ABSTRACT

Title of Document: **UTILIZING HERBICIDE DEGRADATION PRODUCTS AND ARTIFICIAL SWEETENERS AS STABLE TRACERS TO EXAMINE AGRICULTURAL AND URBAN NUTRIENT SOURCES WITHIN TWO TRIBUTARIES OF THE CHESAPEAKE BAY**

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Eutrophication of the Chesapeake Bay has contributed to a decline in ecosystem health within the watershed. In this study, MESA (a metabolite of metolachlor) and sucralose were proposed as stable that could be used to discriminate nutrient contributions from agricultural versus urban sources. Two estuaries of the Chesapeake Bay were chosen as model systems: the Choptank River (agricultural) and the Anacostia River (urban). Surface water samples were collected and analyzed for herbicides, metabolites, artificial sweeteners and nutrients. Results supported the hypothesis that sucralose is present in waterways influenced by wastewater plants, and MESA was correlated with changes in nitrate concentration in the Choptank indicating agricultural sources. This work provides proof of concept that tracers can be used in the Chesapeake Bay region to distinguish the influence of urban and agricultural nutrient loads and provides a path to better assess restoration efforts and improved allocation of total maximum daily loads.

UTILIZING HERBICIDE DEGRADATION PRODUCTS AND ARTIFICIAL SWEETENERS AS STABLE TRACERS TO EXAMINE AGRICULTURAL AND URBAN NUTRIENT SOURCES WITHIN TWO TRIBUTARIES OF THE CHESAPEAKE BAY

By

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Dedication

To my mother and siblings
for their love and support

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Abbreviations

^{13}C-2,4-D	^{13}C-2,4-dichlorophenoxyacetic acid
^{13}C-GLU	^{13}C-Glucose
2,4-D	2,4-dichlorophenoxyacetic acid
ACE	acesulfame
ACE-d_4	acesulfame-d_4
ACT	acetochlor
ACT-ESA	acetochlor ethanesulfonic acid
ACT-OXA	acetochlor oxanilic acid
ALA	alachlor
ALA-d_{13}	alachlor-d_{13}
ALA-ESA	alachlor ethanesulfonic acid
ALA-OXA	alachlor oxanilic acid
ATZ	atrazine
ATZ-d_5	atrazine-d_5
AWRP	Anacostia Watershed Restoration Partnership
BARC	Beltsville Agricultural Research Center
BMP	best management practices
CAAT	desethyl-desisopropyl-atrazine
CBI	Chesapeake Bay Institute
CE	collision energy
CEAT	atrazine-desisopropyl
CIAT	atrazine-desethyl

CYL	cyclamate
DAD	diode array detector
DO	dissolved oxygen
ELISA	Enzyme-linked inmmunosorbent assay
ENR	Enhanced Nutrient Removal
GC	Gas Chromatography
HLB	hydrophilic-lipophilic balanced
HPLC	High Performance Liquid Chromatography
IS	internal standard
LC	Liquid Chromatography
LCL	lowest calibration limit
LOD	limit of detection
LOQ	limit of quantification
MAX	mixed-mode anion exchange
MCX	mixed-mode cation exchange
ME	matrix effect
MESA	metolachlor ethanesulfonic acid
MET	metolachlor
MET-d_6	metolachlor-d_6
MET-OH	metolachlor-2-hydroxy
MET-OXA	metolachlor oxanilic acid
MGD	million gallons a day
MM	matrix-matched

MS	Mass Spectrometry
MS/MS	tandem Mass Spectrometry
N	nitrogen
NPDES	National Pollutant Elimination System
OIET	atrazine-2-hydroxy
OP	ortho-phosphorus
P	phosphorus
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyl
PDU	poorly drained uplands
QA	quality assurance
QC	quality control
RL	reporting limit
RSD	relative standard deviation
R_t	retention time
SAC	saccharine
SAT	soil aquifer treatment
SAV	subaquatic vegetation
SAX	strong anion exchange
SD	standard deviation
SDB	styrol-divinylbenzene
SPE	Solid Phase Extraction
SUC	sucralose

SUC-d_6	sucralose-d_6
TBZ	terbuthylazine
TKN	total Kjeldahl nitrogen
TMDL	total maximum daily load
TN	total nitrogen
TP	total phosphorus
TPP	triphenylphosphate
TSS	total suspended solids
UHPLC	Ultra High Performance Liquid Chromatography
US EPA	United States Environmental Protection Agency
US FDA	United States Food and Drug Administration
USDA	United States Department of Agriculture
USGS	United States Geological Survey
WAX	weak anion exchange
WDU	well drained uplands
WW	wastewater
WWTP	wastewater treatment plant

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Chapter 1: Introduction

Nutrient pollution in the Chesapeake Bay has been a serious concern for decades. Several restoration efforts were designed and implemented during the past 30 years in order to improve the water quality in the Bay. Many restoration efforts such as the increase of riparian forest buffers and wetland acreage are presumed to work on a large scale but were only tested to be effective in experiments at a field scale. Moreover, total maximum daily loads (TMDLs) have been established for many impaired segments of the Bay. These TMDLs allocate the daily amount of nutrients or other pollutants that can enter a waterway and are designed to achieve overall reductions for the entire Chesapeake Bay system. A main limitation when attempting to assess the effectiveness of these restoration efforts is our ability to determine what are the main contributors of nutrient pollution in the waterway under consideration. An approach to discriminate possible contributions is the use of tracers for nitrate and dissolved phosphorus (OP). A tracer is a chemical that is stable, has only one source and its fate and transport is similar to the pollutant of concern. Previous research done by several scientists at the US Department of Agriculture (USDA) in Beltsville, MD, US Geological Survey and National Oceanic and Atmospheric Administration have established that metolachlor ethanesulfonic acid (MESA), a metabolite of metolachlor, could be used as a tracer for nitrate that enters to the Choptank River only from agricultural sources. Likewise, in the recent years artificial sweeteners such as sucralose and acesulfame have been proposed as good tracers to assess wastewater contributions to groundwater and surface water. To the best of my knowledge, tracers that account for nutrient pollution from wastewater and other anthropogenic inputs in the Choptank River and Anacostia River have not yet been assessed. Furthermore, even though sucralose has been associated to wastewater contamination before, the relationship between sucralose and nitrate and dissolved phosphorus has not been studied.

The aim of this work is to assess the use of tracers as possible surrogate markers to discriminate the nutrient contributions from agricultural versus urban sources. In this study Choptank River and Anacostia River were sampled and analyzed simultaneously for nutrients, herbicides, their metabolites and artificial sweeteners. For Choptank River, 13 sites were selected to include tidal and non-tidal waters. The Choptank River watershed contains heavy agricultural activity in the uplands and more residential areas near the mouth including two large wastewater treatment plants. For the Anacostia River 11 non-tidal and tidal sites were sampled. The Beltsville Agricultural Research Center is located in the upper Anacostia watershed and may be a significant source of agricultural nitrate and phosphorus. The remaining areas of the watershed are both residential and urban, with some forested areas.

This study was divided into two main objectives. The first objective was to develop an analytical multi-residue method that could effectively quantify MESA and sucralose with another 15 analytes of interest. Method development was constrained to a USDA previously developed extraction method for herbicide metabolites, as there was a significant interest to apply the method developed to a broad set of archive samples previously extracted and stored. Hence, the existent extraction method developed for 9 herbicide metabolites was extended for analysis of 17 analytes, including parent herbicides and artificial sweeteners. The second objective was to select adequate sampling locations in the Choptank River and Anacostia River watershed and analyze the samples for the presence of nutrients, herbicides, herbicides metabolites and artificial sweeteners. The results obtained were used to evaluate possible relationships between the proposed tracers, MESA and sucralose, and the nutrients measured. When doing data interpretations other factors such as land use and hydrogeology characteristics will be considered.

Ultimately, the method developed in this project will be utilized to initiate a long-term project examining the strength of agricultural and urban sources of nutrients in each of these watersheds. This information will allow for better assessment of TMDLs and evaluation of the effectiveness of the restoration efforts applied for the different type of sources.

Chapter 2: Literature Review

2.1 The Chesapeake Bay, eutrophication and agreements

The Choptank and Anacostia River, focus of this work, are two of more than 50 tributaries of United States largest estuary, the Chesapeake Bay, which is located in the mid-Atlantic region (see Figure 1). Centuries ago, the Bay consisted of clear-waters, rich on vegetation such as meadows of grass, forest and wetlands with a variety of aquatic wildlife. The European migration caused a population expansion, which adversely affected the environment and natural resources provided by the Bay. The first hypoxic conditions were estimated to happen near 1760, due to increase on nutrient loading during this strong agricultural period (Curtin et al., 2001). Nutrients in excess cause eutrophication increasing the appearance of algal blooms, and hence reducing the amount of dissolved oxygen (DO). Nevertheless, dissolved oxygen measurements were not done systematically until 1949, after the Chesapeake Bay Institute (CBI) was founded in 1947 (Curtin et al., 2001). The increasing awareness about water quality and its effects on the environment lead to the creation of the Chesapeake Bay Program partnership in 1983, where the State of Maryland, Pennsylvania, Virginia, the District of Columbia, the Chesapeake Bay Commission and the U.S. Environmental Protection Agency (US EPA) sign an agreement to protect the Bay and establish restoration efforts. In 1987, a second agreement was signed, which objective was "to equitably achieve by the year 2000 at least 40 percent reduction of the nitrogen and phosphorus entering the main stem of the Chesapeake Bay … based on agreed-upon 1985 point source loads and on nonpoint loads in an average rainfall year" (Chesapeake Executive Council, 1987). In 2000, the Chesapeake Bay Program partners sign a new agreement, which continued with their goal of a 40 percent reduction of nutrient inputs, but created new strategies which needed a "tributary-specific" approach after the Clean Water Act deemed many parts of the Chesapeake Bay as "impaired". Other goals set were better harvest control, habitat restoration from a more ecological point of view, increase on mileage of riparian forest that act as buffer for contaminants, restoration of wetland and continue educating the society in best management practices to improve land use impacts (Chesapeake Bay Program (U.S.), 2000).

In 2003, the US EPA published the Chesapeake Bay water quality criteria, which was the basis for later development of the Total Maximum Daily Loads (TMDLs). The establishment of TMDLs took several years of thorough study, water quality assessment and data analysis from many stakeholders. The TMDLs are a "pollution diet" specified for the main contaminants of each Chesapeake Bay segment. They refer to the maximum pollutant load entering to the water body, which complies with water quality standards set in the Clean Water Act (US EPA, 2010a). TMDLs have been completed and compiled in the US EPA website (http://ofmpub.epa.gov/waters10/attains_index.control), for many sections of the Chesapeake Bay.

Currently, the water quality in the Bay is poor. Even though pollutant trends showed a decrease on nutrients, their levels are still high. Only five percent of tidal waters have the needed clarity levels, 28 percent have no chemical contaminant impairment and 34 percent of total waters (open water, deep water and deep channel water) presented an adequate level of DO during the summer (Chesapeake Bay Program (U.S.), 2013).

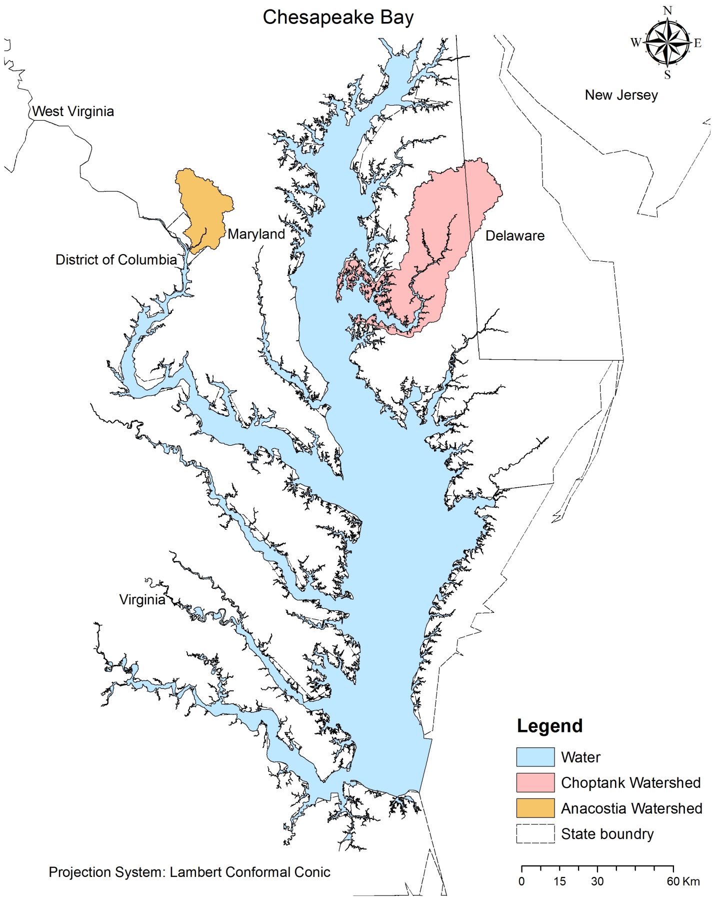

Figure 1. Map of the Chesapeake Bay. Choptank River watershed is represented in pink and Anacostia River watershed in orange.

2.1.1 Nutrient enrichment and eutrophication

The Chesapeake Bay is an estuary of approximately 300 Km long, 167.000 Km^2 of watershed and with a mean depth of 6.5 m and maximum depth of 30 m. The estuary is formed by the combination of freshwater (oligohaline), coming from the upper-Bay, and seawater (polyhaline) coming from the ocean. The mid-Bay area has a medium salinity level (mesohaline), and it is the region with larger depths (Kemp et al., 2005). Density stratification is a natural process in the Bay; it is caused by temperature and salinity gradients, which are more noticeable during late spring and summer. Density stratification causes a reduction on the concentration of DO, which in healthy environments would be reversible (Hagy et al., 2004). However, it is well known that the

Bay suffers of eutrophication due to nutrient enrichment, which exacerbates the DO level reduction reaching hypoxic or even anoxic conditions in the bottom waters during the summer period since 1950 (Hagy et al., 2004). The problem of lower water quality due to eutrophication, its source, effects and restoration approaches have been thoroughly discussed elsewhere (Nixon, 1995; Hagy et al., 2004; Kemp et al., 2005; Boesch et al., 2001). This section will focus on briefly present the main findings on this topic, for the reader to achieve a better understanding of the scenario in which this work developed.

Inhabited by a wide variety of animals and plants; the Bay is home of oysters, clams, blue crab and a variety of fish species. Two of the most noticeable living resources harvested every year are oysters and blue crab (*Callinectes sapidus*), but in the past years their production has decreased significantly due to overharvesting, lower water quality and disease. Overharvesting is the most important factor that affects oysters population, even if it has been under control since 1987 by the corresponding states following the Chesapeake Bay Program Agreements (Chesapeake Bay Program (U.S.), 1995). Kemp et al. (2005) reported that the oyster population in 2005 was one percent compared to two centuries ago. Moreover, it has been reported that the fish community in the Bay, affected by nutrient excess, increased on pelagic species and decreased in demersal species due to loss of benthic habitat (de Leiva Moreno et al., 2000). The Chesapeake Bay Agreement, as stated above, aims to improve the water quality and restore natural habitats. In order to achieve better water quality and therefore a healthier habitat, three important factors need to be controlled: (1) total suspended solids (TSS), (2) nutrient levels, and (3) DO levels. An elevated level of TSS impedes sunlight to reach the necessary depth for submerged aquatic vegetation (SAV) to grow, which is prominent as they produce O_2 and provide food and habitat for animals. The increase in nutrient input levels can originate from two main sources: (1) fertilizers used in agriculture and introduced into the Bay by runoff or via groundwater (Whitall et al., 2010); (2) wastewater treatment plants and septic tanks. Nutrient excess causes algae blooms, which would also block sunlight, affecting SAV. Also, the decomposition of organic matter after nutrient stimulation of the ecosystem, leads to subsequent habitat deterioration and living resources and algae decay, which causes DO reduction (even until complete depletion), also producing offensive odors (Boesch et al., 2001). Moreover, the algae may produce dangerous toxins causing fish kills. Ultimately, these processes may modify the ecosystem affecting animal and plant communities (Kemp et al., 2005; Breitburg, 2002; Whitall et al., 2007).

