ng/g	JN	k
PDI-SG-B452	SE	PCB-107	0.0039	0.00081	0.00081	ng/g	JN	k
PDI-SG-B452	SE	PCB-109	0.033	0.000095	0.000095	ng/g	JN	k
PDI-SG-B452	SE	PCB-11	0.024	0.0037	0.0037	ng/g	JN	k
PDI-SG-B452	SE	PCB-116	0.013	0.000094	0.000094	ng/g	JN	k
PDI-SG-B452	SE	PCB-117	0.013	0.000094	0.000094	ng/g	JN	k
PDI-SG-B452	SE	PCB-119	0.033	0.000095	0.000095	ng/g	JN	k
PDI-SG-B452	SE	PCB-123	0.0016	0.00075	0.00075	ng/g	JN	k
PDI-SG-B452	SE	PCB-125	0.033	0.000095	0.000095	ng/g	JN	k
PDI-SG-B452	SE	PCB-134	0.0044	0.00097	0.00097	ng/g	JN	k
PDI-SG-B452	SE	PCB-136	0.0070	0.000020	0.000020	ng/g	JN	k
PDI-SG-B452	SE	PCB-143	0.0044	0.00097	0.00097	ng/g	JN	k
PDI-SG-B452	SE	PCB-146	0.015	0.00082	0.00082	ng/g	JN	k
PDI-SG-B452	SE	PCB-15	0.0048	0.0041	0.0041	ng/g	JN	k
PDI-SG-B452	SE	PCB-154	0.0042	0.000022	0.000022	ng/g	JN	k
PDI-SG-B452	SE	PCB-169	0.00073	0.00045	0.00045	ng/g	JN	k
PDI-SG-B452	SE	PCB-171	0.0050	0.00032	0.00032	ng/g	JN	k
PDI-SG-B452	SE	PCB-173	0.0050	0.00032	0.00032	ng/g	JN	k
PDI-SG-B452	SE	PCB-177	0.016	0.00030	0.00030	ng/g	JN	k
PDI-SG-B452	SE	PCB-18	0.0063	0.000072	0.000072	ng/g	JN	k,bl
PDI-SG-B452	SE	PCB-19	0.0017	0.00010	0.00010	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B452	SE	PCB-191	0.0011	0.00022	0.00022	ng/g	JN	k
PDI-SG-B452	SE	PCB-195	0.0066	0.00013	0.00013	ng/g	JN	k
PDI-SG-B452	SE	PCB-196	0.0076	0.000048	0.000048	ng/g	JN	k
PDI-SG-B452	SE	PCB-2	0.0017	0.00010	0.00010	ng/g	JN	k
PDI-SG-B452	SE	PCB-20	0.014	0.00044	0.00044	ng/g	JN	k
PDI-SG-B452	SE	PCB-203	0.014	0.000044	0.000044	ng/g	JN	k
PDI-SG-B452	SE	PCB-206	0.018	0.00013	0.00013	ng/g	JN	k
PDI-SG-B452	SE	PCB-207	0.0015	0.000091	0.000091	ng/g	JN	k
PDI-SG-B452	SE	PCB-25	0.0020	0.00041	0.00041	ng/g	JN	k
PDI-SG-B452	SE	PCB-26	0.0032	0.00043	0.00043	ng/g	JN	k
PDI-SG-B452	SE	PCB-28	0.014	0.00044	0.00044	ng/g	JN	k
PDI-SG-B452	SE	PCB-29	0.0032	0.00043	0.00043	ng/g	JN	k
PDI-SG-B452	SE	PCB-30	0.0063	0.000072	0.000072	ng/g	JN	k,bl
PDI-SG-B452	SE	PCB-32	0.0019	0.000057	0.000057	ng/g	JN	k
PDI-SG-B452	SE	PCB-37	0.0052	0.00045	0.00045	ng/g	JN	k
PDI-SG-B452	SE	PCB-42	0.0046	0.00074	0.00074	ng/g	JN	k
PDI-SG-B452	SE	PCB-45	0.0027	0.00077	0.00077	ng/g	JN	k
PDI-SG-B452	SE	PCB-48	0.0032	0.00074	0.00074	ng/g	JN	k
PDI-SG-B452	SE	PCB-49	0.016	0.00060	0.00060	ng/g	JN	k
PDI-SG-B452	SE	PCB-51	0.0027	0.00077	0.00077	ng/g	JN	k
PDI-SG-B452	SE	PCB-58	0.0010	0.00055	0.00055	ng/g	JN	k
PDI-SG-B452	SE	PCB-68	0.0012	0.00048	0.00048	ng/g	J+	bl
PDI-SG-B452	SE	PCB-69	0.016	0.00060	0.00060	ng/g	JN	k
PDI-SG-B452	SE	PCB-77	0.0028	0.00052	0.00052	ng/g	JN	k
PDI-SG-B452	SE	PCB-8	0.0039	0.0035	0.0035	ng/g	JN	k
PDI-SG-B452	SE	PCB-82	0.011	0.00013	0.00013	ng/g	JN	k
PDI-SG-B452	SE	PCB-83	0.033	0.00012	0.00012	ng/g	JN	k
PDI-SG-B452	SE	PCB-85	0.013	0.000094	0.000094	ng/g	JN	k
PDI-SG-B452	SE	PCB-86	0.033	0.000095	0.000095	ng/g	JN	k
PDI-SG-B452	SE	PCB-87	0.033	0.000095	0.000095	ng/g	JN	k
PDI-SG-B452	SE	PCB-88	0.0055	0.00011	0.00011	ng/g	JN	k
PDI-SG-B452	SE	PCB-91	0.0055	0.00011	0.00011	ng/g	JN	k
PDI-SG-B452	SE	PCB-93	0.0010	0.00011	0.00011	ng/g	JN	k
PDI-SG-B452	SE	PCB-97	0.033	0.000095	0.000095	ng/g	JN	k
PDI-SG-B452	SE	PCB-98	0.0021	0.00011	0.00011	ng/g	JN	k
PDI-SG-B452	SE	PCB-99	0.033	0.00012	0.00012	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B453	SE	PCB-1	0.0013	0.00013	0.00013	ng/g	JN	k
PDI-SG-B453	SE	PCB-100	0.0040	0.000092	0.000092	ng/g	JN	k
PDI-SG-B453	SE	PCB-101	0.25	0.000080	0.000080	ng/g	J	fd
PDI-SG-B453	SE	PCB-102	0.0034	0.000089	0.000089	ng/g	JN	k
PDI-SG-B453	SE	PCB-108	0.0052	0.0011	0.0011	ng/g	JN	k
PDI-SG-B453	SE	PCB-113	0.25	0.000080	0.000080	ng/g	J	fd
PDI-SG-B453	SE	PCB-114	0.0021	0.0010	0.0010	ng/g	JN	k
PDI-SG-B453	SE	PCB-120	0.0015	0.000066	0.000066	ng/g	JN	k
PDI-SG-B453	SE	PCB-124	0.0052	0.0011	0.0011	ng/g	JN	k
PDI-SG-B453	SE	PCB-129	0.72	0.0022	0.0022	ng/g	J	fd
PDI-SG-B453	SE	PCB-132	0.19	0.0028	0.0028	ng/g	J	fd
PDI-SG-B453	SE	PCB-134	0.028	0.0029	0.0029	ng/g	JN	k,fd
PDI-SG-B453	SE	PCB-135	0.32	0.00011	0.00011	ng/g	J	fd
PDI-SG-B453	SE	PCB-136	0.090	0.000082	0.000082	ng/g	J	fd
PDI-SG-B453	SE	PCB-138	0.72	0.0022	0.0022	ng/g	J	fd
PDI-SG-B453	SE	PCB-141	0.21	0.0026	0.0026	ng/g	J	fd
PDI-SG-B453	SE	PCB-143	0.028	0.0029	0.0029	ng/g	JN	k,fd
PDI-SG-B453	SE	PCB-144	0.044	0.00010	0.00010	ng/g	J	fd
PDI-SG-B453	SE	PCB-146	0.11	0.0024	0.0024	ng/g	J	fd
PDI-SG-B453	SE	PCB-147	0.73	0.0028	0.0028	ng/g	J	fd
PDI-SG-B453	SE	PCB-149	0.73	0.0028	0.0028	ng/g	J	fd
PDI-SG-B453	SE	PCB-15	0.0081	0.0034	0.0034	ng/g	JN	k
PDI-SG-B453	SE	PCB-151	0.32	0.00011	0.00011	ng/g	J	fd
PDI-SG-B453	SE	PCB-153	0.74	0.0019	0.0019	ng/g	J	fd
PDI-SG-B453	SE	PCB-154	0.019	0.000089	0.000089	ng/g	JN	k,fd
PDI-SG-B453	SE	PCB-158	0.067	0.0017	0.0017	ng/g	J	fd
PDI-SG-B453	SE	PCB-159	0.011	0.0018	0.0018	ng/g	J	fd
PDI-SG-B453	SE	PCB-16	0.0056	0.00020	0.00020	ng/g	JN	k
PDI-SG-B453	SE	PCB-160	0.72	0.0022	0.0022	ng/g	J	fd
PDI-SG-B453	SE	PCB-163	0.72	0.0022	0.0022	ng/g	J	fd
PDI-SG-B453	SE	PCB-164	0.053	0.0019	0.0019	ng/g	J	fd
PDI-SG-B453	SE	PCB-168	0.74	0.0019	0.0019	ng/g	J	fd
PDI-SG-B453	SE	PCB-169	0.0048	0.0012	0.0012	ng/g	JN	k
PDI-SG-B453	SE	PCB-17	0.0072	0.00018	0.00018	ng/g	JN	k
PDI-SG-B453	SE	PCB-170	0.44	0.00045	0.00045	ng/g	J	fd
PDI-SG-B453	SE	PCB-171	0.12	0.00042	0.00042	ng/g	J	fd

