

11.0 RESULTS

11.1 Introduction

As discussed previously, field samples were selected in a series of campaigns at each of the four (4) monitoring sites. Results are reported here for each of the four (4) categories of analyses: PAH, PCDDs/PCDFs, nitro-PAH/oxygenated-PAH, and mutagenicity. As is customary for ambient programs, all reported data have been corrected using the appropriate field blank. Section 10.7 provides additional discussion regarding the significance of field blank results. Results within each of these analyte categories are further sorted according to location of the sampling program, as follows: Rice Straw, Fresno and Richmond.

11.2 Polynuclear Aromatic Hydrocarbons (PAHs)

11.2.1 Rice Straw Campaign

Results are provided for each of twenty (20) field samples selected for analyses via GC/MS SIM in Table 11-1. Results for eight (8) additional QA/QC samples (field blanks, method blanks, trip blanks, lab spike, solvent blank) are provided in Table 11-2. Results are provided in units of ng/m^3 for each of the PAH target parameters listed earlier in Table 4-2. All data shown represent field blank corrected values.

The customary sample-specific quality control data associated with these analyses are also provided. These include results of field applied surrogates (% recovery) and laboratory internal standard data (% recovery).

11.2.2 Fresno Campaign

Results are provided for each of eight (8) field samples selected for PAHs analyses in Table 11-3. Results for five (5) additional field blanks associated with the field samples are summarized in Table 11-4. All data are reported in units of ng/m^3 for each of the PAH target parameters listed earlier in Table 4-2. All data shown represent field blank corrected values. Sample-specific quality control data associated with these analyses are also provided. These include field applied surrogates (% recovery) and laboratory internal standard data (% recovery).