2.1.2 Nutrient dynamics

Nutrient dynamics in the Bay has been a topic of interest for the past 35 years and there is a broad knowledge on how the nutrients are imported and exported from the Bay. Boynton et al. (1995) published a detailed work where inputs and losses of nutrients in the Bay were mass-balanced. The authors defined inputs by source type, classifying them into point, diffuse or non-point and atmospheric sources. Point sources are for example wastewater treatment plant outlets and poorly maintained septic tanks; non-point sources include groundwater inputs, precipitation and runoff from crop fields and urban areas. Annual inputs of total nitrogen (TN) and total phosphorus (TP) were estimated for the main stem Bay as 14 g N m^{-2} yr^{-1} and 1.1 g P m^{-2} yr^{-1}, respectively. The main contributor to TN and TP inputs were the non-point sources (60 and 58 percent, respectively), followed by point sources (28 and 35 percent, respectively) and atmospheric wet depositions (12 and 7 percent, respectively). These values corresponded well to Magnien et al. (1995) findings. Losses by denitrification were reported as 26 percent of TN inputs and losses by burial of particulate N were estimated as 35 percent. Burial is the main source of P loss. Losses due to fisheries were estimated and represented less than 10 percent (Boynton et al., 1995). Ultimately, Boynton et al. (1995) concluded that the main stem Bay exported up to 45 percent of TN inputs to the ocean and imported up to 37 percent of TP inputs from the ocean. Seasonal and spatial variations are very important; generally TN and TP concentrations decrease towards the mouth of the Bay, but N and P speciation changes by season. During summer periods N is found in particulate and dissolved organic forms and P is in dissolved inorganic forms in the mid-Bay region (Boynton et al., 1995). Considering that N and P can be recycled, the eutrophication process is significantly worsened, as the nutrients are reused, causing actual loads to be higher than presumed. Hypoxic conditions stimulate recycling due to higher inputs of phosphates from the sediments and inhibition of nitrification, a process that requires oxygen (Boesch et al., 2001). Therefore, summer conditions seriously affect the health of the Bay.

2.2 Choptank River

The Choptank River is a tributary located on the eastern side Chesapeake Bay that drains approximately 1800 Km^2 of the upper lands of the Delmarva Peninsula. It originates on Kent County in Delaware and crosses Queen Anne's, Caroline, Talbot and Dorchester counties in Maryland. The river comprises a tidal region, from the mouth of the river to approximately the local US Geological Survey (USGS) monitoring station at Greensboro (USGS 014910000), and non-tidal watersheds above the station and the

Tuckahoe Creek sub-basin (McCarty et al., 2008). Some segments of the Choptank River were declared impaired in 1998 under the Federal Clean Water Act due to nutrient enrichment, sediments and fecal coliform. The last report from the US EPA considered all segments to be impaired. The mouth of the river presented excess of nutrients, high turbidity, polychlorinated biphenyls (PCB) and fecal coliforms. Other segments are polluted with nutrients and sediments (US EPA, 2010b). Currently, a report from the Maryland Department of Natural Resources (MD DNR, 2012) shows that the upper Choptank segment is considered impaired due to nutrient excess and sediments, which is expected, as it is an intense agricultural region. In this region no SAV is present and its biota is unhealthy. The water quality in middle Choptank is considered impaired due to high N concentrations, though P and sediments concentrations have improved. Outer Choptank water quality is good, with adequate levels of N, P and sediments. The DO concentrations are generally higher than 3 mg/L, and even though SAV growth is occurring, it is still lower than expected due to the degraded habitat. The slow improvement on the Choptank River water quality and habitat is due to the strong restoration efforts done, which include best management practices (BMP) (winter cover crops and conservation tillage), riparian grass, forest and wetland restoration (McCarty et al., 2008).

The Choptank watershed land is mainly used for agriculture (60 percent), which centers on sustaining poultry farms in the area. The principal crops consist on corn (*Zea mays L.*) and soybean (*Glycine max L.*) (USDA, 2013). Forested areas cover 30 percent of the total land, but only half corresponds to riparian forest (Norton and Fisher, 2000), wetlands correspond to four percent and urbanized land is approximately six percent (Whitall et al., 2010). The introduction of pollutants into the river is related to the land use. The primary cause of N and P enrichment in the Choptank River is the vast agriculture in the upper region (Whitall et al., 2010). The environmental fate is different depending on the hydrogeomorphic region as they are related to different transport and transformation processes. Phillips et al. (1993) reported an exhaustive description of the Delmarva Peninsula hydrogeomorphic regions and properties. Briefly, the land is categorized into seven hydrogeomorphic regions: well drained uplands (WDU), poorly drained uplands (PDU), surficial confined regions, inner coastal plain and three other coastal lowland regions, which are generally poorly drained and cover a minor area. WDU consists of permeable soils that associate to oxic groundwater, which generally present a higher concentration of nitrate due to denitrification inhibition. PDU presents hydric soils that associate to anoxic groundwater with lower nitrate concentrations (Hively et al., 2011). In 2011, Hively et al. reported that 68 percent of WDU and 55 percent of PDU are used for agriculture. This is an important fact as many PDU can only be used for agriculture after drainage by Public Drainage Association ditches. The drainage of PDU is considered the main cause for significant wetland losses. The amount of wetlands lost by 2002 accounted for 11 percent of the Choptank watershed (MD DNR, 2002). Moreover, drainage ditches should be carefully maintained in order to avoid overflow that causes runoff of pollutants and sediments into the river. Regarding WDU, their high permeable soils allow for a higher flow path of water, polluted with pesticides and nutrients, into the groundwater.

Restoration approaches proposed under the Chesapeake Bay Agreement have been applied to the Choptank River Basin. Between 1998 and 2005, agricultural land has been restored to riparian buffers by 11 percent, as part of the Conservation Reserve Enhancement Program (CREP), for a total of 44 percent average riparian buffers. As reported elsewhere (Peterjohn and Correll, 1984; Lowrence et al., 1997; Osborne and Kovacic, 1993; Gilliam, 1994), the use of riparian forest was expected to reduce N by denitrification and plant uptake, and P by sediment retention. However, when Sutton et al. (2010) evaluated the effect of riparian buffers in 15 Choptank River watersheds, no significant differences in N and P concentrations were observed. The authors justified the discrepancy by variation on land type, buffer age and dimensions, which agrees with previous observations (Lowrence et al., 1997; Norton and Fisher, 2000). Wetlands, as stated above, are important because they also promote nutrient removal by denitrification and plant uptake. The application of BMP in agriculture have demonstrated to improve water quality (McCarty et al., 2008)

The Choptank watershed has several wastewater treatment plants (WWTP), permitted through the National Pollutant Discharge Elimination System (NPDES), which discharge into the river. They are classified as minor and major WWTP, depending on whether their discharge rate is lower or higher than 0.5 MGD, respectively. Table 1 shows a list of the principal WWTP in the area and their characteristics. Major WWTPs are located in the city of Cambridge and Easton and their average flow rate is at least 5-fold higher, compared to other WWTP present in the watershed. Moreover, from the seven WWTP listed only Easton, Denton and Cambridge have been upgraded to do

Enhanced Nutrient Removal (ENR). The Maryland Department of Environment have published a comparison for WWTP projected N and P loadings with and without ENR upgrade, demonstrating that when ENR upgrade is done nutrient loadings into the Chesapeake Bay decrease significantly and its use is necessary in order to achieve the targeted loadings (MDE, 2013).

Table 1. Location and flows of WWTP that discharge into the Choptank River (Information provided by Mark Ramirez, Bio-solids Process Engineer at DC Water and Sewer Authority).

WWTP Name	Latitude	Longitude	Design Flow (MGD)	Average Flow (MGD)
Greensboro	38°58'40"N	75°48'8"W	0.25	0.18
Denton	38°52'21"N	75°49'3"W	0.80	0.38
North Caroline High School	38°54'30"N	75°50'28"W	0.02	0.002
Easton	38°44'55"N	76° 0'35"W	4.00	2.00
La Trappe	38°39'44"N	76° 3'57"W	0.20	0.14
Twin Cities	38°36'11"N	75°57'42"W	0.28	N/A
Cambridge	38°33'54"N	76° 3'26"W	8.10	2.76

Note: N/A – not available

2.3 Anacostia River

Anacostia River is a tributary of the Potomac River and part of the Chesapeake Bay watershed. It is located on the Piedmont Plateau and Coastal Plain hydrogeomorphic regions, which forms a surficial aquifer that maintains the base flow of the river and other streams and recharges deeper aquifers that supply drinking water to the area (Koterba et al., 2010). Anacostia watershed consists of 14 subwatersheds located in Montgomery and Prince George’s Counties of the State of Maryland, and a tidal region, which is mostly located in Washington D.C. The tidal region is considered to start below the Northeast Branch subwatershed (Miller et al., 2013). The land use in Anacostia watershed is mainly urban or suburban (64 percent) with approximately 7 percent of agriculture, 27 percent of forested or undeveloped areas and 2 percent of wetlands (Fry et al., 2011). Land use by subwatershed was summarized in Table 2 (AWRP, 2013). The US Department of Agriculture (USDA) has 2 municipal WWTPs in the Anacostia watershed, Beltsville Agricultural Research Center (BARC) East Side and BARC West Side, which average flow is estimated to 0.14 and 0.07 MGD, respectively.

Table 2. Anacostia watershed population and residential, industrial, forested and agricultural land percentages for some of the subwatersheds under study (AWRP, 2013).

Subwatershed	***Population***	***Residential (%)***	***Industry (%)***	***Forest (%)***	***Agriculture (%)***
Northwest Branch	172,039	52	-	22	9
Paint Branch	53,659	42	-	26	12
Little Paint Branch	36,900	37	-	31	11
Indian Creek	34,700	26	9	31	11
Upper Beaverdam	21,260	-	-	61	17
Still Creek	12,000	32	-	55	-
Sligo Creek	81,943	75	8	10	-
Northeast Branch	67,911	51	10	26	-
Hickey Run*	3,100	29	30	-	-

Note: * 34% are Park lands

Compared to Choptank River, there are many more USGS monitoring stations located on the Anacostia watershed. Systematic water quality measurements started in 2003 and were collected in different years for the various USGS stations. Based on the information gathered, water quality reports have been published by USGS in 2007 and 2013 (Miller et al., 2007, 2013). The first priority on water quality assessment was to evaluate contamination from toxic compounds, such as the pesticide heptachlor epoxide, polycyclic aromatic hydrocarbons (PAHs) and PCBs. A report from the University of the District of Columbia showed the presence of PCBs, PAHs and chlordane when biomonitoring Asian clams (*Corbicula fluminea*) were used (Phelps, 2005). An important consequence of urbanization and land use is the presence of sediments that rapidly accumulate, especially in storm events (Yorke and Herb, 1978). Hwang and Foster (2006) reported PAHs sediment enrichment during storm flows. USGS reported high yields of suspended solids compared to other watersheds on the Bay, but similar TN and TP yields. Langland et al. (2012) evaluated trends of TSS, TN and TP for a 24-year and 10-year period, in general TN is decreasing or remains unchanged, but TP and TSS increased. Groundwater analysis of wells in Washington DC area was done in 2005 and 2008 by USGS. It was reported that pesticides, including atrazine, simazine and metolachlor, were found mostly in well-drained sites constituted of coarse sediments located in northern areas of the Coastal Plain (Koterba et al., 2010). Anacostia River has completed TMDLs for PCBs (US EPA, 2013a), and local TMDLs were set by the State of Maryland and the District of Columbia for TSS, TN, TP, *E. Coli* and *Enterococci* (Miller et al., 2013).

The Anacostia Watershed Restoration Committee set restoration efforts in the year 1991 and formed the Anacostia Watershed Restoration Partnership (AWRP) in 2006. Briefly, the restoration efforts involve the reduction of pollutants in order to meet water quality standards, enhancement of aquatic diversity and the creation and expansion of riparian-forested areas and wetlands. Many of these goals are being achieved after intense work during the past 22 years, riparian forest and wetland coverage has increased and fish migration and habitat has improved after reopening almost 50 miles of the stream (AWRP, 2013).

2.4 Organic tracers and their application for nutrient source determination

A tracer of water pollution is a compound that is not naturally present in the environment, is stable, hence it should not be chemically or biologically degraded and it should be highly soluble in water with very low adsorption to sediments and soils (low K_{oc}) (Gasser et. al, 2010; McCarty et. al, 2013). Additionally, a good tracer should selectively correlate solely with a pollutant source. This last statement is critical when doing source differentiation and transport studies. Tracers have been previously used in environmental studies to determine the contribution of point source and non-point source contamination of pristine and surface waters and to determine pollutants fate. The selection of a tracer depends on the objective of the study; if the objective is to define a tracer for agricultural pollution, then it would have to comply with all the above-mentioned requirements, and at the same time be applied to the crops on a similar fashion as the pollutant of interest. Tracers have been used for over 3 decades with many different type of tracers used in different studies. Boron isotopes have been used to determine nitrate contamination sources in groundwater (Leenhouts et. al, 1998) and various tracers such as chloride and carbamazepine (Gasser et. al, 2010), human enteric viruses (Hunt et. al 2010), carbamazepine and atrazine (Segura et. al, 2011), caffeine (Buerge et. al, 2003), human steroidal hormones (Zgheib et. al, 2008), human pharmaceuticals (Glassmeyer et. al, 2005; Benotti et. al, 2009) and artificial sweeteners

(Mawhinney et. al, 2011; Van Stempvoort et. al, 2011a) were used to determine wastewater contamination of potable and surface water. Also, herbicide metabolites have been used in order to determine nitrate contamination from agricultural sources (McCarty et. al, 2013). Some limitations observed for the above-mentioned tracers are the high background of chloride due to its ubiquity; the need of specialized personal when working with human viruses; the losses of caffeine due to human metabolism and later degradation in WWTPs; and the variable population usage of pharmaceuticals depending on countries regulations. Artificial sweeteners, on the contrary, are highly consumed by individuals and the food industry worldwide, finding them at higher concentrations in wastewater.

The analysis of tracers should be simple, selective and sensitive. When developing a method, good accuracy and precision, selectivity, low detection limits and broad dynamic ranges are desired. The extraction method should be tested for matrix effects in order to avoid bias in quantification when using external calibrations.

2.4.1 MESA the nitrate tracer for agricultural sources

Non-point sources of nutrients are very difficult to determine and regulate. The use of a tracer that relates solely to agricultural production and correlates to nitrate is very useful for evaluation of non-point source nutrient contamination. The USDA Agriculture Research Service at Beltsville has worked in this area for many years and proposed a metolachlor metabolite, 2-[(2-ethyl-6-methylphenyl)(1-methoxy-2-propanyl)amino]-2-oxoethanesulfonic acid or metolachlor ethanesulfonic acid (MESA), as a nitrate tracer from agricultural sources (McCarty et. al, 2013).

Metolachlor is a pre-emergence herbicide mainly used on row crops such as corn and soybean (Phillips et. al 1999). The degradation or detoxification process of metolachlor into ethanesulfonic acid (MESA) and oxanilic acid (MET-OXA) metabolites has been carefully studied in aerobic soils (Aga et al., 1996; Field and Thurman, 1996). Metolachlor can be taken up by plants or by microorganisms and be detoxified by conjugation with glutathione, which substitutes the chlorine in the acetamide group. The transformation from the conjugated intermediary to MESA or MET-OXA requires aerobic conditions, as it follows an oxidation process (Feng, 1991; Field and Thurman, 1996; Van Eerd et al., 2003). Seybold et al. (2001) evaluated the formation of MESA and MET-OXA on anaerobic soils and, as expected, metolachlor degradation is not favorable.

To the best of my knowledge, there is not many information about MESA's physicochemical properties in the literature. Bayless et al. (2008) reported that MESA is very soluble in water (212.5 g/L), presents a low octanol-water partition coefficient (log K_{ow} = -1.23), low soil organic carbon partition coefficient (log K_{oc} = 1.13), low vapor pressure ($V_p = 1.61\times10^{-4}$ mmHg) and its half life in soil under aerobic conditions was determined to be 70 days. In order for MESA to act as tracer for nitrate, their transport process should be similar. Domagalski et al. (2008a) demonstrated a similar transport for nitrate and MESA on Morgan Creek (MD) and other US watersheds. Moreover, vast data collection and work on Choptank watershed also showed that MESA and nitrate fate are related (Whitall et al., 2010; Hively et al., 2011; McCarty et al., 2013). It is important to notice that though MESA is very stable after entering to the groundwater and streamwater, nitrate is not as it could further undergo denitrification (Domagalski et. al, 2008a, 2008b). Therefore, MESA physicochemical properties, degradation and transportation pathways render it a very good tracer for nitrate contamination.