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B453	SE	PCB-172	0.084	0.00042	0.00042	ng/g	J	fd
PDI-SG-B453	SE	PCB-173	0.12	0.00042	0.00042	ng/g	J	fd
PDI-SG-B453	SE	PCB-174	0.49	0.00039	0.00039	ng/g	J	fd
PDI-SG-B453	SE	PCB-175	0.017	0.00038	0.00038	ng/g	J	fd
PDI-SG-B453	SE	PCB-176	0.055	0.00029	0.00029	ng/g	J	fd
PDI-SG-B453	SE	PCB-177	0.26	0.00040	0.00040	ng/g	J	fd
PDI-SG-B453	SE	PCB-178	0.094	0.00041	0.00041	ng/g	J	fd
PDI-SG-B453	SE	PCB-179	0.18	0.00030	0.00030	ng/g	J	fd
PDI-SG-B453	SE	PCB-180	1.1	0.00032	0.00032	ng/g	J	fd
PDI-SG-B453	SE	PCB-183	0.33	0.00037	0.00037	ng/g	J	fd
PDI-SG-B453	SE	PCB-185	0.33	0.00037	0.00037	ng/g	J	fd
PDI-SG-B453	SE	PCB-187	0.56	0.00035	0.00035	ng/g	J	fd
PDI-SG-B453	SE	PCB-189	0.011	0.0010	0.0010	ng/g	JN	k,fd
PDI-SG-B453	SE	PCB-190	0.090	0.00027	0.00027	ng/g	J	fd
PDI-SG-B453	SE	PCB-191	0.023	0.00028	0.00028	ng/g	J	fd
PDI-SG-B453	SE	PCB-193	1.1	0.00032	0.00032	ng/g	J	fd
PDI-SG-B453	SE	PCB-194	0.31	0.0014	0.0014	ng/g	J	fd
PDI-SG-B453	SE	PCB-195	0.12	0.0015	0.0015	ng/g	J	fd
PDI-SG-B453	SE	PCB-196	0.13	0.00041	0.00041	ng/g	J	fd
PDI-SG-B453	SE	PCB-197	0.011	0.00031	0.00031	ng/g	J	fd
PDI-SG-B453	SE	PCB-198	0.28	0.00042	0.00042	ng/g	J	fd
PDI-SG-B453	SE	PCB-199	0.28	0.00042	0.00042	ng/g	J	fd
PDI-SG-B453	SE	PCB-200	0.029	0.00028	0.00028	ng/g	J	fd
PDI-SG-B453	SE	PCB-201	0.027	0.00029	0.00029	ng/g	J	fd
PDI-SG-B453	SE	PCB-202	0.041	0.00032	0.00032	ng/g	J	fd
PDI-SG-B453	SE	PCB-203	0.16	0.00037	0.00037	ng/g	J	fd
PDI-SG-B453	SE	PCB-205	0.015	0.0011	0.0011	ng/g	J	fd
PDI-SG-B453	SE	PCB-206	0.083	0.0010	0.0010	ng/g	J	fd
PDI-SG-B453	SE	PCB-207	0.0062	0.00074	0.00074	ng/g	JN	k
PDI-SG-B453	SE	PCB-25	0.0030	0.00060	0.00060	ng/g	JN	k
PDI-SG-B453	SE	PCB-27	0.0019	0.00013	0.00013	ng/g	JN	k
PDI-SG-B453	SE	PCB-4	0.0052	0.0045	0.0045	ng/g	JN	k
PDI-SG-B453	SE	PCB-40	0.015	0.000081	0.000081	ng/g	JN	k
PDI-SG-B453	SE	PCB-41	0.015	0.000081	0.000081	ng/g	JN	k
PDI-SG-B453	SE	PCB-46	0.0022	0.00010	0.00010	ng/g	JN	k
PDI-SG-B453	SE	PCB-50	0.0048	0.000079	0.000079	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B453	SE	PCB-53	0.0048	0.000079	0.000079	ng/g	JN	k
PDI-SG-B453	SE	PCB-55	0.0011	0.000059	0.000059	ng/g	JN	k
PDI-SG-B453	SE	PCB-56	0.017	0.000059	0.000059	ng/g	JN	k
PDI-SG-B453	SE	PCB-59	0.0022	0.000057	0.000057	ng/g	JN	k
PDI-SG-B453	SE	PCB-6	0.0040	0.0032	0.0032	ng/g	JN	k
PDI-SG-B453	SE	PCB-62	0.0022	0.000057	0.000057	ng/g	JN	k
PDI-SG-B453	SE	PCB-63	0.0019	0.000055	0.000055	ng/g	JN	k
PDI-SG-B453	SE	PCB-68	-	0.00074	0.000053	ng/g	U	bl
PDI-SG-B453	SE	PCB-71	0.015	0.000081	0.000081	ng/g	JN	k
PDI-SG-B453	SE	PCB-72	0.00083	0.000059	0.000059	ng/g	JN	k
PDI-SG-B453	SE	PCB-75	0.0022	0.000057	0.000057	ng/g	JN	k
PDI-SG-B453	SE	PCB-79	0.0011	0.000053	0.000053	ng/g	JN	k
PDI-SG-B453	SE	PCB-8	0.0088	0.0029	0.0029	ng/g	JN	k
PDI-SG-B453	SE	PCB-90	0.25	0.000080	0.000080	ng/g	J	fd
PDI-SG-B453	SE	PCB-93	0.0040	0.000092	0.000092	ng/g	JN	k
PDI-SG-B453	SE	PCB-95	0.18	0.00010	0.00010	ng/g	J	fd
PDI-SG-B453	SE	PCB-98	0.0034	0.000089	0.000089	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-1	0.0016	0.00011	0.00011	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-100	0.0020	0.00019	0.00019	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-101	0.11	0.00017	0.00017	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-102	0.0025	0.00018	0.00018	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-11	0.034	0.0032	0.0032	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-113	0.11	0.00017	0.00017	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-120	0.0010	0.00014	0.00014	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-129	0.20	0.0012	0.0012	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-132	0.044	0.0016	0.0016	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-134	0.0072	0.0016	0.0016	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-135	0.051	0.000033	0.000033	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-136	0.013	0.000024	0.000024	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-137	0.0073	0.0014	0.0014	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-138	0.20	0.0012	0.0012	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-141	0.030	0.0014	0.0014	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-143	0.0072	0.0016	0.0016	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-144	0.0067	0.000030	0.000030	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-146	0.030	0.0013	0.0013	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-147	0.14	0.0015	0.0015	ng/g	J	fd

