

# Chemical Analysis Report

**NE-DIST-2022-02-02-03**

Florida Department of Environmental Protection  
Central Laboratory  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400  
DOH Accreditation E31780

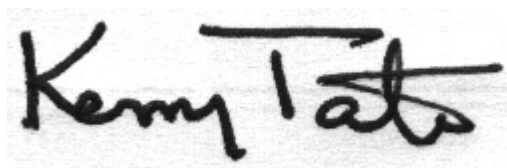
Event Description: **Suwannee Central 2022**  
Request ID: **RQ-2022-01-17-11**  
Customer: **NE-DIST**  
Project ID: **SMP**

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Certified by: Kerry Tate, Ph.D., Environmental Administrator

Date Certified: 16-FEB-2022 09:17

A handwritten signature in black ink that reads "Kerry Tate". The signature is written in a cursive, flowing style with a horizontal line above the first name.

## Case Narrative

Unless otherwise noted, all samples included in this report were received in accordance with protocols referenced in Chapter 62-160, Florida Administrative Code (F.A.C.). Results published in this report pertain only to the samples as submitted to, and received by the laboratory. All times in this report are adjusted to the applicable Eastern Time Zone (EST or EDT).

Results for the following analytical group are included in this report: Pesticides.

Scientific notation may be used in reporting very large or small values. Values reported using scientific notation will take the form of the following example: 1.3E+03, which is equivalent to  $1.3 \times 10^3$  or 1300.

Unless otherwise noted, analytical values for soil and sediment samples are reported on a dry weight basis, and analytical values for waste and tissue samples are reported on a wet weight basis.

Results for TNI accredited tests met requirements established by The NELAC Institute. A double asterisk (\*\*) is used to indicate an analyte/matrix/method for which the laboratory is not TNI accredited by the Florida Department of Health Environmental Laboratory Certification Program or where accreditation for that field of testing is not applicable.

Any significant anomalies or deviations from established protocols are documented in Non-Conformance Reports, which, where appropriate, are included within this analytical report. Additional comments related to specific analytical tests may be included as remarks following the analytical results for each sample. Such comments and remarks are for informational purposes only and are not intended to convey judgement about the usability of the reported data.

A quality control report on the performance of the test method for the submitted samples is included. Uncertainty associated with the analytical results contained in this report can be estimated from the reported quality assurance results and from published quality control acceptance limits for each analytical test. Matrix quality control results (matrix spike recoveries and matrix sample precision) pertain only to the matrix sample tested and do not necessarily reflect test method performance for other samples.

Typical matrix quality control (QC) measurements may include matrix spike recovery, matrix spike duplicate recovery, matrix spike precision and matrix sample precision. Not all matrix QC results may be available or reportable; where they are not an explanation is provided. Typical reasons for unavailable QC results include, but are not limited to, a) insufficient matrix sample to perform some or all QC measurements; b) analyte concentration in the sample replicated was too low for a meaningful measurement of precision and c) analyte concentration in the matrix sample spiked was too high (relative to the amount of analyte spiked) for a meaningful measurement of recovery. Where matrix QC results are unavailable, other method performance metrics (e.g., LCS recovery, LCS precision, surrogate recovery) may be used to assess performance of the method. Comments explaining any missing QC measurements are not intended to convey any adverse conclusions about the quality of the reported data.

Precision is reported as relative percent difference unless otherwise noted.

Quality Control codes as defined below may be used in this report to indicate results that are associated with one or more quality control elements which did not fall within established test method criteria. Such results may be qualified as estimates using a J qualifier as required by 62-160 F.A.C. Explanations are included in the report for any results that were reported as estimates for other reasons.

QC Codes used in this report may include:

- LCS – Recovery for the batch Laboratory Control Sample (LCS) was outside existing control limits;
- MS – Recovery for the batch matrix spike (MS) was outside existing control limits;
- CCV – Recovery for a continuing calibration verification (CCV) standard was outside existing control limits;
- SUR – Recovery of a surrogate (SUR) for associated analytes was outside existing control limits;
- RPD – The precision, measured as relative percent difference (RPD), of batch replicate measurements was outside existing control limits;
- RSD – The precision, measured as relative standard deviation (RSD), of batch replicate measurements was outside existing control limits;
- SMP – Sample - used precision derived from replicate analyses of a sample;

The following data qualifiers are used, where applicable, in this report as specified in 62-160 F.A.C.

- A - Value reported is the mean of two or more determinations.
- B - Results based on colony counts outside the acceptable range.
- I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J - Estimated value and/or the analysis did not meet established quality control criteria.
- K - Actual value is known to be less than value given.
- L - Actual value is known to be greater than value given.
- N - Presumptive evidence of presence of material.
- O - Sampled, but analysis lost or not performed.
- Q - Sample held beyond normal holding time.
- T - Value reported is less than the criterion of detection.
- U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.
- V - Analyte was detected in both sample and method blank.
- X - Too few individuals to calculate SCI value.
- Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
- Z - Colonies were too numerous to count (TNTC).

Quality control information from overflow laboratories may not be included in this report. Please refer to the associated report from the overflow laboratory for additional information.

**Sample Location: Cannon CR @ Cannon CR RD/Business Park  
Point W CR 47**

**Collection Date/Time: 02/01/2022 11:35**

**Field ID: 21030138**

**Matrix: W-SURF-FRH**

| Sample ID | Ref. Method | Component           | Result  | Code | Units | Batch ID | QC Codes |
|-----------|-------------|---------------------|---------|------|-------|----------|----------|
| 2303066   | EPA 8321B   | Aldicarb            | 0.020   | U    | ug/L  | P409339  | RPD      |
|           |             | Aldicarb Sulfone    | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Aldicarb Sulfoxide  | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Carbaryl            | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Carbofuran          | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | 3-Hydroxycarbofuran | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Methiocarb          | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Methomyl            | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Oxamyl              | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Propoxur            | 0.0020  | U    | ug/L  | P409339  |          |
| 2303069   |             | 2,4-D               | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Acesulfame K        | 0.19    | I    | ug/L  | P409328  |          |
|           |             | 2,4,5-T             | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | AMPA                | 0.10    | I    | ug/L  | P409328  |          |
|           |             | Acetaminophen       | 0.0080  | U    | ug/L  | P409301  |          |
|           |             | Acetamiprid         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Endothall           | 0.25    | U    | ug/L  | P409328  |          |
|           |             | Glufosinate         | 0.10    | U    | ug/L  | P409328  |          |
|           |             | Glyphosate          | 0.10    | U    | ug/L  | P409328  |          |
|           |             | Afidopyropen        | 0.0020  | U    | ug/L  | P409301  | MS       |
|           |             | Bentazon            | 0.0027  | I    | ug/L  | P409301  |          |
|           |             | Sucralose           | 0.20    |      | ug/L  | P409328  |          |
|           |             | Benzovindiflupyr    | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Carbamazepine       | 8.0E-04 | U    | ug/L  | P409301  |          |
|           |             | Clothianidin        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Dinotefuran         | 0.0044  | I    | ug/L  | P409301  |          |
|           |             | Diuron              | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Fenuron             | 0.016   | U    | ug/L  | P409301  |          |
|           |             | Fluridone           | 8.0E-04 | U    | ug/L  | P409301  |          |
|           |             | Imazapyr            | 0.13    |      | ug/L  | P409301  |          |
|           |             | Hydrocodone         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Ibuprofen           | 0.020   | U    | ug/L  | P409301  |          |
|           |             | Imidacloprid        | 0.0070  | I    | ug/L  | P409301  |          |
|           |             | Linuron             | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Mandestrobin        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | MCPP                | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Naproxen            | 0.0080  | U    | ug/L  | P409301  |          |
|           |             | Primidone           | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Pyraclostrobin      | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Silvex              | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Thiamethoxam        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Tolfenpyrad         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Triclopyr           | 0.0040  | U    | ug/L  | P409301  |          |

Field ID: 21030138

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component            | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|----------------------|--------|------|-------|----------|----------|
| 2303072   | EPA 8270E   | Aldrin               | 0.67   | U    | ng/L  | P409392  |          |
|           |             | Alpha-BHC            | 0.10   | U    | ng/L  | P409392  |          |
|           |             | Alpha-Chlordane      | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Beta-BHC             | 0.10   | U    | ng/L  | P409392  |          |
|           |             | Beta-Cyfluthrin**    | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Bifenthrin**         | 0.51   | U    | ng/L  | P409392  |          |
|           |             | Chlorothalonil       | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Cis-Nonachlor**      | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Cypermethrin         | 1.5    | U    | ng/L  | P409392  |          |
|           |             | Dacthal**            | 0.15   | U    | ng/L  | P409392  |          |
|           |             | DDD-p,p'             | 0.26   | U    | ng/L  | P409392  |          |
|           |             | DDE-p,p'             | 0.20   | U    | ng/L  | P409392  |          |
|           |             | DDT-p,p'             | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Delta-BHC            | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Deltamethrin**       | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Dichlobenil**        | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Dicofol              | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Dieldrin             | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Endosulfan I         | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Endosulfan II        | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Endosulfan Sulfate   | 0.31   | U    | ng/L  | P409392  |          |
|           |             | Endrin               | 0.41   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Endrin Aldehyde      | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Endrin Ketone        | 0.41   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Esfenvalerate**      | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Ethalfuralin**       | 0.15   | U    | ng/L  | P409392  |          |
|           |             | Fenpropathrin**      | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Gamma-BHC            | 0.13   | U    | ng/L  | P409392  |          |
|           |             | Gamma-Chlordane      | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Heptachlor           | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Heptachlor Epoxide   | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Hexachlorobenzene    | 1.0    | U    | ng/L  | P409392  |          |
|           |             | Kepone**             | 5.1    | UJ   | ng/L  | P409392  | CCV      |
|           |             | Lambda-Cyhalothrin** | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Methoprene**         | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Methoxychlor         | 0.31   | U    | ng/L  | P409392  |          |
|           |             | MGK-264**            | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Mirex                | 0.72   | U    | ng/L  | P409392  |          |
|           |             | Oxychlordane**       | 0.31   | U    | ng/L  | P409392  |          |
|           |             | Permethrin           | 1.6    | U    | ng/L  | P409392  |          |
|           |             | Phenothrin**         | 0.92   | U    | ng/L  | P409392  |          |
|           |             | Piperonyl Butoxide** | 0.15   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Prallethrin**        | 2.0    | U    | ng/L  | P409392  |          |
|           |             | Tau-Fluvalinate**    | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Tetramethrin**       | 0.77   | U    | ng/L  | P409392  |          |

Field ID: 21030138

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component             | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|-----------------------|--------|------|-------|----------|----------|
| 2303072   | EPA 8270E   | Trans-Nonachlor**     | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Triclosan Methyl**    | 0.15   | U    | ng/L  | P409392  |          |
|           |             | Trifluralin           | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Chlordane             | 2.6    | U    | ng/L  | P409392  |          |
|           |             | Toxaphene             | 15     | U    | ng/L  | P409392  |          |
| 2303075   | EPA 8270E   | Acetochlor            | 0.24   | U    | ng/L  | P409250  |          |
|           |             | Alachlor              | 0.24   | U    | ng/L  | P409250  |          |
|           |             | Ametryn               | 0.58   | U    | ng/L  | P409250  |          |
|           |             | Atrazine              | 3.4    | J    | ng/L  | P409250  | MS       |
|           |             | Atrazine Desethyl     | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Azinphos Methyl       | 1.9    | U    | ng/L  | P409250  |          |
|           |             | Azoxystrobin**        | 1.0    | I    | ng/L  | P409250  |          |
|           |             | Bromacil              | 0.49   | UJ   | ng/L  | P409250  | MS, RPD  |
|           |             | Butylate              | 0.39   | U    | ng/L  | P409250  |          |
|           |             | Caffeine**            | 11     | I    | ng/L  | P409250  |          |
|           |             | Carbophenothion       | 0.19   | U    | ng/L  | P409250  |          |
|           |             | Carfentrazone Ethyl** | 0.097  | U    | ng/L  | P409250  |          |
|           |             | Chlorfenapyr**        | 0.17   | U    | ng/L  | P409250  |          |
|           |             | Chlorpyrifos Ethyl    | 0.24   | U    | ng/L  | P409250  |          |
|           |             | Chlorpyrifos Methyl   | 0.049  | U    | ng/L  | P409250  |          |
|           |             | Coumaphos**           | 0.49   | U    | ng/L  | P409250  |          |
|           |             | Cyanazine             | 3.2    | U    | ng/L  | P409250  |          |
|           |             | Cyprodinil**          | 0.097  | U    | ng/L  | P409250  |          |
|           |             | Demeton               | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Diazinon              | 0.12   | U    | ng/L  | P409250  |          |
|           |             | Difenoconazole**      | 0.58   | U    | ng/L  | P409250  |          |
|           |             | Dimethenamid**        | 0.097  | U    | ng/L  | P409250  |          |
|           |             | Dimethomorph**        | 0.17   | U    | ng/L  | P409250  |          |
|           |             | Disulfoton            | 0.49   | U    | ng/L  | P409250  |          |
|           |             | Dithiopyr**           | 0.17   | U    | ng/L  | P409250  |          |
|           |             | EPTC                  | 1.2    | U    | ng/L  | P409250  |          |
|           |             | Ethion                | 0.15   | U    | ng/L  | P409250  |          |
|           |             | Ethoprop              | 0.097  | U    | ng/L  | P409250  |          |
|           |             | Etridiazole**         | 0.15   | U    | ng/L  | P409250  |          |
|           |             | Fenamiphos            | 0.49   | U    | ng/L  | P409250  |          |
|           |             | Fenbuconazole**       | 0.12   | U    | ng/L  | P409250  |          |
|           |             | Fipronil              | 0.49   | I    | ng/L  | P409250  |          |
|           |             | Fipronil Desulfinyl** | 0.86   |      | ng/L  | P409250  |          |
|           |             | Fipronil Sulfide      | 1.3    |      | ng/L  | P409250  |          |
|           |             | Fipronil Sulfone      | 1.4    |      | ng/L  | P409250  |          |
|           |             | Fluazifop-P-butyl**   | 0.097  | U    | ng/L  | P409250  |          |
|           |             | Fludioxonil**         | 0.12   | U    | ng/L  | P409250  |          |
|           |             | Flumioxazin**         | 1.7    | U    | ng/L  | P409250  |          |
|           |             | Flutolanil**          | 1.4    |      | ng/L  | P409250  |          |
|           |             | Fluxapyroxad**        | 0.29   | I    | ng/L  | P409250  |          |

Field ID: 21030138

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component          | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|--------------------|--------|------|-------|----------|----------|
| 2303075   | EPA 8270E   | Fonofos            | 0.19   | U    | ng/L  | P409250  |          |
|           |             | Hexazinone         | 1.1    | I    | ng/L  | P409250  |          |
|           |             | Imazalil**         | 0.73   | U    | ng/L  | P409250  |          |
|           |             | Iprodione**        | 0.58   | U    | ng/L  | P409250  |          |
|           |             | Loratadine**       | 0.097  | U    | ng/L  | P409250  |          |
|           |             | Malathion          | 0.34   | U    | ng/L  | P409250  |          |
|           |             | Metalaxyl          | 0.73   | U    | ng/L  | P409250  |          |
|           |             | Metolachlor        | 0.96   | I    | ng/L  | P409250  |          |
|           |             | Metribuzin         | 2.4    | U    | ng/L  | P409250  |          |
|           |             | Mevinphos          | 1.0    | UJ   | ng/L  | P409250  | RPD      |
|           |             | Molinate           | 0.29   | U    | ng/L  | P409250  |          |
|           |             | Myclobutanil**     | 0.24   | U    | ng/L  | P409250  |          |
|           |             | Naled**            | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Napropamide**      | 0.39   | U    | ng/L  | P409250  |          |
|           |             | Norflurazon        | 0.49   | U    | ng/L  | P409250  |          |
|           |             | Oxadiazon          | 0.29   | U    | ng/L  | P409250  |          |
|           |             | Oxyfluorfen**      | 0.15   | U    | ng/L  | P409250  |          |
|           |             | Parathion Ethyl    | 0.24   | U    | ng/L  | P409250  |          |
|           |             | Parathion Methyl   | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Pendimethalin      | 0.97   | U    | ng/L  | P409250  |          |
|           |             | Phenytoin**        | 3.4    | U    | ng/L  | P409250  |          |
|           |             | Phorate            | 0.51   | U    | ng/L  | P409250  |          |
|           |             | Prodiamine**       | 0.17   | U    | ng/L  | P409250  |          |
|           |             | Prometon           | 0.88   | U    | ng/L  | P409250  |          |
|           |             | Prometryn          | 0.19   | U    | ng/L  | P409250  |          |
|           |             | Pronamide**        | 1.8    | J    | ng/L  | P409250  | MS       |
|           |             | Propanil**         | 0.12   | UJ   | ng/L  | P409250  | RPD      |
|           |             | Propargite**       | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Propiconazole**    | 0.49   | U    | ng/L  | P409250  |          |
|           |             | Pyraflufen Ethyl** | 0.24   | U    | ng/L  | P409250  |          |
|           |             | Pyridaben**        | 0.44   | U    | ng/L  | P409250  |          |
|           |             | Pyriproxyfen**     | 0.12   | U    | ng/L  | P409250  |          |
|           |             | Simazine           | 0.49   | U    | ng/L  | P409250  |          |
|           |             | Stirophos**        | 0.12   | U    | ng/L  | P409250  |          |
|           |             | Sulfentrazone**    | 5.5    | J    | ng/L  | P409250  | RPD      |
|           |             | Tebuconazole**     | 2.8    |      | ng/L  | P409250  |          |
|           |             | Terbufos           | 0.097  | U    | ng/L  | P409250  |          |
|           |             | Terbutylazine      | 0.41   | U    | ng/L  | P409250  |          |
|           |             | Thiobencarb**      | 0.58   | U    | ng/L  | P409250  |          |
|           |             | Triadimefon**      | 0.24   | U    | ng/L  | P409250  |          |

Ref. Method and Comment:

EPA 8321B: MS accuracy for oxamyl could not be assessed due to high concentration of parameter in the spiked sample.

EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.