The analysis of chloroacetanilide herbicides (metolachlor, alachlor and acetochlor) and its metabolites has considerably improved during the past 20 years due to the significant advances in analytical instrumentation. Initially only the parent herbicides were identified and quantified by gas chromatography coupled with mass spectrometry (GC-MS), but for large monitoring programs this analytical technique was very costly. Pome et al. (1998) developed an inmmunoassay in order to reduce the cost of analysis of triazine and chloroacetanilide herbicides. The enzyme-linked inmmunosorbent assay (ELISA) proved to be effective, with less than 12 percent false positives, but with a rate of false negatives as high as 23 percent. The main limitations of the ELISA is the cross reactivity among analytes with similar structure and, in this case, the high detection limit compared to GC-MS. In order to analyze OXA metabolites by GC-MS a derivatization step was necessary. Generally, derivatization steps are undesired because they are time consuming, have a limited reaction yield and the derivatization reagent could be hazardous. Heberle et al. (2000) used diazomethane, a carcinogenic and explosive, for derivatization of the OXA metabolites of acetochlor, alachlor and metolachlor. In the case of ESA metabolites, GC-MS is not suitable due to the analyte low vapor pressure. The first publications where ESA metabolites were analyzed involved the use of high performance liquid chromatography with diode array detector (HPLC-DAD) (Macomber et al., 1992). Compared to MS, DAD is less selective and it does not provide structural information; hence is more prone to false positive detections. Moreover, when HPLC-DAD is used rigorous confirmation is needed. Around the year 2000 more articles appeared in the literature that used HPLC-MS and tandem MS (HPLC-MS/MS). The major difficulty associated with this technique is the structural similarities among the analytes. A careful selection of product ions is prominent because many of the analytes are isobars (present the same *m/z* for the precursor) and, as their chemistry is very similar, they elute at similar retention times.

Extraction of water samples is generally needed in order to concentrate the sample and achieve good limits of detection (LOD) and quantification (LOQ). The method of preference to concentrate high volumes of water is solid phase extraction (SPE), which is generally time consuming and relatively expensive. Some examples of the stationary phases used in the literature are: reverse phase C-18 (Yokley et al., 2002), Carbopack B (Heberle et al., 2000), ENV (Vargo, 1998), ENV+ (Lehotay et al., 1998) and HLB (McConnell et al., 2007). Reverse phase C-18 cartridges, though commonly used in environmental analysis, present the disadvantage that polar analytes would breakthrough when using high sample volumes (Heberle et al, 2000). Carbopack B consists of graphitized carbon black sorbent, which is very effective for cleanup, but tends to highly retain analytes with aromatic groups and planar structures. ENV and ENV+ focus on extraction of polar to highly polar residues, and HLB (hydrophilic-lipophilic balanced reverse phase) presents a broad polarity range, which allows for the efficient extraction of polar and apolar analytes. Currently, HLB cartridge is the stationary phase of preference in environmental analysis.

2.4.2 Sucralose a tracer of contamination from urban sources

Wastewater (WW) discharge and other point sources such as septic tanks leakage and sewer failures, can contribute to surface and groundwater quality degradation. WW discharges are generally regulated and monitored; adequate levels of average daily flow, biological and nutrient loadings are established in order to avoid surface water contamination (US EPA, 2013b). The past several years many authors focus on how to identify and estimate the presence of WW in surface and ground water. Various WW pollutants such as nicotine derivatives (Buerge et al., 2008), carbamazepine and atrazine (Segura et. al, 2011) and artificial sweeteners (e.g., Buerge et al. 2009; Loos et al., 2009; Van Stempvoort et al., 2011a, 2011b; Oppenheimer et al., 2011, 2012; Soh et al., 2011) were evaluated as WW tracers.

Sucralose, acesulfame, saccharin and cyclamate are artificial sweeteners, widely used in food and beverages as sugar substitutes (Kroger et al., 2006). They have been approved as sweeteners in the US in 1999, 1988 and 1977 (US FDA, 2013), respectively, except for cyclamate, which has been banned in the US for the past 43 years (Buerge et al., 2009). These compounds are characteristic for their specific anthropogenic nature, high solubility in water, low log K_{ow}, relatively high consumption and scarce metabolism in humans (see Table 3) (Lange et al., 2012).

Table 3. Physicochemical properties and acceptable daily intake information of selected artificial sweeteners (Lange et al., 2012)

Name	**Solubility in water (g/L)**	**log K_{ow}**	**ADI (mg/kg bw)**
Sucralose	283 (20°C)	-1.00, -0.51	15
Saccharin sodium	4	0.91	5
Acesulfame potassium	270 (20°C)	-1.33	9
Cyclamate	1000, 133	-1.61	-

Note: ADI – acceptable daily intake, bw – body weight

Moreover, sucralose and acesulfame are persistent during conventional mechanical and biological treatments in WWTP (Scheurer et al., 2009). Scheurer et al. (2009) reported removal of 27 to 41 percent for acesulfame, 20 percent for sucralose and higher than 90 percent for saccharin and cyclamate. The Swedish Environmental Research Institute reported sucralose removal of less than 10 percent (Brorström-Lundén et al., 2008). Buerge et al. (2009) reported insignificant removal of acesulfame and sucralose, and higher than 90 percent removal of saccharin and cyclamate. When soil aquifer treatment (SAT) with residence times higher than 1.5 years is used, sucralose degrades significantly and acesulfame concentrations remain unchanged (Scheurer et al., 2009). Nevertheless, it is important to acknowledge that all above-mentioned literature cases showed such a high influent concentration of sweeteners than even after 90 percent removal, saccharin and cyclamate were detected at concentrations higher than 0.1 μg/L in effluents. Moreover, sucralose and acesulfame were not found on sludge as expected due to their high water solubility (Buerge et al., 2011). Some drinking water treatment processes such as granular activated carbon (Soh et al., 2011; Scheurer et al., 2010; Minten et al., 2011) and reverse osmosis (Lee et al., 2012) removed sucralose to a moderate extent; ozonation was partly effective for acesulfame removal (Soh et al., 2011; Scheurer et al., 2010; Lee et al., 2012). Similarly, after treatment sucralose and acesulfame have been detected in finished drinking water (Buerge et al., 2009; Scheurer et. al, 2010; Mawhinney et al., 2011). Therefore, sucralose and acesulfame are expected to be found in the environment and are suitable as tracers of WW contamination.

Artificial sweeteners analysis in surface and ground water is a fairly new topic. Sample extraction generally involves a SPE concentration step. Gan et al. (2013) in a very thorough work evaluated ten SPE stationary phases (strong anion exchange (SAX), mixed-mode anion exchange (MAX), low carbon loading C-18, high carbon loading C-18, phenyl, weak anion exchange (WAX), HLB, styrene-divinylbenzene and Waters Oasis WAX and HLB) combined with various buffers and elution solvents. The authors determined that using a WAX cartridge and eluting with methanol 1 mmol/L TRIS gave the best recoveries for the four artificial sweeteners of interest (Gan et al., 2013). Scheurer et al. (2009) also tested several stationary phases (ENV+, C-18, Bond Elut PPL, mixed-mode cation exchange (Strata X), weak anion exchange (Strata X-AW) and Oasis HLB, WAX, MAX and mixed-mode cation exchange (MCX)) but obtained the best recoveries for 7 artificial sweeteners with styrol-divinylbenzene (Bakerbond SDB) and methanol elution. In the case of sucralose analysis Oasis HLB is the stationary phase of preference with no pH adjustment necessary (Oppenheimer et al., 2011; Mawhinney et al. 2011; Ferrer and Thurman, 2010; Loos et al., 2009; Brorström-Lundén et al., 2008).

The analysis of artificial sweeteners is done using LC-MS and LC-MS/MS. Some of the difficulties encountered when analyzing this type of analytes were: (1) the poor fragmentation in negative mode compared with positive (Loos et al., 2009); (2) the formation of sodium adducts that produce low fragmentation, hindering identification; and (3) the high suppression due to matrix effects, which renders the use of isotopically labeled standards indispensable (Lange et al., 2012). All these issues should be taken into account and resolved, if possible, for their potential use as tracers.

Chapter 3: Materials and Methods

3.1 Materials

All reference standards were stated to be of purity equal or higher than 95 percent. Metolachlor oxanilic acid (MET-OXA), alachlor oxanilic acid (ALA-OXA), acetochlor ethanesulfonic acid (ACT-ESA), 2,4-dichlorophenoxyacetic acid (2,4-D), desethyl-desisopropyl-atrazine (CAAT), atrazine-desisopropyl (CEAT), atrazine-desethyl (CIAT) and atrazine-2-hydroxy (OIET) were obtained from EPA National Standard Pesticide Repository (Ft. Meade, MD). Alachlor-d_{13} (ALA-d_{13}) and metolachlor-2-hydroxy (MET-OH) were obtained from Crescent Chemical Co. (Islandia, NY). Sucralose (SUC), acesulfame potassium (ACE), saccharin (SAC), triphenylphosphate (TPP) and atrazine-d_5 (ATZ-d_5) were obtained from Sigma-Aldrich (St. Louis, MO). Terbuthylazine (TBZ), atrazine (ATZ), metolachlor (MET), metolachlor ethanesulfonic acid (MESA), alachlor ethanesulfonic acid (ALA-ESA), acetochlor oxanilic acid (ACT-OXA), acetochlor (ACT) and alachlor (ALA) were obtained from Chem Service (West Chester, PA). ^{13}C-Glucose (^{13}C-GLU) and ^{13}C-2,4-D were obtained from Cambridge Isotope Laboratories (Tewksbury, MA). Metolachlor-d_6 (MET-d_6), sucralose-d_6 (SUC-d_6) and acesulfame-d_4 (ACE-d_4) were obtained from US Biological (Salem, MA). Cyclamate sodium (CYL) was obtained from Supelco (Bellefonte, PA). Chemical structures of each analyte under study are shown in Figure 2.

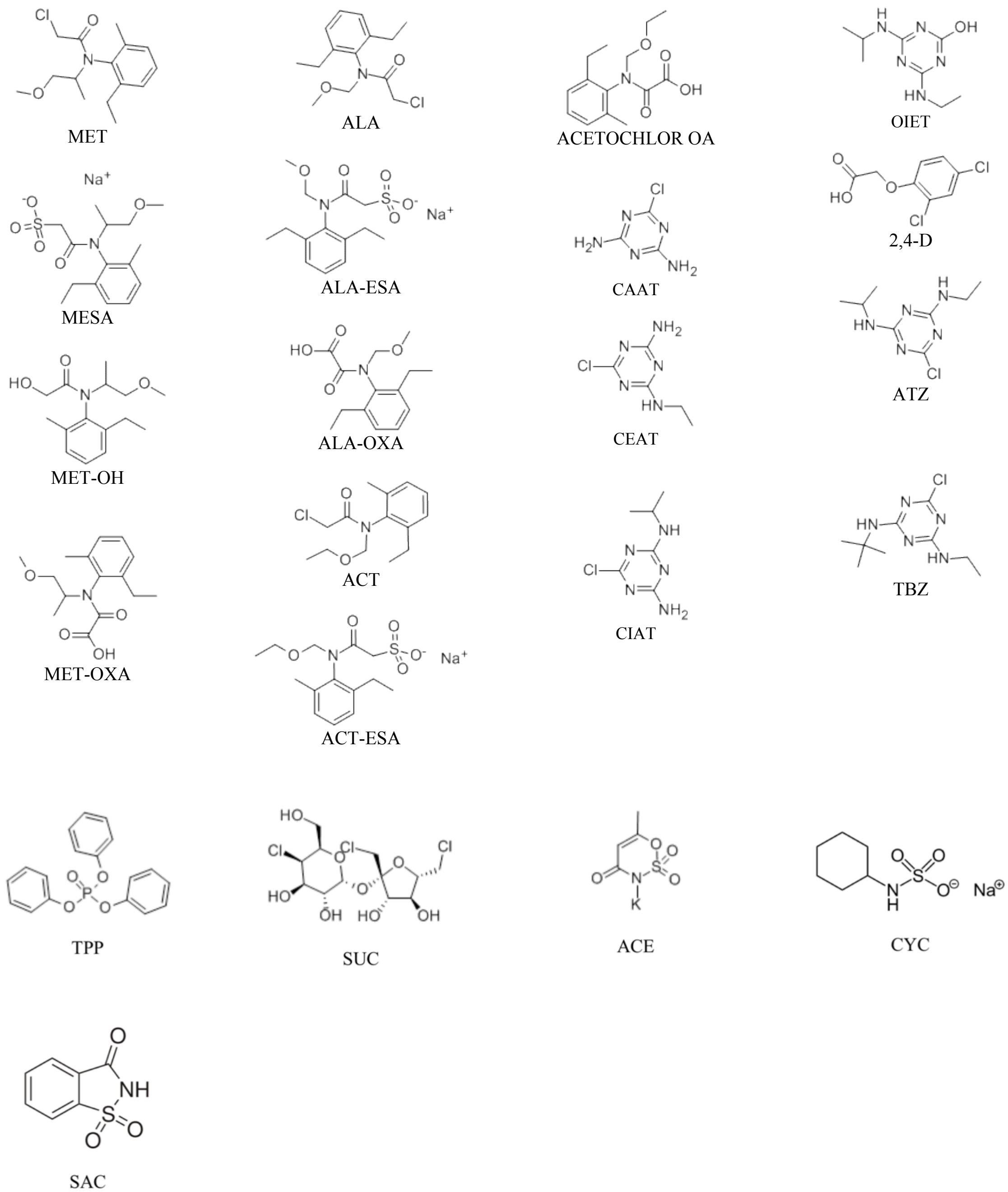

Figure 2. Chemical structures of the analytes under study

Reagent grade water was prepared using a Picotech UV-Plus (Durham, NC) system. High quality ultrapure water, used for UHPLC-MS/MS analysis, was prepared with a Barnstead RO system obtained from Thermo Scientific (Mariette, OH). Methanol (MeOH) and acetonitrile (MeCN) were HPLC reagent grade obtained from Fisher Scientific (Fair Lawn, NJ). Formic acid 88 percent purity and sulfuric acid 99.9 percent were obtained from Fisher Scientific and Sigma-Aldrich, respectively. Glass microfiber GF/D (150 mm diameter, 2.7 μm pore size) and GF/F (90 mm diameter, 0.7 μm pore size) filters, used for water samples filtration, were obtained from Whatman (Florham Park, NJ). Sample filtration previous to injection was done using a 1mL syringe obtained from BD (Franklin Lakes, NJ) with a 13 mm, 0.2 μm PVDF syringe filter obtained from Waters (Milford, MA). OASIS HLB cartridges for solid phase extraction were also obtained from Waters. Stock solutions were prepared in MeOH, except for CAAT and OIET for which up to 10 percent of H_2O was added to improve solubility. Spiking and surrogate solutions were also prepared in MeOH. Working solutions for reagent only and matrix matched calibration curve were prepared in MeOH and H_2O to reach an approximate final composition of 50:50 (v/v) MeOH-H2O.

Maps of the watersheds under study were done using ArcGIS Software Release 10 from ESRI (Redlands, CA).

3.2 Sites selection for Choptank River watersheds

In this study, 13 sampling sites were chosen (see Figure 3). The selection was done in order to assess six subwatersheds (non-tidal) and seven sites situated on tidal areas. The sites were selected in order to assess the whole length of the river. Regarding the subwatersheds and following the classification reported by Hively et al. (2011), Long Marsh and Beaverdam are poorly drained uplands, German Branch is a mixture of poorly and well drained uplands and Cordova is a well drained upland. As stated in the Literature Review, well-drained uplands are generally used for agricultural activities, while poorly drained uplands present lower agricultural activity and urban development, and a minor increase on forested land (Hively et al., 2011). The other seven sites are mostly representative of urban areas. Two sites (Horn Point and Oxford Laboratory) were chosen near the mouth of the river and two sites at 50 Bridge were selected next to Cambridge WWTP, 50 Bridge replicates were taken closer to the shore than the sample taken at 50 Bridge further point. The sites of Preston Landing, Frazier Point, Swing Bridge and Kingston Landing cover the middle region of the river and include Easton WWTP.

3.3 Sites selection for Anacostia River watersheds

Sampling sites over the Anacostia watershed were selected to comprehend 9 subwatersheds and one tidal site at the National Arboretum (see Figure 4). Locations were chosen to be as close as possible to the subwatershed outlet. This area is quite different compared to Choptank River, the land use is predominately urban and there are only two minor municipal WWTPs in the area.