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B453-D	SE	PCB-149	0.14	0.0015	0.0015	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-15	0.0073	0.0035	0.0035	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-151	0.051	0.000033	0.000033	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-153	0.16	0.0011	0.0011	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-154	0.0022	0.000026	0.000026	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-158	0.017	0.00096	0.00096	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-159	-	0.0010	0.0010	ng/g	UJ	fd
PDI-SG-B453-D	SE	PCB-160	0.20	0.0012	0.0012	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-163	0.20	0.0012	0.0012	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-164	0.013	0.0011	0.0011	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-168	0.16	0.0011	0.0011	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-170	0.045	0.00028	0.00028	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-171	0.011	0.00026	0.00026	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-172	0.0087	0.00026	0.00026	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-173	0.011	0.00026	0.00026	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-174	0.036	0.00025	0.00025	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-175	-	0.00024	0.00024	ng/g	UJ	fd
PDI-SG-B453-D	SE	PCB-176	0.0037	0.00018	0.00018	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-177	0.027	0.00025	0.00025	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-178	0.0097	0.00026	0.00026	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-179	0.020	0.00019	0.00019	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-18	0.017	0.00022	0.00022	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-180	0.093	0.00020	0.00020	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-183	0.031	0.00023	0.00023	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-185	0.031	0.00023	0.00023	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-187	0.063	0.00022	0.00022	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-189	0.0018	0.00084	0.00084	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-19	0.0015	0.00031	0.00031	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-190	0.0083	0.00017	0.00017	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-191	0.0011	0.00018	0.00018	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-193	0.093	0.00020	0.00020	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-194	0.020	0.00034	0.00034	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-195	0.0078	0.00038	0.00038	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-196	0.0097	0.00010	0.00010	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-197	0.0012	0.000079	0.000079	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-198	0.027	0.00010	0.00010	ng/g	JN	k,fd