EPA 8270E: MS accuracy for Sulfentrazone not assessed due to high content of this parameter in the sample spiked. Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: Cannon CR @ S Ward ST

Collection Date/Time: 02/01/2022 12:15

Field ID: 21030016FLA

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component           | Result  | Code | Units | Batch ID | QC Codes |
|-----------|-------------|---------------------|---------|------|-------|----------|----------|
| 2303067   | EPA 8321B   | Aldicarb            | 0.020   | U    | ug/L  | P409339  | RPD      |
|           |             | Aldicarb Sulfone    | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Aldicarb Sulfoxide  | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Carbaryl            | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Carbofuran          | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | 3-Hydroxycarbofuran | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Methiocarb          | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Methomyl            | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Oxamyl              | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Propoxur            | 0.0020  | U    | ug/L  | P409339  |          |
| 2303070   |             | 2,4-D               | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Acesulfame K        | 0.19    | I    | ug/L  | P409328  |          |
|           |             | 2,4,5-T             | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | AMPA                | 0.10    | U    | ug/L  | P409328  |          |
|           |             | Acetaminophen       | 0.0080  | U    | ug/L  | P409301  |          |
|           |             | Acetamiprid         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Endothall           | 0.25    | U    | ug/L  | P409328  |          |
|           |             | Glufosinate         | 0.10    | U    | ug/L  | P409328  |          |
|           |             | Glyphosate          | 0.10    | U    | ug/L  | P409328  |          |
|           |             | Afidopyropen        | 0.0020  | U    | ug/L  | P409301  | MS       |
|           |             | Bentazon            | 0.0031  | I    | ug/L  | P409301  |          |
|           |             | Sucralose           | 0.19    |      | ug/L  | P409328  |          |
|           |             | Benzovindiflupyr    | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Carbamazepine       | 8.0E-04 | U    | ug/L  | P409301  |          |
|           |             | Clothianidin        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Dinotefuran         | 0.0050  | I    | ug/L  | P409301  |          |
|           |             | Diuron              | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Fenuron             | 0.016   | U    | ug/L  | P409301  |          |
|           |             | Fluridone           | 8.0E-04 | U    | ug/L  | P409301  |          |
|           |             | Imazapyr            | 0.13    |      | ug/L  | P409301  |          |
|           |             | Hydrocodone         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Ibuprofen           | 0.020   | U    | ug/L  | P409301  |          |
|           |             | Imidacloprid        | 0.0077  | I    | ug/L  | P409301  |          |
|           |             | Linuron             | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Mandestrobin        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | MCPP                | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Naproxen            | 0.0080  | U    | ug/L  | P409301  |          |
|           |             | Primidone           | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Pyraclostrobin      | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Silvex              | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Thiamethoxam        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Tolfenpyrad         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Triclopyr           | 0.0040  | U    | ug/L  | P409301  |          |
| 2303073   | EPA 8270E   | Aldrin              | 0.67    | U    | ng/L  | P409392  |          |

Field ID: 21030016FLA

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component            | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|----------------------|--------|------|-------|----------|----------|
| 2303073   | EPA 8270E   | Alpha-BHC            | 0.10   | U    | ng/L  | P409392  |          |
|           |             | Alpha-Chlordane      | 0.21   | U    | ng/L  | P409392  |          |
|           |             | Beta-BHC             | 0.10   | U    | ng/L  | P409392  |          |
|           |             | Beta-Cyfluthrin**    | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Bifenthrin**         | 0.51   | U    | ng/L  | P409392  |          |
|           |             | Chlorothalonil       | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Cis-Nonachlor**      | 0.21   | U    | ng/L  | P409392  |          |
|           |             | Cypermethrin         | 1.5    | U    | ng/L  | P409392  |          |
|           |             | Dacthal**            | 0.15   | U    | ng/L  | P409392  |          |
|           |             | DDD-p,p'             | 0.26   | U    | ng/L  | P409392  |          |
|           |             | DDE-p,p'             | 0.21   | U    | ng/L  | P409392  |          |
|           |             | DDT-p,p'             | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Delta-BHC            | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Deltamethrin**       | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Dichlobenil**        | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Dicofol              | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Dieldrin             | 0.56   | I    | ng/L  | P409392  |          |
|           |             | Endosulfan I         | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Endosulfan II        | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Endosulfan Sulfate   | 0.31   | U    | ng/L  | P409392  |          |
|           |             | Endrin               | 0.41   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Endrin Aldehyde      | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Endrin Ketone        | 0.41   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Esfenvalerate**      | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Ethalfuralin**       | 0.15   | U    | ng/L  | P409392  |          |
|           |             | Fenpropathrin**      | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Gamma-BHC            | 0.13   | U    | ng/L  | P409392  |          |
|           |             | Gamma-Chlordane      | 0.21   | U    | ng/L  | P409392  |          |
|           |             | Heptachlor           | 0.21   | U    | ng/L  | P409392  |          |
|           |             | Heptachlor Epoxide   | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Hexachlorobenzene    | 1.0    | U    | ng/L  | P409392  |          |
|           |             | Kepone**             | 5.1    | UJ   | ng/L  | P409392  | CCV      |
|           |             | Lambda-Cyhalothrin** | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Methoprene**         | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Methoxychlor         | 0.31   | U    | ng/L  | P409392  |          |
|           |             | MGK-264**            | 0.21   | U    | ng/L  | P409392  |          |
|           |             | Mirex                | 0.72   | U    | ng/L  | P409392  |          |
|           |             | Oxychlordane**       | 0.31   | U    | ng/L  | P409392  |          |
|           |             | Permethrin           | 1.6    | U    | ng/L  | P409392  |          |
|           |             | Phenothrin**         | 0.93   | U    | ng/L  | P409392  |          |
|           |             | Piperonyl Butoxide** | 0.15   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Prallethrin**        | 2.1    | U    | ng/L  | P409392  |          |
|           |             | Tau-Fluvalinate**    | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Tetramethrin**       | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Trans-Nonachlor**    | 0.21   | U    | ng/L  | P409392  |          |



Field ID: 21030016FLA

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component             | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|-----------------------|--------|------|-------|----------|----------|
| 2303073   | EPA 8270E   | Triclosan Methyl**    | 0.15   | U    | ng/L  | P409392  |          |
|           |             | Trifluralin           | 0.21   | U    | ng/L  | P409392  |          |
|           | EPA 8276    | Chlordane             | 2.6    | U    | ng/L  | P409392  |          |
|           |             | Toxaphene             | 15     | U    | ng/L  | P409392  |          |
| 2303076   | EPA 8270E   | Acetochlor            | 0.25   | U    | ng/L  | P409250  |          |
|           |             | Alachlor              | 0.25   | U    | ng/L  | P409250  |          |
|           |             | Ametryn               | 0.60   | U    | ng/L  | P409250  |          |
|           |             | Atrazine              | 3.9    |      | ng/L  | P409250  | MS       |
|           |             | Atrazine Desethyl     | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Azinphos Methyl       | 2.0    | U    | ng/L  | P409250  |          |
|           |             | Azoxystrobin**        | 1.0    | I    | ng/L  | P409250  |          |
|           |             | Bromacil              | 0.50   | U    | ng/L  | P409250  | MS, RPD  |
|           |             | Butylate              | 0.40   | U    | ng/L  | P409250  |          |
|           |             | Caffeine**            | 11     | I    | ng/L  | P409250  |          |
|           |             | Carbophenothion       | 0.20   | U    | ng/L  | P409250  |          |
|           |             | Carfentrazone Ethyl** | 0.10   | U    | ng/L  | P409250  |          |
|           |             | Chlorfenapyr**        | 0.18   | U    | ng/L  | P409250  |          |
|           |             | Chlorpyrifos Ethyl    | 0.25   | U    | ng/L  | P409250  |          |
|           |             | Chlorpyrifos Methyl   | 0.050  | U    | ng/L  | P409250  |          |
|           |             | Coumaphos**           | 0.50   | U    | ng/L  | P409250  |          |
|           |             | Cyanazine             | 3.3    | U    | ng/L  | P409250  |          |
|           |             | Cyprodinil**          | 0.10   | U    | ng/L  | P409250  |          |
|           |             | Demeton               | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Diazinon              | 0.13   | U    | ng/L  | P409250  |          |
|           |             | Difenoconazole**      | 0.60   | U    | ng/L  | P409250  |          |
|           |             | Dimethenamid**        | 0.10   | U    | ng/L  | P409250  |          |
|           |             | Dimethomorph**        | 0.18   | U    | ng/L  | P409250  |          |
|           |             | Disulfoton            | 0.50   | U    | ng/L  | P409250  |          |
|           |             | Dithiopyr**           | 0.18   | U    | ng/L  | P409250  |          |
|           |             | EPTC                  | 1.3    | U    | ng/L  | P409250  |          |
|           |             | Ethion                | 0.15   | U    | ng/L  | P409250  |          |
|           |             | Ethoprop              | 0.10   | U    | ng/L  | P409250  |          |
|           |             | Etridiazole**         | 0.15   | U    | ng/L  | P409250  |          |
|           |             | Fenamiphos            | 0.50   | U    | ng/L  | P409250  |          |
|           |             | Fenbuconazole**       | 0.13   | U    | ng/L  | P409250  |          |
|           |             | Fipronil              | 0.46   | I    | ng/L  | P409250  |          |
|           |             | Fipronil Desulfinyl** | 0.88   |      | ng/L  | P409250  |          |
|           |             | Fipronil Sulfide      | 1.3    |      | ng/L  | P409250  |          |
|           |             | Fipronil Sulfone      | 1.4    |      | ng/L  | P409250  |          |
|           |             | Fluazifop-P-butyl**   | 0.10   | U    | ng/L  | P409250  |          |
|           |             | Fludioxonil**         | 0.13   | U    | ng/L  | P409250  |          |
|           |             | Flumioxazin**         | 1.8    | U    | ng/L  | P409250  |          |
|           |             | Flutolanil**          | 1.4    |      | ng/L  | P409250  |          |
|           |             | Fluxapyroxad**        | 0.29   | I    | ng/L  | P409250  |          |
|           |             | Fonofos               | 0.20   | U    | ng/L  | P409250  |          |

Field ID: 21030016FLA

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component          | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|--------------------|--------|------|-------|----------|----------|
| 2303076   | EPA 8270E   | Hexazinone         | 1.1    | I    | ng/L  | P409250  |          |
|           |             | Imazalil**         | 0.75   | U    | ng/L  | P409250  |          |
|           |             | Iprodione**        | 0.60   | U    | ng/L  | P409250  |          |
|           |             | Loratadine**       | 0.10   | U    | ng/L  | P409250  |          |
|           |             | Malathion          | 0.35   | U    | ng/L  | P409250  |          |
|           |             | Metalaxyl          | 0.75   | U    | ng/L  | P409250  |          |
|           |             | Metolachlor        | 0.96   | I    | ng/L  | P409250  |          |
|           |             | Metribuzin         | 2.5    | U    | ng/L  | P409250  |          |
|           |             | Mevinphos          | 1.1    | U    | ng/L  | P409250  | RPD      |
|           |             | Molinate           | 0.30   | U    | ng/L  | P409250  |          |
|           |             | Myclobutanil**     | 0.25   | U    | ng/L  | P409250  |          |
|           |             | Naled**            | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Napropamide**      | 0.40   | U    | ng/L  | P409250  |          |
|           |             | Norflurazon        | 0.50   | U    | ng/L  | P409250  |          |
|           |             | Oxadiazon          | 0.30   | U    | ng/L  | P409250  |          |
|           |             | Oxyfluorfen**      | 0.15   | U    | ng/L  | P409250  |          |
|           |             | Parathion Ethyl    | 0.25   | U    | ng/L  | P409250  |          |
|           |             | Parathion Methyl   | 0.55   | U    | ng/L  | P409250  |          |
|           |             | Pendimethalin      | 1.0    | U    | ng/L  | P409250  |          |
|           |             | Phenytol**         | 3.5    | U    | ng/L  | P409250  |          |
|           |             | Phorate            | 0.53   | U    | ng/L  | P409250  |          |
|           |             | Prodiamine**       | 0.18   | U    | ng/L  | P409250  |          |
|           |             | Prometon           | 0.90   | U    | ng/L  | P409250  |          |
|           |             | Prometryn          | 0.20   | U    | ng/L  | P409250  |          |
|           |             | Pronamide**        | 1.7    |      | ng/L  | P409250  | MS       |
|           |             | Propanil**         | 0.13   | U    | ng/L  | P409250  | RPD      |
|           |             | Propargite**       | 1.5    | U    | ng/L  | P409250  |          |
|           |             | Propiconazole**    | 0.50   | U    | ng/L  | P409250  |          |
|           |             | Pyraflufen Ethyl** | 0.25   | U    | ng/L  | P409250  |          |
|           |             | Pyridaben**        | 0.45   | U    | ng/L  | P409250  |          |
|           |             | Pyriproxyfen**     | 0.13   | U    | ng/L  | P409250  |          |
|           |             | Simazine           | 0.50   | U    | ng/L  | P409250  |          |
|           |             | Stirophos**        | 0.13   | U    | ng/L  | P409250  |          |
|           |             | Sulfentrazone**    | 8.4    |      | ng/L  | P409250  | RPD      |
|           |             | Tebuconazole**     | 2.6    |      | ng/L  | P409250  |          |
|           |             | Terbufos           | 0.10   | U    | ng/L  | P409250  |          |
|           |             | Terbuthylazine     | 0.43   | U    | ng/L  | P409250  |          |
|           |             | Thiobencarb**      | 0.60   | U    | ng/L  | P409250  |          |
|           |             | Triadimefon**      | 0.25   | U    | ng/L  | P409250  |          |

Ref. Method and Comment:

EPA 8321B: MS accuracy for oxamyl could not be assessed due to high concentration of parameter in the spiked sample.

EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.

EPA 8270E: MS accuracy for Sulfentrazone not assessed due to high content of this parameter in the sample spiked.

Sample Location: Cannon Creek @ CR 341 (Sisters Welcome RD.)

Collection Date/Time: 02/01/2022 12:50

Field ID: 21030090

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component           | Result  | Code | Units | Batch ID | QC Codes |
|-----------|-------------|---------------------|---------|------|-------|----------|----------|
| 2303068   | EPA 8321B   | Aldicarb            | 0.020   | U    | ug/L  | P409339  | RPD      |
|           |             | Aldicarb Sulfone    | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Aldicarb Sulfoxide  | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Carbaryl            | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Carbofuran          | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | 3-Hydroxycarbofuran | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Methiocarb          | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Methomyl            | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Oxamyl              | 0.0020  | U    | ug/L  | P409339  |          |
|           |             | Propoxur            | 0.0020  | U    | ug/L  | P409339  |          |
| 2303071   |             | 2,4-D               | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Acesulfame K        | 0.25    | I    | ug/L  | P409328  |          |
|           |             | 2,4,5-T             | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | AMPA                | 0.12    | I    | ug/L  | P409328  |          |
|           |             | Acetaminophen       | 0.0080  | U    | ug/L  | P409301  |          |
|           |             | Acetamiprid         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Endothall           | 0.25    | U    | ug/L  | P409328  |          |
|           |             | Glufosinate         | 0.10    | U    | ug/L  | P409328  |          |
|           |             | Glyphosate          | 0.10    | U    | ug/L  | P409328  |          |
|           |             | Afidopyropen        | 0.0020  | U    | ug/L  | P409301  | MS       |
|           |             | Bentazon            | 0.0039  |      | ug/L  | P409301  |          |
|           |             | Sucralose           | 0.21    |      | ug/L  | P409328  |          |
|           |             | Benzovindiflupyr    | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Carbamazepine       | 8.0E-04 | U    | ug/L  | P409301  |          |
|           |             | Clothianidin        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Dinotefuran         | 0.0030  | I    | ug/L  | P409301  |          |
|           |             | Diuron              | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Fenuron             | 0.016   | U    | ug/L  | P409301  |          |
|           |             | Fluridone           | 8.5E-04 | I    | ug/L  | P409301  |          |
|           |             | Imazapyr            | 0.17    |      | ug/L  | P409301  |          |
|           |             | Hydrocodone         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Ibuprofen           | 0.020   | U    | ug/L  | P409301  |          |
|           |             | Imidacloprid        | 0.0046  | I    | ug/L  | P409301  |          |
|           |             | Linuron             | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Mandestrobin        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | MCPP                | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Naproxen            | 0.0080  | U    | ug/L  | P409301  |          |
|           |             | Primidone           | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Pyraclostrobin      | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Silvex              | 0.0040  | U    | ug/L  | P409301  |          |
|           |             | Thiamethoxam        | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Tolfenpyrad         | 0.0020  | U    | ug/L  | P409301  |          |
|           |             | Triclopyr           | 0.0040  | U    | ug/L  | P409301  |          |

Field ID: 21030090

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component            | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|----------------------|--------|------|-------|----------|----------|
| 2303074   | EPA 8270E   | Aldrin               | 0.66   | U    | ng/L  | P409392  |          |
|           |             | Alpha-BHC            | 0.10   | U    | ng/L  | P409392  |          |
|           |             | Alpha-Chlordane      | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Beta-BHC             | 0.10   | U    | ng/L  | P409392  |          |
|           |             | Beta-Cyfluthrin**    | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Bifenthrin**         | 0.51   | U    | ng/L  | P409392  |          |
|           |             | Chlorothalonil       | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Cis-Nonachlor**      | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Cypermethrin         | 1.5    | U    | ng/L  | P409392  |          |
|           |             | Dacthal**            | 0.15   | U    | ng/L  | P409392  |          |
|           |             | DDD-p,p'             | 0.26   | U    | ng/L  | P409392  |          |
|           |             | DDE-p,p'             | 0.20   | U    | ng/L  | P409392  |          |
|           |             | DDT-p,p'             | 0.30   | I    | ng/L  | P409392  |          |
|           |             | Delta-BHC            | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Deltamethrin**       | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Dichlobenil**        | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Dicofol              | 1.3    | U    | ng/L  | P409392  |          |
|           |             | Dieldrin             | 0.51   | I    | ng/L  | P409392  |          |
|           |             | Endosulfan I         | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Endosulfan II        | 0.41   | U    | ng/L  | P409392  |          |
|           |             | Endosulfan Sulfate   | 0.31   | U    | ng/L  | P409392  |          |
|           |             | Endrin               | 0.41   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Endrin Aldehyde      | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Endrin Ketone        | 0.41   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Esfenvalerate**      | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Ethalfuralin**       | 0.15   | U    | ng/L  | P409392  |          |
|           |             | Fenpropathrin**      | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Gamma-BHC            | 0.13   | U    | ng/L  | P409392  |          |
|           |             | Gamma-Chlordane      | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Heptachlor           | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Heptachlor Epoxide   | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Hexachlorobenzene    | 1.0    | U    | ng/L  | P409392  |          |
|           |             | Kepone**             | 5.1    | UJ   | ng/L  | P409392  | CCV      |
|           |             | Lambda-Cyhalothrin** | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Methoprene**         | 0.77   | U    | ng/L  | P409392  |          |
|           |             | Methoxychlor         | 0.31   | U    | ng/L  | P409392  |          |
|           |             | MGK-264**            | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Mirex                | 0.72   | U    | ng/L  | P409392  |          |
|           |             | Oxychlordane**       | 0.31   | U    | ng/L  | P409392  |          |
|           |             | Permethrin           | 1.6    | U    | ng/L  | P409392  |          |
|           |             | Phenothrin**         | 0.92   | U    | ng/L  | P409392  |          |
|           |             | Piperonyl Butoxide** | 0.15   | UJ   | ng/L  | P409392  | LCS      |
|           |             | Prallethrin**        | 2.0    | U    | ng/L  | P409392  |          |
|           |             | Tau-Fluvalinate**    | 0.26   | U    | ng/L  | P409392  |          |
|           |             | Tetramethrin**       | 0.77   | U    | ng/L  | P409392  |          |

Field ID: 21030090

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component             | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|-----------------------|--------|------|-------|----------|----------|
| 2303074   | EPA 8270E   | Trans-Nonachlor**     | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Triclosan Methyl**    | 0.15   | U    | ng/L  | P409392  |          |
|           |             | Trifluralin           | 0.20   | U    | ng/L  | P409392  |          |
|           |             | Chlordane             | 2.6    | U    | ng/L  | P409392  |          |
|           |             | Toxaphene             | 15     | U    | ng/L  | P409392  |          |
| 2303077   | EPA 8270E   | Acetochlor            | 0.27   | U    | ng/L  | P409250  |          |
|           |             | Alachlor              | 0.27   | U    | ng/L  | P409250  |          |
|           |             | Ametryn               | 0.65   | U    | ng/L  | P409250  |          |
|           |             | Atrazine              | 0.67   | I    | ng/L  | P409250  | MS       |
|           |             | Atrazine Desethyl     | 1.6    | U    | ng/L  | P409250  |          |
|           |             | Azinphos Methyl       | 2.2    | U    | ng/L  | P409250  |          |
|           |             | Azoxystrobin**        | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Bromacil              | 0.54   | U    | ng/L  | P409250  | MS, RPD  |
|           |             | Butylate              | 0.44   | U    | ng/L  | P409250  |          |
|           |             | Caffeine**            | 8.2    | U    | ng/L  | P409250  |          |
|           |             | Carbophenothion       | 0.22   | U    | ng/L  | P409250  |          |
|           |             | Carfentrazone Ethyl** | 0.11   | U    | ng/L  | P409250  |          |
|           |             | Chlorfenapyr**        | 0.19   | U    | ng/L  | P409250  |          |
|           |             | Chlorpyrifos Ethyl    | 0.27   | U    | ng/L  | P409250  |          |
|           |             | Chlorpyrifos Methyl   | 0.054  | U    | ng/L  | P409250  |          |
|           |             | Coumaphos**           | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Cyanazine             | 3.5    | U    | ng/L  | P409250  |          |
|           |             | Cyprodinil**          | 0.11   | U    | ng/L  | P409250  |          |
|           |             | Demeton               | 1.6    | U    | ng/L  | P409250  |          |
|           |             | Diazinon              | 0.14   | U    | ng/L  | P409250  |          |
|           |             | Difenoconazole**      | 0.65   | U    | ng/L  | P409250  |          |
|           |             | Dimethenamid**        | 0.11   | U    | ng/L  | P409250  |          |
|           |             | Dimethomorph**        | 0.19   | U    | ng/L  | P409250  |          |
|           |             | Disulfoton            | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Dithiopyr**           | 0.19   | U    | ng/L  | P409250  |          |
|           |             | EPTC                  | 1.4    | U    | ng/L  | P409250  |          |
|           |             | Ethion                | 0.16   | U    | ng/L  | P409250  |          |
|           |             | Ethoprop              | 0.11   | U    | ng/L  | P409250  |          |
|           |             | Etridiazole**         | 0.16   | U    | ng/L  | P409250  |          |
|           |             | Fenamiphos            | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Fenbuconazole**       | 0.14   | U    | ng/L  | P409250  |          |
|           |             | Fipronil              | 0.27   | U    | ng/L  | P409250  |          |
|           |             | Fipronil Desulfinyl** | 0.43   | I    | ng/L  | P409250  |          |
|           |             | Fipronil Sulfide      | 1.0    |      | ng/L  | P409250  |          |
|           |             | Fipronil Sulfone      | 1.0    |      | ng/L  | P409250  |          |
|           |             | Fluazifop-P-butyl**   | 0.11   | U    | ng/L  | P409250  |          |
|           |             | Fludioxonil**         | 0.14   | U    | ng/L  | P409250  |          |
|           |             | Flumioxazin**         | 1.9    | U    | ng/L  | P409250  |          |
|           |             | Flutolanil**          | 0.42   | I    | ng/L  | P409250  |          |
|           |             | Fluxapyroxad**        | 0.24   | I    | ng/L  | P409250  |          |