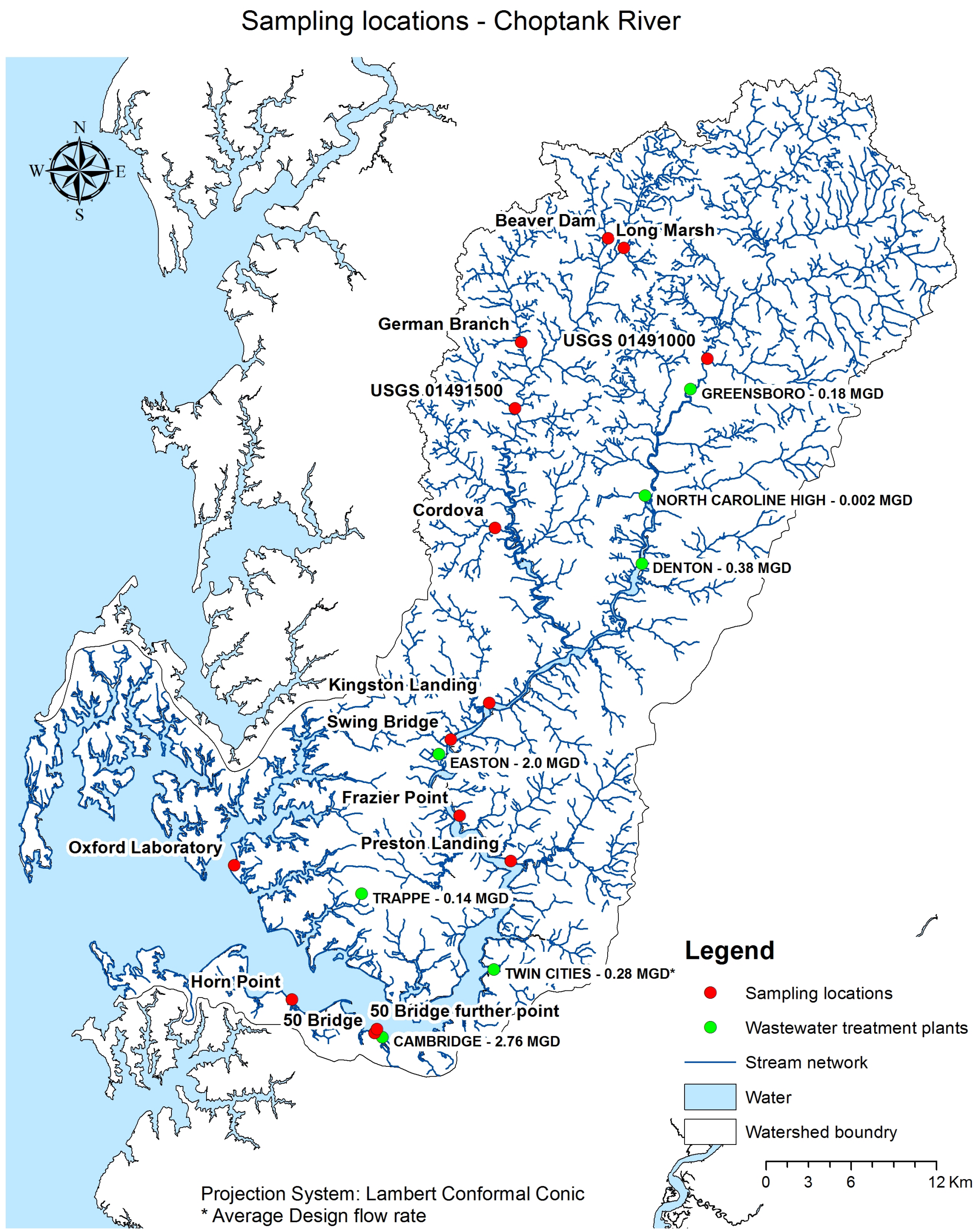

Figure 3. Choptank River sampling and WWTPs locations

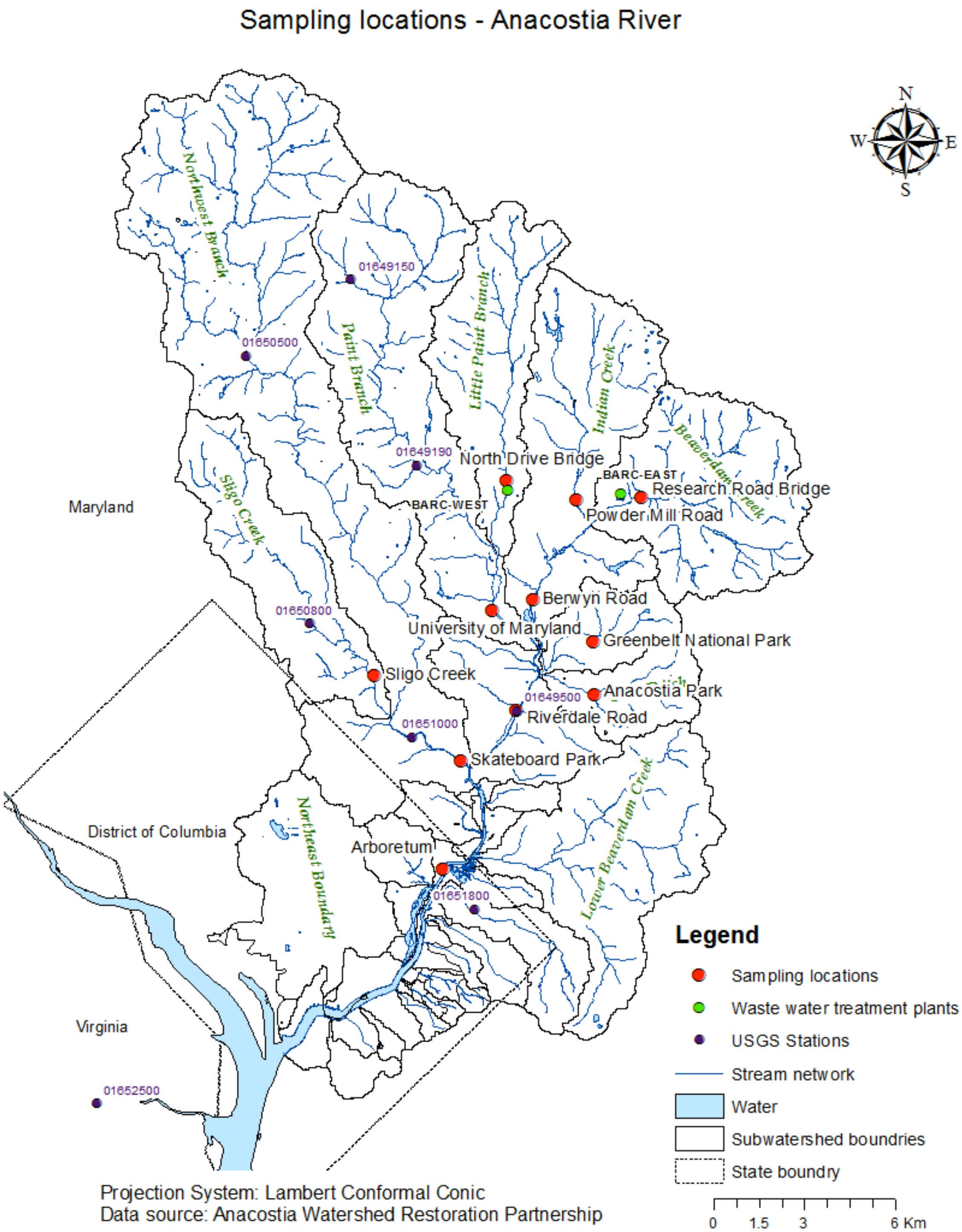

Figure 4. Anacostia River sampling locations

3.4 Sample collection

Environmental measurements were obtained for each sampling site, using a YSI 556 Multiparameter Sonde (Yellow Spring, Ohio) to determine temperature, conductivity, total dissolved solids, dissolved oxygen and pH. A GPS, with an accuracy of 10 m, was used to determine on site coordinates. Water samples for nutrient analysis were collected using a peristaltic pump. The tubing used for collection was Teflon, which is a low binding material, avoiding loss of analytes. The samples were placed into 2, previously acid washed, 250 mL glass jars. One jar was used for the analysis of ortho-phosphorus, nitrate and nitrite, which required the addition of 0.25 mL of H_2SO_4 for sample preservation. The second jar was used for the analysis of total phosphorus (TP) and total Kjeldahl nitrogen (TKN) for which no preservative was added.

Water samples for organic tracers analysis were collected at approximately 0.1 m of depth, using a stainless steel metal bucket and stored into stainless steel containers. Three washes with river water were done before the sample was collected. A travel blank sample, consisting of reagent grade water, was taken during the trip and treated the same way as other samples. The samples collected were conserved in ice during the sampling trip and stored in the laboratory fridge at 4°C overnight prior extraction.

3.5 Nutrient analysis

Samples collected for nutrient analysis were externally analyzed by ENVIRO-CHEM LABORATORIES, INC. Nutrient concentrations were determined using EPA and Standard methods. Briefly, Total Kjheldal Nitrogen (TKN), which accounts for the nitrogen from ammonia and other biological compounds, was determined using the method EPA 351.2 (US EPA, 2013c) where the sample is acid digested in the presence of H_2SO_4 and high temperatures for 2.5 hours; the digested sample is later diluted and analyzed using flow injection analysis with a colorimetric detector. The reporting limit (RL) was 0.4 mg/L as N. Nitrate and nitrite concentration was determined using the method SM 4500NO3-F (APHA, 1998), which consists on reducing nitrate into nitrite in presence of cadmium, then adding a color reagent that will form an azo dye and analyzing the solution with a colorimetric detector. The RL was 0.05 mg/L as N. TP and ortho phosphorus (OP) were determined following EPA 365.1 (US EPA, 2013c), in both cases ammonium molybdate and antimony potassium are used in order to develop a blue color. When OP is measured no digestion is needed, in the case of TP an ammonium persulfate digestion for 30-40 min is necessary; the RLs were 0.01 and 0.05 mg/L as P, respectively.

3.6 Extraction of organic tracers

A 2-step filtration system was used as previously described (McConnell et al., 2007). Briefly, the filtration consisted on passing the sample through 2 stainless steel filter holders with glass microfiber filters of 2.7 μm and 0.7 μm, which removed sequentially bigger and smaller particles, avoiding possible filter clogs. Submersible pumps fitted with Teflon tubing were used to pass the water through the filtration system. The initial 200 mL, equivalent to the dead volume of the system, were discarded and then 2 L were collected. In between samples, 200 to 300 mL of a 50:50 (v/v) mixture of MeOH-H_2O was used to clean the system. After the sample was filtered, 100 μL of a 10 μg/mL surrogate solution was spiked into 1L of water subsample to reach a final concentration of 1 μg/L. The sample was extracted by solid phase extraction using OASIS HLB 500 mg cartridges. The cartridges were conditioned with 5 mL of MeOH, 5 mL of MeCN and 5 mL of H_2O. Then the subsample (1L) was loaded under vacuum suction at an average flow rate of 7 mL/min and the cartridge was left to dry for 7 min. The sample was subsequently eluted with 10 mL of MeOH followed by 5 mL of MeCN at a flow rate of 1mL/min. The combined eluent was concentrated to 0.5 mL under a gentle N_2 flow at 40°C using a Zymark TurboVap LV system (Hopkinton, MA, USA). Concentrated extracts were spiked with 10 uL of a 25 μg/mL TPP (QC) solution, 100 μL of a 10 μg/mL internal standard (IS) solution, and 390 μL of H_2O to reach a final composition of 50:50 (v/v) MeOH:H_2O. Then samples were diluted 1/10 with 50:50 (v/v) MeOH:H_2O. Prior to injection in the UHPLC-MS/MS, 1 mL of the diluted extract was transferred into a 1 mL syringe and filtered with 0.22μm PVDF filters.

Recovery tests were done by spiking a 1L subsample with 50, 100 and 200 μL of a 10 μg/mL standard solution and 5, 10 and 20 μL of a 100 μg/mL of MET-OH solution, to reach final concentrations of 0.5, 1 and 2 μg/L, which were named low, medium and high spiking levels, respectively. MET-OH had to be added separately, due to be commercially available only at a concentration of 100 μg/mL. All recovery samples were also spiked with 100 μL of a 10 μg/mL IS solution.

The ISs selected (SUC-d_6, ACE-d_4, ATZ-d_5, ^{13}C-2,4-D and MET-d_6) were chosen in order to represent artificial sweeteners, triazines, phenoxyacetic and chloroacetanilide herbicides under study. The selected surrogates, TBZ and ALA-d_{13}, were used for method extraction evaluation when doing natural samples.

3.7 LC-MS/MS conditions

A Waters UHPLC-MS/MS Acquity Xevo-TQS (Milford, MA) was used for analysis. The analyte ionization was performed using electrospray with fast polarity switching. The system was controlled by MassLynx software. Optimization of MS/MS parameters was done by infusion of each individual analyte and using Intellistart software in positive and negative mode. The tuning process consisted on infusing a standard solution of 0.5 μg/mL prepared in 2 different solvent mixtures: (1) 50:50 (v/v) MeCN:H_2O 0.1 percent formic acid; and (2) 50:50 (v/v) MeCN:5mM of ammonia acetate (NH_4Ac) in H_2O. Cone voltage determination was done ramping the voltage from 2 to 100 V and choosing the value that generates the most intense precursor ($[M+H]^+$ or $[M-H]^-$) ion. Optimal collision energy (CE) for each product ion, was determined by setting the collision gas to 20 L/h and ramping voltage from 2 to 80 eV, until each transition reached their highest intensity. Lowest *m/z* cut off was 40. Other parameters set were: 3.0 kV capillary voltage, 150°C source temperature, 350°C desolvation gas temperature, 150 L/h cone gas and 650 L/h desolvation gas.

The UHPLC separation was done using a Waters Acquity reversed-phase ethylene bridged hybrid, BEH C18, column (100 mm long, 2.1 mm i.d., 1.7 μm particle size), protected with a BEH C18 guard column (5 mm long, 2.1 mm i.d., 1.7 μm particle size) and a mobile phase consisting of 0.1 percent formic acid in both water (A) and MeOH (B). The gradient shown in Figure 5 was used to achieve separation; the initial conditions were five percent B held for 0.5 min, then B was increased linearly to 40 percent in a time span of 1 min and again increased to 50 percent in 4.5 min. The isocratic conditions 50:50 (A:B) were held for 2 min, followed by an increase of B to 100 percent in 1 min and held on 100 percent for 2 min. Re-equilibration conditions were set during the last 1.8 min and the column was equilibrated. The total run time was of 13 min. Flow rate was 0.45 mL/min, column temperature was 40°C and injection volume was 10 μL. The autosampler temperature was kept at 12°C. Table 4 shows the retention times and the optimized MS/MS parameters for analysis.

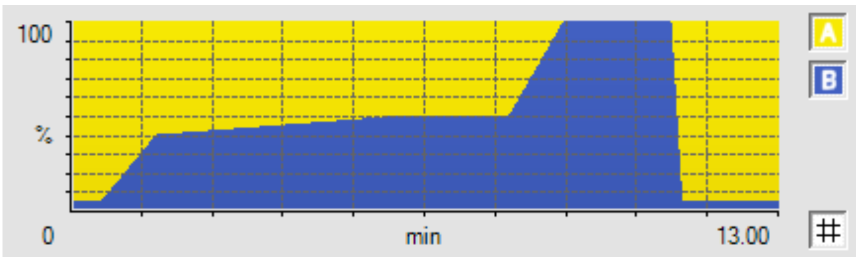

Figure 5. Gradient used in UHPLC to achieve separation of the analytes. A – Water 0.1 percent formic acid and B – MeOH 0.1 percent formic acid.

Sequences of injections were set up in order to avoid carry over. In the case of recovery tests, reagent only and blanks were injected first, followed by a calibration curve of 11 points and spikes from low to high level. Finally, another calibration curve was injected at the end of the sequence. Injections of 50:50 (v/v) MeOH:H_2O were done in between sets of spikes and after the calibration curve. When natural samples were injected blanks were also injected first, followed by a calibration curve and a matrix matched calibration curve. Each sample was injected 3 times and 50:50 (v/v) MeOH:H_2O were injected in between samples. The 25 ng/L standard was chosen as a quality assurance - quality control (QA/QC) sample and injected every 20 injection.

Table 4. Optimized MS/MS parameters, ionization modes used and retention times for the analytes under study.