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B453-D	SE	PCB-199	0.027	0.00010	0.00010	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-200	0.0016	0.000070	0.000070	ng/g	JN	k,fd
PDI-SG-B453-D	SE	PCB-201	0.0025	0.000072	0.000072	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-202	0.0068	0.000080	0.000080	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-203	0.016	0.000093	0.000093	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-205	0.0015	0.00029	0.00029	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-206	0.020	0.00080	0.00080	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-209	0.028	0.000061	0.000061	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-25	0.0038	0.00051	0.00051	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-3	0.0013	0.00014	0.00014	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-30	0.017	0.00022	0.00022	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-37	0.0072	0.00056	0.00056	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-4	0.0065	0.0046	0.0046	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-42	0.0080	0.00013	0.00013	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-43	0.0022	0.00012	0.00012	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-45	0.0055	0.00014	0.00014	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-48	0.0057	0.00013	0.00013	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-49	0.029	0.00011	0.00011	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-51	0.0055	0.00014	0.00014	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-55	0.00066	0.000095	0.000095	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-6	0.0044	0.0033	0.0033	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-63	0.0014	0.000089	0.000089	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-68	0.0014	0.000086	0.000086	ng/g	JN	k,bl
PDI-SG-B453-D	SE	PCB-69	0.029	0.00011	0.00011	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-72	0.00085	0.000095	0.000095	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-73	0.0022	0.00012	0.00012	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-81	0.00086	0.000088	0.000088	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-90	0.11	0.00017	0.00017	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-93	0.0020	0.00019	0.00019	ng/g	JN	k
PDI-SG-B453-D	SE	PCB-95	0.088	0.00021	0.00021	ng/g	J	fd
PDI-SG-B453-D	SE	PCB-98	0.0025	0.00018	0.00018	ng/g	JN	k
PDI-SG-B454	SE	PCB-1	0.0013	0.00013	0.00013	ng/g	JN	k
PDI-SG-B454	SE	PCB-102	0.0017	0.000091	0.000091	ng/g	JN	k
PDI-SG-B454	SE	PCB-107	0.0058	0.00079	0.00079	ng/g	JN	k
PDI-SG-B454	SE	PCB-109	0.018	0.000081	0.000081	ng/g	JN	k
PDI-SG-B454	SE	PCB-110	0.089	0.000068	0.000068	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B454	SE	PCB-115	0.089	0.000068	0.000068	ng/g	JN	k
PDI-SG-B454	SE	PCB-119	0.018	0.000081	0.000081	ng/g	JN	k
PDI-SG-B454	SE	PCB-122	0.0021	0.00086	0.00086	ng/g	JN	k
PDI-SG-B454	SE	PCB-125	0.018	0.000081	0.000081	ng/g	JN	k
PDI-SG-B454	SE	PCB-134	0.0039	0.0012	0.0012	ng/g	JN	k
PDI-SG-B454	SE	PCB-137	0.0047	0.0010	0.0010	ng/g	JN	k
PDI-SG-B454	SE	PCB-141	0.014	0.0011	0.0011	ng/g	JN	k
PDI-SG-B454	SE	PCB-143	0.0039	0.0012	0.0012	ng/g	JN	k
PDI-SG-B454	SE	PCB-144	0.0030	0.000028	0.000028	ng/g	JN	k
PDI-SG-B454	SE	PCB-15	0.0055	0.0036	0.0036	ng/g	JN	k
PDI-SG-B454	SE	PCB-16	0.0035	0.00027	0.00027	ng/g	JN	k
PDI-SG-B454	SE	PCB-17	0.0058	0.00024	0.00024	ng/g	JN	k
PDI-SG-B454	SE	PCB-170	0.028	0.00016	0.00016	ng/g	JN	k
PDI-SG-B454	SE	PCB-171	0.0063	0.00016	0.00016	ng/g	JN	k
PDI-SG-B454	SE	PCB-173	0.0063	0.00016	0.00016	ng/g	JN	k
PDI-SG-B454	SE	PCB-176	0.0030	0.00011	0.00011	ng/g	JN	k
PDI-SG-B454	SE	PCB-177	0.018	0.00015	0.00015	ng/g	JN	k
PDI-SG-B454	SE	PCB-18	0.0084	0.00021	0.00021	ng/g	JN	k
PDI-SG-B454	SE	PCB-19	0.0012	0.00030	0.00030	ng/g	JN	k
PDI-SG-B454	SE	PCB-191	0.0013	0.00011	0.00011	ng/g	JN	k
PDI-SG-B454	SE	PCB-200	0.0015	0.000051	0.000051	ng/g	JN	k
PDI-SG-B454	SE	PCB-203	0.014	0.000068	0.000068	ng/g	JN	k
PDI-SG-B454	SE	PCB-207	0.0019	0.00047	0.00047	ng/g	JN	k
PDI-SG-B454	SE	PCB-208	0.0035	0.00047	0.00047	ng/g	JN	k
PDI-SG-B454	SE	PCB-21	0.0077	0.00049	0.00049	ng/g	JN	k
PDI-SG-B454	SE	PCB-25	0.0016	0.00046	0.00046	ng/g	JN	k
PDI-SG-B454	SE	PCB-27	0.0013	0.00018	0.00018	ng/g	JN	k
PDI-SG-B454	SE	PCB-3	0.0013	0.00015	0.00015	ng/g	JN	k
PDI-SG-B454	SE	PCB-30	0.0084	0.00021	0.00021	ng/g	JN	k
PDI-SG-B454	SE	PCB-32	0.0045	0.00017	0.00017	ng/g	JN	k
PDI-SG-B454	SE	PCB-33	0.0077	0.00049	0.00049	ng/g	JN	k
PDI-SG-B454	SE	PCB-37	0.0065	0.00051	0.00051	ng/g	JN	k
PDI-SG-B454	SE	PCB-43	0.0017	0.000091	0.000091	ng/g	JN	k
PDI-SG-B454	SE	PCB-48	0.0034	0.000097	0.000097	ng/g	JN	k
PDI-SG-B454	SE	PCB-60	0.0058	0.000072	0.000072	ng/g	JN	k
PDI-SG-B454	SE	PCB-63	0.0013	0.000066	0.000066	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B454	SE	PCB-68	0.0014	0.000064	0.000064	ng/g	JN	k,bl
PDI-SG-B454	SE	PCB-72	0.00076	0.000071	0.000071	ng/g	JN	k
PDI-SG-B454	SE	PCB-73	0.0017	0.000091	0.000091	ng/g	JN	k
PDI-SG-B454	SE	PCB-79	0.00083	0.000063	0.000063	ng/g	JN	k
PDI-SG-B454	SE	PCB-8	0.0054	0.0031	0.0031	ng/g	JN	k
PDI-SG-B454	SE	PCB-86	0.018	0.000081	0.000081	ng/g	JN	k
PDI-SG-B454	SE	PCB-87	0.018	0.000081	0.000081	ng/g	JN	k
PDI-SG-B454	SE	PCB-88	0.012	0.000098	0.000098	ng/g	JN	k
PDI-SG-B454	SE	PCB-91	0.012	0.000098	0.000098	ng/g	JN	k
PDI-SG-B454	SE	PCB-97	0.018	0.000081	0.000081	ng/g	JN	k
PDI-SG-B454	SE	PCB-98	0.0017	0.000091	0.000091	ng/g	JN	k
PDI-SG-B455	SE	PCB-100	0.0026	0.000098	0.000098	ng/g	JN	k
PDI-SG-B455	SE	PCB-103	0.0022	0.000098	0.000098	ng/g	JN	k
PDI-SG-B455	SE	PCB-108	0.0050	0.0010	0.0010	ng/g	JN	k
PDI-SG-B455	SE	PCB-114	0.0028	0.00089	0.00089	ng/g	JN	k
PDI-SG-B455	SE	PCB-120	0.0021	0.000070	0.000070	ng/g	JN	k
PDI-SG-B455	SE	PCB-122	0.0024	0.0011	0.0011	ng/g	JN	k
PDI-SG-B455	SE	PCB-123	0.0019	0.00099	0.00099	ng/g	JN	k
PDI-SG-B455	SE	PCB-124	0.0050	0.0010	0.0010	ng/g	JN	k
PDI-SG-B455	SE	PCB-133	0.0034	0.0018	0.0018	ng/g	JN	k
PDI-SG-B455	SE	PCB-139	0.0042	0.0016	0.0016	ng/g	JN	k
PDI-SG-B455	SE	PCB-140	0.0042	0.0016	0.0016	ng/g	JN	k
PDI-SG-B455	SE	PCB-148	0.00059	0.000070	0.000070	ng/g	JN	k
PDI-SG-B455	SE	PCB-15	0.0097	0.0033	0.0033	ng/g	JN	k
PDI-SG-B455	SE	PCB-154	0.0035	0.000056	0.000056	ng/g	JN	k
PDI-SG-B455	SE	PCB-164	0.015	0.0013	0.0013	ng/g	JN	k
PDI-SG-B455	SE	PCB-17	0.011	0.00025	0.00025	ng/g	JN	k
PDI-SG-B455	SE	PCB-174	0.057	0.00010	0.00010	ng/g	JN	k
PDI-SG-B455	SE	PCB-175	0.0027	0.00010	0.00010	ng/g	JN	k
PDI-SG-B455	SE	PCB-176	0.0063	0.000075	0.000075	ng/g	JN	k
PDI-SG-B455	SE	PCB-178	0.012	0.00011	0.00011	ng/g	JN	k
PDI-SG-B455	SE	PCB-179	0.028	0.000080	0.000080	ng/g	JN	k
PDI-SG-B455	SE	PCB-19	0.0019	0.00030	0.00030	ng/g	JN	k
PDI-SG-B455	SE	PCB-190	0.012	0.000072	0.000072	ng/g	JN	k
PDI-SG-B455	SE	PCB-191	0.0024	0.000075	0.000075	ng/g	JN	k
PDI-SG-B455	SE	PCB-195	0.010	0.00075	0.00075	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B455	SE	PCB-196	0.011	0.00021	0.00021	ng/g	JN	k
PDI-SG-B455	SE	PCB-197	0.00078	0.00016	0.00016	ng/g	JN	k
PDI-SG-B455	SE	PCB-202	0.0060	0.00017	0.00017	ng/g	JN	k
PDI-SG-B455	SE	PCB-208	0.0046	0.00081	0.00081	ng/g	JN	k
PDI-SG-B455	SE	PCB-22	0.010	0.00082	0.00082	ng/g	JN	k
PDI-SG-B455	SE	PCB-26	0.0075	0.00079	0.00079	ng/g	JN	k
PDI-SG-B455	SE	PCB-27	0.0022	0.00018	0.00018	ng/g	JN	k
PDI-SG-B455	SE	PCB-29	0.0075	0.00079	0.00079	ng/g	JN	k
PDI-SG-B455	SE	PCB-3	0.0016	0.00025	0.00025	ng/g	JN	k
PDI-SG-B455	SE	PCB-32	0.0066	0.00017	0.00017	ng/g	JN	k
PDI-SG-B455	SE	PCB-4	0.0040	0.0038	0.0038	ng/g	JN	k
PDI-SG-B455	SE	PCB-43	0.0028	0.00018	0.00018	ng/g	JN	k
PDI-SG-B455	SE	PCB-48	0.0066	0.00019	0.00019	ng/g	JN	k
PDI-SG-B455	SE	PCB-6	0.0047	0.0029	0.0029	ng/g	JN	k
PDI-SG-B455	SE	PCB-63	0.0020	0.00013	0.00013	ng/g	JN	k
PDI-SG-B455	SE	PCB-67	0.0016	0.00012	0.00012	ng/g	JN	k
PDI-SG-B455	SE	PCB-68	0.0025	0.00012	0.00012	ng/g	J+	bl
PDI-SG-B455	SE	PCB-73	0.0028	0.00018	0.00018	ng/g	JN	k
PDI-SG-B455	SE	PCB-8	0.010	0.0027	0.0027	ng/g	JN	k
PDI-SG-B455	SE	PCB-82	0.013	0.00011	0.00011	ng/g	JN	k
PDI-SG-B455	SE	PCB-93	0.0026	0.000098	0.000098	ng/g	JN	k
PDI-SG-B457	SE	PCB-11	0.042	0.0029	0.0029	ng/g	JN	k
PDI-SG-B457	SE	PCB-12	0.030	0.0030	0.0030	ng/g	JN	k
PDI-SG-B457	SE	PCB-126	0.010	0.0032	0.0032	ng/g	JN	k
PDI-SG-B457	SE	PCB-13	0.030	0.0030	0.0030	ng/g	JN	k
PDI-SG-B457	SE	PCB-144	0.14	0.00010	0.00010	ng/g	JN	k
PDI-SG-B457	SE	PCB-148	0.044	0.00011	0.00011	ng/g	JN	k
PDI-SG-B457	SE	PCB-152	0.0029	0.000080	0.000080	ng/g	JN	k
PDI-SG-B457	SE	PCB-154	0.17	0.000088	0.000088	ng/g	JN	k
PDI-SG-B457	SE	PCB-2	0.0052	0.00055	0.00055	ng/g	JN	k
PDI-SG-B457	SE	PCB-205	0.016	0.0013	0.0013	ng/g	JN	k
PDI-SG-B457	SE	PCB-3	0.016	0.00058	0.00058	ng/g	JN	k
PDI-SG-B457	SE	PCB-43	0.049	0.00026	0.00026	ng/g	JN	k
PDI-SG-B457	SE	PCB-54	0.0022	0.000032	0.000032	ng/g	JN	k