Field ID: 21030090

Matrix: W-SURF-FRH

| Sample ID | Ref. Method | Component          | Result | Code | Units | Batch ID | QC Codes |
|-----------|-------------|--------------------|--------|------|-------|----------|----------|
| 2303077   | EPA 8270E   | Fonofos            | 0.22   | U    | ng/L  | P409250  |          |
|           |             | Hexazinone         | 1.2    | I    | ng/L  | P409250  |          |
|           |             | Imazalil**         | 0.82   | U    | ng/L  | P409250  |          |
|           |             | Iprodione**        | 0.65   | U    | ng/L  | P409250  |          |
|           |             | Loratadine**       | 0.11   | U    | ng/L  | P409250  |          |
|           |             | Malathion          | 0.38   | U    | ng/L  | P409250  |          |
|           |             | Metalaxyl          | 0.82   | U    | ng/L  | P409250  |          |
|           |             | Metolachlor        | 0.61   | I    | ng/L  | P409250  |          |
|           |             | Metribuzin         | 2.7    | U    | ng/L  | P409250  |          |
|           |             | Mevinphos          | 1.1    | U    | ng/L  | P409250  | RPD      |
|           |             | Molinate           | 0.33   | U    | ng/L  | P409250  |          |
|           |             | Myclobutanil**     | 0.27   | U    | ng/L  | P409250  |          |
|           |             | Naled**            | 1.6    | U    | ng/L  | P409250  |          |
|           |             | Napropamide**      | 0.44   | U    | ng/L  | P409250  |          |
|           |             | Norflurazon        | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Oxadiazon          | 0.33   | U    | ng/L  | P409250  |          |
|           |             | Oxyfluorfen**      | 0.16   | U    | ng/L  | P409250  |          |
|           |             | Parathion Ethyl    | 0.27   | U    | ng/L  | P409250  |          |
|           |             | Parathion Methyl   | 0.60   | U    | ng/L  | P409250  |          |
|           |             | Pendimethalin      | 1.1    | U    | ng/L  | P409250  |          |
|           |             | Phenytoin**        | 3.8    | U    | ng/L  | P409250  |          |
|           |             | Phorate            | 0.57   | U    | ng/L  | P409250  |          |
|           |             | Prodiamine**       | 0.19   | U    | ng/L  | P409250  |          |
|           |             | Prometon           | 0.98   | U    | ng/L  | P409250  |          |
|           |             | Prometryn          | 0.22   | U    | ng/L  | P409250  |          |
|           |             | Pronamide**        | 0.36   | I    | ng/L  | P409250  | MS       |
|           |             | Propanil**         | 0.14   | U    | ng/L  | P409250  | RPD      |
|           |             | Propargite**       | 1.6    | U    | ng/L  | P409250  |          |
|           |             | Propiconazole**    | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Pyraflufen Ethyl** | 0.27   | U    | ng/L  | P409250  |          |
|           |             | Pyridaben**        | 0.49   | U    | ng/L  | P409250  |          |
|           |             | Pyriproxyfen**     | 0.14   | U    | ng/L  | P409250  |          |
|           |             | Simazine           | 0.54   | U    | ng/L  | P409250  |          |
|           |             | Stirophos**        | 0.14   | U    | ng/L  | P409250  |          |
|           |             | Sulfentrazone**    | 0.57   | I    | ng/L  | P409250  | RPD      |
|           |             | Tebuconazole**     | 2.8    |      | ng/L  | P409250  |          |
|           |             | Terbufos           | 0.11   | U    | ng/L  | P409250  |          |
|           |             | Terbuthylazine     | 0.46   | U    | ng/L  | P409250  |          |
|           |             | Thiobencarb**      | 0.65   | U    | ng/L  | P409250  |          |
|           |             | Triadimefon**      | 0.27   | U    | ng/L  | P409250  |          |

Ref. Method and Comment:

EPA 8321B: MS accuracy for oxamyl could not be assessed due to high concentration of parameter in the spiked sample.

EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.

EPA 8270E: MS accuracy for Sulfentrazone not assessed due to high content of this parameter in the sample spiked.

## Quality Assurance Report

### Method Blank Results

Reference Method: EPA 8270E

Batch ID: P409250

| Component           | Result | Code | Units |
|---------------------|--------|------|-------|
| Acetochlor          | 0.25   | U    | ng/L  |
| Acetochlor          | 0.25   | U    | ng/L  |
| Alachlor            | 0.25   | U    | ng/L  |
| Alachlor            | 0.25   | U    | ng/L  |
| Ametryn             | 0.60   | U    | ng/L  |
| Ametryn             | 0.60   | U    | ng/L  |
| Atrazine            | 0.25   | U    | ng/L  |
| Atrazine            | 0.25   | U    | ng/L  |
| Atrazine Desethyl   | 1.5    | U    | ng/L  |
| Atrazine Desethyl   | 1.5    | U    | ng/L  |
| Azinphos Methyl     | 2.0    | U    | ng/L  |
| Azinphos Methyl     | 2.0    | U    | ng/L  |
| Azoxystrobin        | 0.50   | U    | ng/L  |
| Azoxystrobin        | 0.50   | U    | ng/L  |
| Bromacil            | 0.50   | U    | ng/L  |
| Bromacil            | 0.50   | U    | ng/L  |
| Butylate            | 0.40   | U    | ng/L  |
| Butylate            | 0.40   | U    | ng/L  |
| Caffeine            | 7.5    | U    | ng/L  |
| Caffeine            | 7.5    | U    | ng/L  |
| Carbophenothion     | 0.20   | U    | ng/L  |
| Carbophenothion     | 0.20   | U    | ng/L  |
| Carfentrazone Ethyl | 0.10   | U    | ng/L  |
| Carfentrazone Ethyl | 0.10   | U    | ng/L  |
| Chlorfenapyr        | 0.18   | U    | ng/L  |
| Chlorfenapyr        | 0.18   | U    | ng/L  |
| Chlorpyrifos Ethyl  | 0.25   | U    | ng/L  |
| Chlorpyrifos Ethyl  | 0.25   | U    | ng/L  |
| Chlorpyrifos Methyl | 0.050  | U    | ng/L  |
| Chlorpyrifos Methyl | 0.050  | U    | ng/L  |
| Coumaphos           | 0.50   | U    | ng/L  |
| Coumaphos           | 0.50   | U    | ng/L  |
| Cyanazine           | 3.2    | U    | ng/L  |
| Cyanazine           | 3.2    | U    | ng/L  |
| Cyprodinil          | 0.10   | U    | ng/L  |
| Cyprodinil          | 0.10   | U    | ng/L  |
| Demeton             | 1.5    | U    | ng/L  |
| Demeton             | 1.5    | U    | ng/L  |
| Diazinon            | 0.12   | U    | ng/L  |
| Diazinon            | 0.12   | U    | ng/L  |
| Difenoconazole      | 0.60   | U    | ng/L  |
| Difenoconazole      | 0.60   | U    | ng/L  |
| Dimethenamid        | 0.10   | U    | ng/L  |
| Dimethenamid        | 0.10   | U    | ng/L  |
| Dimethomorph        | 0.18   | U    | ng/L  |
| Dimethomorph        | 0.18   | U    | ng/L  |
| Disulfoton          | 0.50   | U    | ng/L  |
| Disulfoton          | 0.50   | U    | ng/L  |
| Dithiopyr           | 0.18   | U    | ng/L  |
| Dithiopyr           | 0.18   | U    | ng/L  |
| EPTC                | 1.2    | U    | ng/L  |
| EPTC                | 1.2    | U    | ng/L  |

## Quality Assurance Report

### Method Blank Results

Reference Method: EPA 8270E

Batch ID: P409250

| Component           | Result | Code | Units |
|---------------------|--------|------|-------|
| Ethion              | 0.15   | U    | ng/L  |
| Ethion              | 0.15   | U    | ng/L  |
| Ethoprop            | 0.10   | U    | ng/L  |
| Ethoprop            | 0.10   | U    | ng/L  |
| Etridiazole         | 0.15   | U    | ng/L  |
| Etridiazole         | 0.15   | U    | ng/L  |
| Fenamiphos          | 0.50   | U    | ng/L  |
| Fenamiphos          | 0.50   | U    | ng/L  |
| Fenbuconazole       | 0.12   | U    | ng/L  |
| Fenbuconazole       | 0.12   | U    | ng/L  |
| Fipronil            | 0.25   | U    | ng/L  |
| Fipronil            | 0.25   | U    | ng/L  |
| Fipronil Desulfinyl | 0.12   | U    | ng/L  |
| Fipronil Desulfinyl | 0.12   | U    | ng/L  |
| Fipronil Sulfide    | 0.15   | U    | ng/L  |
| Fipronil Sulfide    | 0.15   | U    | ng/L  |
| Fipronil Sulfone    | 0.15   | U    | ng/L  |
| Fipronil Sulfone    | 0.15   | U    | ng/L  |
| Fluazifop-P-butyl   | 0.10   | U    | ng/L  |
| Fluazifop-P-butyl   | 0.10   | U    | ng/L  |
| Fludioxonil         | 0.12   | U    | ng/L  |
| Fludioxonil         | 0.12   | U    | ng/L  |
| Flumioxazin         | 1.8    | U    | ng/L  |
| Flumioxazin         | 1.8    | U    | ng/L  |
| Flutolanil          | 0.10   | U    | ng/L  |
| Flutolanil          | 0.10   | U    | ng/L  |
| Fluxapyroxad        | 0.10   | U    | ng/L  |
| Fluxapyroxad        | 0.10   | U    | ng/L  |
| Fonofos             | 0.20   | U    | ng/L  |
| Fonofos             | 0.20   | U    | ng/L  |
| Hexazinone          | 0.50   | U    | ng/L  |
| Hexazinone          | 0.50   | U    | ng/L  |
| Imazalil            | 0.75   | U    | ng/L  |
| Imazalil            | 0.75   | U    | ng/L  |
| Iprodione           | 0.60   | U    | ng/L  |
| Iprodione           | 0.60   | U    | ng/L  |
| Loratadine          | 0.10   | U    | ng/L  |
| Loratadine          | 0.10   | U    | ng/L  |
| Malathion           | 0.35   | U    | ng/L  |
| Malathion           | 0.35   | U    | ng/L  |
| Metalaxyl           | 0.75   | U    | ng/L  |
| Metalaxyl           | 0.75   | U    | ng/L  |
| Metolachlor         | 0.35   | U    | ng/L  |
| Metolachlor         | 0.35   | U    | ng/L  |
| Metribuzin          | 2.5    | U    | ng/L  |
| Metribuzin          | 2.5    | U    | ng/L  |
| Mevinphos           | 1.0    | U    | ng/L  |
| Mevinphos           | 1.0    | U    | ng/L  |
| Molinate            | 0.30   | U    | ng/L  |
| Molinate            | 0.30   | U    | ng/L  |
| Myclobutanil        | 0.25   | U    | ng/L  |
| Myclobutanil        | 0.25   | U    | ng/L  |



## Quality Assurance Report

### Method Blank Results

Reference Method: EPA 8270E

Batch ID: P409250

| Component        | Result | Code | Units |
|------------------|--------|------|-------|
| Naled            | 1.5    | U    | ng/L  |
| Naled            | 1.5    | U    | ng/L  |
| Napropamide      | 0.40   | U    | ng/L  |
| Napropamide      | 0.40   | U    | ng/L  |
| Norflurazon      | 0.50   | U    | ng/L  |
| Norflurazon      | 0.50   | U    | ng/L  |
| Oxadiazon        | 0.30   | U    | ng/L  |
| Oxadiazon        | 0.30   | U    | ng/L  |
| Oxyfluorfen      | 0.15   | U    | ng/L  |
| Oxyfluorfen      | 0.15   | U    | ng/L  |
| Parathion Ethyl  | 0.25   | U    | ng/L  |
| Parathion Ethyl  | 0.25   | U    | ng/L  |
| Parathion Methyl | 0.55   | U    | ng/L  |
| Parathion Methyl | 0.55   | U    | ng/L  |
| Pendimethalin    | 1.0    | U    | ng/L  |
| Pendimethalin    | 1.0    | U    | ng/L  |
| Phenytol         | 3.5    | U    | ng/L  |
| Phenytol         | 3.5    | U    | ng/L  |
| Phorate          | 0.52   | U    | ng/L  |
| Phorate          | 0.52   | U    | ng/L  |
| Prodiatone       | 0.18   | U    | ng/L  |
| Prodiatone       | 0.18   | U    | ng/L  |
| Prometon         | 0.90   | U    | ng/L  |
| Prometon         | 0.90   | U    | ng/L  |
| Prometryn        | 0.20   | U    | ng/L  |
| Prometryn        | 0.20   | U    | ng/L  |
| Pronamide        | 0.15   | U    | ng/L  |
| Pronamide        | 0.15   | U    | ng/L  |
| Propanil         | 0.12   | U    | ng/L  |
| Propanil         | 0.12   | U    | ng/L  |
| Propargite       | 1.5    | U    | ng/L  |
| Propargite       | 1.5    | U    | ng/L  |
| Propiconazole    | 0.50   | U    | ng/L  |
| Propiconazole    | 0.50   | U    | ng/L  |
| Pyraflufen Ethyl | 0.25   | U    | ng/L  |
| Pyraflufen Ethyl | 0.25   | U    | ng/L  |
| Pyridaben        | 0.45   | U    | ng/L  |
| Pyridaben        | 0.45   | U    | ng/L  |
| Pyriproxyfen     | 0.12   | U    | ng/L  |
| Pyriproxyfen     | 0.12   | U    | ng/L  |
| Simazine         | 0.50   | U    | ng/L  |
| Simazine         | 0.50   | U    | ng/L  |
| Stirophos        | 0.12   | U    | ng/L  |
| Stirophos        | 0.12   | U    | ng/L  |
| Sulfentrazole    | 0.50   | U    | ng/L  |
| Sulfentrazole    | 0.50   | U    | ng/L  |
| Tebuconazole     | 0.50   | U    | ng/L  |
| Tebuconazole     | 0.50   | U    | ng/L  |
| Terbufos         | 0.10   | U    | ng/L  |
| Terbufos         | 0.10   | U    | ng/L  |
| Terbutylazine    | 0.42   | U    | ng/L  |
| Terbutylazine    | 0.42   | U    | ng/L  |

## Quality Assurance Report Method Blank Results

Reference Method: EPA 8270E  
Batch ID: P409250

| Component   | Result | Code | Units |
|-------------|--------|------|-------|
| Thiobencarb | 0.60   | U    | ng/L  |
| Thiobencarb | 0.60   | U    | ng/L  |
| Triadimefon | 0.25   | U    | ng/L  |
| Triadimefon | 0.25   | U    | ng/L  |

Reference Method: EPA 8270E  
Batch ID: P409392

| Component          | Result | Code | Units |
|--------------------|--------|------|-------|
| Aldrin             | 0.65   | U    | ng/L  |
| Aldrin             | 0.65   | U    | ng/L  |
| Alpha-BHC          | 0.10   | U    | ng/L  |
| Alpha-BHC          | 0.10   | U    | ng/L  |
| Alpha-Chlordane    | 0.20   | U    | ng/L  |
| Alpha-Chlordane    | 0.20   | U    | ng/L  |
| Beta-BHC           | 0.10   | U    | ng/L  |
| Beta-BHC           | 0.10   | U    | ng/L  |
| Beta-Cyfluthrin    | 1.2    | U    | ng/L  |
| Beta-Cyfluthrin    | 1.2    | U    | ng/L  |
| Bifenthrin         | 0.50   | U    | ng/L  |
| Bifenthrin         | 0.50   | U    | ng/L  |
| Chlorothalonil     | 1.2    | U    | ng/L  |
| Chlorothalonil     | 1.2    | U    | ng/L  |
| Cis-Nonachlor      | 0.20   | U    | ng/L  |
| Cis-Nonachlor      | 0.20   | U    | ng/L  |
| Cypermethrin       | 1.5    | U    | ng/L  |
| Cypermethrin       | 1.5    | U    | ng/L  |
| Dacthal            | 0.15   | U    | ng/L  |
| Dacthal            | 0.15   | U    | ng/L  |
| DDD-p,p'           | 0.25   | U    | ng/L  |
| DDD-p,p'           | 0.25   | U    | ng/L  |
| DDE-p,p'           | 0.20   | U    | ng/L  |
| DDE-p,p'           | 0.20   | U    | ng/L  |
| DDT-p,p'           | 0.25   | U    | ng/L  |
| DDT-p,p'           | 0.25   | U    | ng/L  |
| Delta-BHC          | 0.40   | U    | ng/L  |
| Delta-BHC          | 0.40   | U    | ng/L  |
| Deltamethrin       | 1.2    | U    | ng/L  |
| Deltamethrin       | 1.2    | U    | ng/L  |
| Dichlobenil        | 0.25   | U    | ng/L  |
| Dichlobenil        | 0.25   | U    | ng/L  |
| Dicofol            | 1.2    | U    | ng/L  |
| Dicofol            | 1.2    | U    | ng/L  |
| Dieldrin           | 0.40   | U    | ng/L  |
| Dieldrin           | 0.40   | U    | ng/L  |
| Endosulfan I       | 0.40   | U    | ng/L  |
| Endosulfan I       | 0.40   | U    | ng/L  |
| Endosulfan II      | 0.40   | U    | ng/L  |
| Endosulfan II      | 0.40   | U    | ng/L  |
| Endosulfan Sulfate | 0.30   | U    | ng/L  |
| Endosulfan Sulfate | 0.30   | U    | ng/L  |
| Endrin             | 0.40   | U    | ng/L  |