	Analytes	*Molecular Formula*	*MW*	*Rt (min)*	*Ionization mode*	*Precursor ion (m/z)*	*Cone (V)*	*Product ions (m/z)*					
								Quant. Ion	*CE (eV)*	*Qual. Ion 1*	*CE (eV)*	*Qual. Ion 2*	*CE (eV)*
	Acesulfame	C4H5KNO4S	202	1.46	ES -	162	4	82	14	78	30		
	Sucralose	C12H19Cl3O8	396	1.68	ES -	395	42	359	10				
	Saccharin	C7H5NO3S	183	1.84	ES -	182	46	106	16	42	20	62	16
	OIET	C8H15N5O	197	2.12	ES +	198	54	114	22	86	22	156	18
	Cyclamate	C6H12NNaO3S	201	2.14	ES -	178	4	80	22	96	20		
	CEAT	C5H8ClN5	173	2.27	ES +	174	12	79	24	104	22	96	18
	CAAT	C3H4ClN5	145	2.80	ES +	146	32	79	16	104	16	110	14
	CIAT	C6H10ClN5	187	2.81	ES +	188	22	79	24	104	24	146	14
	Acetochlor ESA	C14H20NNaO5S	337	5.09	ES -	314	46	80	30	121	20		
	Alachlor ESA	C14H20NNaO5S	337	5.09	ES -	314	6	80	28	121	22		
	Metolachlor ESA	C15H22NO5S.Na	351	5.39	ES -	328	8	80	32	121	22	135	26
	Atrazine	C8H14ClN5	215	5.42	ES +	216	22	104	26	96	24	174	18
	2,4-D	C8H6Cl2O3	220	6.17	ES -	219	4	161	12	125	28	89	34
	Metolachlor OXA	C15H21NO4	279	6.46	ES -	278	6	206	12	174	16	158	18
	Metolachlor OH	C15H23NO3	265	7.28	ES +	266	2	176	24	148	28	234	14
	Acetochlor	C14H20ClNO2	269	9.23	ES +	270	20	148	20	133	28	224	8
	Alachlor	C14H20ClNO2	269	9.24	ES +	270	22	238	12	162	16		
	Metolachlor	C15H22ClNO2	283	9.28	ES +	284	22	252	12	176	26	73	26
	Acetochlor OXA	C14H19NO4	265	n/a	ES -	264	4	146	10	144	28	129	46
	Alachlor OXA	C14H19NO4	265	n/a	ES -	264	6	160	12	158	30	143	36
	Acesulfame-d4	C4D4KNO4S	205	1.45	ES -	166	4	86	12	78	26		
	Sucralose-d6	C12H13D6Cl3O8	403	2.23	ES -	401	44	365	10				
IS	Atrazine-d5	C8H9ClD5N5	220	5.36	ES +	221	52	179	16	101	24	79	24
	^{13}C-2,4-D	C2H6Cl2O3-13C6	227	6.17	ES -	225	6	167	14				
	Metolachlor-d6	C15H16D6ClNO2	289	9.28	ES +	290	20	258	16	182	26	135	32
QC	TPP	C18H15O4P	326	n/a	ES +	327	30	152	36	215	26	77	36
	Terbuthylazine	C9H16ClN5	229	8.06	ES +	230	22	96	26	79	26	174	16
Surrogates	Alachlor-d13	C14H7D13ClNO2	282	9.21	ES +	283	20	251	24				
	$^{13}C_6$-Glucose	13C6H12O6	186	n/a	ES -	185	54	139	16	157	12	92	6

Note: Rt – retention times, IS – Internal Standard, QC – Quality Control, n/a – not applicable

Chapter 4: Results and Discussion

4.1 MS and chromatographic optimization

Optimization was done by individual infusion, in positive and negative mode, of the initial set of 29 standards. Two different mobile phase modifiers, formic acid and ammonium acetate, were evaluated to determine their ability to increase ionization in the MS ion source. In total, 116 infusions were done, precursor and product ions were defined and their signal intensities compared. The vast majority of the analytes under study presented better ionization when using formic acid as modifier. Regarding ionization mode selection, 15 of the 29 analytes performed better in negative mode, which is advantageous, as it is well known that negative mode presents lower interferences and hence higher sensitivity.

In this study, a maximum of 3 product ions per precursor were chosen. In general when developing an MS/MS method, the quantitation (Quant) ion is the most intense product ion, followed by the first and second qualitative (Qual) ions, which are used for identification purposes only. Nevertheless, the instrument used presented high sensitivity and many Quant ions chosen saturated the detector response at concentrations as low as 100 ng/L (in the vial). The use of these ions for further study would significantly reduce the dynamic range of the method. Possible ways to overcome this difficulty could be to re-infuse and determine different ions, if available, or to re-order the ions previously selected, assigning as Quant a less intense ion. In the case of CEAT, CIAT, OIET and ATZ, the least intense ion was selected as the Quant; and for TBZ and MET-OH the second most intense ion was selected. Note that the ion ratios of these compounds would be affected when injected at high concentrations. Ultimately, ions were re-ordered and a broader dynamic range was obtained. Four analytes (SUC, SUC-d_6, ^{13}C-2,4-D and ALA-d_{13}) presented only one product ion. This observation is quite significant for SUC, because the lack of ion ratios makes the identification and quantification very difficult, as many other compounds in the environment could interfere and give false positives. Another significant challenge was the presence of 3 pairs of isobaric compounds: ALA – ACT, ALA-ESA – ACT-ESA and ALA-OXA – ACT-OXA. The pair consisting of ALA and ACT could be differentiated due to different MS/MS fragmentation pattern. However, ALA-ESA – ACT-ESA, and ALA-OXA – ACT-OXA, could not be resolved by MS/MS. Moreover, OXA and ESA metabolites have very similar chemical structures, which caused co-elutions during the chromatographic separation. Several gradients were tested but no significant separation was obtained, hence for each pair of analytes, only the sum could be reported. The chromatography was very good for all herbicides under study (see Figure 6), except the OXA metabolites, which showed poor peak shape. In order to avoid tailing or peak splitting, high flow rate and 40°C column temperature were used, but no significant improvement was achieved. Hence, OXA metabolites were removed from the final method.

The artificial sweeteners eluted earlier in the chromatogram, as expected due to their high polarity. ACE and SAC presented peak splitting, which was not improved with any of the different elution gradients tested. In the case of ACE, peak splitting has been observed previously when ammonium formate is used in the mobile phase, and was improved after changing the modifier to ammonium acetate (Ordóñez et al., 2012). Also, the observation of a broad SAC peak was previously explained by SAC and residual silanol group interactions on the stationary phase (Ferrer and Thurman, 2010). A possible way to address this issue could be changing the column to an Acquity HSS T3, which is also a reverse phase column, but its chemistry was modified to specifically improve peak shape and separation of polar analytes (Waters, 2013). As seen in Figure 6 artificial sweeteners presented lower intensities compared to the herbicides.

The analyte TPP, chosen as the instrument QC standard, presented a very high sensitivity, it easily saturated the detector and from the first injection done presented systematic carry over. Hence, under these conditions TPP was inappropriate to be used as QC. The infusion of the proposed surrogate ^{13}C-GLU showed a very weak and instable ion formation; when tested during injections no peak was detected for any transition selected.

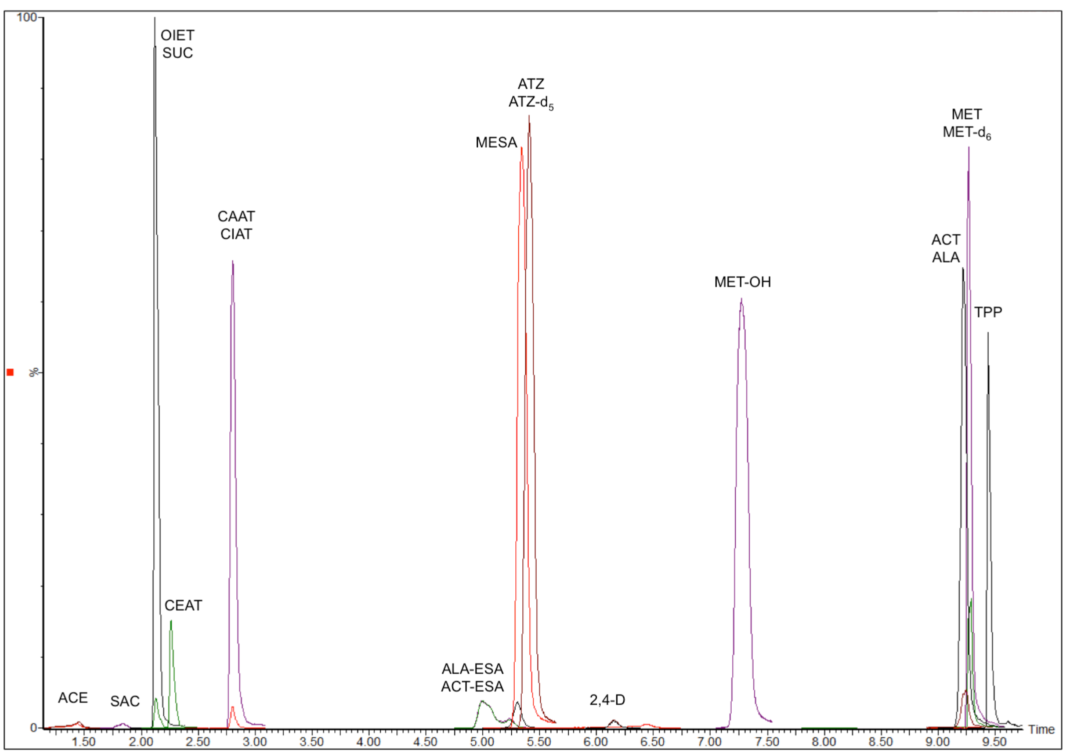

Figure 6. Total ion chromatogram of a mix standard solution at a concentration of 100 ng/L in 50:50 (v/v) MeOH:H_2O.

4.2 Method validation

The validation of an analytical method requires the evaluation of method sensitivity, linearity, dynamic range, accuracy, precision and the determination of limit of detection (LOD) and quantification (LOQ).

4.2.1 Sensitivity and linearity assessment

Sensitivity assessment consists on evaluating the presence of interferences by blank samples analysis. When working with environmental samples, the likelihood to have a "blank" river water sample available is very low or non-existent. In this study, reagent water was used as blank. The limitation associated with using reagent water is that real matrix interferences are overlooked. However, ion ratio determination and comparison with matrix-matched (MM) standards could be used to evaluate interferences. This approach will be better explained in the following sections.

Calibration curves were obtained and evaluated with and without forcing them through zero. All R^2 were higher than 0.99, except for ALA and ACT that presented a linear range ($R^2 = 0.988$) only until 50 ng/L (in the vial). Either if the calibration curve was or was not forced through zero, slopes were very similar. Nevertheless, the calculated concentrations obtained from the calibration curve forced through zero showed lower differences from the expected concentrations. Therefore, all quantifications were done with calibration curves forced through zero.

4.2.2 Identification and quantification criteria

Identification is a qualitative approach to inform whether a compound is present or not in a sample. The use of mass spectrometry makes identification of analytes possible due to its high selectivity, as the *m/z* measured is directly related to the structure of the analytes under study. Basically, identification is evaluated by comparing ion ratios, which are constant for a certain compound under defined analytical conditions.

The identification criteria used in this study was based on criteria set by USDA Food Safety and Inspection Service for veterinary drugs analysis in foods (Lehotay et al., 2012; Geis-Asteggiante et al., 2013). Though this work centers on environmental samples, applying the criteria could be useful for increasing the confidence of the results obtained. Briefly, a positive sample is considered identified when a chromatographic peak is present ±6s from the retention time (R_t) of the standard, all transitions have similar peak shape than the standard and the Quant ion signal to noise ratio is higher than three. If two Qual ions are available, three ion ratios can be estimated and sample ion ratios should be within $\pm|20\%|$ of the standard ion ratios. If only one Qual ion is available, then only one ion ratio can be estimated and sample ion ratio should be within $\pm|10\%|$. Reagent water samples should not present interferences and carry over should not be observed. For method validation, identification is acceptable when the number of false negatives is equal or lower than 10 percent.

Ion ratios were determined using calibration curve data. The calibration curve was injected twice (n=22) and ion ratios were calculated (see Table 5). Notation used for ion ratios (2/1), (3/1) and (3/2) refers to (Qual 1/Quant), (Qual 2/Quant) and (Qual 2/Qual 1), respectively. However, note that the ion ratios were calculated in order to reach percentages lower than 100 percent, i.e. in some cases (1/2) was calculated instead of (2/1).

Data treatment form spiked samples showed acceptable identification for all analytes, except ACE at low spiking level. In the case of OIET, ATZ and MET-OH, the second Qual saturates the detector at 200 ng/L (in the vial), hence only one ion ratio was considered for concentrations higher than 200 ng/L. ACE presented 40 percent false negatives at the low spiking level, which falls outside the acceptability criteria, but identification could be done for levels of 1 μg/L or higher. Based on these results, the method is able to adequately identify 16 of 17 compounds at any of the spiking levels tested. Hence, ion ratios and standard deviations (SD) from contemporarily injected calibration curves will be used to identify the analytes of interest in natural samples.

After proper identification, quantification of the analyte found is desired. The criteria for quantification required recoveries between 70 and 120 percent and relative standard deviations (RSDs) equal or lower than 20 percent. The lowest calibration limit (LCL) was used, instead estimating LOD and LOQ, and represents the lowest level that can be reported. Acceptable LCL needed to demonstrate signal to noise ratios higher than 10 and a percentage difference between the calculated and the expected concentration lower than 30 percent.

Table 5. Average ion ratios and standard deviation (SD) obtained from calibration curve standards (n=22).

Analytes	***Ion Ratios***					
	Ratio (2/1)	***SD***	***Ratio (3/1)***	***SD***	***Ratio (3/2)***	***SD***
Acesulfame	11%	3%				
Saccharin	10%	7%	106%	9%	10%	7%
OIET	56%	6%	41%	8%	73%	9%
Cyclamate	1%	1%				
CEAT	91%	7%	76%	3%	83%	6%
CAAT	82%	5%	51%	7%	62%	9%
CIAT	86%	6%	27%	4%	23%	4%
Acetochlor ESA + Alachlor ESA	68%	2%				
Metolachlor ESA	64%	4%	10%	3%	16%	6%
Atrazine	80%	4%	33%	11%	41%	11%
2,4-D	8%	3%	2%	2%	15%	7%
Metolachlor OH	63%	8%	21%	9%	13%	6%
Acetochlor	54%	4%	16%	6%	29%	11%
Alachlor	42%	5%				
Metolachlor	31%	3%	3%	2%	9%	6%
Acesulfame-d4	17%	1%				
Atrazine-d5	51%	1%	33%	1%	65%	1%
Metolachlor-d6	63%	2%	15%	2%	24%	3%
Terbuthylazine	80%	0%				

Note: SD – standard deviation.

4.2.3 Recoveries and precision

An extension of McConnell et al. (2007) extraction method, form 9 to 17 analytes, was evaluated. Previous results shown good recoveries for 7 analytes. Recovery tests were done in order to evaluate the accuracy and precision of the extended method. Spiking levels were chosen after careful assessment of previous findings in the literature and considering the sensitivity of the instrumentation. Ultimately, 0.5, 1 and 2 μg/L were chosen and named low, medium and high levels, respectively.

Results were the same whether corrected or not against the ISs added, which means that there were no significant matrix effects (ME) or volume variations. The lack of ME was expected as reagent water was used as matrix. All the internal standards and surrogates, except ALA-d_{13}, presented good recoveries. In the case of ALA-d_{13} the recovery was 67 percent, which was borderline low but still good for a surrogate standard. Moreover, RSDs of each IS (n = 40) was lower than 20 percent, which demonstrated good instrument repeatability.

Recoveries obtained for the low spiking level were acceptable, except for metolachlor that showed a recovery of 123 percent. Higher RSDs were obtained for the low spiking level, as expected. However, for the ESA metabolites the opposite trend was observed, due to one medium and one high replicate that gave recoveries of 60 and 67 percent, respectively. This deviation from the other 4 replicates may be due loading or elution speed variations. As the average recoveries and RSDs were not significantly affected, the replicates were not removed from the data set. Overall, 14 out of 17 analytes fell inside the quantification acceptable range (see Table 6). The relative standard deviations (RSDs) were lower than 15 percent for all spiking levels. These results demonstrated that the method was accurate and precise.

ACE, CYC and SAC were not extracted effectively, showing recoveries lower than one percent. These compounds are more polar than the herbicides previously studied; therefore loading a 1 L sample could cause breakthrough and the concomitant loss of analytes (Gan et al., 2013). It has been demonstrated that artificial sweeteners recoveries were good when weak anion exchange (WAX) is used as stationary phase (Huntscha et al. 2012; Gan et al. 2013). Hence, as the ultimate goal is to reach a single multi-residue method, the author recommends evaluating the efficiency of WAX for herbicides extraction. Other possible stationary phase to test on herbicides would be styrol-divinylbenzene (SDB), which proved to be effective for pharmaceuticals and artificial sweeteners extraction previously (Scheurer et al., 2009). Also, sequential SPE could be used to improve artificial sweeteners recoveries. Two cartridges with diverse separation chemistry could be used sequentially, e.g. first cartridge could be HLB and the second WAX, so when the sample is loaded the HLB stationary phase would not retain ACE, SAC and CYC, but WAX would selectively retain them.

Table 6. Percent recoveries (%Rec) and relative standard deviation (%RSD) for low, medium and high spiking levels (n=5 each). Values in **bold** are outside the acceptable range of recoveries (70 – 120 percent).