PDI-SG-B457	SE	PCB-7	0.010	0.0030	0.0030	ng/g	JN	k
PDI-SG-B457	SE	PCB-73	0.049	0.00026	0.00026	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B457	SE	PCB-79	0.053	0.00018	0.00018	ng/g	JN	k
PDI-SG-B457	SE	PCB-80	0.0050	0.00017	0.00017	ng/g	JN	k
PDI-SG-B457	SE	PCB-9	0.010	0.0031	0.0031	ng/g	JN	k
PDI-SG-B459	SE	PCB-1	0.027	0.0013	0.0013	ng/g	JN	k
PDI-SG-B459	SE	PCB-11	0.047	0.013	0.013	ng/g	JN	k
PDI-SG-B459	SE	PCB-114	0.12	0.0095	0.0095	ng/g	JN	k
PDI-SG-B459	SE	PCB-116	0.37	0.0021	0.0021	ng/g	JN	k
PDI-SG-B459	SE	PCB-117	0.37	0.0021	0.0021	ng/g	JN	k
PDI-SG-B459	SE	PCB-12	0.081	0.013	0.013	ng/g	JN	k
PDI-SG-B459	SE	PCB-123	0.043	0.010	0.010	ng/g	JN	k
PDI-SG-B459	SE	PCB-126	0.19	0.012	0.012	ng/g	JN	k
PDI-SG-B459	SE	PCB-13	0.081	0.013	0.013	ng/g	JN	k
PDI-SG-B459	SE	PCB-154	4.5	0.0015	0.0015	ng/g	JN	k
PDI-SG-B459	SE	PCB-162	0.028	0.023	0.023	ng/g	JN	k
PDI-SG-B459	SE	PCB-209	0.14	0.00012	0.00012	ng/g	JN	k
PDI-SG-B459	SE	PCB-35	0.021	0.0081	0.0081	ng/g	JN	k
PDI-SG-B459	SE	PCB-55	0.025	0.0024	0.0024	ng/g	JN	k
PDI-SG-B459	SE	PCB-57	0.030	0.0024	0.0024	ng/g	JN	k
PDI-SG-B459	SE	PCB-60	0.069	0.0025	0.0025	ng/g	JN	k
PDI-SG-B459	SE	PCB-7	0.021	0.014	0.014	ng/g	JN	k
PDI-SG-B459	SE	PCB-85	0.37	0.0021	0.0021	ng/g	JN	k
PDI-SG-B459	SE	PCB-9	0.029	0.014	0.014	ng/g	JN	k
PDI-SG-B460	SE	PCB-102	0.0030	0.00076	0.00076	ng/g	JN	k
PDI-SG-B460	SE	PCB-108	0.0036	0.0015	0.0015	ng/g	JN	k
PDI-SG-B460	SE	PCB-11	0.030	0.0049	0.0049	ng/g	JN	k
PDI-SG-B460	SE	PCB-124	0.0036	0.0015	0.0015	ng/g	JN	k
PDI-SG-B460	SE	PCB-134	0.0067	0.0038	0.0038	ng/g	JN	k
PDI-SG-B460	SE	PCB-137	0.0057	0.0033	0.0033	ng/g	JN	k
PDI-SG-B460	SE	PCB-143	0.0067	0.0038	0.0038	ng/g	JN	k
PDI-SG-B460	SE	PCB-144	0.0053	0.00079	0.00079	ng/g	JN	k
PDI-SG-B460	SE	PCB-15	0.0058	0.0055	0.0055	ng/g	JN	k
PDI-SG-B460	SE	PCB-158	0.015	0.0023	0.0023	ng/g	JN	k
PDI-SG-B460	SE	PCB-16	0.0027	0.00030	0.00030	ng/g	JN	k
PDI-SG-B460	SE	PCB-164	0.011	0.0026	0.0026	ng/g	JN	k
PDI-SG-B460	SE	PCB-177	0.026	0.0017	0.0017	ng/g	JN	k
PDI-SG-B460	SE	PCB-178	0.011	0.0017	0.0017	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B460	SE	PCB-179	0.013	0.0013	0.0013	ng/g	JN	k
PDI-SG-B460	SE	PCB-190	0.0077	0.0011	0.0011	ng/g	JN	k
PDI-SG-B460	SE	PCB-194	0.029	0.0022	0.0022	ng/g	JN	k
PDI-SG-B460	SE	PCB-195	0.0093	0.0024	0.0024	ng/g	JN	k
PDI-SG-B460	SE	PCB-196	0.0093	0.00092	0.00092	ng/g	JN	k
PDI-SG-B460	SE	PCB-201	0.0020	0.00064	0.00064	ng/g	JN	k
PDI-SG-B460	SE	PCB-202	0.0068	0.00071	0.00071	ng/g	JN	k
PDI-SG-B460	SE	PCB-206	0.019	0.0030	0.0030	ng/g	JN	k
PDI-SG-B460	SE	PCB-25	0.0027	0.00078	0.00078	ng/g	JN	k
PDI-SG-B460	SE	PCB-27	0.00064	0.00020	0.00020	ng/g	JN	k
PDI-SG-B460	SE	PCB-3	0.0012	0.00017	0.00017	ng/g	JN	k
PDI-SG-B460	SE	PCB-32	0.0028	0.00019	0.00019	ng/g	JN	k
PDI-SG-B460	SE	PCB-40	0.017	0.0016	0.0016	ng/g	JN	k
PDI-SG-B460	SE	PCB-41	0.017	0.0016	0.0016	ng/g	JN	k
PDI-SG-B460	SE	PCB-43	0.0042	0.0015	0.0015	ng/g	JN	k
PDI-SG-B460	SE	PCB-56	0.014	0.0012	0.0012	ng/g	JN	k
PDI-SG-B460	SE	PCB-71	0.017	0.0016	0.0016	ng/g	JN	k
PDI-SG-B460	SE	PCB-73	0.0042	0.0015	0.0015	ng/g	JN	k
PDI-SG-B460	SE	PCB-77	0.0048	0.0011	0.0011	ng/g	JN	k
PDI-SG-B460	SE	PCB-8	0.0046	0.0046	0.0046	ng/g	JN	k
PDI-SG-B460	SE	PCB-83	0.066	0.00083	0.00083	ng/g	JN	k
PDI-SG-B460	SE	PCB-88	0.016	0.00082	0.00082	ng/g	JN	k
PDI-SG-B460	SE	PCB-91	0.016	0.00082	0.00082	ng/g	JN	k
PDI-SG-B460	SE	PCB-98	0.0030	0.00076	0.00076	ng/g	JN	k
PDI-SG-B460	SE	PCB-99	0.066	0.00083	0.00083	ng/g	JN	k
PDI-SG-B461	SE	PCB-1	0.00087	0.00011	0.00011	ng/g	JN	k
PDI-SG-B461	SE	PCB-107	0.011	0.0011	0.0011	ng/g	JN	k
PDI-SG-B461	SE	PCB-108	0.0030	0.0011	0.0011	ng/g	JN	k,bl
PDI-SG-B461	SE	PCB-110	0.12	0.00014	0.00014	ng/g	JN	k
PDI-SG-B461	SE	PCB-115	0.12	0.00014	0.00014	ng/g	JN	k
PDI-SG-B461	SE	PCB-116	0.016	0.00017	0.00017	ng/g	JN	k
PDI-SG-B461	SE	PCB-117	0.016	0.00017	0.00017	ng/g	JN	k
PDI-SG-B461	SE	PCB-120	0.00082	0.00014	0.00014	ng/g	JN	k
PDI-SG-B461	SE	PCB-123	0.0037	0.0010	0.0010	ng/g	JN	k
PDI-SG-B461	SE	PCB-124	0.0030	0.0011	0.0011	ng/g	JN	k,bl
PDI-SG-B461	SE	PCB-130	0.0073	0.0018	0.0018	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B461	SE	PCB-134	0.0064	0.0018	0.0018	ng/g	JN	k
PDI-SG-B461	SE	PCB-137	0.0082	0.0015	0.0015	ng/g	JN	k
PDI-SG-B461	SE	PCB-143	0.0064	0.0018	0.0018	ng/g	JN	k
PDI-SG-B461	SE	PCB-144	0.0041	0.00011	0.00011	ng/g	JN	k
PDI-SG-B461	SE	PCB-15	0.0066	0.0037	0.0037	ng/g	JN	k
PDI-SG-B461	SE	PCB-154	0.0010	0.000096	0.000096	ng/g	JN	k
PDI-SG-B461	SE	PCB-158	0.014	0.0011	0.0011	ng/g	JN	k
PDI-SG-B461	SE	PCB-16	0.0024	0.00022	0.00022	ng/g	JN	k
PDI-SG-B461	SE	PCB-164	0.0098	0.0012	0.0012	ng/g	JN	k
PDI-SG-B461	SE	PCB-17	0.0022	0.00020	0.00020	ng/g	JN	k
PDI-SG-B461	SE	PCB-171	0.0089	0.00056	0.00056	ng/g	JN	k
PDI-SG-B461	SE	PCB-172	0.0071	0.00056	0.00056	ng/g	JN	k
PDI-SG-B461	SE	PCB-173	0.0089	0.00056	0.00056	ng/g	JN	k
PDI-SG-B461	SE	PCB-176	0.0027	0.00038	0.00038	ng/g	JN	k
PDI-SG-B461	SE	PCB-177	0.018	0.00054	0.00054	ng/g	JN	k
PDI-SG-B461	SE	PCB-178	0.0085	0.00055	0.00055	ng/g	JN	k
PDI-SG-B461	SE	PCB-179	0.015	0.00040	0.00040	ng/g	JN	k
PDI-SG-B461	SE	PCB-18	0.0065	0.00018	0.00018	ng/g	JN	k,bl
PDI-SG-B461	SE	PCB-183	0.020	0.00049	0.00049	ng/g	JN	k
PDI-SG-B461	SE	PCB-185	0.020	0.00049	0.00049	ng/g	JN	k
PDI-SG-B461	SE	PCB-195	0.0073	0.0014	0.0014	ng/g	JN	k
PDI-SG-B461	SE	PCB-198	0.026	0.00042	0.00042	ng/g	JN	k
PDI-SG-B461	SE	PCB-199	0.026	0.00042	0.00042	ng/g	JN	k
PDI-SG-B461	SE	PCB-2	0.0021	0.00012	0.00012	ng/g	JN	k
PDI-SG-B461	SE	PCB-200	0.0021	0.00028	0.00028	ng/g	JN	k
PDI-SG-B461	SE	PCB-203	0.013	0.00037	0.00037	ng/g	JN	k
PDI-SG-B461	SE	PCB-208	0.0047	0.00062	0.00062	ng/g	JN	k
PDI-SG-B461	SE	PCB-21	0.0057	0.00055	0.00055	ng/g	JN	k
PDI-SG-B461	SE	PCB-25	0.0010	0.00052	0.00052	ng/g	JN	k
PDI-SG-B461	SE	PCB-27	0.0014	0.00015	0.00015	ng/g	JN	k
PDI-SG-B461	SE	PCB-3	0.0015	0.00013	0.00013	ng/g	J	k
PDI-SG-B461	SE	PCB-30	0.0065	0.00018	0.00018	ng/g	JN	k,bl
PDI-SG-B461	SE	PCB-32	0.0017	0.00014	0.00014	ng/g	JN	k,bl
PDI-SG-B461	SE	PCB-33	0.0057	0.00055	0.00055	ng/g	JN	k
PDI-SG-B461	SE	PCB-37	0.0057	0.00058	0.00058	ng/g	JN	k
PDI-SG-B461	SE	PCB-40	0.0096	0.0013	0.0013	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B461	SE	PCB-41	0.0096	0.0013	0.0013	ng/g	JN	k
PDI-SG-B461	SE	PCB-48	0.0042	0.0013	0.0013	ng/g	JN	k
PDI-SG-B461	SE	PCB-56	0.0089	0.00092	0.00092	ng/g	JN	k
PDI-SG-B461	SE	PCB-60	0.0049	0.00094	0.00094	ng/g	JN	k
PDI-SG-B461	SE	PCB-71	0.0096	0.0013	0.0013	ng/g	JN	k
PDI-SG-B461	SE	PCB-8	0.0054	0.0032	0.0032	ng/g	JN	k
PDI-SG-B461	SE	PCB-82	0.0096	0.00023	0.00023	ng/g	JN	k
PDI-SG-B461	SE	PCB-85	0.016	0.00017	0.00017	ng/g	JN	k
PDI-SG-B461	SE	PCB-88	0.011	0.00021	0.00021	ng/g	JN	k
PDI-SG-B461	SE	PCB-91	0.011	0.00021	0.00021	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-114	0.0024	0.00094	0.00094	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-116	0.022	0.00033	0.00033	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-117	0.022	0.00033	0.00033	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-120	0.0016	0.00027	0.00027	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-122	0.0016	0.0011	0.0011	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-134	0.0055	0.0023	0.0023	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-136	0.011	0.000055	0.000055	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-143	0.0055	0.0023	0.0023	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-156	0.015	0.0021	0.0021	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-157	0.015	0.0021	0.0021	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-164	0.011	0.0016	0.0016	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-180	0.078	0.00061	0.00061	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-183	0.023	0.00072	0.00072	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-185	0.023	0.00072	0.00072	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-189	0.0018	0.00084	0.00084	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-190	0.0068	0.00053	0.00053	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-191	0.0017	0.00055	0.00055	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-193	0.078	0.00061	0.00061	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-195	0.0077	0.00072	0.00072	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-196	0.0064	0.00016	0.00016	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-198	0.036	0.00016	0.00016	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-199	0.036	0.00016	0.00016	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-2	0.0028	0.00010	0.00010	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-201	0.0013	0.00011	0.00011	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-202	0.0073	0.00012	0.00012	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-208	0.0064	0.0010	0.0010	ng/g	JN	k