## Quality Assurance Report

### Method Blank Results

Reference Method: EPA 8270E

Batch ID: P409392

| Component          | Result | Code | Units |
|--------------------|--------|------|-------|
| Endrin             | 0.40   | U    | ng/L  |
| Endrin Aldehyde    | 0.75   | U    | ng/L  |
| Endrin Aldehyde    | 0.75   | U    | ng/L  |
| Endrin Ketone      | 0.40   | U    | ng/L  |
| Endrin Ketone      | 0.40   | U    | ng/L  |
| Esfenvalerate      | 0.75   | U    | ng/L  |
| Esfenvalerate      | 0.75   | U    | ng/L  |
| Ethalfuralin       | 0.15   | U    | ng/L  |
| Ethalfuralin       | 0.15   | U    | ng/L  |
| Fenpropathrin      | 0.25   | U    | ng/L  |
| Fenpropathrin      | 0.25   | U    | ng/L  |
| Gamma-BHC          | 0.12   | U    | ng/L  |
| Gamma-BHC          | 0.12   | U    | ng/L  |
| Gamma-Chlordane    | 0.20   | U    | ng/L  |
| Gamma-Chlordane    | 0.20   | U    | ng/L  |
| Heptachlor         | 0.20   | U    | ng/L  |
| Heptachlor         | 0.20   | U    | ng/L  |
| Heptachlor Epoxide | 0.25   | U    | ng/L  |
| Heptachlor Epoxide | 0.25   | U    | ng/L  |
| Hexachlorobenzene  | 1.0    | U    | ng/L  |
| Hexachlorobenzene  | 1.0    | U    | ng/L  |
| Kepone             | 5.0    | U    | ng/L  |
| Kepone             | 5.0    | U    | ng/L  |
| Lambda-Cyhalothrin | 0.75   | U    | ng/L  |
| Lambda-Cyhalothrin | 0.75   | U    | ng/L  |
| Methoprene         | 0.75   | U    | ng/L  |
| Methoprene         | 0.75   | U    | ng/L  |
| Methoxychlor       | 0.30   | U    | ng/L  |
| Methoxychlor       | 0.30   | U    | ng/L  |
| MGK-264            | 0.20   | U    | ng/L  |
| MGK-264            | 0.20   | U    | ng/L  |
| Mirex              | 0.70   | U    | ng/L  |
| Mirex              | 0.70   | U    | ng/L  |
| Oxychlordane       | 0.30   | U    | ng/L  |
| Oxychlordane       | 0.30   | U    | ng/L  |
| Permethrin         | 1.6    | U    | ng/L  |
| Permethrin         | 1.6    | U    | ng/L  |
| Phenothrin         | 0.90   | U    | ng/L  |
| Phenothrin         | 0.90   | U    | ng/L  |
| Piperonyl Butoxide | 0.15   | U    | ng/L  |
| Piperonyl Butoxide | 0.15   | U    | ng/L  |
| Prallethrin        | 2.0    | U    | ng/L  |
| Prallethrin        | 2.0    | U    | ng/L  |
| Tau-Fluvalinate    | 0.25   | U    | ng/L  |
| Tau-Fluvalinate    | 0.25   | U    | ng/L  |
| Tetramethrin       | 0.75   | U    | ng/L  |
| Tetramethrin       | 0.75   | U    | ng/L  |
| Trans-Nonachlor    | 0.20   | U    | ng/L  |
| Trans-Nonachlor    | 0.20   | U    | ng/L  |
| Triclosan Methyl   | 0.15   | U    | ng/L  |
| Triclosan Methyl   | 0.15   | U    | ng/L  |
| Trifluralin        | 0.20   | U    | ng/L  |

## Quality Assurance Report Method Blank Results

Reference Method: EPA 8270E  
Batch ID: P409392

| Component   | Result | Code | Units |
|-------------|--------|------|-------|
| Trifluralin | 0.20   | U    | ng/L  |

Reference Method: EPA 8276  
Batch ID: P409392

| Component | Result | Code | Units |
|-----------|--------|------|-------|
| Chlordane | 2.5    | U    | ng/L  |
| Chlordane | 2.5    | U    | ng/L  |
| Toxaphene | 15     | U    | ng/L  |
| Toxaphene | 15     | U    | ng/L  |

Reference Method: EPA 8321B  
Batch ID: P409301

| Component        | Result  | Code | Units |
|------------------|---------|------|-------|
| 2,4-D            | 0.0020  | U    | ug/L  |
| 2,4,5-T          | 0.0040  | U    | ug/L  |
| Acetaminophen    | 0.0080  | U    | ug/L  |
| Acetamiprid      | 0.0020  | U    | ug/L  |
| Afidopyropen     | 0.0020  | U    | ug/L  |
| Bentazon         | 8.0E-04 | U    | ug/L  |
| Benzovindiflupyr | 0.0020  | U    | ug/L  |
| Carbamazepine    | 8.0E-04 | U    | ug/L  |
| Clothianidin     | 0.0020  | U    | ug/L  |
| Dinotefuran      | 0.0020  | U    | ug/L  |
| Diuron           | 0.0020  | U    | ug/L  |
| Fenuron          | 0.016   | U    | ug/L  |
| Fluridone        | 8.0E-04 | U    | ug/L  |
| Hydrocodone      | 0.0020  | U    | ug/L  |
| Ibuprofen        | 0.020   | U    | ug/L  |
| Imazapyr         | 0.0040  | U    | ug/L  |
| Imidacloprid     | 0.0020  | U    | ug/L  |
| Linuron          | 0.0040  | U    | ug/L  |
| Mandestrobin     | 0.0020  | U    | ug/L  |
| MCPP             | 0.0040  | U    | ug/L  |
| Naproxen         | 0.0080  | U    | ug/L  |
| Primidone        | 0.0040  | U    | ug/L  |
| Pyraclostrobin   | 0.0020  | U    | ug/L  |
| Silvex           | 0.0040  | U    | ug/L  |
| Thiamethoxam     | 0.0020  | U    | ug/L  |
| Tolfenpyrad      | 0.0020  | U    | ug/L  |
| Triclopyr        | 0.0040  | U    | ug/L  |

Reference Method: EPA 8321B  
Batch ID: P409328

| Component    | Result | Code | Units |
|--------------|--------|------|-------|
| Acesulfame K | 0.10   | U    | ug/L  |
| AMPA         | 0.10   | U    | ug/L  |
| Endothall    | 0.25   | U    | ug/L  |
| Glufosinate  | 0.10   | U    | ug/L  |
| Glyphosate   | 0.10   | U    | ug/L  |

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## Quality Assurance Report

### Method Blank Results

Reference Method: EPA 8321B  
Batch ID: P409328

| Component | Result | Code | Units |
|-----------|--------|------|-------|
| Sucralose | 0.010  | U    | ug/L  |

Reference Method: EPA 8321B  
Batch ID: P409339

| Component           | Result | Code | Units |
|---------------------|--------|------|-------|
| 3-Hydroxycarbofuran | 0.0020 | U    | ug/L  |
| Aldicarb            | 0.020  | U    | ug/L  |
| Aldicarb Sulfone    | 0.0020 | U    | ug/L  |
| Aldicarb Sulfoxide  | 0.0020 | U    | ug/L  |
| Carbaryl            | 0.0020 | U    | ug/L  |
| Carbofuran          | 0.0020 | U    | ug/L  |
| Methiocarb          | 0.0020 | U    | ug/L  |
| Methomyl            | 0.0020 | U    | ug/L  |
| Oxamyl              | 0.0020 | U    | ug/L  |
| Propoxur            | 0.0020 | U    | ug/L  |

## Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 8270E  
 Batch ID: P409250

| Component           | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------------|---------|---------|-----------|----------------|
| Acetochlor          | 96.2    |         | P         | 70 - 121       |
| Alachlor            | 88.6    |         | P         | 68 - 119       |
| Ametryn             | 96.4    |         | P         | 64 - 139       |
| Atrazine            | 94.2    |         | P         | 76 - 120       |
| Atrazine Desethyl   | 50.0    |         | P         | 44 - 126       |
| Azinphos Methyl     | 82.2    |         | P         | 43 - 192       |
| Azoxystrobin        | 91.4    |         | P         | 36 - 224       |
| Bromacil            | 68.6    |         | P         | 52 - 121       |
| Butylate            | 66.3    |         | P         | 28 - 91.0      |
| Caffeine            | 131     |         | P         | 50 - 134       |
| Carbophenothion     | 90.5    |         | P         | 56 - 129       |
| Carfentrazone Ethyl | 88.5    |         | P         | 60 - 141       |
| Chlorfenapyr        | 91.5    |         | P         | 56 - 115       |
| Chlorpyrifos Ethyl  | 111     |         | P         | 60 - 118       |
| Chlorpyrifos Methyl | 97.5    |         | P         | 68 - 119       |
| Coumaphos           | 137     |         | P         | 18 - 250       |
| Cyanazine           | 86.3    |         | P         | 61 - 250       |
| Cyprodinil          | 85.9    |         | P         | 55 - 145       |
| Demeton             | 85.5    |         | P         | 30 - 159       |
| Diazinon            | 108     |         | P         | 70 - 123       |
| Difenoconazole      | 89.8    |         | P         | 49 - 204       |
| Dimethenamid        | 82.6    |         | P         | 64 - 115       |
| Dimethomorph        | 86.6    |         | P         | 12 - 219       |
| Disulfoton          | 87.3    |         | P         | 44 - 125       |
| Dithiopyr           | 101     |         | P         | 64 - 115       |
| EPTC                | 62.6    |         | P         | 28 - 86.0      |
| Ethion              | 97.5    |         | P         | 33 - 125       |
| Ethoprop            | 87.2    |         | P         | 64 - 116       |
| Etridiazole         | 65.7    |         | P         | 34 - 91.0      |
| Fenamiphos          | 107     |         | P         | 12 - 127       |
| Fenbuconazole       | 113     |         | P         | 59 - 151       |
| Fipronil            | 96.3    |         | P         | 67 - 129       |
| Fipronil Desulfinyl | 90.6    |         | P         | 65 - 127       |
| Fipronil Sulfide    | 90.2    |         | P         | 61 - 116       |
| Fipronil Sulfone    | 86.9    |         | P         | 55 - 117       |
| Fluazifop-P-butyl   | 87.6    |         | P         | 62 - 127       |
| Fludioxonil         | 92.9    |         | P         | 62 - 128       |
| Flumioxazin         | 121     |         | P         | 33 - 250       |
| Flutolanil          | 84.7    |         | P         | 56 - 127       |
| Fluxapyroxad        | 109     |         | P         | 45 - 128       |
| Fonofos             | 85.4    |         | P         | 62 - 111       |
| Hexazinone          | 88.3    |         | P         | 46 - 139       |
| Imazalil            | 79.3    |         | P         | 38 - 142       |
| Iprodione           | 62.7    |         | P         | 47 - 135       |
| Loratadine          | 76.1    |         | P         | 10 - 244       |
| Malathion           | 122     |         | P         | 61 - 139       |
| Metalaxyl           | 84.3    |         | P         | 10 - 119       |
| Metolachlor         | 93.5    |         | P         | 65 - 118       |
| Metribuzin          | 85.8    |         | P         | 51 - 250       |
| Mevinphos           | 80.1    |         | P         | 53 - 121       |
| Molinate            | 75.2    |         | P         | 42 - 96.0      |
| Myclobutanil        | 91.0    |         | P         | 55 - 128       |

## Quality Assurance Report

### Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P409250

| Component        | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|------------------|---------|---------|-----------|----------------|
| Naled            | 90.1    |         | P         | 10 - 98.0      |
| Napropamide      | 82.8    |         | P         | 49 - 121       |
| Norflurazon      | 93.2    |         | P         | 61 - 126       |
| Oxadiazon        | 80.4    |         | P         | 59 - 116       |
| Oxyfluorfen      | 107     |         | P         | 64 - 137       |
| Parathion Ethyl  | 88.8    |         | P         | 70 - 112       |
| Parathion Methyl | 108     |         | P         | 76 - 133       |
| Pendimethalin    | 80.5    |         | P         | 52 - 117       |
| Phenytoin        | 53.8    |         | P         | 10 - 199       |
| Phorate          | 97.5    |         | P         | 48 - 121       |
| Prodiamine       | 124     |         | P         | 26 - 142       |
| Prometon         | 101     |         | P         | 43 - 123       |
| Prometryn        | 82.9    |         | P         | 66 - 127       |
| Pronamide        | 92.3    |         | P         | 75 - 121       |
| Propanil         | 100     |         | P         | 45 - 150       |
| Propargite       | 127     |         | P         | 42 - 208       |
| Propiconazole    | 101     |         | P         | 60 - 125       |
| Pyraflufen Ethyl | 113     |         | P         | 70 - 138       |
| Pyridaben        | 117     |         | P         | 35 - 245       |
| Pyriproxyfen     | 70.1    |         | P         | 30 - 149       |
| Simazine         | 84.0    |         | P         | 72 - 125       |
| Stirophos        | 88.0    |         | P         | 29 - 164       |
| Sulfentrazone    | 59.6    |         | P         | 21 - 139       |
| Tebuconazole     | 115     |         | P         | 10 - 115       |
| Terbufos         | 105     |         | P         | 60 - 123       |
| Terbuthylazine   | 86.6    |         | P         | 72 - 115       |
| Thiobencarb      | 99.1    |         | P         | 31 - 139       |
| Triadimefon      | 82.3    |         | P         | 65 - 116       |

Reference Method: EPA 8270E

Batch ID: P409392

| Component       | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|-----------------|---------|---------|-----------|----------------|
| Aldrin          | 62.2    |         | P         | 10 - 93.0      |
| Alpha-BHC       | 89.1    |         | P         | 75 - 106       |
| Alpha-Chlordane | 78.1    |         | P         | 50 - 109       |
| Beta-BHC        | 97.8    |         | P         | 65 - 135       |
| Beta-Cyfluthrin | 107     |         | P         | 23 - 167       |
| Bifenthrin      | 63.8    |         | P         | 11 - 123       |
| Chlorothalonil  | 134     |         | P         | 26 - 182       |
| Cis-Nonachlor   | 70.6    |         | P         | 40 - 111       |
| Cypermethrin    | 86.7    |         | P         | 25 - 155       |
| Dacthal         | 90.4    |         | P         | 73 - 112       |
| DDD-p,p'        | 72.3    |         | P         | 47 - 108       |
| DDE-p,p'        | 81.8    |         | P         | 48 - 107       |
| DDT-p,p'        | 91.5    |         | P         | 49 - 111       |
| Delta-BHC       | 107     |         | P         | 68 - 143       |
| Deltamethrin    | 106     |         | P         | 16 - 176       |
| Dichlobenil     | 91.3    |         | P         | 32 - 113       |
| Dicofol         | 74.7    |         | P         | 50 - 108       |
| Dieldrin        | 75.4    |         | P         | 56 - 110       |
| Endosulfan I    | 84.0    |         | P         | 60 - 105       |

## Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P409392

| Component          | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|--------------------|---------|---------|-----------|----------------|
| Endosulfan II      | 80.6    |         | P         | 50 - 120       |
| Endosulfan Sulfate | 88.3    |         | P         | 55 - 121       |
| Endrin             | 9.30    |         | F         | 35 - 117       |
| Endrin Aldehyde    | 57.0    |         | P         | 36 - 116       |
| Endrin Ketone      | 148     |         | F         | 56 - 130       |
| Esfenvalerate      | 90.6    |         | P         | 10 - 179       |
| Ethalfuralin       | 70.1    |         | P         | 49 - 99.0      |
| Fenpropathrin      | 69.3    |         | P         | 35 - 119       |
| Gamma-BHC          | 89.3    |         | P         | 72 - 115       |
| Gamma-Chlordane    | 76.1    |         | P         | 45 - 107       |
| Heptachlor         | 73.3    |         | P         | 41 - 100       |
| Heptachlor Epoxide | 78.4    |         | P         | 58 - 106       |
| Hexachlorobenzene  | 78.4    |         | P         | 39 - 100       |
| Kepone             | 62.9    |         | P         | 10 - 191       |
| Lambda-Cyhalothrin | 96.7    |         | P         | 10 - 186       |
| Methoprene         | 25.6    |         | P         | 10 - 129       |
| Methoxychlor       | 87.6    |         | P         | 61 - 111       |
| MGK-264            | 86.0    |         | P         | 20 - 123       |
| Mirex              | 58.1    |         | P         | 10 - 182       |
| Oxychlordane       | 76.9    |         | P         | 39 - 110       |
| Permethrin         | 83.8    |         | P         | 26 - 152       |
| Phenothrin         | 64.9    |         | P         | 10 - 109       |
| Piperonyl Butoxide | 0.166   |         | F         | 27 - 142       |
| Prallethrin        | 62.1    |         | P         | 14 - 109       |
| Tau-Fluvalinate    | 69.6    |         | P         | 16 - 134       |
| Tetramethrin       | 61.6    |         | P         | 10 - 125       |
| Trans-Nonachlor    | 76.9    |         | P         | 45 - 107       |
| Triclosan Methyl   | 83.8    |         | P         | 60 - 110       |
| Trifluralin        | 74.5    |         | P         | 49 - 98.0      |

Reference Method: EPA 8276

Batch ID: P409392

| Component | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|-----------|---------|---------|-----------|----------------|
| Chlordane | 88.1    |         | P         | 61 - 118       |
| Toxaphene | 91.3    |         | P         | 51 - 122       |

Reference Method: EPA 8321B

Batch ID: P409301

| Component        | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|------------------|---------|---------|-----------|----------------|
| 2,4-D            | 91.8    |         | P         | 40 - 150       |
| 2,4,5-T          | 73.8    |         | P         | 40 - 150       |
| Acetaminophen    | 87.0    |         | P         | 30 - 150       |
| Acetamiprid      | 94.5    |         | P         | 40 - 150       |
| Afidopyropen     | 75.7    |         | P         | 40 - 150       |
| Bentazon         | 101     |         | P         | 30 - 150       |
| Benzovindiflupyr | 85.1    |         | P         | 40 - 150       |
| Carbamazepine    | 84.1    |         | P         | 40 - 150       |
| Clothianidin     | 86.7    |         | P         | 40 - 150       |
| Dinotefuran      | 90.6    |         | P         | 40 - 150       |
| Diuron           | 102     |         | P         | 40 - 150       |



## Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 8321B

Batch ID: P409301

| Component      | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|----------------|---------|---------|-----------|----------------|
| Fenuron        | 94.9    |         | P         | 40 - 150       |
| Fluridone      | 88.9    |         | P         | 40 - 150       |
| Hydrocodone    | 93.5    |         | P         | 40 - 150       |
| Ibuprofen      | 80.5    |         | P         | 40 - 150       |
| Imazapyr       | 96.2    |         | P         | 40 - 150       |
| Imidacloprid   | 94.7    |         | P         | 40 - 150       |
| Linuron        | 76.0    |         | P         | 40 - 150       |
| Mandestrobin   | 96.6    |         | P         | 40 - 150       |
| MCPP           | 92.2    |         | P         | 40 - 150       |
| Naproxen       | 60.9    |         | P         | 40 - 150       |
| Primidone      | 118     |         | P         | 40 - 150       |
| Pyraclostrobin | 79.5    |         | P         | 40 - 150       |
| Silvex         | 69.8    |         | P         | 40 - 150       |
| Thiamethoxam   | 91.1    |         | P         | 40 - 150       |
| Tolfenpyrad    | 59.2    |         | P         | 30 - 150       |
| Triclopyr      | 75.3    |         | P         | 40 - 150       |

Reference Method: EPA 8321B

Batch ID: P409328

| Component    | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|--------------|---------|---------|-----------|----------------|
| Acesulfame K | 80.3    |         | P         | 40 - 150       |
| AMPA         | 86.2    |         | P         | 40 - 150       |
| Endothall    | 78.3    |         | P         | 40 - 150       |
| Glufosinate  | 94.3    |         | P         | 40 - 150       |
| Glyphosate   | 88.9    |         | P         | 40 - 150       |
| Sucralose    | 81.9    |         | P         | 40 - 150       |

Reference Method: EPA 8321B

Batch ID: P409339

| Component           | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------------|---------|---------|-----------|----------------|
| 3-Hydroxycarbofuran | 65.1    |         | P         | 40 - 150       |
| Aldicarb            | 53.2    |         | P         | 30 - 150       |
| Aldicarb Sulfone    | 111     |         | P         | 40 - 150       |
| Aldicarb Sulfoxide  | 82.4    |         | P         | 40 - 150       |
| Carbaryl            | 73.5    |         | P         | 40 - 150       |
| Carbofuran          | 85.9    |         | P         | 40 - 150       |
| Methiocarb          | 78.5    |         | P         | 40 - 150       |
| Methomyl            | 82.9    |         | P         | 40 - 150       |
| Oxamyl              | 112     |         | P         | 40 - 150       |
| Propoxur            | 88.2    |         | P         | 40 - 150       |