Analyte	***Rt (min)***	***Low level 0.5 μg/L (n=5)***		***Medium level 1 μg/L (n=5)***		***High level 2 μg/L (n=5)***		***Overall (n=15)***	
		%Rec	***%RSD***	***%Rec***	***%RSD***	***%Rec***	***%RSD***	***%Rec***	***%RSD***
Acesulfame-d_4	1.44							n/a	n/a
Acesulfame	1.45	nd	n/a	nd	n/a	nd	n/a	n/a	n/a
Saccharin	1.84	nd	n/a	nd	n/a	nd	n/a	n/a	n/a
Cyclamate	2.13	nd	n/a	nd	n/a	nd	n/a	n/a	n/a
OIET	2.14	112%	12%	112%	6%	110%	5%	110%	9%
Sucralose-d_6	2.22							92%	16%
Sucralose	2.24	89%	12%	94%	8%	119%	13%	96%	13%
CEAT	2.27	105%	8%	110%	4%	119%	6%	109%	7%
CAAT	2.8	107%	9%	109%	4%	112%	6%	107%	7%
CIAT	2.81	109%	9%	111%	4%	113%	6%	109%	7%
Alachlor ESA + Acetochlor ESA	4.99	94%	10%	90%	19%	95%	13%	89%	15%
Metolachlor ESA	5.27	96%	9%	90%	19%	99%	14%	91%	15%
Atrazine-d_5	5.35							97%	2%
Atrazine	5.41	102%	8%	104%	7%	109%	4%	104%	7%
^{13}C-2.4-D	6.15							91%	7%
2.4-D	6.16	99%	10%	105%	5%	110%	4%	103%	8%
Metolachlor OH	7.28	96%	7%	86%	6%	88%	5%	88%	9%
Terbuthylazine	8.06							97%	11%
Alachlor-d_{13}	9.21							**67%**	15%
Acetochlor	9.23	95%	8%	96%	4%	102%	2%	98%	6%
Alachlor	9.24	101%	9%	95%	6%	102%	3%	99%	7%
Metolachlor-d_6	9.28							99%	3%
Metolachlor	9.29	**123%**	12%	108%	8%	113%	3%	113%	11%

Note: Rt – retention time, nd – not detected, n/a – not applicable.

4.2.4 Evaluation of matrix effects (MEs)

MEs were estimated by slope comparison of a calibration curve prepared in solvent only (SO) and a calibration curve prepared in matrix, called matrix-matched (MM). There are many ways to estimate MEs; in this study the calculation used was %ME = (slope MM – slope SO)/(slope SO)*100. Hence, negative ME refers to signal suppression and positive to signal enhancement due to matrix presence. The ME suppression is considered significant when ME is lower than -20 percent; and ME enhancement is significant when ME is higher than 20 percent.

In order to prepare the MM calibration curve, equal volume of each of the real samples were combined to prepare 7 L of mixed "river matrix". The 7 MM samples were processed with all the other samples and spiked with standards before the dilution and injection steps. The approach of mixing all the samples collected was a good alternative to preparing a MM calibration curve for each matrix, which would be very tedious and costly. However, it is important to notice that the ME shown in Table 7 are not for individual sites and, hence, some samples may contain higher or lower MEs. In the case of Choptank River, OIET, SUC, MESA and 2,4-D presented a low enhancement, as ME were lower or equal to 30 percent. In the case of Anacostia River, ACE, ALA and MET presented significant suppression effects. In general, when assessing ME in LC-MS analysis suppression of signal is a typical phenomenon, however, enhancement has been observed in drinking water analysis, as reported by US EPA in Method 535 (US EPA, 2013c). Therefore, for all analytes inside the acceptable range, ME corrections would not be needed, preventing the tedious and costly MM calibration elaboration. Even when correction by IS was done for the same un-labeled standards or other standards of similar chemistry, results did not improve. In the case of sucralose and metolachlor, quantification improves only slightly when correcting by the correspondent IS.

Moreover, the ion ratios obtained for the MM calibration curve standards were compared to the SO calibration curve and no significant variations were observed. This is important because if matrix interferences where present the ion ratios would be affected. Interferences affect low concentration standards more greatly than high concentration standards, as its signal contribution is more significant. When the low standard ion ratio is compared to the ion ratio of standards at higher concentrations a deviation can be observed. This trend could be used for matrix interference assessment.

Table 7. Matrix effects observed for the "river matrix" sample consisting of a mix of all the samples collected. Values in **bold** refers to significant ME (ME < - 20% and ME > 20%)

Analyte	*ME (%)*	
	Choptank River	*Anacostia River*
Acesulfame	7%	12%
Saccharin	4%	6%
Cyclamate	5%	0%
OIET	**23%**	7%
Sucralose	**30%**	8%
CEAT	2%	-5%
CAAT	6%	6%
CIAT	3%	-7%
Alachlor ESA + Acetochlor ESA	6%	11%
Metolachlor ESA	**22%**	**21%**
Atrazine	6%	0%
2.4-D	**25%**	10%
Metolachlor OH	-7%	-6%
Acetochlor	13%	**-44%**
Alachlor	13%	**-43%**
Metolachlor	8%	**-42%**

Ultimately, the extended method allowed for the analysis of all the herbicides of interest and sucralose. A comparable, but slightly lower sensitivity was achieved for parent compounds that were previously analyzed by GC-MS. Therefore, the extended method avoids the need of two extraction methods and analytical instruments, reducing cost and time of analysis (note that run time was reduced to half).

4.3 Choptank River analysis

Data collected during sampling is summarized in Table 8. Time of sampling and coordinates are shown for each sampling site. No significant rainfall events (higher than 10 mm) were registered two days before sampling and discharge rate at the USGS stations were lower than 5 m^3/s; hence, the study was done at base flow conditions (Hively et al., 2011). DO was measured and readings were all higher than the criteria for instantaneous minimum DO in shallow waters (3 mg/L) (Chesapeake Bay Program (U.S.), 2003). Measured pHs were also inside the water quality criteria (US EPA, 2013a). Conductivity was determined in order to estimate water salinity. Discharge rates were obtained from the corresponding USGS monitoring stations at the time of sampling and used to estimate loads.

The USDA National Agricultural Statistics Service reported that in 2013, corn planting started the first week of April and was completed by the first week of June. Soybeans were planted in mid-May and, due to persistent rains, the planting period was extended until the end of July (USDA-NASS, 2013). Soils were fertilized and herbicides applied during the planting period; metolachlor and atrazine were applied to corn, and metolachlor was used for soybean plantations (Hively et al. 2011).

Table 8. Water quality data, coordinates and discharge rate for Choptank River watershed by location sampled.

Site ID	Date (mm/dd/yy)	Time (hh:mm) EST/EDT	Stage Gauge (ft)	Water temp (°C)	Cond (mS/cm)	Total Dissolved Solids (g/L)	DO (%)	DO (mg/L)	pH	Coordinates		Discharge (ft^3/s)
										Latitude	Longitude	
Horn Point	7/22/13	9:47 AM	None	29.75	12.97	7.733	78.2	5.76	8.05	38° 35' 36.72"N	76° 7' 43.39"W	
50 Bridge 1	7/22/13	10:37 AM	None	30.58	10.76	6.327	71.0	5.16	8.68	38° 34' 18.64"N	76° 3' 43.77"W	
50 Bridge 2	7/22/13	10:37 AM	None	30.54	10.82	6.362	82.5	6.00	8.71	38° 34' 18.64"N	76° 3' 43.77"W	
50 Bridge further point	7/22/13	11:07 AM	None	30.35	10.41	6.138	66.7	4.88	8.80	38° 34' 27.81"N	76° 3' 36.80"W	
NOAA	7/22/13	12:02 PM	None	30.40	14.91	8.780	86.8	6.25	8.52	38° 40' 44.95"N	76° 10' 27.38"W	
Preston Landing	7/22/13	1:09 PM	None	31.89	2.291	1.316	63.3	4.60	7.73	38° 40' 48.14"N	75° 57' 1.72"W	
Frazier Point	7/22/13	1:57 PM	None	31.40	1.108	0.642	59.6	4.44	7.54	38° 42' 33.21"N	75° 59' 29.56"W	
Swing Bridge	7/22/13	2:19 PM	None	31.17	0.296	0.172	59.7	4.42	7.35	38° 45' 27.04"N	75° 59' 53.10"W	
Kingston Landing	7/22/13	2:45 PM	None	31.22	0.150	0.087	44.4	3.23	6.97	38° 46' 50.09"N	75° 57' 59.10"W	
Cordova	7/22/13	3:12 PM	40	21.85	0.310	0.214	76.3	6.69	7.25	38° 53' 29.13"N	75° 57' 36.22"W	78*
Tuckahoe	7/22/13	4:19 PM	None	26.28	0.178	0.113	89.2	7.16	7.62	38° 58' 1.74"N	75° 56' 34.55"W	78*
German Branch	7/22/13	3:55 PM	10	22.24	0.203	0.138	75.0	6.51	6.89	39° 0' 33.42"N	75° 56' 13.83"W	78*
Long Marsh	7/22/13	5:42 PM	45	26.12	0.150	0.095	104.5	8.43	6.76	39° 4' 5.18"N	75° 51' 9.94"W	77*
Beaver Dam	7/22/13	5:25 PM	50	22.98	0.161	0.109	164.6	14.12	6.99	39° 4' 27.71"N	75° 51' 56.08"W	78*
Greensboro	7/22/13	4:53 PM	3.3	26.20	0.134	0.085	83.3	6.74	7.31	38° 59' 50.36"N	75° 47' 9.32"W	135§

Note: * Discharge (ft^3/s) obtained from USGS station 01491500, § Discharge (ft^3/s) obtained from USGS station 01491000. (USGS, 2013); DO – dissolved oxygen.

4.3.1 Nutrients levels and fate

Nutrient concentrations were determined for each site; Table 9 shows the TKN, nitrate+nitrite, OP and TP concentrations found. In surface water nitrite oxidizes to nitrate readily, contributing only a small fraction of the nitrate+nitrite concentration, hence the author will now on refer to it as nitrate. Also, note that TN is the summation of TKN and nitrate.

Nitrate levels obtained for the upper subwatersheds are slightly high for summer season, but still in agreement with previous findings (Hively et al., 2011). Cordova presented the highest nitrate concentrations (7.95 mg/L as N), as expected for a WDU in an intense agricultural area. Long Marsh and Beaver Dam nitrate levels were lower than Cordova, which was also expected, as both are PDU where denitrification and plant uptake is significant; and a higher percentage of forested land is present. In the tidal region, Whitall et al. (2010) reported that during summer months nitrate and salinity presented a curvilinear relationship due to biological uptake. However, in this study nitrate and salinity presented a negative strong linear correlation (R^2 = 0.991, see Figure 7a), which would mean that nitrate is being diluted as it moves toward the mouth of the river without any significant input, uptake or degradation happening after entering to the river. More sampling points in between Cordova, Greensboro and Kingston Landing would help to better support this observation. Note that nitrate is under the reporting limit when it reaches the mouth.

The levels observed for OP (dissolved phosphorus) in the upper subwatersheds were higher than previously reported 2-years averages and maximums by Hively et al. (2011). German Branch was the site with the highest OP concentration (0.2 mg/L as P), and concentrations decreased towards the mouth of the river. In the tidal region, the OP findings were in agreement with levels reported by Whitall et al. (2010). The higher concentrations were recorded in 4 locations near Easton WWTP. The relationship between OP and salinity was also a negative linear correlation (R^2 = 0.963, see Figure 7a), which could also relate to a dilution effect. However, comparing nitrate and OP concentrations of tidal and watershed regions, the level of OP in tidal sites was similar or higher than for the watershed, but nitrate was significantly lower. If dilution was the only effect over OP an increase would not be expected near Easton WWTP location, therefore it could be presumed that point sources were contributing to the observed OP level.

Overall, it was expected to observe nutrients concentrations slightly higher than anticipated due to the extended planting period for soybeans, which were 98% planted at the sampling date (USDA-NASS, 2013). Also, heavy rains were recorded for the upper subwatersheds 9 days before sampling, which could have caused an increase on OP concentrations due to runoff. This work shows only a snapshot of the Choptank River, and though it can be compared to previous findings for discussion purposes, more sampling dates and locations, would be needed to better assess trends.

4.3.2 Herbicides and artificial sweeteners fate

In order to inform results of natural samples, surrogates, QA/QC, IS and calibration curves should be check for any deviation. Possible carryover issues or presence of interferences in the laboratory and travel blanks should also be evaluated.

The method performed very well, surrogates recoveries and RSDs were acceptable and comparable to the ones previously obtained during recovery tests. QA/QC and IS showed good precision (RSDs lower than 20 percent), also accuracy was good during the run as the QA/QC reported the expected concentration (250 ng/L) with a maximum difference of 25 percent, without corrections for ME. Calibration curves were linear and the slope differences between the one acquired at the beginning and at end of the sequence were lower than 20 percent, except for CYC and SUC. These two artificial sweeteners presented 32 and 36 percent slope difference, respectively. As the QA/QC standard had a good performance (low RSD) and was accurately determined by the first calibration curve, SUC quantification was done using the first calibration curve. Moreover, corrections with SUC-d_6 did not help the quantification; actually it caused an increase in RSDs due to the variability of the IS (RSD = 19%). It was observed that SUC ionization was variable at levels lower than 250 ng/L and the IS was added at 100 ng/L. Significant carryover (higher than one percent) was not detected. The analyte concentrations in laboratory and travel blanks were below the LCL in all cases, except for MET. In the case of MET, laboratory and travel blanks showed interference for the first 2 product ions with an ion ratio comparable to the standard, but completely lacking the third transition, even though the concentration in the sample was estimated as 100 ng/L. A good approach to determine if the interference is MET would be re-analyzing the sample using scan mode for acquisition and looking for the precursor ion isotopic pattern. As MET contains one chlorine, it should show two peaks at m/z = 284 and m/z = 286 corresponding to the $[M+H]^+$ containing ^{35}Cl and ^{37}Cl, respectively. Ultimately, the interference signal of the blank was subtracted from all samples. Nonetheless, the source of the interference should be determined and avoided, if possible. As the interference is present on the laboratory blank, it could be a laboratory contamination in the reagent water, the extraction solvents or in the lot of OASIS HLB cartridges used. The odds of observing an interference of equal $[M+H]^+$ are high for small molecules, but the fact that 2 ions were present and their ion ratio was consistent with MET reduces the possibilities significantly. A reasonable approach to propose possible interferences would be to use MassLynx Software to estimate all possible molecular formulas for each mass observed (the software does not take into account the charge) and query for a broad spectrum of elements (C, H, N, O, Cl, F, Br, S). The software will provide several possible molecular formulas for the fragments and after comparing their elemental composition; one or more formulas for the precursor could be determined. However, this process is very tedious and it would require testing standards of the proposed compounds to check retention time similarities with MET. The best option to identify the interference observed is to analyze the sample using a high-resolution instrument, such as a time of flight mass spectrometer, which allows for accurate mass determination of the interference precursor and product ions, simultaneously observing isotopic patterns.

Table 9. Quantified nutrients, herbicides, herbicides metabolites and sucralose in Choptank River surface water by location sampled.