Sample ID	Matrix	Compound	Result	RDL	EDL	Units	Validation Qualifier	Validation Reason
PDI-SG-B461-D	SE	PCB-209	0.029	0.00034	0.00034	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-21	0.0054	0.00058	0.00058	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-26	0.0033	0.00059	0.00059	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-29	0.0033	0.00059	0.00059	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-31	0.013	0.00058	0.00058	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-33	0.0054	0.00058	0.00058	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-37	0.0049	0.00061	0.00061	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-40	0.0097	0.00099	0.00099	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-41	0.0097	0.00099	0.00099	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-42	0.0062	0.00099	0.00099	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-48	0.0025	0.00099	0.00099	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-50	0.0030	0.00096	0.00096	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-53	0.0030	0.00096	0.00096	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-60	0.0037	0.00073	0.00073	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-61	0.050	0.00069	0.00069	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-64	0.0088	0.00066	0.00066	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-68	0.0015	0.00065	0.00065	ng/g	J+	bl
PDI-SG-B461-D	SE	PCB-70	0.050	0.00069	0.00069	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-71	0.0097	0.00099	0.00099	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-74	0.050	0.00069	0.00069	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-76	0.050	0.00069	0.00069	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-79	0.00077	0.00064	0.00064	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-82	0.0085	0.00044	0.00044	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-84	0.017	0.00044	0.00044	ng/g	JN	k
PDI-SG-B461-D	SE	PCB-85	0.022	0.00033	0.00033	ng/g	JN	k