## Quality Assurance Report

### Matrix Spike Accuracy

Reference Method: EPA 8270E  
Batch ID: P409250

| Spiked Sample | Component           | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|---------------------|---------|---------|-----------|----------------|
| 2303075       | Acetochlor          | 78.7    | 96.7    | P/P       | 65 - 124       |
| 2303075       | Alachlor            | 73.5    | 88.4    | P/P       | 61 - 121       |
| 2303075       | Ametryn             | 82.4    | 90.6    | P/P       | 52 - 216       |
| 2303075       | Atrazine            | 55.9    | 102     | F/P       | 68 - 133       |
| 2303075       | Atrazine Desethyl   | 32.5    | 44.3    | P/P       | 15 - 160       |
| 2303075       | Azinphos Methyl     | 74.0    | 87.2    | P/P       | 40 - 292       |
| 2303075       | Azoxystrobin        | 77.2    | 92.6    | P/P       | 12 - 242       |
| 2303075       | Bromacil            | 46.3    | 64.8    | F/P       | 54 - 167       |
| 2303075       | Butylate            | 49.0    | 59.8    | P/P       | 14 - 94.0      |
| 2303075       | Caffeine            | 97.3    | 115     | P/P       | 10 - 226       |
| 2303075       | Carbophenothion     | 88.1    | 88.2    | P/P       | 49 - 122       |
| 2303075       | Carfentrazone Ethyl | 72.6    | 83.5    | P/P       | 53 - 138       |
| 2303075       | Chlorfenapyr        | 88.6    | 81.9    | P/P       | 50 - 150       |
| 2303075       | Chlorpyrifos Ethyl  | 96.9    | 110     | P/P       | 52 - 122       |
| 2303075       | Chlorpyrifos Methyl | 86.5    | 96.3    | P/P       | 66 - 117       |
| 2303075       | Coumaphos           | 135     | 152     | P/P       | 50 - 220       |
| 2303075       | Cyanazine           | 73.3    | 86.8    | P/P       | 43 - 245       |
| 2303075       | Cyprodinil          | 74.4    | 90.2    | P/P       | 50 - 150       |
| 2303075       | Demeton             | 75.8    | 90.3    | P/P       | 43 - 188       |
| 2303075       | Diazinon            | 85.4    | 104     | P/P       | 69 - 131       |
| 2303075       | Difenoconazole      | 85.0    | 90.9    | P/P       | 34 - 231       |
| 2303075       | Dimethenamid        | 70.3    | 86.7    | P/P       | 55 - 118       |
| 2303075       | Dimethomorph        | 75.8    | 91.2    | P/P       | 50 - 150       |
| 2303075       | Disulfoton          | 78.6    | 96.5    | P/P       | 38 - 141       |
| 2303075       | Dithiopyr           | 86.6    | 93.1    | P/P       | 42 - 116       |
| 2303075       | EPTC                | 46.3    | 55.3    | P/P       | 18 - 85.0      |
| 2303075       | Ethion              | 92.8    | 88.1    | P/P       | 10 - 131       |
| 2303075       | Ethoprop            | 78.5    | 95.9    | P/P       | 65 - 129       |
| 2303075       | Etridiazole         | 52.1    | 63.0    | P/P       | 50 - 150       |
| 2303075       | Fenamiphos          | 101     | 114     | P/P       | 31 - 137       |
| 2303075       | Fenbuconazole       | 96.7    | 115     | P/P       | 57 - 160       |
| 2303075       | Fipronil            | 74.1    | 95.3    | P/P       | 62 - 132       |
| 2303075       | Fipronil Desulfinyl | 65.2    | 88.7    | P/P       | 57 - 131       |
| 2303075       | Fipronil Sulfide    | 70.2    | 88.2    | P/P       | 15 - 138       |
| 2303075       | Fipronil Sulfone    | 70.4    | 83.7    | P/P       | 21 - 134       |
| 2303075       | Fluazifop-P-butyl   | 79.2    | 83.7    | P/P       | 54 - 133       |
| 2303075       | Fludioxonil         | 72.6    | 86.8    | P/P       | 58 - 127       |
| 2303075       | Flumioxazin         | 127     | 164     | P/P       | 33 - 300       |
| 2303075       | Flutolanil          | 64.4    | 85.5    | P/P       | 42 - 130       |
| 2303075       | Fluxapyroxad        | 88.9    | 127     | P/P       | 23 - 141       |
| 2303075       | Fonofos             | 72.3    | 87.7    | P/P       | 58 - 119       |
| 2303075       | Hexazinone          | 68.6    | 90.8    | P/P       | 68 - 172       |
| 2303075       | Imazalil            | 76.7    | 74.3    | P/P       | 48 - 283       |
| 2303075       | Iprodione           | 58.8    | 70.2    | P/P       | 38 - 140       |
| 2303075       | Loratadine          | 71.5    | 81.9    | P/P       | 50 - 150       |
| 2303075       | Malathion           | 103     | 116     | P/P       | 40 - 137       |
| 2303075       | Metalaxyl           | 69.9    | 82.5    | P/P       | 21 - 129       |
| 2303075       | Metolachlor         | 72.0    | 87.8    | P/P       | 55 - 122       |
| 2303075       | Metribuzin          | 70.5    | 74.5    | P/P       | 38 - 187       |
| 2303075       | Mevinphos           | 62.0    | 82.7    | P/P       | 54 - 134       |
| 2303075       | Molinate            | 63.4    | 77.5    | P/P       | 41 - 97.0      |
| 2303075       | Myclobutanil        | 76.8    | 89.0    | P/P       | 56 - 125       |

## Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8270E  
Batch ID: P409250

| Spiked Sample | Component        | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|------------------|---------|---------|-----------|----------------|
| 2303075       | Naled            | 75.1    | 88.7    | P/P       | 10 - 108       |
| 2303075       | Napropamide      | 67.1    | 80.3    | P/P       | 50 - 150       |
| 2303075       | Norflurazon      | 74.4    | 91.9    | P/P       | 32 - 122       |
| 2303075       | Oxadiazon        | 71.0    | 74.7    | P/P       | 40 - 119       |
| 2303075       | Oxyfluorfen      | 102     | 108     | P/P       | 61 - 153       |
| 2303075       | Parathion Ethyl  | 74.0    | 80.5    | P/P       | 59 - 130       |
| 2303075       | Parathion Methyl | 91.7    | 108     | P/P       | 65 - 155       |
| 2303075       | Pendimethalin    | 72.1    | 78.3    | P/P       | 49 - 138       |
| 2303075       | Phenytoin        | 50.1    | 66.3    | P/P       | 50 - 200       |
| 2303075       | Phorate          | 95.2    | 88.9    | P/P       | 54 - 161       |
| 2303075       | Prodiamine       | 109     | 117     | P/P       | 33 - 161       |
| 2303075       | Prometon         | 95.4    | 111     | P/P       | 48 - 140       |
| 2303075       | Prometryn        | 72.4    | 88.8    | P/P       | 55 - 134       |
| 2303075       | Pronamide        | 54.6    | 92.9    | F/P       | 66 - 137       |
| 2303075       | Propanil         | 76.2    | 104     | P/P       | 50 - 150       |
| 2303075       | Propargite       | 114     | 127     | P/P       | 50 - 200       |
| 2303075       | Propiconazole    | 89.9    | 104     | P/P       | 36 - 150       |
| 2303075       | Pyraflufen Ethyl | 96.6    | 109     | P/P       | 50 - 150       |
| 2303075       | Pyridaben        | 108     | 117     | P/P       | 50 - 200       |
| 2303075       | Pyriproxyfen     | 64.5    | 67.2    | P/P       | 10 - 165       |
| 2303075       | Simazine         | 70.6    | 87.4    | P/P       | 57 - 145       |
| 2303075       | Stirophos        | 78.2    | 84.4    | P/P       | 50 - 150       |
| 2303075       | Tebuconazole     | 86.4    | 111     | P/P       | 10 - 127       |
| 2303075       | Terbufos         | 103     | 117     | P/P       | 59 - 138       |
| 2303075       | Terbutylazine    | 73.9    | 89.8    | P/P       | 68 - 119       |
| 2303075       | Thiobencarb      | 78.5    | 96.1    | P/P       | 50 - 150       |
| 2303075       | Triadimefon      | 63.6    | 85.9    | P/P       | 50 - 150       |

Reference Method: EPA 8270E  
Batch ID: P409392

| Spiked Sample | Component       | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|-----------------|---------|---------|-----------|----------------|
| 2303520       | Aldrin          | 64.5    | 61.6    | P/P       | 10 - 89.0      |
| 2303520       | Alpha-BHC       | 89.8    | 85.6    | P/P       | 71 - 105       |
| 2303520       | Alpha-Chlordane | 75.3    | 80.8    | P/P       | 43 - 107       |
| 2303520       | Beta-BHC        | 91.6    | 100     | P/P       | 57 - 152       |
| 2303520       | Beta-Cyfluthrin | 115     | 109     | P/P       | 29 - 186       |
| 2303520       | Bifenthrin      | 74.9    | 69.7    | P/P       | 19 - 119       |
| 2303520       | Chlorothalonil  | 138     | 124     | P/P       | 10 - 245       |
| 2303520       | Cis-Nonachlor   | 79.0    | 73.9    | P/P       | 36 - 110       |
| 2303520       | Cypermethrin    | 95.8    | 87.9    | P/P       | 24 - 169       |
| 2303520       | Dacthal         | 90.3    | 90.3    | P/P       | 62 - 115       |
| 2303520       | DDD-p,p'        | 74.5    | 72.5    | P/P       | 36 - 109       |
| 2303520       | DDE-p,p'        | 80.9    | 80.2    | P/P       | 30 - 114       |
| 2303520       | DDT-p,p'        | 95.7    | 94.7    | P/P       | 42 - 108       |
| 2303520       | Delta-BHC       | 102     | 105     | P/P       | 60 - 164       |
| 2303520       | Deltamethrin    | 113     | 106     | P/P       | 10 - 210       |
| 2303520       | Dichlobenil     | 88.5    | 86.4    | P/P       | 23 - 108       |
| 2303520       | Dicofol         | 77.6    | 76.1    | P/P       | 44 - 109       |
| 2303520       | Dieldrin        | 84.4    | 83.8    | P/P       | 37 - 119       |
| 2303520       | Endosulfan I    | 85.4    | 83.4    | P/P       | 52 - 105       |
| 2303520       | Endosulfan II   | 78.8    | 77.3    | P/P       | 35 - 127       |

## Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8270E

Batch ID: P409392

| Spiked Sample | Component          | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|--------------------|---------|---------|-----------|----------------|
| 2303520       | Endosulfan Sulfate | 86.2    | 83.3    | P/P       | 39 - 130       |
| 2303520       | Endrin             | 54.4    | 65.9    | P/P       | 30 - 116       |
| 2303520       | Endrin Aldehyde    | 55.0    | 55.7    | P/P       | 20 - 110       |
| 2303520       | Endrin Ketone      | 101     | 89.3    | P/P       | 48 - 134       |
| 2303520       | Esfenvalerate      | 95.7    | 87.1    | P/P       | 10 - 199       |
| 2303520       | Ethalfuralin       | 74.5    | 73.1    | P/P       | 48 - 95.0      |
| 2303520       | Fenpropathrin      | 85.8    | 80.6    | P/P       | 37 - 121       |
| 2303520       | Gamma-BHC          | 89.3    | 87.6    | P/P       | 61 - 126       |
| 2303520       | Gamma-Chlordane    | 77.8    | 76.7    | P/P       | 39 - 105       |
| 2303520       | Heptachlor         | 74.7    | 68.1    | P/P       | 38 - 96.0      |
| 2303520       | Heptachlor Epoxide | 81.9    | 76.5    | P/P       | 42 - 114       |
| 2303520       | Hexachlorobenzene  | 77.8    | 73.8    | P/P       | 39 - 93.0      |
| 2303520       | Kepone             | 63.8    | 67.4    | P/P       | 10 - 215       |
| 2303520       | Lambda-Cyhalothrin | 107     | 94.7    | P/P       | 10 - 204       |
| 2303520       | Methoprene         | 49.7    | 64.7    | P/P       | 17 - 108       |
| 2303520       | Methoxychlor       | 86.6    | 86.8    | P/P       | 56 - 115       |
| 2303520       | MGK-264            | 81.8    | 82.3    | P/P       | 35 - 120       |
| 2303520       | Mirex              | 63.1    | 61.5    | P/P       | 10 - 178       |
| 2303520       | Oxychlordane       | 80.6    | 77.0    | P/P       | 47 - 91.0      |
| 2303520       | Permethrin         | 90.0    | 87.7    | P/P       | 27 - 170       |
| 2303520       | Phenothrin         | 77.3    | 82.5    | P/P       | 10 - 133       |
| 2303520       | Piperonyl Butoxide | 48.0    | 100     | P/P       | 23 - 150       |
| 2303520       | Prallethrin        | 66.9    | 74.6    | P/P       | 21 - 113       |
| 2303520       | Tau-Fluvalinate    | 82.6    | 80.6    | P/P       | 16 - 158       |
| 2303520       | Tetramethrin       | 86.2    | 89.0    | P/P       | 22 - 132       |
| 2303520       | Trans-Nonachlor    | 79.2    | 78.0    | P/P       | 43 - 102       |
| 2303520       | Triclosan Methyl   | 81.5    | 84.3    | P/P       | 49 - 109       |
| 2303520       | Trifluralin        | 72.7    | 71.2    | P/P       | 48 - 93.0      |

Reference Method: EPA 8276

Batch ID: P409392

| Spiked Sample | Component | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|-----------|---------|---------|-----------|----------------|
| 2303522       | Chlordane | 94.4    | 79.4    | P/P       | 55 - 128       |
| 2303522       | Toxaphene | 95.2    | 82.5    | P/P       | 57 - 211       |

Reference Method: EPA 8321B

Batch ID: P409301

| Spiked Sample | Component        | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|------------------|---------|---------|-----------|----------------|
| 2302437       | 2,4-D            | 96.7    | 108     | P/P       | 40 - 150       |
| 2302437       | 2,4,5-T          | 77.3    | 77.0    | P/P       | 40 - 150       |
| 2302437       | Acetaminophen    | 93.1    | 103     | P/P       | 30 - 150       |
| 2302437       | Acetamiprid      | 95.7    | 94.3    | P/P       | 40 - 150       |
| 2302437       | Afidopyropen     | 37.0    | 46.4    | F/P       | 40 - 150       |
| 2302437       | Bentazon         | 62.6    | 66.8    | P/P       | 30 - 150       |
| 2302437       | Benzovindiflupyr | 76.4    | 95.6    | P/P       | 40 - 150       |
| 2302437       | Carbamazepine    | 88.4    | 89.6    | P/P       | 40 - 150       |
| 2302437       | Clothianidin     | 91.2    | 103     | P/P       | 40 - 150       |
| 2302437       | Dinotefuran      | 109     | 116     | P/P       | 40 - 150       |
| 2302437       | Diuron           | 72.3    | 90.8    | P/P       | 40 - 150       |
| 2302437       | Fenuron          | 83.6    | 91.1    | P/P       | 40 - 150       |

## Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8321B

Batch ID: P409301

| Spiked Sample | Component      | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|----------------|---------|---------|-----------|----------------|
| 2302437       | Fluridone      | 78.6    | 88.9    | P/P       | 40 - 150       |
| 2302437       | Hydrocodone    | 89.3    | 75.4    | P/P       | 40 - 150       |
| 2302437       | Ibuprofen      | 68.3    | 72.9    | P/P       | 40 - 150       |
| 2302437       | Imazapyr       | 80.1    | 89.8    | P/P       | 40 - 150       |
| 2302437       | Imidacloprid   | 140     | 148     | P/P       | 40 - 150       |
| 2302437       | Linuron        | 83.3    | 81.3    | P/P       | 40 - 150       |
| 2302437       | Mandestrobin   | 88.5    | 92.8    | P/P       | 40 - 150       |
| 2302437       | MCCPP          | 87.2    | 115     | P/P       | 40 - 150       |
| 2302437       | Naproxen       | 78.5    | 73.3    | P/P       | 40 - 150       |
| 2302437       | Primidone      | 108     | 109     | P/P       | 40 - 150       |
| 2302437       | Pyraclostrobin | 80.8    | 91.6    | P/P       | 40 - 150       |
| 2302437       | Silvex         | 67.1    | 76.3    | P/P       | 40 - 150       |
| 2302437       | Thiamethoxam   | 105     | 115     | P/P       | 40 - 150       |
| 2302437       | Tolfenpyrad    | 43.9    | 50.5    | P/P       | 30 - 150       |
| 2302437       | Triclopyr      | 77.0    | 70.7    | P/P       | 40 - 150       |

Reference Method: EPA 8321B

Batch ID: P409328

| Spiked Sample | Component    | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|--------------|---------|---------|-----------|----------------|
| 2302854       | Acesulfame K | 87.9    | 86.9    | P/P       | 40 - 150       |
| 2302854       | AMPA         | 97.4    | 101     | P/P       | 40 - 150       |
| 2302854       | Endothall    | 117     | 112     | P/P       | 40 - 150       |
| 2302854       | Glufosinate  | 84.4    | 88.2    | P/P       | 40 - 150       |
| 2302854       | Glyphosate   | 84.2    | 80.9    | P/P       | 40 - 150       |
| 2302854       | Sucralose    | 73.6    | 88.3    | P/P       | 40 - 150       |

Reference Method: EPA 8321B

Batch ID: P409339

| Spiked Sample | Component           | % Rec.1 | % Rec.2 | Pass/Fail | Control Limits |
|---------------|---------------------|---------|---------|-----------|----------------|
| 2302736       | 3-Hydroxycarbofuran | 114     | 87.9    | P/P       | 40 - 150       |
| 2302736       | Aldicarb            | 76.7    | 55.4    | P/P       | 30 - 150       |
| 2302736       | Aldicarb Sulfone    | 104     | 123     | P/P       | 40 - 150       |
| 2302736       | Aldicarb Sulfoxide  | 54.3    | 40.6    | P/P       | 40 - 150       |
| 2302736       | Carbaryl            | 79.9    | 69.3    | P/P       | 40 - 150       |
| 2302736       | Carbofuran          | 95.4    | 98.0    | P/P       | 40 - 150       |
| 2302736       | Methiocarb          | 80.3    | 76.3    | P/P       | 40 - 150       |
| 2302736       | Methomyl            | 91.8    | 98.1    | P/P       | 40 - 150       |
| 2302736       | Propoxur            | 85.3    | 85.4    | P/P       | 40 - 150       |

## Quality Assurance Report Precision

Reference Method: EPA 8270E  
Batch ID: P409250

| Replicated<br>Lab Sample | Component           | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|---------------------|-----------|-------------------|-----------|----------------|
| 2303075                  | Acetochlor          | 20.6      | Spike             | P         | 0 - 27         |
| 2303075                  | Alachlor            | 18.5      | Spike             | P         | 0 - 27         |
| 2303075                  | Ametryn             | 9.53      | Spike             | P         | 0 - 34         |
| 2303075                  | Atrazine            | 27.7      | Spike             | P         | 0 - 41         |
| 2303075                  | Atrazine Desethyl   | 30.8      | Spike             | P         | 0 - 38         |
| 2303075                  | Azinphos Methyl     | 16.4      | Spike             | P         | 0 - 62         |
| 2303075                  | Azoxystrobin        | 13.8      | Spike             | P         | 0 - 32         |
| 2303075                  | Bromacil            | 33.2      | Spike             | F         | 0 - 30         |
| 2303075                  | Butylate            | 19.8      | Spike             | P         | 0 - 59         |
| 2303075                  | Caffeine            | 13.3      | Spike             | P         | 0 - 60         |
| 2303075                  | Carbophenothion     | 0.0908    | Spike             | P         | 0 - 25         |
| 2303075                  | Carfentrazone Ethyl | 13.9      | Spike             | P         | 0 - 26         |
| 2303075                  | Chlorfenapyr        | 7.88      | Spike             | P         | 0 - 30         |
| 2303075                  | Chlorpyrifos Ethyl  | 12.3      | Spike             | P         | 0 - 27         |
| 2303075                  | Chlorpyrifos Methyl | 10.7      | Spike             | P         | 0 - 26         |
| 2303075                  | Coumaphos           | 11.9      | Spike             | P         | 0 - 30         |
| 2303075                  | Cyanazine           | 16.9      | Spike             | P         | 0 - 58         |
| 2303075                  | Cyprodinil          | 19.2      | Spike             | P         | 0 - 30         |
| 2303075                  | Demeton             | 17.5      | Spike             | P         | 0 - 25         |
| 2303075                  | Diazinon            | 19.5      | Spike             | P         | 0 - 29         |
| 2303075                  | Difenoconazole      | 6.68      | Spike             | P         | 0 - 25         |
| 2303075                  | Dimethenamid        | 20.9      | Spike             | P         | 0 - 30         |
| 2303075                  | Dimethomorph        | 18.4      | Spike             | P         | 0 - 30         |
| 2303075                  | Disulfoton          | 20.4      | Spike             | P         | 0 - 33         |
| 2303075                  | Dithiopyr           | 7.19      | Spike             | P         | 0 - 22         |
| 2303075                  | EPTC                | 17.7      | Spike             | P         | 0 - 38         |
| 2303075                  | Ethion              | 5.20      | Spike             | P         | 0 - 79         |
| 2303075                  | Ethoprop            | 19.9      | Spike             | P         | 0 - 23         |
| 2303075                  | Etridiazole         | 18.9      | Spike             | P         | 0 - 30         |
| 2303075                  | Fenamiphos          | 11.9      | Spike             | P         | 0 - 58         |
| 2303075                  | Fenbuconazole       | 16.9      | Spike             | P         | 0 - 37         |
| 2303075                  | Fipronil            | 21.8      | Spike             | P         | 0 - 33         |
| 2303075                  | Fipronil Desulfinyl | 23.7      | Spike             | P         | 0 - 26         |
| 2303075                  | Fipronil Sulfide    | 12.1      | Spike             | P         | 0 - 37         |
| 2303075                  | Fipronil Sulfone    | 8.88      | Spike             | P         | 0 - 50         |
| 2303075                  | Fluazifop-P-butyl   | 5.56      | Spike             | P         | 0 - 24         |
| 2303075                  | Fludioxonil         | 17.8      | Spike             | P         | 0 - 26         |
| 2303075                  | Flumioxazin         | 25.9      | Spike             | P         | 0 - 37         |
| 2303075                  | Flutolanil          | 19.1      | Spike             | P         | 0 - 26         |
| 2303075                  | Fluxapyroxad        | 32.8      | Spike             | P         | 0 - 34         |
| 2303075                  | Fonofos             | 19.2      | Spike             | P         | 0 - 27         |
| 2303075                  | Hexazinone          | 25.0      | Spike             | P         | 0 - 36         |
| 2303075                  | Imazalil            | 3.14      | Spike             | P         | 0 - 65         |
| 2303075                  | Iprodione           | 17.7      | Spike             | P         | 0 - 33         |
| 2303075                  | Loratadine          | 13.5      | Spike             | P         | 0 - 30         |
| 2303075                  | Malathion           | 12.5      | Spike             | P         | 0 - 44         |
| 2303075                  | Metalaxyl           | 16.6      | Spike             | P         | 0 - 38         |
| 2303075                  | Metolachlor         | 18.0      | Spike             | P         | 0 - 36         |
| 2303075                  | Metribuzin          | 5.56      | Spike             | P         | 0 - 63         |
| 2303075                  | Mevinphos           | 28.7      | Spike             | F         | 0 - 26         |
| 2303075                  | Molinate            | 20.0      | Spike             | P         | 0 - 40         |