Analyte	***Rt (min)***	***LCL (ng/L)***	***Organic compounds concentrations found (ng/L)***									
			NOAA	***Horn Point***	***50 Bridge 1***	***50 Bridge 2***	***50 Bridge further pt***	***Preston Landing***	***Frazier Point***	***Swing Bridge***	***Kingston Landing 1***	***Kingston Landing 2***
OIET	2.12	50	80	105	151	129	141	187	161	164	147	166
Sucralose	2.24	250	453	461	382	309	386	< LCL	< LCL	< LCL	< LCL	< LCL
CEAT	2.27	5	61	87	120	103	111	81	69	60	50	53
CAAT	2.80	5	85	112	154	134	154	133	104	91	84	91
CIAT	2.81	0.5	83	108	144	127	141	124	97	94	79	88
Alachlor ESA + Acetochlor ESA	5.09	10	106	134	196	166	176	400	232	240	215	250
Metolachlor ESA	5.39	1	654	824	1195	1020	1118	2002	1643	1593	1431	1703
Atrazine	5.42	5	375	476	625	550	561	427	290	214	159	181
2.4-D	6.17	10	19	22*	21*	18*	18*	21*	43*	104*	169	195
Metolachlor OH	7.28	1	29	37	47	42	44	39	30	36	33	39
Acetochlor	9.23	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Alachlor	9.24	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Metolachlor	9.28	10	< LCL	84	333	318	273	1106	809	1166	1307	1465
		RL (mg/L)	***Nutrient concentrations found***									
Kjeldahl Nitrogen (mg/L as N)		0.4	0.8	0.8	0.7	0.8	0.8	0.7	0.8	1.0	0.6	0.9
Nitrate & Nitrite (mg/L as N)		0.05	< RL	< RL	0.064	0.078	0.23	0.971	1.06	1.14	1.2	1.25
Ortho Phosphorus (mg/L as P)		0.01	0.03	0.03	0.03	0.04	0.04	0.12	0.17	0.17	0.17	0.17
Total Phosphorus (mg/L as P)		0.05	< RL	0.05	0.07	0.06	0.07	0.15	0.18	0.19	0.22	0.22

Note: Rt – retention times, LCL – lowest calibration limit, RL – reporting limit, * Not identified

Table 9. Quantified nutrients, herbicides, herbicides metabolites and sucralose in Choptank River surface water by location sampled. (Continued)

Analyte	*Rt (min)*	*LCL (ng/L)*	*Organic compounds concentrations found (ng/L)*							
			Cordova	*Tuckahoe 1*	*Tuckahoe 2*	*German Branch*	*Beaver Dam*	*Long Marsh*	*Greensboro 1*	*Greensboro 2*
OIET	2.12	50	129	116	112	102	71	90	134	118
Sucralose	2.24	250	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
CEAT	2.27	5	172	49	45	52	30	15	24	21
CAAT	2.80	5	261	164	153	154	111	40	42	37
CIAT	2.81	0.5	254	155	148	148	109	37	42	37
Alachlor ESA + Acetochlor ESA	5.09	10	885	578	540	556	642	356	402	336
Metolachlor ESA	5.39	1	5758	4830	4626	4385	5891	4855	2690	2294
Atrazine	5.42	5	148	74	71	76	36	14	60	51
2.4-D	6.17	10	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Metolachlor OH	7.28	1	10	10	9	5	7	12	14	12
Acetochlor	9.23	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Alachlor	9.24	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Metolachlor	9.28	10	246	441	482	122	233	529	407	351
		RL (mg/L)	*Nutrient concentrations found*							
Kjeldahl Nitrogen (mg/L as N)		0.4	0.7	0.6	1.0	0.6	0.6	1.3	0.6	8.7
Nitrate & Nitrite (mg/L as N)		0.05	7.95	5.46	5.13	5.49	5.17	2.28	1.43	1.5
Ortho Phosphorus (mg/L as P)		0.01	0.1	0.11	0.1	0.2	0.09	0.15	0.17	0.16
Total Phosphorus (mg/L as P)		0.05	0.09	0.12	0.12	0.17	0.09	0.13	0.14	0.14

Note: Rt – retention times, LCL – lowest calibration limit, RL – reporting limit

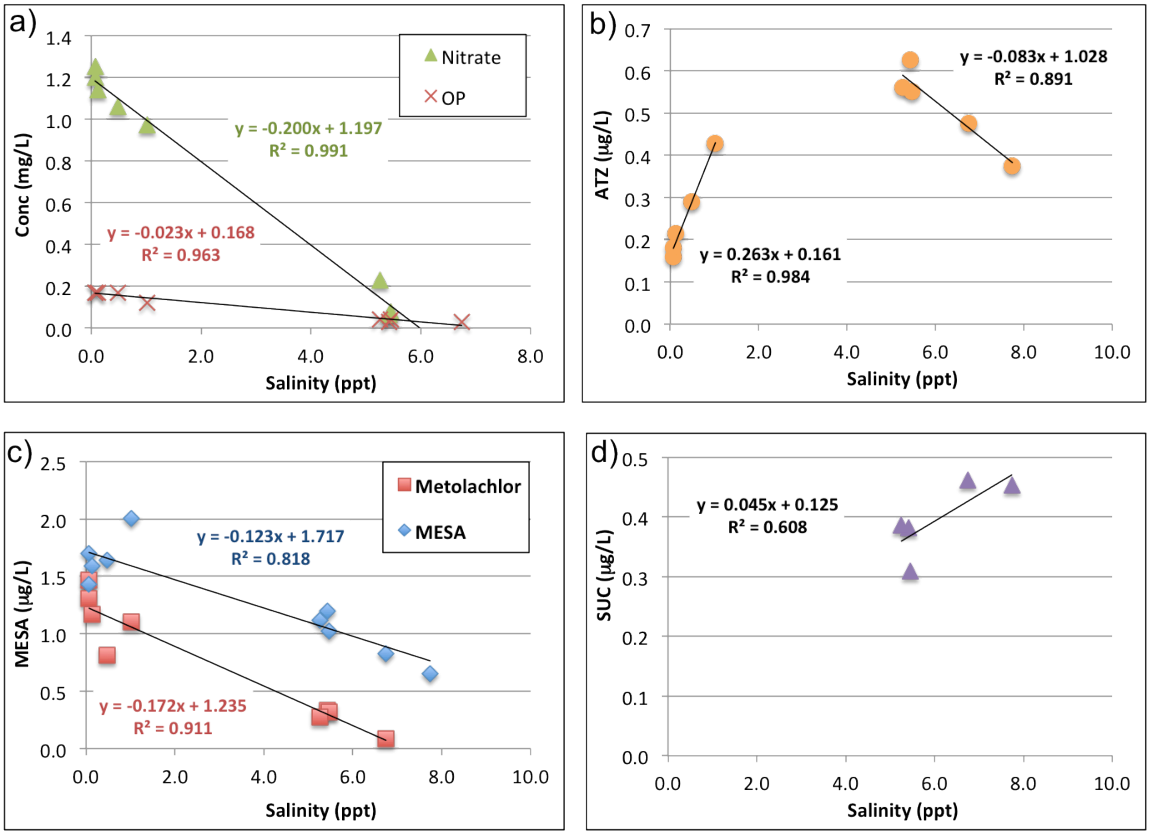

Figure 7. Concentration of a) nitrate and OP; b) MET and MESA; c) ATZ; and d) SUC versus salinity. Linear trends and R^2 are shown for each analyte.

As shown in Table 9, ATZ, MET and their metabolites were identified and quantified at concentrations higher than the LCL for all sites. ATZ concentrations were higher for tidal sites and ranged from 0.17 to 0.60 μg/L. The subwatersheds presented ATZ levels lower than 0.08 μg/L, except for Cordova, where ATZ was 0.15 μg/L. The metabolites CAAT, CIAT, CEAT and OIET were present in the subwatersheds at levels significantly higher than ATZ. Cordova presented a concentration of CEAT and a CEAT/ATZ ratio higher than other subwatersheds; this could be related to simazine co-application in corn plantations, which would also produce CEAT as metabolite. In the tidal region, an interesting pattern for ATZ was observed (see Figure 8); the concentration increased from the mouth of the river until the maximum was reached at 50 Bridge, near Cambridge WWTP outfall. In order to evaluate mixing effects due to salinity gradients, ATZ was plotted versus salinity (see Figure 7b), two strong and opposite linear correlations were observed depending if the water was oligohaline (0.5 – 5 ppt) or mesohaline (5 – 18 ppt). At the times 50 Bridge, Horn Point and NOAA were sampled the tide was low and water was exiting the river, so if a significant level of ATZ was entering to the river through the WWTP a decrease towards the mouth of the river would be observed. Conversely, for the rest of the samples the tide was high and water was entering from the Bay, hence a decrease of concentration from the source towards the Kingston Landing would be observed. Benotti et al. (2009) has reported that ATZ is widely used in the US and it has been found in surface water influenced by WW at concentrations as high as 0.87 μg/L, even in places with no agricultural activities. Therefore, the pattern observed could be related to a point-source input of ATZ, which may be affected by the tide. Moreover, not only ATZ was found at relatively high concentrations in the mouth of the Choptank River, MET was also found at concentrations as high as 1.5 μg/L. Another possible explanation for this observation could be the entrance of parent pesticide from the Bay. Susquehanna River, a major tributary and contributor of freshwater to the Chesapeake Bay it is surrounded of a vast agricultural activity, which could contribute to ATZ and MET. However, Liu et al. (2002) and McConnell et al. (2007) had found ATZ and MET present near Choptank River, but at levels lower than 0.1 μg/L. Lastly, volatilization and aerial deposition could also be considered as a possible ATZ and MET contributor. Conditions were adequate for volatilization, warm temperatures and significant rain the week previous to sampling, left soils wet increasing the possibility for volatilization losses. (Prueger et al., 2005; Kuang et al., 2003).

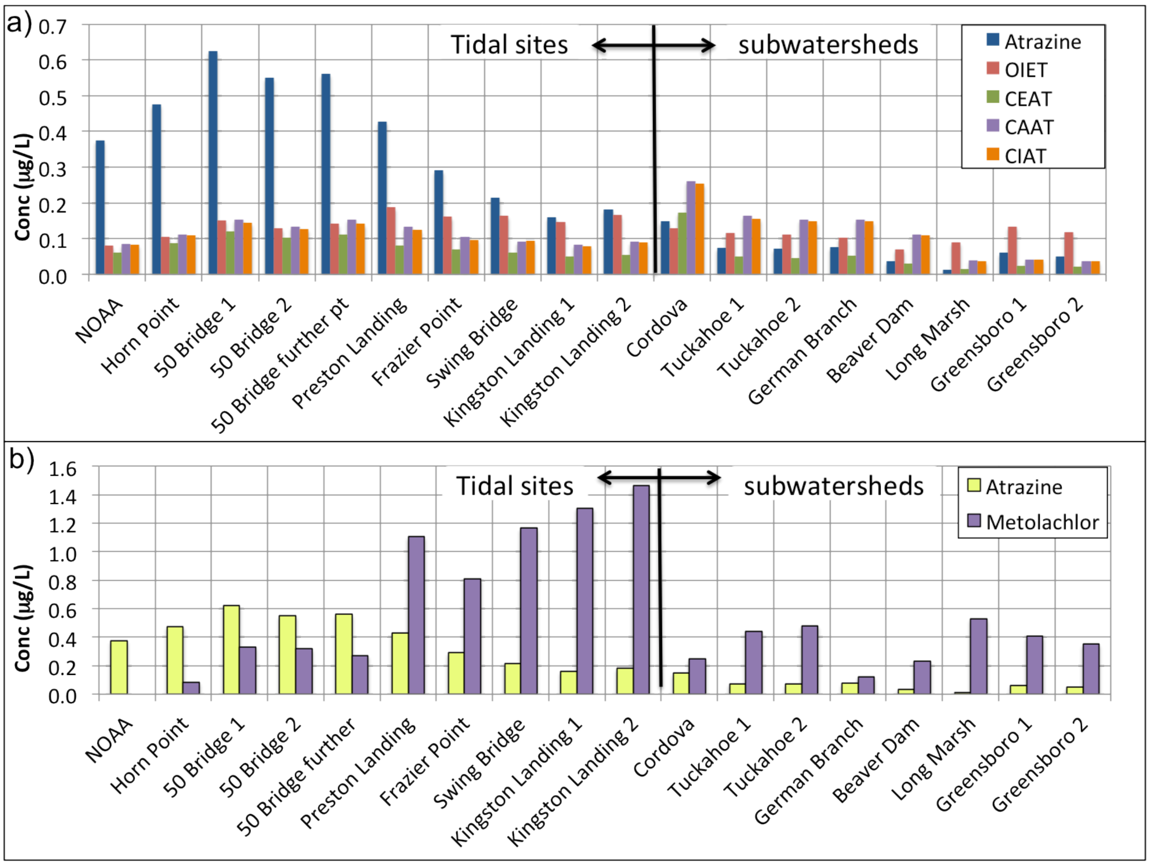

Figure 8. Concentrations (µg/L) found for a) ATZ and its metabolites and b) for ATZ and MET by site sampled.

MESA concentrations were higher in the subwatersheds, with the highest findings observed at Beaver Dam (5.9 µg/L) and Cordova (5.8 µg/L) a PDU and WDU soils, respectively. These levels were slightly higher than previous findings for summer period by Hively et al. (2011), which could be related to the extended planting period in 2013. German Branch and Long Marsh also located on PDU soils showed lower MESA concentrations as expected for hydric soils. MET represented less than 15 percent of

MESA at the non-tidal sites, which was expected as MESA is formed in aerobic or unsaturated soils and transported into groundwater. Lower areas of the Choptank River presented an increased percentage of MET, reaching almost equal levels compared to MESA at Kingston Landing and decreasing toward the mouth of the river. Possible explanations for this observation were suggested above. MET and MESA plotted versus salinity showed a strong linear negative correlation with R^2 of 0.911 and 0.818, respectively (see Figure 7c); comparable with McConnell et al. (2007) results. As previously demonstrated by McCarty et al. (2013), MESA presented a good correlation to nitrate (R^2 = 0.978, see Figure 9), which supports the hypothesis that MESA could be a good tracer of agricultural nitrate. Moreover, MESA was poorly correlated to OP (R^2 = 0.047), which could be explained by the presence of other sources such as Easton WWTP and/or other WWTPs located under Greensboro site. Note that if the locations near Easton WWTP were not taken into account when plotting OP versus MESA, a strong linear correlation (R^2 = 0.951) was observed. MET-OH was found in all samples at levels lower than 50 ng/L, hence it was not significantly formed.

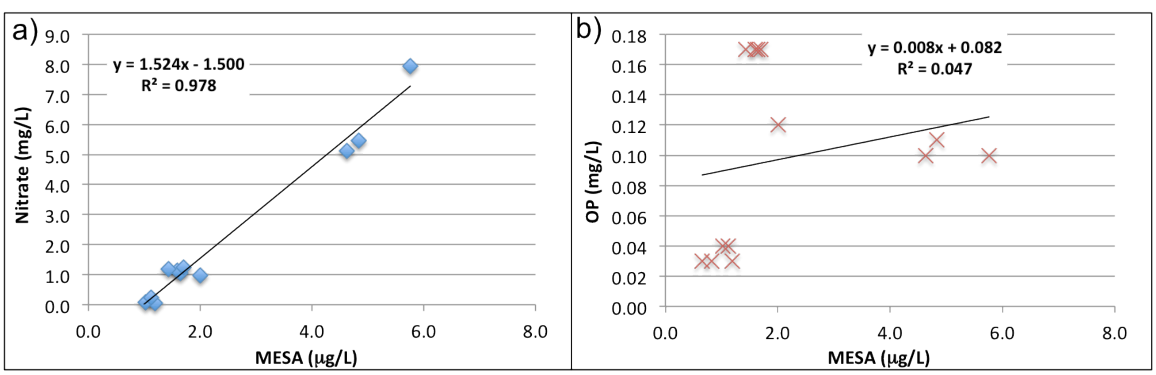

Figure 9. Concentration of MESA versus a) nitrate and b) OP. Linear trends and R^2 are shown for each analyte.

The herbicides ACT and ALA were not identified, but their ESA metabolites were present for all sites at concentrations higher than the LCL, although considerably lower than MESA. Moreover, 2,4-D was quantified in nine sites, but only two, NOAA and Kingston Bridge, passed the identification criteria. The fact that some samples failed to pass the criteria could be related to the low ion ratios associated to 2,4-D. Usually, ion ratios lower than 10 percent are undesired, as they are strongly affected by analyte concentration and ionization variability.

In the case of artificial sweeteners analysis, the method was not suitable for ACE quantification and identification was not possible as it was limited to concentrations higher than 1 μg/L. CYC was not identified in any of the sites under study, which was expected as it has been banned in the US for many years. Moreover, even though SAC could not be quantified using this method due to its low recovery, it was identified in all the sites, except NOAA, Swing Bridge, Tuckahoe, German Branch and Long Marsh. SAC was expected to be found in the tidal region as many WWTP discharge over the river. In the case of Beaver Dam, SAC presence may be a false positive or a positive finding explained by a septic tank leakage. However, SAC stability in septic tanks is very low. Additionally, to determine if it is a false positive confirmation of the results would be needed by an orthogonal analysis, such as LC-DAD. Nonetheless, the addition of identification criteria increased the confidence of the results and proved to be very useful for cases where quantification could not be done.

SUC was only detected at NOAA, Horn Point and 50 Bridge, with concentrations ranging from 0.31 to 0.46 μg/L. When evaluating sucralose versus salinity, a weak positive linear correlation (R^2 = 0.608, see Figure 7d) was observed; however, the interpretation of this result is very limited as only 5 points (three at 50 Bridge) were found in a small range of salinity. Also, SUC should be compared to nitrate and TN concentrations, but as nitrate was lower than the RL for NOAA and Horn Point comparison was not possible. In the case of SUC and OP, a weak negative linear correlation (R^2 = 0.563, see Figure 10) was observed, but as previously stated more points would be needed to better assess trends. The high method LCL limited the amount of samples that could be quantified, i.e. the author assumed that SUC would also be found in the locations near Easton WWTP, such as SAC was identified in these locations. The lack of an ion ratio to allow for identification evaluation was also a draw back.

