





Case: \_\_\_\_\_

SDG: \_\_\_\_\_

**VOA/SV-II-A**

**II A. GC/MS INSTRUMENT PERFORMANCE CHECK – (TUNING)**

**Note: NOT for Selected Ion Monitoring (SIM) Analysis**

List all Instrument Performance Checks that are outside method QC tuning acceptance criteria.

VOA Instrument Performance Check (Compound Name)	Analysis Date and Time	Instrument	Ions Affected	Percent Relative Abundance	QC Limits	Samples Affected	Action
Comments:							
SV Instrument Performance Check (Compound Name)	Analysis Date and Time	Instrument	Ions Affected	Percent Relative Abundance	QC Limits	Samples Affected	Action
Comments:							

If tuning compounds and criteria are different from those specified in CLP SOW SOM01.2, the validator should include a copy of the method-specific tuning criteria with this worksheet.

Validator: \_\_\_\_\_

Date: \_\_\_\_\_



Case: \_\_\_\_\_

SDG: \_\_\_\_\_

**Pest/PCB-II-A**

**II A. GC/ECD INSTRUMENT PERFORMANCE CHECK - Resolution - List all analytes that are outside resolution criteria.**

RCM (Section II)	Date/Time	Instr.	Column	Compound	% Resolution	Samples Affected	Action
PEM (Section II and IV)							
INDA & B (Section III)							
INDA & B (Section IV)							

Validator: \_\_\_\_\_

Date: \_\_\_\_\_

Case: \_\_\_\_\_

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**Pest/PCB-II-B**

**II B. GC/ECD INSTRUMENT PERFORMANCE CHECK - Retention Times - List all analytes that exceed retention time criteria.**

PEM (Section II and IV)	Date/Time	Instr.	Column	Compound	RT Window	RT	Samples Affected	Action
<b>INDA &amp; B (Section IV)</b>								

Validator: \_\_\_\_\_

Date: \_\_\_\_\_



Case: \_\_\_\_\_

SDG: \_\_\_\_\_

**Pest/PCB-II-D**

**II D. GC/ECD INSTRUMENT PERFORMANCE CHECK - Pesticide Degradation - List all analytes that exceed degradation criteria.**

PEM (Section II)	Date/Time	Instr.	Column	DDT, Endrin, or Combined	% Breakdown	DDD, DDE, Endrin ketone, Endrin aldehyde Present	Samples Affected	Action
PEM (Section IV)								

Validator: \_\_\_\_\_

Date: \_\_\_\_\_











EPA-NE - Data Validation Worksheet

Case: \_\_\_\_\_

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**VOA/SV/Pest/PCB-V-A**  
**V. A. BLANK ANALYSIS**

List the blank contamination below.

Concentration Level: \_\_\_\_\_

Sampler: \_\_\_\_\_ Company: \_\_\_\_\_ Contacted: Yes No Date: \_\_\_\_\_

**1. Laboratory: Method, Storage and Instrument Blanks**

Fraction/ Matrix	Sample ID (Blank Type)	Date Extracted	Date Analyzed	Instrument/ Column	Compound	Conc. (units)

**2. Field: Equipment (Rinsate), Trip and Bottle Blanks**

Fraction/ Matrix	Sample ID (Blank Type)	Date Extracted	Date Analyzed	Instrument/ Column	Compound	Conc. (units)

Validator: \_\_\_\_\_

Date: \_\_\_\_\_























EPA-NE - Data Validation Worksheet

Case: \_\_\_\_\_

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**VOA/SV/Pest/PCB-VIII**

**VIII. MATRIX SPIKE/MATRIX SPIKE DUPLICATE** - List all MS/MSD analytes that are outside method QC acceptance criteria. Use a separate worksheet for each MS/MSD pair.

Sample # \_\_\_\_\_

Matrix \_\_\_\_\_

Concentration Level \_\_\_\_\_

Fraction	Compound	Column 1			Column 2*			Method QC Limits		Action
		MS % Rec.	MSD % Rec.	RPD	MS % Rec.	MSD % Rec.	RPD	% Recovery	RPD	

\* For Pest/PCB only.

Validator: \_\_\_\_\_

Date: \_\_\_\_\_













Case: \_\_\_\_\_

SDG: \_\_\_\_\_

**VOA/SV-XIII**

**XIII. SAMPLE QUANTITATION AND % SOLIDS**

Recalculate, from the raw data, the concentrations for one positive detect and one reported sample quantitation limit for a non-detect in a diluted sample or soil sample per fraction. (Note: Although NFG requires that one calculation for each fraction in each sample be performed, the validator is only required to reproduce an example, for each fraction, of one positive detect and one sample quantitation limit calculation on this worksheet.)

Do all soil/sediment samples have % solids greater than 30%?

Y N

If no, list sample numbers

Refer to EPA New England Data Review Supplemental Program guidance for actions related to %solids (Section 2.10).

Fraction		Calculation
<b>VOA</b>		
Sample No.:		
Reported Compound:		
Reported Value:		
Not Detected Compound:		
Reported Quantitation Limit:		
<b>BNA</b>		
Sample No.:		
Reported Compound:		
Reported Value:		
Not Detected Compound:		
Reported Quantitation Limit:		

Validator: \_\_\_\_\_

Date: \_\_\_\_\_

EPA-NE - Data Validation Worksheet

Case: \_\_\_\_\_

SDG: \_\_\_\_\_

**Pest/PCB-XIII**

**XIII. SAMPLE QUANTITATION AND %SOLIDS**

Recalculate, from the raw data, the concentrations for one positive detect and one reported sample quantitation limit for a non-detect in a diluted sample or soil sample per fraction. (Note: Although NFG requires that one calculation for each fraction in each sample be performed, the validator is only required to reproduce an example, for each fraction, of one positive detect and one sample quantitation limit calculation on this worksheet.)

Do all soil/sediment samples have % solids greater than 30%?

Y N

If no, list sample numbers \_\_\_\_\_

Refer to EPA New England Data Review Supplemental Program guidance for actions related to %solids (Section 2.10).

Fraction		Calculation
<b>Pesticides</b>		
Sample No.:		
Reported Compound:		
Reported Value:		
Not Detected Compound:		
Reported Quantitation Limit:		
<b>PCB</b>		
Sample No.:		
Reported Compound:		
Reported Value:		
Not Detected Compound:		
Reported Quantitation Limit:		

Validator: \_\_\_\_\_

Date: \_\_\_\_\_