## Quality Assurance Report Precision

Reference Method: EPA 8270E  
Batch ID: P409250

| Replicated<br>Lab Sample | Component        | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|------------------|-----------|-------------------|-----------|----------------|
| 2303075                  | Myclobutanil     | 14.7      | Spike             | P         | 0 - 21         |
| 2303075                  | Naled            | 16.6      | Spike             | P         | 0 - 26         |
| 2303075                  | Napropamide      | 17.9      | Spike             | P         | 0 - 30         |
| 2303075                  | Norflurazon      | 21.0      | Spike             | P         | 0 - 24         |
| 2303075                  | Oxadiazon        | 5.14      | Spike             | P         | 0 - 27         |
| 2303075                  | Oxyfluorfen      | 5.99      | Spike             | P         | 0 - 24         |
| 2303075                  | Parathion Ethyl  | 8.40      | Spike             | P         | 0 - 28         |
| 2303075                  | Parathion Methyl | 16.6      | Spike             | P         | 0 - 27         |
| 2303075                  | Pendimethalin    | 8.24      | Spike             | P         | 0 - 31         |
| 2303075                  | Phenytoin        | 27.9      | Spike             | P         | 0 - 30         |
| 2303075                  | Phorate          | 6.85      | Spike             | P         | 0 - 27         |
| 2303075                  | Prodiamine       | 7.15      | Spike             | P         | 0 - 52         |
| 2303075                  | Prometon         | 15.5      | Spike             | P         | 0 - 31         |
| 2303075                  | Prometryn        | 20.4      | Spike             | P         | 0 - 28         |
| 2303075                  | Pronamide        | 23.2      | Spike             | P         | 0 - 26         |
| 2303075                  | Propanil         | 30.8      | Spike             | F         | 0 - 30         |
| 2303075                  | Propargite       | 11.2      | Spike             | P         | 0 - 30         |
| 2303075                  | Propiconazole    | 14.9      | Spike             | P         | 0 - 31         |
| 2303075                  | Pyraflufen Ethyl | 12.5      | Spike             | P         | 0 - 30         |
| 2303075                  | Pyridaben        | 7.44      | Spike             | P         | 0 - 30         |
| 2303075                  | Pyriproxyfen     | 4.09      | Spike             | P         | 0 - 50         |
| 2303075                  | Simazine         | 21.4      | Spike             | P         | 0 - 29         |
| 2303075                  | Stiropfos        | 7.59      | Spike             | P         | 0 - 30         |
| 2303075                  | Sulfentrazone    | 36.8      | Spike             | F         | 0 - 33         |
| 2303075                  | Tebuconazole     | 20.3      | Spike             | P         | 0 - 44         |
| 2303075                  | Terbufos         | 12.6      | Spike             | P         | 0 - 29         |
| 2303075                  | Terbuthylazine   | 19.4      | Spike             | P         | 0 - 27         |
| 2303075                  | Thiobencarb      | 20.1      | Spike             | P         | 0 - 30         |
| 2303075                  | Triadimefon      | 29.8      | Spike             | P         | 0 - 30         |

Reference Method: EPA 8270E  
Batch ID: P409392

| Replicated<br>Lab Sample | Component       | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|-----------------|-----------|-------------------|-----------|----------------|
| 2303520                  | Aldrin          | 4.62      | Spike             | P         | 0 - 37         |
| 2303520                  | Alpha-BHC       | 4.79      | Spike             | P         | 0 - 16         |
| 2303520                  | Alpha-Chlordane | 7.04      | Spike             | P         | 0 - 28         |
| 2303520                  | Beta-BHC        | 8.82      | Spike             | P         | 0 - 32         |
| 2303520                  | Beta-Cyfluthrin | 5.72      | Spike             | P         | 0 - 41         |
| 2303520                  | Bifenthrin      | 7.28      | Spike             | P         | 0 - 36         |
| 2303520                  | Chlorothalonil  | 11.3      | Spike             | P         | 0 - 54         |
| 2303520                  | Cis-Nonachlor   | 6.71      | Spike             | P         | 0 - 33         |
| 2303520                  | Cypermethrin    | 8.60      | Spike             | P         | 0 - 38         |
| 2303520                  | Dacthal         | 0.0623    | Spike             | P         | 0 - 23         |
| 2303520                  | DDD-p,p'        | 2.70      | Spike             | P         | 0 - 35         |
| 2303520                  | DDE-p,p'        | 0.858     | Spike             | P         | 0 - 27         |
| 2303520                  | DDT-p,p'        | 1.05      | Spike             | P         | 0 - 31         |
| 2303520                  | Delta-BHC       | 3.59      | Spike             | P         | 0 - 30         |
| 2303520                  | Deltamethrin    | 6.26      | Spike             | P         | 0 - 76         |
| 2303520                  | Dichlobenil     | 2.37      | Spike             | P         | 0 - 33         |

## Quality Assurance Report Precision

Reference Method: EPA 8270E  
Batch ID: P409392

| Replicated<br>Lab Sample | Component          | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|--------------------|-----------|-------------------|-----------|----------------|
| 2303520                  | Dicofol            | 1.95      | Spike             | P         | 0 - 24         |
| 2303520                  | Dieldrin           | 0.692     | Spike             | P         | 0 - 35         |
| 2303520                  | Endosulfan I       | 2.42      | Spike             | P         | 0 - 25         |
| 2303520                  | Endosulfan II      | 1.92      | Spike             | P         | 0 - 31         |
| 2303520                  | Endosulfan Sulfate | 3.47      | Spike             | P         | 0 - 38         |
| 2303520                  | Endrin             | 19.1      | Spike             | P         | 0 - 53         |
| 2303520                  | Endrin Aldehyde    | 1.19      | Spike             | P         | 0 - 81         |
| 2303520                  | Endrin Ketone      | 12.1      | Spike             | P         | 0 - 33         |
| 2303520                  | Esfenvalerate      | 9.44      | Spike             | P         | 0 - 46         |
| 2303520                  | Ethalfuralin       | 1.93      | Spike             | P         | 0 - 22         |
| 2303520                  | Fenpropathrin      | 6.15      | Spike             | P         | 0 - 29         |
| 2303520                  | Gamma-BHC          | 1.94      | Spike             | P         | 0 - 17         |
| 2303520                  | Gamma-Chlordane    | 1.41      | Spike             | P         | 0 - 28         |
| 2303520                  | Heptachlor         | 9.26      | Spike             | P         | 0 - 28         |
| 2303520                  | Heptachlor Epoxide | 6.02      | Spike             | P         | 0 - 23         |
| 2303520                  | Hexachlorobenzene  | 5.26      | Spike             | P         | 0 - 22         |
| 2303520                  | Kepone             | 5.61      | Spike             | P         | 0 - 61         |
| 2303520                  | Lambda-Cyhalothrin | 11.8      | Spike             | P         | 0 - 52         |
| 2303520                  | Methoprene         | 26.3      | Spike             | P         | 0 - 38         |
| 2303520                  | Methoxychlor       | 0.222     | Spike             | P         | 0 - 29         |
| 2303520                  | MGK-264            | 0.586     | Spike             | P         | 0 - 41         |
| 2303520                  | Mirex              | 2.49      | Spike             | P         | 0 - 39         |
| 2303520                  | Oxychlordane       | 4.57      | Spike             | P         | 0 - 33         |
| 2303520                  | Permethrin         | 2.64      | Spike             | P         | 0 - 39         |
| 2303520                  | Phenothrin         | 6.57      | Spike             | P         | 0 - 52         |
| 2303520                  | Piperonyl Butoxide | 70.5      | Spike             | P         | 0 - 91         |
| 2303520                  | Prallethrin        | 11.0      | Spike             | P         | 0 - 34         |
| 2303520                  | Tau-Fluvalinate    | 2.44      | Spike             | P         | 0 - 41         |
| 2303520                  | Tetramethrin       | 3.19      | Spike             | P         | 0 - 43         |
| 2303520                  | Trans-Nonachlor    | 1.50      | Spike             | P         | 0 - 31         |
| 2303520                  | Triclosan Methyl   | 3.33      | Spike             | P         | 0 - 24         |
| 2303520                  | Trifluralin        | 2.09      | Spike             | P         | 0 - 23         |

Reference Method: EPA 8276  
Batch ID: P409392

| Replicated<br>Lab Sample | Component | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|-----------|-----------|-------------------|-----------|----------------|
| 2303522                  | Chlordane | 17.2      | Spike             | P         | 0 - 25         |
| 2303522                  | Toxaphene | 14.3      | Spike             | P         | 0 - 24         |

Reference Method: EPA 8321B  
Batch ID: P409301

| Replicated<br>Lab Sample | Component     | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|---------------|-----------|-------------------|-----------|----------------|
| 2302437                  | 2,4-D         | 7.92      | Spike             | P         | 0 - 30         |
| 2302437                  | 2,4,5-T       | 0.436     | Spike             | P         | 0 - 30         |
| 2302437                  | Acetaminophen | 10.1      | Spike             | P         | 0 - 30         |
| 2302437                  | Acetamiprid   | 1.43      | Spike             | P         | 0 - 30         |
| 2302437                  | Afidopyropen  | 22.6      | Spike             | P         | 0 - 30         |



## Quality Assurance Report Precision

Reference Method: EPA 8321B

Batch ID: P409301

| Replicated<br>Lab Sample | Component        | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|------------------|-----------|-------------------|-----------|----------------|
| 2302437                  | Bentazon         | 3.89      | Spike             | P         | 0 - 30         |
| 2302437                  | Benzovindiflupyr | 22.3      | Spike             | P         | 0 - 30         |
| 2302437                  | Carbamazepine    | 1.35      | Spike             | P         | 0 - 30         |
| 2302437                  | Clothianidin     | 11.8      | Spike             | P         | 0 - 30         |
| 2302437                  | Dinotefuran      | 5.57      | Spike             | P         | 0 - 30         |
| 2302437                  | Diuron           | 22.7      | Spike             | P         | 0 - 30         |
| 2302437                  | Fenuron          | 8.58      | Spike             | P         | 0 - 30         |
| 2302437                  | Fluridone        | 12.4      | Spike             | P         | 0 - 30         |
| 2302437                  | Hydrocodone      | 16.9      | Spike             | P         | 0 - 30         |
| 2302437                  | Ibuprofen        | 6.48      | Spike             | P         | 0 - 30         |
| 2302437                  | Imazapyr         | 8.12      | Spike             | P         | 0 - 30         |
| 2302437                  | Imidacloprid     | 5.35      | Spike             | P         | 0 - 30         |
| 2302437                  | Linuron          | 2.43      | Spike             | P         | 0 - 30         |
| 2302437                  | Mandestrobin     | 4.81      | Spike             | P         | 0 - 30         |
| 2302437                  | MCPP             | 27.2      | Spike             | P         | 0 - 30         |
| 2302437                  | Naproxen         | 6.88      | Spike             | P         | 0 - 30         |
| 2302437                  | Primidone        | 0.580     | Spike             | P         | 0 - 30         |
| 2302437                  | Pyraclostrobin   | 12.4      | Spike             | P         | 0 - 30         |
| 2302437                  | Silvex           | 12.8      | Spike             | P         | 0 - 30         |
| 2302437                  | Thiamethoxam     | 7.81      | Spike             | P         | 0 - 30         |
| 2302437                  | Tolfenpyrad      | 14.1      | Spike             | P         | 0 - 30         |
| 2302437                  | Triclopyr        | 8.55      | Spike             | P         | 0 - 30         |

Reference Method: EPA 8321B

Batch ID: P409328

| Replicated<br>Lab Sample | Component    | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|--------------|-----------|-------------------|-----------|----------------|
| 2302854                  | Acesulfame K | 1.05      | Spike             | P         | 0 - 30         |
| 2302854                  | AMPA         | 3.83      | Spike             | P         | 0 - 30         |
| 2302854                  | Endothall    | 4.94      | Spike             | P         | 0 - 30         |
| 2302854                  | Glufosinate  | 4.34      | Spike             | P         | 0 - 30         |
| 2302854                  | Glyphosate   | 3.99      | Spike             | P         | 0 - 30         |
| 2302854                  | Sucralose    | 15.9      | Spike             | P         | 0 - 30         |

Reference Method: EPA 8321B

Batch ID: P409339

| Replicated<br>Lab Sample | Component           | % RSD/RPD | Sample/Spike/LCS* | Pass/Fail | Control Limits |
|--------------------------|---------------------|-----------|-------------------|-----------|----------------|
| 2302736                  | 3-Hydroxycarbofuran | 25.5      | Spike             | P         | 0 - 30         |
| 2302736                  | Aldicarb            | 32.4      | Spike             | F         | 0 - 30         |
| 2302736                  | Aldicarb Sulfone    | 16.2      | Spike             | P         | 0 - 30         |
| 2302736                  | Aldicarb Sulfoxide  | 28.8      | Spike             | P         | 0 - 30         |
| 2302736                  | Carbaryl            | 14.2      | Spike             | P         | 0 - 30         |
| 2302736                  | Carbofuran          | 2.73      | Spike             | P         | 0 - 30         |
| 2302736                  | Methiocarb          | 5.11      | Spike             | P         | 0 - 30         |
| 2302736                  | Methomyl            | 6.68      | Spike             | P         | 0 - 30         |
| 2302736                  | Oxamyl              | 4.41      | Spike             | P         | 0 - 30         |
| 2302736                  | Propoxur            | 0.146     | Spike             | P         | 0 - 30         |

## **Quality Assurance Report Precision**

\* Sample, spike and/or laboratory control sample precision (LCS) is reported.

## Quality Assurance Report Surrogates

Lab Sample ID: 2303066  
Field Sample ID: 21030138

| Reference Method | Surrogate   | % Rec. | Pass/Fail | Control Limits |
|------------------|-------------|--------|-----------|----------------|
| EPA 8321B        | Carbaryl-d7 | 62.5   | P         | 30 - 160       |

Lab Sample ID: 2303067  
Field Sample ID: 21030016FLA

| Reference Method | Surrogate   | % Rec. | Pass/Fail | Control Limits |
|------------------|-------------|--------|-----------|----------------|
| EPA 8321B        | Carbaryl-d7 | 67.9   | P         | 30 - 160       |

Lab Sample ID: 2303068  
Field Sample ID: 21030090

| Reference Method | Surrogate   | % Rec. | Pass/Fail | Control Limits |
|------------------|-------------|--------|-----------|----------------|
| EPA 8321B        | Carbaryl-d7 | 68.4   | P         | 30 - 160       |

Lab Sample ID: 2303069  
Field Sample ID: 21030138

| Reference Method | Surrogate          | % Rec. | Pass/Fail | Control Limits |
|------------------|--------------------|--------|-----------|----------------|
| EPA 8321B        | 2,4-D-d3           | 105    | P         | 30 - 160       |
| EPA 8321B        | Acetaminophen-d4   | 116    | P         | 30 - 160       |
| EPA 8321B        | Carbamazepine-d10  | 107    | P         | 30 - 160       |
| EPA 8321B        | Diuron-d6          | 75.2   | P         | 30 - 160       |
| EPA 8321B        | Endothall-d6       | 138    | P         | 30 - 160       |
| EPA 8321B        | Glyphosate 13C 15N | 83.1   | P         | 30 - 160       |
| EPA 8321B        | Ibuprofen-d3       | 58.3   | P         | 30 - 160       |
| EPA 8321B        | Primidone-d5       | 103    | P         | 30 - 160       |
| EPA 8321B        | Sucralose-d6       | 103    | P         | 30 - 160       |

Lab Sample ID: 2303070  
Field Sample ID: 21030016FLA

| Reference Method | Surrogate          | % Rec. | Pass/Fail | Control Limits |
|------------------|--------------------|--------|-----------|----------------|
| EPA 8321B        | 2,4-D-d3           | 110    | P         | 30 - 160       |
| EPA 8321B        | Acetaminophen-d4   | 118    | P         | 30 - 160       |
| EPA 8321B        | Carbamazepine-d10  | 122    | P         | 30 - 160       |
| EPA 8321B        | Diuron-d6          | 96.7   | P         | 30 - 160       |
| EPA 8321B        | Endothall-d6       | 137    | P         | 30 - 160       |
| EPA 8321B        | Glyphosate 13C 15N | 81.5   | P         | 30 - 160       |
| EPA 8321B        | Ibuprofen-d3       | 103    | P         | 30 - 160       |
| EPA 8321B        | Primidone-d5       | 124    | P         | 30 - 160       |
| EPA 8321B        | Sucralose-d6       | 113    | P         | 30 - 160       |

Lab Sample ID: 2303071  
Field Sample ID: 21030090

| Reference Method | Surrogate          | % Rec. | Pass/Fail | Control Limits |
|------------------|--------------------|--------|-----------|----------------|
| EPA 8321B        | 2,4-D-d3           | 95.6   | P         | 30 - 160       |
| EPA 8321B        | Acetaminophen-d4   | 104    | P         | 30 - 160       |
| EPA 8321B        | Carbamazepine-d10  | 114    | P         | 30 - 160       |
| EPA 8321B        | Diuron-d6          | 79.2   | P         | 30 - 160       |
| EPA 8321B        | Endothall-d6       | 150    | P         | 30 - 160       |
| EPA 8321B        | Glyphosate 13C 15N | 86.8   | P         | 30 - 160       |

## Quality Assurance Report Surrogates

Lab Sample ID: 2303071  
Field Sample ID: 21030090

| Reference Method | Surrogate    | % Rec. | Pass/Fail | Control Limits |
|------------------|--------------|--------|-----------|----------------|
| EPA 8321B        | Ibuprofen-d3 | 64.3   | P         | 30 - 160       |
| EPA 8321B        | Primidone-d5 | 94.5   | P         | 30 - 160       |
| EPA 8321B        | Sucralose-d6 | 113    | P         | 30 - 160       |