- = not detected above the RDL

ATTACHMENT A

Nonconformance Summary Tables

Table A-1 – Field Duplicates

Sample ID	Duplicate ID	Compound	Sample Result	Qual	Duplicate Result	Qual	QL	Units	RPD
PDI-SG-B453	PDI-SG-B453-D	PCB-202	0.041	-	0.0068	J	0.0099	ng/g	143.1
PDI-SG-B453	PDI-SG-B453-D	PCB-197	0.011	-	0.0012	J	0.0099	ng/g	160.7
PDI-SG-B453	PDI-SG-B453-D	PCB-153	0.74	C	0.16	C	0.02	ng/g	128.9
PDI-SG-B453	PDI-SG-B453-D	PCB-138	0.72	C129	0.2	C129 B	0.04	ng/g	113
PDI-SG-B453	PDI-SG-B453-D	PCB-180	1.1	C	0.093	C	0.02	ng/g	168.8
PDI-SG-B453	PDI-SG-B453-D	PCB-170	0.44	-	0.045	-	0.0099	ng/g	162.9
PDI-SG-B453	PDI-SG-B453-D	PCB-194	0.31	-	0.02	-	0.0099	ng/g	175.8
PDI-SG-B453	PDI-SG-B453-D	PCB-101	0.25	C90	0.11	C90	0.03	ng/g	77.8
PDI-SG-B453	PDI-SG-B453-D	PCB-95	0.18	-	0.088	-	0.0099	ng/g	68.7
PDI-SG-B453	PDI-SG-B453-D	PCB-149	0.73	C147	0.14	C147	0.02	ng/g	135.6
PDI-SG-B453	PDI-SG-B453-D	PCB-132	0.19	-	0.044	-	0.0099	ng/g	124.8
PDI-SG-B453	PDI-SG-B453-D	PCB-136	0.09	-	0.013	-	0.0099	ng/g	149.5
PDI-SG-B453	PDI-SG-B453-D	PCB-174	0.49	-	0.036	-	0.0099	ng/g	172.6
PDI-SG-B453	PDI-SG-B453-D	PCB-189	0.011	-	0.0018	J	0.0099	ng/g	143.8
PDI-SG-B453	PDI-SG-B453-D	PCB-159	0.011	-	0.001	U	0.0099	ng/g	166.7
PDI-SG-B453	PDI-SG-B453-D	PCB-175	0.017	-	0.00024	U	0.0099	ng/g	194.4
PDI-SG-B453	PDI-SG-B453-D	PCB-201	0.027	-	0.0025	J	0.0099	ng/g	166.1
PDI-SG-B453	PDI-SG-B453-D	PCB-206	0.083	-	0.02	-	0.0099	ng/g	122.3
PDI-SG-B453	PDI-SG-B453-D	PCB-160	0.72	C129	0.2	C129 B	0.04	ng/g	113
PDI-SG-	PDI-SG-	PCB-190	0.09	-	0.0083	J	0.0099	ng/g	166.2