Lab Sample ID: 2303072  
Field Sample ID: 21030138

| Reference Method | Surrogate            | % Rec. | Pass/Fail | Control Limits |
|------------------|----------------------|--------|-----------|----------------|
| EPA 8270E        | Decachlorobiphenyl   | 70.3   | P         | 31 - 118       |
| EPA 8270E        | Tetrachloro-m-xylene | 61.2   | P         | 28 - 96.0      |
| EPA 8276         | Decachlorobiphenyl   | 71.7   | P         | 30 - 97.0      |
| EPA 8276         | PCNB                 | 79.0   | P         | 45 - 119       |

Lab Sample ID: 2303073  
Field Sample ID: 21030016FLA

| Reference Method | Surrogate            | % Rec. | Pass/Fail | Control Limits |
|------------------|----------------------|--------|-----------|----------------|
| EPA 8270E        | Decachlorobiphenyl   | 84.5   | P         | 31 - 118       |
| EPA 8270E        | Tetrachloro-m-xylene | 67.1   | P         | 28 - 96.0      |
| EPA 8276         | Decachlorobiphenyl   | 82.8   | P         | 30 - 97.0      |
| EPA 8276         | PCNB                 | 85.3   | P         | 45 - 119       |

Lab Sample ID: 2303074  
Field Sample ID: 21030090

| Reference Method | Surrogate            | % Rec. | Pass/Fail | Control Limits |
|------------------|----------------------|--------|-----------|----------------|
| EPA 8270E        | Decachlorobiphenyl   | 80.7   | P         | 31 - 118       |
| EPA 8270E        | Tetrachloro-m-xylene | 68.9   | P         | 28 - 96.0      |
| EPA 8276         | Decachlorobiphenyl   | 68.0   | P         | 30 - 97.0      |
| EPA 8276         | PCNB                 | 80.3   | P         | 45 - 119       |

Lab Sample ID: 2303075  
Field Sample ID: 21030138

| Reference Method | Surrogate    | % Rec. | Pass/Fail | Control Limits |
|------------------|--------------|--------|-----------|----------------|
| EPA 8270E        | Caffeine-d9  | 39.9   | P         | 20 - 200       |
| EPA 8270E        | Simazine-d10 | 102    | P         | 71 - 140       |
| EPA 8270E        | Terbufos-d10 | 101    | P         | 62 - 131       |

Lab Sample ID: 2303076  
Field Sample ID: 21030016FLA

| Reference Method | Surrogate    | % Rec. | Pass/Fail | Control Limits |
|------------------|--------------|--------|-----------|----------------|
| EPA 8270E        | Caffeine-d9  | 47.7   | P         | 20 - 200       |
| EPA 8270E        | Simazine-d10 | 103    | P         | 71 - 140       |
| EPA 8270E        | Terbufos-d10 | 112    | P         | 62 - 131       |

Lab Sample ID: 2303077  
Field Sample ID: 21030090

| Reference Method | Surrogate   | % Rec. | Pass/Fail | Control Limits |
|------------------|-------------|--------|-----------|----------------|
| EPA 8270E        | Caffeine-d9 | 54.7   | P         | 20 - 200       |

## Quality Assurance Report Surrogates

Lab Sample ID: 2303077  
Field Sample ID: 21030090

| Reference Method | Surrogate    | % Rec. | Pass/Fail | Control Limits |
|------------------|--------------|--------|-----------|----------------|
| EPA 8270E        | Simazine-d10 | 109    | P         | 71 - 140       |
| EPA 8270E        | Terbufos-d10 | 101    | P         | 62 - 131       |

## Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A110230

Included Lab Sample IDs: 2303069, 2303070, 2303071

| Component    | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|--------------|---------|---------|------------|----------------|
| Acesulfame K | 81.0    | 89.9    | P/P        | 60 - 160       |
| Endothall    | 75.1    | 71.0    | P/P        | 60 - 160       |
| Sucralose    | 73.5    | 78.6    | P/P        | 60 - 160       |

Reference Method: EPA 8321B

Run ID: A110234

Included Lab Sample IDs: 2303069, 2303070, 2303071

| Component   | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|-------------|---------|---------|------------|----------------|
| AMPA        | 119     | 129     | P/P        | 60 - 160       |
| Glufosinate | 83.8    | 89.7    | P/P        | 60 - 160       |
| Glyphosate  | 79.4    | 89.4    | P/P        | 60 - 160       |

Reference Method: EPA 8321B

Run ID: A110243

Included Lab Sample IDs: 2303069, 2303070, 2303071

| Component        | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|------------------|---------|---------|------------|----------------|
| 2,4-D            | 106     | 110     | P/P        | 50 - 150       |
| 2,4,5-T          | 100     | 92.7    | P/P        | 50 - 150       |
| Acetaminophen    | 109     | 102     | P/P        | 60 - 160       |
| Acetamiprid      | 112     | 105     | P/P        | 50 - 150       |
| Afidopyropen     | 100     | 110     | P/P        | 50 - 150       |
| Bentazon         | 105     | 115     | P/P        | 50 - 160       |
| Benzovindiflupyr | 108     | 116     | P/P        | 50 - 150       |
| Carbamazepine    | 97.0    | 96.8    | P/P        | 60 - 150       |
| Clothianidin     | 117     | 105     | P/P        | 60 - 150       |
| Dinotefuran      | 104     | 99.5    | P/P        | 50 - 150       |
| Diuron           | 105     | 118     | P/P        | 60 - 160       |
| Fenuron          | 104     | 101     | P/P        | 60 - 150       |
| Fluridone        | 103     | 103     | P/P        | 60 - 160       |
| Hydrocodone      | 102     | 104     | P/P        | 60 - 150       |
| Ibuprofen        | 61.8    | 100     | P/P        | 50 - 160       |
| Imazapyr         | 83.1    | 92.6    | P/P        | 50 - 150       |
| Imidacloprid     | 94.2    | 97.4    | P/P        | 60 - 150       |
| Linuron          | 91.9    | 126     | P/P        | 60 - 150       |
| Mandestrobin     | 106     | 119     | P/P        | 50 - 150       |
| MCPP             | 82.0    | 89.8    | P/P        | 50 - 150       |
| Naproxen         | 89.6    | 103     | P/P        | 50 - 160       |
| Primidone        | 115     | 86.3    | P/P        | 60 - 150       |
| Pyraclostrobin   | 92.9    | 98.2    | P/P        | 60 - 150       |
| Silvex           | 103     | 106     | P/P        | 50 - 150       |
| Thiamethoxam     | 106     | 104     | P/P        | 50 - 150       |
| Tolfenpyrad      | 101     | 133     | P/P        | 60 - 150       |
| Triclopyr        | 89.3    | 87.1    | P/P        | 50 - 150       |

Reference Method: EPA 8321B

Run ID: A110271

Included Lab Sample IDs: 2303066, 2303067, 2303068

| Component | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|-----------|---------|---------|------------|----------------|
|-----------|---------|---------|------------|----------------|

## Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A110271

Included Lab Sample IDs: 2303066, 2303067, 2303068

| Component           | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|---------------------|---------|---------|------------|----------------|
| 3-Hydroxycarbofuran | 103     | 112     | P/P        | 60 - 150       |
| Aldicarb            | 122     | 128     | P/P        | 60 - 150       |
| Aldicarb Sulfone    | 110     | 108     | P/P        | 50 - 150       |
| Aldicarb Sulfoxide  | 89.1    | 95.8    | P/P        | 50 - 150       |
| Carbaryl            | 108     | 92.9    | P/P        | 60 - 150       |
| Carbofuran          | 106     | 101     | P/P        | 50 - 150       |
| Methiocarb          | 107     | 85.2    | P/P        | 50 - 150       |
| Methomyl            | 95.9    | 107     | P/P        | 50 - 150       |
| Oxamyl              | 94.8    | 100     | P/P        | 50 - 150       |
| Propoxur            | 115     | 102     | P/P        | 50 - 150       |

Reference Method: EPA 8270E

Run ID: A110280

Included Lab Sample IDs: 2303075, 2303076, 2303077

| Component           | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|---------------------|---------|---------|------------|----------------|
| Acetochlor          | 104     |         | P          | 80 - 120       |
| Alachlor            | 97.7    |         | P          | 80 - 120       |
| Ametryn             | 103     |         | P          | 80 - 120       |
| Atrazine            | 100     |         | P          | 80 - 120       |
| Atrazine Desethyl   | 97.8    |         | P          | 80 - 120       |
| Azinphos Methyl     | 104     |         | P          | 80 - 120       |
| Azoxystrobin        | 103     |         | P          | 80 - 120       |
| Bromacil            | 109     |         | P          | 80 - 120       |
| Butylate            | 99.6    |         | P          | 80 - 120       |
| Caffeine            | 99.4    |         | P          | 80 - 120       |
| Carbophenothion     | 84.6    |         | P          | 80 - 120       |
| Carfentrazone Ethyl | 88.7    |         | P          | 80 - 120       |
| Chlorfenapyr        | 103     |         | P          | 80 - 120       |
| Chlorpyrifos Ethyl  | 108     |         | P          | 80 - 120       |
| Chlorpyrifos Methyl | 99.1    |         | P          | 80 - 120       |
| Coumaphos           | 102     |         | P          | 80 - 120       |
| Cyanazine           | 93.4    |         | P          | 80 - 120       |
| Cyprodinil          | 95.2    |         | P          | 80 - 120       |
| Demeton             | 107     |         | P          | 80 - 120       |
| Diazinon            | 109     |         | P          | 80 - 120       |
| Difenoconazole      | 104     |         | P          | 80 - 120       |
| Dimethenamid        | 106     |         | P          | 80 - 120       |
| Dimethomorph        | 101     |         | P          | 80 - 120       |
| Disulfoton          | 100     |         | P          | 80 - 120       |
| Dithiopyr           | 103     |         | P          | 80 - 120       |
| EPTC                | 99.2    |         | P          | 80 - 120       |
| Ethion              | 105     |         | P          | 80 - 120       |
| Ethoprop            | 96.7    |         | P          | 80 - 120       |
| Etridiazole         | 99.8    |         | P          | 80 - 120       |
| Fenamiphos          | 106     |         | P          | 80 - 120       |
| Fenbuconazole       | 94.0    |         | P          | 80 - 120       |
| Fipronil            | 101     |         | P          | 80 - 120       |
| Fipronil Desulfinyl | 92.9    |         | P          | 80 - 120       |
| Fipronil Sulfide    | 104     |         | P          | 80 - 120       |
| Fipronil Sulfone    | 97.4    |         | P          | 80 - 120       |

## Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E

Run ID: A110280

Included Lab Sample IDs: 2303075, 2303076, 2303077

| Component         | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|-------------------|---------|---------|------------|----------------|
| Fluazifop-P-butyl | 92.2    |         | P          | 80 - 120       |
| Fludioxonil       | 101     |         | P          | 80 - 120       |
| Flumioxazin       | 91.2    |         | P          | 80 - 120       |
| Flutolanil        | 95.6    |         | P          | 80 - 120       |
| Fluxapyroxad      | 102     |         | P          | 80 - 120       |
| Fonofos           | 99.1    |         | P          | 80 - 120       |
| Hexazinone        | 99.7    |         | P          | 80 - 120       |
| Imazalil          | 101     |         | P          | 80 - 120       |
| Iprodione         | 101     |         | P          | 80 - 120       |
| Loratadine        | 109     |         | P          | 80 - 120       |
| Malathion         | 102     |         | P          | 80 - 120       |
| Metalaxyl         | 101     |         | P          | 80 - 120       |
| Metolachlor       | 101     |         | P          | 80 - 120       |
| Metribuzin        | 96.3    |         | P          | 80 - 120       |
| Mevinphos         | 107     |         | P          | 80 - 120       |
| Molinate          | 102     |         | P          | 80 - 120       |
| Myclobutanil      | 104     |         | P          | 80 - 120       |
| Naled             | 103     |         | P          | 80 - 120       |
| Napropamide       | 97.6    |         | P          | 80 - 120       |
| Norflurazon       | 93.8    |         | P          | 80 - 120       |
| Oxadiazon         | 99.0    |         | P          | 80 - 120       |
| Oxyfluorfen       | 99.1    |         | P          | 80 - 120       |
| Parathion Ethyl   | 101     |         | P          | 80 - 120       |
| Parathion Methyl  | 103     |         | P          | 80 - 120       |
| Pendimethalin     | 105     |         | P          | 80 - 120       |
| Phenytoin         | 98.5    |         | P          | 80 - 120       |
| Phorate           | 96.8    |         | P          | 80 - 120       |
| Prodiamine        | 101     |         | P          | 80 - 120       |
| Prometon          | 104     |         | P          | 80 - 120       |
| Prometryn         | 97.2    |         | P          | 80 - 120       |
| Pronamide         | 97.5    |         | P          | 80 - 120       |
| Propanil          | 106     |         | P          | 80 - 120       |
| Propargite        | 96.5    |         | P          | 80 - 120       |
| Propiconazole     | 99.0    |         | P          | 80 - 120       |
| Pyraflufen Ethyl  | 92.8    |         | P          | 80 - 120       |
| Pyridaben         | 94.5    |         | P          | 80 - 120       |
| Pyriproxyfen      | 105     |         | P          | 80 - 120       |
| Simazine          | 98.5    |         | P          | 80 - 120       |
| Stirophos         | 90.7    |         | P          | 80 - 120       |
| Sulfentrazone     | 94.8    |         | P          | 80 - 120       |
| Tebuconazole      | 101     |         | P          | 80 - 120       |
| Terbufos          | 97.6    |         | P          | 80 - 120       |
| Terbuthylazine    | 99.3    |         | P          | 80 - 120       |
| Thiobencarb       | 103     |         | P          | 80 - 120       |
| Triadimefon       | 104     |         | P          | 80 - 120       |

Reference Method: EPA 8270E

Run ID: A110326

Included Lab Sample IDs: 2303075

| Component | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|-----------|---------|---------|------------|----------------|
|-----------|---------|---------|------------|----------------|



## Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E  
Run ID: A110326  
Included Lab Sample IDs: 2303075

| Component     | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|---------------|---------|---------|------------|----------------|
| Atrazine      | 115     |         | P          | 80 - 120       |
| Sulfentrazone | 112     |         | P          | 80 - 120       |

Reference Method: EPA 8270E  
Run ID: A110329  
Included Lab Sample IDs: 2303072, 2303073, 2303074

| Component          | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|--------------------|---------|---------|------------|----------------|
| Aldrin             | 100     |         | P          | 80 - 120       |
| Alpha-BHC          | 100     |         | P          | 80 - 120       |
| Alpha-Chlordane    | 102     |         | P          | 80 - 120       |
| Beta-BHC           | 106     |         | P          | 80 - 120       |
| Beta-Cyfluthrin    | 104     |         | P          | 80 - 120       |
| Bifenthrin         | 102     |         | P          | 80 - 120       |
| Chlorothalonil     | 102     |         | P          | 80 - 120       |
| Cis-Nonachlor      | 105     |         | P          | 80 - 120       |
| Cypermethrin       | 93.7    |         | P          | 80 - 120       |
| Dacthal            | 101     |         | P          | 80 - 120       |
| DDD-p,p'           | 101     |         | P          | 80 - 120       |
| DDE-p,p'           | 102     |         | P          | 80 - 120       |
| DDT-p,p'           | 102     |         | P          | 80 - 120       |
| Delta-BHC          | 104     |         | P          | 80 - 120       |
| Deltamethrin       | 101     |         | P          | 80 - 120       |
| Dichlobenil        | 88.4    |         | P          | 80 - 120       |
| Dicofol            | 104     |         | P          | 80 - 120       |
| Dieldrin           | 102     |         | P          | 80 - 120       |
| Endosulfan I       | 99.9    |         | P          | 80 - 120       |
| Endosulfan II      | 102     |         | P          | 80 - 120       |
| Endosulfan Sulfate | 105     |         | P          | 80 - 120       |
| Endrin             | 101     |         | P          | 80 - 120       |
| Endrin Aldehyde    | 110     |         | P          | 80 - 120       |
| Endrin Ketone      | 103     |         | P          | 80 - 120       |
| Esfenvalerate      | 98.9    |         | P          | 80 - 120       |
| Ethalfuralin       | 96.4    |         | P          | 80 - 120       |
| Fenpropathrin      | 101     |         | P          | 80 - 120       |
| Gamma-BHC          | 100     |         | P          | 80 - 120       |
| Gamma-Chlordane    | 100     |         | P          | 80 - 120       |
| Heptachlor         | 101     |         | P          | 80 - 120       |
| Heptachlor Epoxide | 103     |         | P          | 80 - 120       |
| Hexachlorobenzene  | 99.6    |         | P          | 80 - 120       |
| Kepone             | 62.6*   |         | F          | 80 - 120       |
| Lambda-Cyhalothrin | 102     |         | P          | 80 - 120       |
| Methoprene         | 96.9    |         | P          | 80 - 120       |
| Methoxychlor       | 100     |         | P          | 80 - 120       |
| MGK-264            | 100     |         | P          | 80 - 120       |
| Mirex              | 101     |         | P          | 80 - 120       |
| Oxychlordane       | 103     |         | P          | 80 - 120       |
| Permethrin         | 99.6    |         | P          | 80 - 120       |
| Phenothrin         | 99.6    |         | P          | 80 - 120       |
| Piperonyl Butoxide | 92.5    |         | P          | 80 - 120       |
| Prallethrin        | 94.8    |         | P          | 80 - 120       |

## Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E

Run ID: A110329

Included Lab Sample IDs: 2303072, 2303073, 2303074

| Component        | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|------------------|---------|---------|------------|----------------|
| Tau-Fluvalinate  | 98.4    |         | P          | 80 - 120       |
| Tetramethrin     | 101     |         | P          | 80 - 120       |
| Trans-Nonachlor  | 98.9    |         | P          | 80 - 120       |
| Triclosan Methyl | 101     |         | P          | 80 - 120       |
| Trifluralin      | 94.1    |         | P          | 80 - 120       |

Reference Method: EPA 8276

Run ID: A110347

Included Lab Sample IDs: 2303072, 2303073, 2303074

| Component | % Rec.1 | % Rec.2 | Pass/Fail* | Control Limits |
|-----------|---------|---------|------------|----------------|
| Chlordane | 99.9    |         | P          | 80 - 120       |
| Toxaphene | 99.0    |         | P          | 80 - 120       |

\* Pass/Fail determinations are made for each bracketing calibration verification check.

Control limits for initial calibration checks may be different from those for continuing checks, depending on method requirements.

Where they are different, both control limits are provided.