Sample ID	Duplicate ID	Compound	Sample Result	Qual	Duplicate Result	Qual	QL	Units	RPD
B453	B453-D								
PDI-SG-B453	PDI-SG-B453-D	PCB-196	0.13	-	0.0097	J	0.0099	ng/g	172.2
PDI-SG-B453	PDI-SG-B453-D	PCB-146	0.11	-	0.03	-	0.0099	ng/g	114.3
PDI-SG-B453	PDI-SG-B453-D	PCB-151	0.32	C135	0.051	C135	0.02	ng/g	145
PDI-SG-B453	PDI-SG-B453-D	PCB-179	0.18	-	0.02	-	0.0099	ng/g	160
PDI-SG-B453	PDI-SG-B453-D	PCB-176	0.055	-	0.0037	J	0.0099	ng/g	174.8
PDI-SG-B453	PDI-SG-B453-D	PCB-178	0.094	-	0.0097	J	0.0099	ng/g	162.6
PDI-SG-B453	PDI-SG-B453-D	PCB-187	0.56	-	0.063	-	0.0099	ng/g	159.6
PDI-SG-B453	PDI-SG-B453-D	PCB-183	0.33	C	0.031	C	0.02	ng/g	165.7
PDI-SG-B453	PDI-SG-B453-D	PCB-177	0.26	-	0.027	-	0.0099	ng/g	162.4
PDI-SG-B453	PDI-SG-B453-D	PCB-171	0.12	C	0.011	JC	0.02	ng/g	166.4
PDI-SG-B453	PDI-SG-B453-D	PCB-200	0.029	-	0.0016	J	0.0099	ng/g	179.1
PDI-SG-B453	PDI-SG-B453-D	PCB-172	0.084	-	0.0087	J	0.0099	ng/g	162.5
PDI-SG-B453	PDI-SG-B453-D	PCB-199	0.28	C198	0.027	C198	0.02	ng/g	164.8
PDI-SG-B453	PDI-SG-B453-D	PCB-203	0.16	-	0.016	-	0.0099	ng/g	163.6
PDI-SG-B453	PDI-SG-B453-D	PCB-195	0.12	-	0.0078	J	0.0099	ng/g	175.6
PDI-SG-B453	PDI-SG-B453-D	PCB-134	0.028	C	0.0072	JC	0.02	ng/g	118.2
PDI-SG-B453	PDI-SG-B453-D	PCB-141	0.21	-	0.03	-	0.0099	ng/g	150
PDI-SG-B453	PDI-SG-B453-D	PCB-185	0.33	C183	0.031	C183	0.02	ng/g	165.7
PDI-SG-B453	PDI-SG-B453-D	PCB-135	0.32	C	0.051	C	0.02	ng/g	145
PDI-SG-B453	PDI-SG-B453-D	PCB-129	0.72	C	0.2	C	0.04	ng/g	113
PDI-SG-B453	PDI-SG-B453-D	PCB-168	0.74	C153	0.16	C153	0.02	ng/g	128.9
PDI-SG-B453	PDI-SG-B453-D	PCB-154	0.019	-	0.0022	J	0.0099	ng/g	158.5
PDI-SG-	PDI-SG-	PCB-90	0.25	C	0.11	C	0.03	ng/g	77.8

Sample ID	Duplicate ID	Compound	Sample Result	Qual	Duplicate Result	Qual	QL	Units	RPD
B453	B453-D								
PDI-SG-B453	PDI-SG-B453-D	PCB-113	0.25	C90	0.11	C90	0.03	ng/g	77.8
PDI-SG-B453	PDI-SG-B453-D	PCB-147	0.73	C	0.14	C	0.02	ng/g	135.6
PDI-SG-B453	PDI-SG-B453-D	PCB-144	0.044	-	0.0067	J	0.0099	ng/g	147.1
PDI-SG-B453	PDI-SG-B453-D	PCB-143	0.028	C134	0.0072	JC134	0.02	ng/g	118.2
PDI-SG-B453	PDI-SG-B453-D	PCB-173	0.12	C171	0.011	JC171	0.02	ng/g	166.4
PDI-SG-B453	PDI-SG-B453-D	PCB-198	0.28	C	0.027	C	0.02	ng/g	164.8
PDI-SG-B453	PDI-SG-B453-D	PCB-193	1.1	C180	0.093	C180	0.02	ng/g	168.8
PDI-SG-B453	PDI-SG-B453-D	PCB-158	0.067	-	0.017	-	0.0099	ng/g	119
PDI-SG-B453	PDI-SG-B453-D	PCB-163	0.72	C129	0.2	C129	0.04	ng/g	113
PDI-SG-B453	PDI-SG-B453-D	PCB-164	0.053	-	0.013	-	0.0099	ng/g	121.2
PDI-SG-B453	PDI-SG-B453-D	PCB-191	0.023	-	0.0011	J	0.0099	ng/g	181.7
PDI-SG-B453	PDI-SG-B453-D	PCB-205	0.015	-	0.0015	J	0.0099	ng/g	163.6

- = no laboratory qualifier

Attachment B

Qualifier Codes and Explanations

Qualifier	Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample with a potential low bias.
J+	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample with a potential high bias.
JN	The analyte was tentatively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Attachment C
Reason Codes and Explanations

Reason Code	Explanation
be	Equipment blank contamination
bf	Field blank contamination
bl	Laboratory blank contamination
c	Calibration issue
cl	Clean-up standard recovery
d	Reporting limit raised due to chromatographic interference
fd	Field duplicate RPDs
h	Holding times
i	Internal standard areas
k	Estimated Maximum Possible Concentration (EMPC)
l	LCS or OPR recoveries
lc	Labeled compound recovery
ld	Laboratory duplicate RPDs
lp	Laboratory control sample/laboratory control sample duplicate RPDs
m	Matrix spike recovery
md	Matrix spike/matrix spike duplicate RPDs
nb	Negative laboratory blank contamination
p	Chemical preservation issue
r	Dual column RPD
q	Quantitation issue
s	Surrogate recovery
su	Ion suppression
t	Temperature preservation issue
x	Percent solids
y	Serial dilution results
z	ICS results