## Quality Assurance Report Summary

| Ref. Method | Analyte             | LCS % Recovery | MS % Recovery |      | Precision<br>SMP | MS     |
|-------------|---------------------|----------------|---------------|------|------------------|--------|
|             |                     |                | LCS           |      |                  |        |
| EPA 8270E   | Acetochlor          | 96.2           | 78.7          | 96.7 |                  | 20.6   |
|             | Alachlor            | 88.6           | 73.5          | 88.4 |                  | 18.5   |
|             | Aldrin              | 62.2           | 64.5          | 61.6 |                  | 4.62   |
|             | Alpha-BHC           | 89.1           | 89.8          | 85.6 |                  | 4.79   |
|             | Alpha-Chlordane     | 78.1           | 75.3          | 80.8 |                  | 7.04   |
|             | Ametryn             | 96.4           | 82.4          | 90.6 |                  | 9.53   |
|             | Atrazine            | 94.2           | 55.9          | 102  |                  | 27.7   |
|             | Atrazine Desethyl   | 50.0           | 32.5          | 44.3 |                  | 30.8   |
|             | Azinphos Methyl     | 82.2           | 74.0          | 87.2 |                  | 16.4   |
|             | Azoxystrobin        | 91.4           | 77.2          | 92.6 |                  | 13.8   |
|             | Beta-BHC            | 97.8           | 91.6          | 100  |                  | 8.82   |
|             | Beta-Cyfluthrin     | 107            | 115           | 109  |                  | 5.72   |
|             | Bifenthrin          | 63.8           | 74.9          | 69.7 |                  | 7.28   |
|             | Bromacil            | 68.6           | 46.3          | 64.8 |                  | 33.2   |
|             | Butylate            | 66.3           | 49.0          | 59.8 |                  | 19.8   |
|             | Caffeine            | 131            | 97.3          | 115  |                  | 13.3   |
|             | Carbophenothion     | 90.5           | 88.1          | 88.2 |                  | 0.0908 |
|             | Carfentrazone Ethyl | 88.5           | 72.6          | 83.5 |                  | 13.9   |
|             | Chlorfenapyr        | 91.5           | 88.6          | 81.9 |                  | 7.88   |
|             | Chlorothalonil      | 134            | 138           | 124  |                  | 11.3   |
|             | Chlorpyrifos Ethyl  | 111            | 96.9          | 110  |                  | 12.3   |
|             | Chlorpyrifos Methyl | 97.5           | 86.5          | 96.3 |                  | 10.7   |
|             | Cis-Nonachlor       | 70.6           | 79.0          | 73.9 |                  | 6.71   |
|             | Coumaphos           | 137            | 135           | 152  |                  | 11.9   |
|             | Cyanazine           | 86.3           | 73.3          | 86.8 |                  | 16.9   |
|             | Cypermethrin        | 86.7           | 95.8          | 87.9 |                  | 8.60   |
|             | Cyprodinil          | 85.9           | 74.4          | 90.2 |                  | 19.2   |
|             | Dacthal             | 90.4           | 90.3          | 90.3 |                  | 0.0623 |
|             | DDD-p,p'            | 72.3           | 74.5          | 72.5 |                  | 2.70   |
|             | DDE-p,p'            | 81.8           | 80.9          | 80.2 |                  | 0.858  |
|             | DDT-p,p'            | 91.5           | 95.7          | 94.7 |                  | 1.05   |
|             | Delta-BHC           | 107            | 102           | 105  |                  | 3.59   |
|             | Deltamethrin        | 106            | 113           | 106  |                  | 6.26   |
|             | Demeton             | 85.5           | 75.8          | 90.3 |                  | 17.5   |
|             | Diazinon            | 108            | 85.4          | 104  |                  | 19.5   |
|             | Dichlobenil         | 91.3           | 88.5          | 86.4 |                  | 2.37   |
|             | Dicofol             | 74.7           | 77.6          | 76.1 |                  | 1.95   |
|             | Dieldrin            | 75.4           | 84.4          | 83.8 |                  | 0.692  |
|             | Difenoconazole      | 89.8           | 85.0          | 90.9 |                  | 6.68   |
|             | Dimethenamid        | 82.6           | 70.3          | 86.7 |                  | 20.9   |
|             | Dimethomorph        | 86.6           | 75.8          | 91.2 |                  | 18.4   |
|             | Disulfoton          | 87.3           | 78.6          | 96.5 |                  | 20.4   |
|             | Dithiopyr           | 101            | 86.6          | 93.1 |                  | 7.19   |
|             | Endosulfan I        | 84.0           | 85.4          | 83.4 |                  | 2.42   |
|             | Endosulfan II       | 80.6           | 78.8          | 77.3 |                  | 1.92   |
|             | Endosulfan Sulfate  | 88.3           | 86.2          | 83.3 |                  | 3.47   |
|             | Endrin              | 9.30           | 54.4          | 65.9 |                  | 19.1   |
|             | Endrin Aldehyde     | 57.0           | 55.0          | 55.7 |                  | 1.19   |
|             | Endrin Ketone       | 148            | 101           | 89.3 |                  | 12.1   |
|             | EPTC                | 62.6           | 46.3          | 55.3 |                  | 17.7   |
|             | Esfenvalerate       | 90.6           | 95.7          | 87.1 |                  | 9.44   |
|             | Ethalfuralin        | 70.1           | 74.5          | 73.1 |                  | 1.93   |
|             | Ethion              | 97.5           | 92.8          | 88.1 |                  | 5.20   |
|             | Ethoprop            | 87.2           | 78.5          | 95.9 |                  | 19.9   |

## Quality Assurance Report Summary

| Ref. Method | Analyte             | LCS % Recovery | MS % Recovery |      | Precision<br>SMP | MS    |
|-------------|---------------------|----------------|---------------|------|------------------|-------|
|             |                     |                | LCS           |      |                  |       |
| EPA 8270E   | Etridiazole         | 65.7           | 52.1          | 63.0 |                  | 18.9  |
|             | Fenamiphos          | 107            | 101           | 114  |                  | 11.9  |
|             | Fenbuconazole       | 113            | 96.7          | 115  |                  | 16.9  |
|             | Fenpropathrin       | 69.3           | 85.8          | 80.6 |                  | 6.15  |
|             | Fipronil            | 96.3           | 74.1          | 95.3 |                  | 21.8  |
|             | Fipronil Desulfinyl | 90.6           | 65.2          | 88.7 |                  | 23.7  |
|             | Fipronil Sulfide    | 90.2           | 70.2          | 88.2 |                  | 12.1  |
|             | Fipronil Sulfone    | 86.9           | 70.4          | 83.7 |                  | 8.88  |
|             | Fluazifop-P-butyl   | 87.6           | 79.2          | 83.7 |                  | 5.56  |
|             | Fludioxonil         | 92.9           | 72.6          | 86.8 |                  | 17.8  |
|             | Flumioxazin         | 121            | 127           | 164  |                  | 25.9  |
|             | Flutolanil          | 84.7           | 64.4          | 85.5 |                  | 19.1  |
|             | Fluxapyroxad        | 109            | 88.9          | 127  |                  | 32.8  |
|             | Fonofos             | 85.4           | 72.3          | 87.7 |                  | 19.2  |
|             | Gamma-BHC           | 89.3           | 89.3          | 87.6 |                  | 1.94  |
|             | Gamma-Chlordane     | 76.1           | 77.8          | 76.7 |                  | 1.41  |
|             | Heptachlor          | 73.3           | 74.7          | 68.1 |                  | 9.26  |
|             | Heptachlor Epoxide  | 78.4           | 81.9          | 76.5 |                  | 6.02  |
|             | Hexachlorobenzene   | 78.4           | 77.8          | 73.8 |                  | 5.26  |
|             | Hexazinone          | 88.3           | 68.6          | 90.8 |                  | 25.0  |
|             | Imazalil            | 79.3           | 76.7          | 74.3 |                  | 3.14  |
|             | Iprodione           | 62.7           | 58.8          | 70.2 |                  | 17.7  |
|             | Kepone              | 62.9           | 63.8          | 67.4 |                  | 5.61  |
|             | Lambda-Cyhalothrin  | 96.7           | 107           | 94.7 |                  | 11.8  |
|             | Loratadine          | 76.1           | 71.5          | 81.9 |                  | 13.5  |
|             | Malathion           | 122            | 116           | 103  |                  | 12.5  |
|             | Metalaxyl           | 84.3           | 82.5          | 69.9 |                  | 16.6  |
|             | Methoprene          | 25.6           | 49.7          | 64.7 |                  | 26.3  |
|             | Methoxychlor        | 87.6           | 86.6          | 86.8 |                  | 0.222 |
|             | Metolachlor         | 93.5           | 87.8          | 72.0 |                  | 18.0  |
|             | Metribuzin          | 85.8           | 74.5          | 70.5 |                  | 5.56  |
|             | Mevinphos           | 80.1           | 82.7          | 62.0 |                  | 28.7  |
|             | MGK-264             | 86.0           | 81.8          | 82.3 |                  | 0.586 |
|             | Mirex               | 58.1           | 63.1          | 61.5 |                  | 2.49  |
|             | Molinate            | 75.2           | 77.5          | 63.4 |                  | 20.0  |
|             | Myclobutanil        | 91.0           | 89.0          | 76.8 |                  | 14.7  |
|             | Naled               | 90.1           | 88.7          | 75.1 |                  | 16.6  |
|             | Napropamide         | 82.8           | 80.3          | 67.1 |                  | 17.9  |
|             | Norflurazon         | 93.2           | 91.9          | 74.4 |                  | 21.0  |
|             | Oxadiazon           | 80.4           | 74.7          | 71.0 |                  | 5.14  |
|             | Oxychlordane        | 76.9           | 80.6          | 77.0 |                  | 4.57  |
|             | Oxyfluorfen         | 107            | 108           | 102  |                  | 5.99  |
|             | Parathion Ethyl     | 88.8           | 80.5          | 74.0 |                  | 8.40  |
|             | Parathion Methyl    | 108            | 108           | 91.7 |                  | 16.6  |
|             | Pendimethalin       | 80.5           | 78.3          | 72.1 |                  | 8.24  |
|             | Permethrin          | 83.8           | 90.0          | 87.7 |                  | 2.64  |
|             | Phenothrin          | 64.9           | 77.3          | 82.5 |                  | 6.57  |
|             | Phenytoin           | 53.8           | 66.3          | 50.1 |                  | 27.9  |
|             | Phorate             | 97.5           | 88.9          | 95.2 |                  | 6.85  |
|             | Piperonyl Butoxide  | 0.166          | 48.0          | 100  |                  | 70.5  |
|             | Prallethrin         | 62.1           | 66.9          | 74.6 |                  | 11.0  |
|             | Prodiamine          | 124            | 117           | 109  |                  | 7.15  |
|             | Prometon            | 101            | 111           | 95.4 |                  | 15.5  |
|             | Prometryn           | 82.9           | 88.8          | 72.4 |                  | 20.4  |

## Quality Assurance Report Summary

| Ref. Method | Analyte             | LCS % Recovery | MS % Recovery |      | Precision<br>LCS | SMP | MS    |
|-------------|---------------------|----------------|---------------|------|------------------|-----|-------|
|             |                     |                |               |      |                  |     |       |
| EPA 8270E   | Pronamide           | 92.3           | 54.6          | 92.9 |                  |     | 23.2  |
|             | Propanil            | 100            | 104           | 76.2 |                  |     | 30.8  |
|             | Propargite          | 127            | 127           | 114  |                  |     | 11.2  |
|             | Propiconazole       | 101            | 104           | 89.9 |                  |     | 14.9  |
|             | Pyraflufen Ethyl    | 113            | 109           | 96.6 |                  |     | 12.5  |
|             | Pyridaben           | 117            | 117           | 108  |                  |     | 7.44  |
|             | Pyriproxyfen        | 70.1           | 67.2          | 64.5 |                  |     | 4.09  |
|             | Simazine            | 84.0           | 87.4          | 70.6 |                  |     | 21.4  |
|             | Stirophos           | 88.0           | 84.4          | 78.2 |                  |     | 7.59  |
|             | Sulfentrazone       | 59.6           |               |      |                  |     | 36.8  |
|             | Tau-Fluvalinate     | 69.6           | 82.6          | 80.6 |                  |     | 2.44  |
|             | Tebuconazole        | 115            | 111           | 86.4 |                  |     | 20.3  |
|             | Terbufos            | 105            | 117           | 103  |                  |     | 12.6  |
|             | Terbuthylazine      | 86.6           | 89.8          | 73.9 |                  |     | 19.4  |
|             | Tetramethrin        | 61.6           | 86.2          | 89.0 |                  |     | 3.19  |
|             | Thiobencarb         | 99.1           | 96.1          | 78.5 |                  |     | 20.1  |
|             | Trans-Nonachlor     | 76.9           | 79.2          | 78.0 |                  |     | 1.50  |
|             | Triadimefon         | 82.3           | 85.9          | 63.6 |                  |     | 29.8  |
|             | Triclosan Methyl    | 83.8           | 81.5          | 84.3 |                  |     | 3.33  |
|             | Trifluralin         | 74.5           | 72.7          | 71.2 |                  |     | 2.09  |
| EPA 8276    | Chlordane           | 88.1           | 94.4          | 79.4 |                  |     | 17.2  |
|             | Toxaphene           | 91.3           | 95.2          | 82.5 |                  |     | 14.3  |
| EPA 8321B   | 2,4-D               | 91.8           | 96.7          | 108  |                  |     | 7.92  |
|             | 2,4,5-T             | 73.8           | 77.3          | 77.0 |                  |     | 0.436 |
|             | 3-Hydroxycarbofuran | 65.1           | 114           | 87.9 |                  |     | 25.5  |
|             | Acesulfame K        | 80.3           | 87.9          | 86.9 |                  |     | 1.05  |
|             | Acetaminophen       | 87.0           | 93.1          | 103  |                  |     | 10.1  |
|             | Acetamiprid         | 94.5           | 95.7          | 94.3 |                  |     | 1.43  |
|             | Afidopyropen        | 75.7           | 37.0          | 46.4 |                  |     | 22.6  |
|             | Aldicarb            | 53.2           | 76.7          | 55.4 |                  |     | 32.4  |
|             | Aldicarb Sulfone    | 111            | 104           | 123  |                  |     | 16.2  |
|             | Aldicarb Sulfoxide  | 82.4           | 54.3          | 40.6 |                  |     | 28.8  |
|             | AMPA                | 86.2           | 97.4          | 101  |                  |     | 3.83  |
|             | Bentazon            | 101            | 62.6          | 66.8 |                  |     | 3.89  |
|             | Benzovindiflupyr    | 85.1           | 76.4          | 95.6 |                  |     | 22.3  |
|             | Carbamazepine       | 84.1           | 88.4          | 89.6 |                  |     | 1.35  |
|             | Carbaryl            | 73.5           | 79.9          | 69.3 |                  |     | 14.2  |
|             | Carbofuran          | 85.9           | 95.4          | 98.0 |                  |     | 2.73  |
|             | Clothianidin        | 86.7           | 91.2          | 103  |                  |     | 11.8  |
|             | Dinotefuran         | 90.6           | 109           | 116  |                  |     | 5.57  |
|             | Diuron              | 102            | 72.3          | 90.8 |                  |     | 22.7  |
|             | Endothall           | 78.3           | 117           | 112  |                  |     | 4.94  |
|             | Fenuron             | 94.9           | 83.6          | 91.1 |                  |     | 8.58  |
|             | Fluridone           | 88.9           | 78.6          | 88.9 |                  |     | 12.4  |
|             | Glufosinate         | 94.3           | 84.4          | 88.2 |                  |     | 4.34  |
|             | Glyphosate          | 88.9           | 84.2          | 80.9 |                  |     | 3.99  |
|             | Hydrocodone         | 93.5           | 89.3          | 75.4 |                  |     | 16.9  |
|             | Ibuprofen           | 80.5           | 68.3          | 72.9 |                  |     | 6.48  |
|             | Imazapyr            | 96.2           | 80.1          | 89.8 |                  |     | 8.12  |
|             | Imidacloprid        | 94.7           | 140           | 148  |                  |     | 5.35  |
|             | Linuron             | 76.0           | 83.3          | 81.3 |                  |     | 2.43  |
|             | Mandestrobin        | 96.6           | 88.5          | 92.8 |                  |     | 4.81  |
|             | MCPP                | 92.2           | 87.2          | 115  |                  |     | 27.2  |
|             | Methiocarb          | 78.5           | 80.3          | 76.3 |                  |     | 5.11  |

## Quality Assurance Report Summary

| Ref. Method | Analyte        | LCS % Recovery | MS % Recovery |      | Precision<br>SMP | MS    |
|-------------|----------------|----------------|---------------|------|------------------|-------|
|             |                |                | LCS           | MS   |                  |       |
| EPA 8321B   | Methomyl       | 82.9           | 91.8          | 98.1 |                  | 6.68  |
|             | Naproxen       | 60.9           | 78.5          | 73.3 |                  | 6.88  |
|             | Oxamyl         | 112            |               |      |                  | 4.41  |
|             | Primidone      | 118            | 108           | 109  |                  | 0.580 |
|             | Propoxur       | 88.2           | 85.3          | 85.4 |                  | 0.146 |
|             | Pyraclostrobin | 79.5           | 80.8          | 91.6 |                  | 12.4  |
|             | Silvex         | 69.8           | 67.1          | 76.3 |                  | 12.8  |
|             | Sucralose      | 81.9           | 73.6          | 88.3 |                  | 15.9  |
|             | Thiamethoxam   | 91.1           | 105           | 115  |                  | 7.81  |
|             | Tolfenpyrad    | 59.2           | 43.9          | 50.5 |                  | 14.1  |
|             | Triclopyr      | 75.3           | 77.0          | 70.7 |                  | 8.55  |

## Reference Method Descriptions

| Method    | Description                                                                            | Associated Samples        |
|-----------|----------------------------------------------------------------------------------------|---------------------------|
| EPA 8270E | Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS       | 2303072, 2303073, 2303074 |
| EPA 8270E | Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                 | 2303075, 2303076, 2303077 |
| EPA 8276  | Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization | 2303072, 2303073, 2303074 |
| EPA 8321B | Carbamates in water matrices by HPLC/MS/MS                                             | 2303066, 2303067, 2303068 |
| EPA 8321B | Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS            | 2303069, 2303070, 2303071 |

## Preparation and Analysis Log

| Ref. Method | Received Date | Prep Date/Time   | Prepared By      | Analysis Date/Time | Analyzed By      | Associated Samples |
|-------------|---------------|------------------|------------------|--------------------|------------------|--------------------|
| EPA 8270E   | 02/02/2022    | 02/03/2022 08:00 | Fe-Val Siddell   | 02/07/2022 20:22   | Michael Poppell  | 2303075            |
|             | 02/02/2022    | 02/03/2022 08:00 | Fe-Val Siddell   | 02/07/2022 22:28   | Michael Poppell  | 2303076            |
|             | 02/02/2022    | 02/03/2022 08:00 | Fe-Val Siddell   | 02/07/2022 22:54   | Michael Poppell  | 2303077            |
|             | 02/02/2022    | 02/03/2022 08:00 | Fe-Val Siddell   | 02/09/2022 14:20   | Michael Poppell  | 2303075            |
|             | 02/02/2022    | 02/07/2022 08:00 | Rasheda Ghaffari | 02/09/2022 21:11   | Vandana T. Nagar | 2303072            |
|             | 02/02/2022    | 02/07/2022 08:00 | Rasheda Ghaffari | 02/09/2022 21:42   | Vandana T. Nagar | 2303073            |
|             | 02/02/2022    | 02/07/2022 08:00 | Rasheda Ghaffari | 02/09/2022 22:13   | Vandana T. Nagar | 2303074            |
|             | 02/02/2022    | 02/07/2022 08:00 | Rasheda Ghaffari | 02/10/2022 12:06   | Arthur Maknenko  | 2303072            |
| EPA 8276    | 02/02/2022    | 02/07/2022 08:00 | Rasheda Ghaffari | 02/10/2022 13:03   | Arthur Maknenko  | 2303073            |
|             | 02/02/2022    | 02/07/2022 08:00 | Rasheda Ghaffari | 02/10/2022 14:00   | Arthur Maknenko  | 2303074            |
| EPA 8321B   | 02/02/2022    | 02/02/2022 14:30 | Manjita Shrestha | 02/02/2022 15:54   | Manjita Shrestha | 2303069            |
|             | 02/02/2022    | 02/02/2022 14:30 | Manjita Shrestha | 02/02/2022 16:04   | Manjita Shrestha | 2303070            |
|             | 02/02/2022    | 02/02/2022 14:30 | Manjita Shrestha | 02/02/2022 16:15   | Manjita Shrestha | 2303071            |
|             | 02/02/2022    | 02/02/2022 14:30 | Manjita Shrestha | 02/03/2022 13:44   | Manjita Shrestha | 2303069            |
|             | 02/02/2022    | 02/02/2022 14:30 | Manjita Shrestha | 02/03/2022 13:59   | Manjita Shrestha | 2303070            |
|             | 02/02/2022    | 02/02/2022 14:30 | Manjita Shrestha | 02/03/2022 14:14   | Manjita Shrestha | 2303071            |
|             | 02/02/2022    | 02/03/2022 08:55 | Hoor Shaik       | 02/04/2022 08:09   | Juyoung Kim      | 2303069            |
|             | 02/02/2022    | 02/03/2022 08:55 | Hoor Shaik       | 02/04/2022 08:43   | Juyoung Kim      | 2303070            |
|             | 02/02/2022    | 02/03/2022 08:55 | Hoor Shaik       | 02/04/2022 09:18   | Juyoung Kim      | 2303071            |
|             | 02/02/2022    | 02/04/2022 10:00 | June Rhew        | 02/08/2022 03:27   | Juyoung Kim      | 2303066            |
|             | 02/02/2022    | 02/04/2022 10:00 | June Rhew        | 02/08/2022 04:02   | Juyoung Kim      | 2303067            |
|             | 02/02/2022    | 02/04/2022 10:00 | June Rhew        | 02/08/2022 04:36   | Juyoung Kim      | 2303068            |