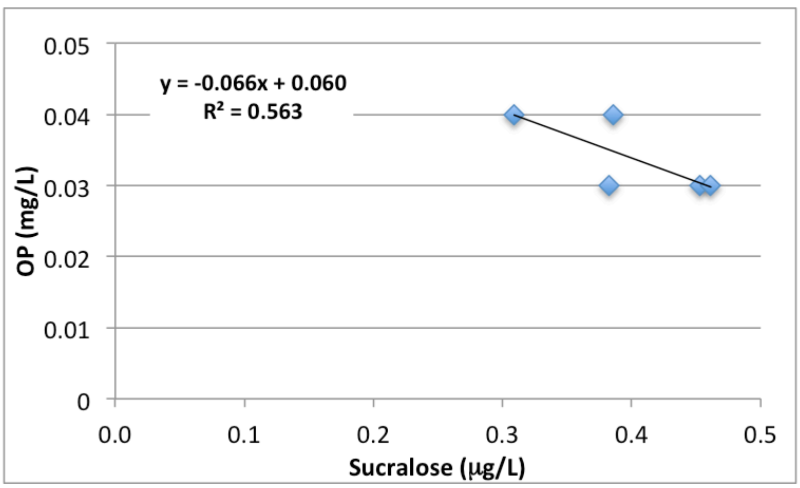

Figure 10. Concentration of SUC versus OP. Linear trend and R^2 are shown.

Therefore, the main limitations of the method when quantifying sucralose were related to ionization variability at concentrations lower than 250 ng/L and the formation of only one product ion. Also, IS performance was not adequate because it was added at 100 ng/L. In order to obtain lower LCL, samples could be re-injected without 1/10 dilution. However, MEs, carryover and possible instrument contamination due to the presence of other analytes at very high concentrations should be assessed first. Another approach is a post-column infusion of a solution with NH_4^+ or TRIS buffer during the beginning of the run. Scheurer et al. (2009) recommended TRIS buffer as the modifier that gave the greater signal enhancement for artificial sweeteners ionization. The post-column infusion technique has the disadvantage that it requires an automated system, which is not available in relatively older LC-MS/MS instruments. In our study, the infusion with ammonium acetate gave higher intensities for SUC, but the majority of the analytes performed better when formic acid was used. Multi-residue methods consists on extracting and analyzing compounds with very different physicochemical properties, hence, it is expected to observe different grades of performance for the various analytes.

4.4 Anacostia River analysis

Data collected during sampling is summarized in Table 10. As stated previously, time of sampling and coordinates are shown for each sampling site. Discharge rates obtained from the corresponding USGS monitoring stations were low and no significant rainfall events occurred close to the sampling date. Hence, the study was also done at base flow conditions. DO and pH measured were all adequate.

4.4.1 Nutrients levels and fate

Nutrients results were lower than the average previously observed for the month of August during the years 2008 to 2011 at the USGS station 01649190, 01649500 and 01651000 (USGS, 2013) (see Figure 4 for USGS station locations and Table 11 for results). Nitrate was the highest at Paper Mill Rd (1.06 mg/L as N) situated near the outlet of Indian Creek and the lowest at Research Rd (0.28 mg/L as N) situated near the outlet of Beaverdam Creek. Even though Research Rd presented the lowest nitrate, TKN was the highest measured (2.3 mg/L as N). TKN is a measurement of organic nitrogen and ammonia, which could be related to WWTP discharge into the waterway. BARC East Side WWTP is located down river, but very close to Research Rd location, which may explain the high TKN level observed. North Drive Bridge, situated near the outlet of Little Paint Branch, was the following site on nitrate concentration importance with 0.74 mg/L as N. Replicates were taken for this site and even though the nitrate presented good precision, TKN was not reproducible, pointing to an analytical or sampling error. The nitrate levels found for these 3 sites were expected to be the highest because they are part of BARC where research on agriculture is done and fertilizers and herbicides are applied.

Only Research Rd presented OP higher than RL (0.04 mg/L as P). The difference on OP levels could be related to the fact that Research Rd presents a higher percentage of agricultural activities or due to the presence of BARC-East Side WWTP. Moreover, Berwyn Rd site was selected to sample after Indian and Beaverdam Creek combines; this site had the highest OP level measured of 0.12 mg/L as P and nitrate level was also high (0.92 mg/L as N). This observation is reasonable as Berwyn Rd was influenced by BARC-East Side WWTP located just below Research Rd. Another possibility that could explain the spike on OP may be a localized sewer leakage. In order to evaluate Little Paint Branch and Paint Branch subwatersheds combined, UMD site was selected; nitrate level was 0.59 mg/L as N and OP was still under RL, hence there were no significant nutrient inputs from the University of Maryland and BARC-West Side WWTP. Anacostia River Park and Greenbelt National Park, presented low nitrate concentration and OP lower than RL. These subwatersheds present a higher percentage of forest and no significant agriculture. These riparian forested areas may reduce the amount of nitrate due to plant uptake and denitrification. All the previously named sites sampled combined into the Northeast Branch, where a sample was collected at Riverdale Rd. West subwatersheds were also sampled at Sligo Creek and then at Skateboard, which combines the Northwest Branch and Sligo Creek flow. For these sites the nitrate and OP concentrations were in between the mainly forested and mainly agricultural areas. Sligo Creek is a mainly urban subwatershed, it has no agricultural activities and forested areas are lower than 10 percent. Hence, it could be considered a good marker for urban nutrient inputs. The last sampled point was the National Arboretum a location after all subwatersheds combined. The levels observed in this location were lower than the rest possibly due to dilution.

Considering the land use in the Anacostia watershed (see Table 2), the relationship between nitrate and percentage of agricultural land was evaluated and a very weak negative liner relationship was observed ($R^2 = 0.360$). However, if Research Rd is removed no relationship is observed. In the case of OP, its relationship with residential and industrial land use was evaluated and a relatively strong negative linear relationship was observed ($R^2 = 0.669$). However, only 3 sites presented information on OP and land use simultaneously, hence this relationship needs to be re-assessed in future studies.

Table 10. Water quality data, coordinates and discharge rates for Anacostia River watershed by location sampled.

Site ID	Date (mm/dd/yy)	Time (hh:mm) EST/EDT	Stage Gauge (ft)	Water temp. (°C)	Conductivity (mS/cm)	Total Dissolved Solids (g/L)	DO (%)	DO (mg/L)	pH	Coordinates		Discharge (ft^3/s)
										Latitude	Longitude	
North Drive Bridge	8/5/13	10:02 AM	None	19.86	0.38	0.270	107.0	9.75	8.07	39° 1' 44.10"N	76°55'46.91"W	
Research Rd	8/5/13	10:38 AM	None	20.95	0.18	0.123	63.0	5.58	7.65	39° 1' 25.64"N	76°52'41.83"W	
Powder Mill Rd	8/5/13	11:11 AM	None	20.79	0.37	0.262	105.7	9.46	7.68	39° 2' 0.78"N	76°54'8.60"W	
Berwyn Rd	8/5/13	12:44 PM	None	22.72	0.29	0.194	75.3	6.42	8.01	38°59'36.26"N	76°55'10.91"W	
UMD	8/5/13	12:20 PM	None	22.97	0.32	0.216	97.2	8.35	8.36	38°59'25.19"N	76°56'6.51"W	
Greenbelt Park	8/5/13	5:07 PM	None	22.22	0.335	0.230	93.5	8.14	8.07	38°58'51.40"N	76°53'48.84"W	
Arboretum	8/5/13	2:08 PM	None	26.24	0.326	0.207	58.3	4.71	7.54	38°54'47.33"N	76°57'14.89"W	
Skateboard Park	8/5/13	3:01 PM	None	25.90	0.387	0.247	143.7	11.67	7.93	38°56'44.04"N	76°56'50.35"W	1.17[§]
Sligo Creek	8/5/13	3:51 PM	None	24.37	0.508	0.337	110.9	9.34	8.63	38°58'15.38"N	76°58'48.36"W	1.2*
Anacostia Park	8/5/13	4:44 PM	None	22.12	0.283	0.195	63.5	5.52	7.95	38°58'16.25"N	76°54'57.93"W	
Riverdale Rd	8/5/13	4:08 PM	None	24.27	0.317	0.209	130.9	10.92	8.67	38°57'37.55"N	76°55'33.67"W	17[¶]

Note: [§]Discharge (ft^3/s) obtained from USGS station 1651000, *Discharge (ft^3/s) obtained from USGS station 1650800, [¶]Discharge (ft^3/s) obtained from USGS station 1649500. (USGS, 2013); DO – dissolved oxygen.

4.4.2 Herbicides and artificial sweeteners fate

Similarly to Choptank River analysis, QA/QC, IS and calibration curves were checked. Surrogates presented acceptable recoveries and RSDs, IS showed acceptable RSDs, with SUC presenting the highest (RSD = 19%). QA/QC had good repeatability and good accuracy for all analytes except SUC, which presented good precision (RSD = 2%) but was underestimated by 40 percent. Correction with the IS or changing the calibration by not forcing it through zero did not change the results. As SUC is highly stable, the bias observed could not be related to analyte degradation. A wrong addition of the standard was also not possible, as all the standards were in one mix and only SUC presented the bias. A problem in the injection volume is also not possible as the rest of the analytes showed good performance. Moreover, ME could not be assumed to cause the problem because the IS was not able to correct for it. The identity of this bias is not clear and needs to be further studied. Nonetheless, SUC results are still useful to evaluate trends. No interferences were found in the laboratory or travel blanks at levels higher than the LCL and no significant carryover was observed.

A summary of the results is shown in Table 11. ATZ and its metabolites were found in all the sites at concentrations lower than 50 ng/L (see Figure 11). In all cases, except Research Rd and Skateboard, ATZ had the highest concentration compared to its metabolites. Apart from crop usage of ATZ, it is also used in forestry and recreational turf. A USGS report on pesticides in groundwater in Anacostia River showed that ATZ was found at a maximum concentration of 106 ng/L in well water. Simazine was also found at 22 ng/L and CIAT, CEAT and OIET were also found and at lower concentrations than the parent herbicide. Well water was also analyzed for MET, which was present at a maximum concentration of 53 ng/L (Koterba et al., 2010). Therefore, the levels observed were reasonable and comparable to groundwater herbicide levels.

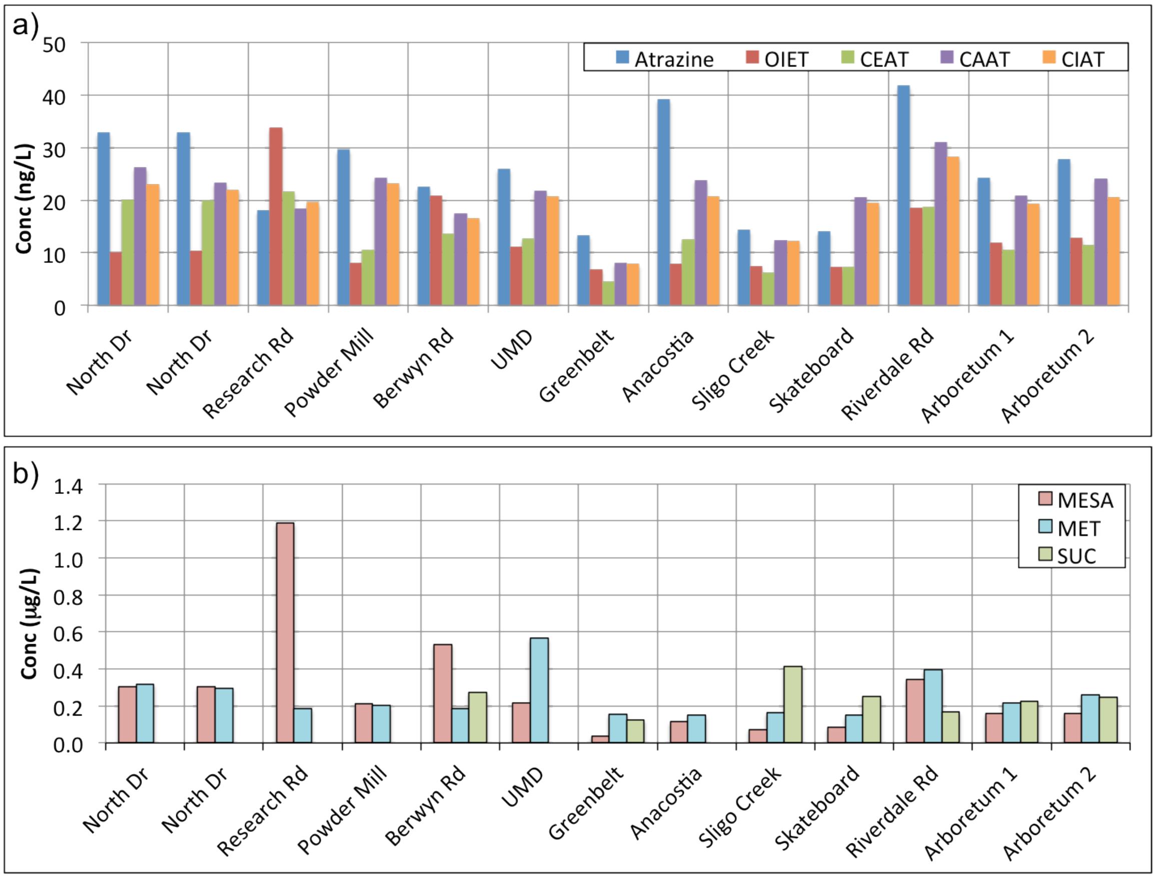

Figure 11. Concentrations (µg/L) found for a) ATZ and its metabolites and b) for MET, MESA and SUC by site sampled.

MET and MESA were present in all sites at levels higher than 70 ng/L (see Figure 11). MET levels were equal or higher than MESA, except for Research Rd and Berwyn Rd. Subwatersheds with agricultural activities would require a higher application of MET; hence, Research Rd, Powder Mill Rd, North Dr Bridge should show the highest MET and MESA concentrations, which was observed. Moreover, the high presence of

MET compared to MESA could also be related to the percentage of impervious surface. Beaverdam Creek subwatershed has almost no impervious surface and contains well-drained soils, therefore MESA formation would be more favorable than in areas such as Sligo Creek. UMD presents a significantly higher MET level (0.37 μg/L) compared to all other sites, which could be explained by the presence of a golf course located near the sampling site, as MET is used on turf grass. The fact that MESA was found at all locations sampled could be related to transport of MESA through the well-drained soils into the surficial aquifer, which is the major component of base flow in the river during the summer.

Considering the land use of the subwatersheds under study (see Table 2), MESA was found to present a strong positive linear correlation with agricultural land use (R^2 = 0.854, see Figure 12), and no significant relationship with residential areas. Moreover, MESA and forested land presented a weak positive linear correlation (R^2 = 0.349) that was considerably affected by Greenbelt National Park site, which presented a very low concentration of MESA. If this site is removed the correlation becomes strong (R^2 = 0.874). However, confounding with agricultural use could cause this apparent positive correlation, as most of the sites that are forested also presented agriculture, except for Greenbelt National Park, Sligo Creek and Riverdale. If the relationship between forest and agricultural land use is plotted a strong positive linear relationship (R^2 = 0.910) is found, hence the variables are collinear, which explains the confounding observed for MESA. The attempt to relate transport of nitrate and MESA was unsuccessful as only one site was located in the tidal region. In future experiments more sites in the tidal region should be selected. Also, it would be interesting to evaluate nitrate, MESA, SUC and

ACE content in groundwater. Koterba et al. (2010) has already reported the presence of MET in groundwater and the presence MESA would be expected as soils in the watershed are generally well-drained and would allow for the transport of MESA and nitrate to the surficial aquifer.

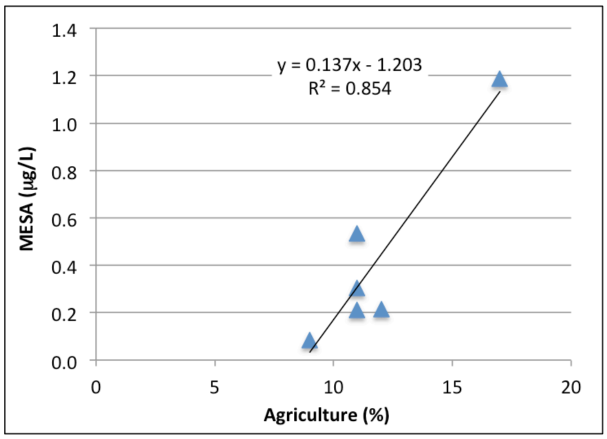

Figure 12. Concentration of MESA versus percentage of land used in agriculture. Linear trend and R^2 are shown.

The herbicides ALA and ACE were not identified but their ESA metabolites were found at levels lower than 0.2 µg/L in all samples. As previously observed for Choptank samples, 2,4-D was not identified in Sligo Creek, Riverdale Rd, UMD and Powder Mill Rd. The National Arboretum showed the highest 2,4-D concentration of 0.7 µg/L, followed by the Anacostia Park and Greenbelt National Park. Note that 2,4-D is an herbicide used in lawns, turf grass and forestry applications; hence its presence is not unexpected.

In the case of the artificial sweeteners, SAC was identified in all samples except for North Dr Bridge, Greenbelt National Park and Riverdale. In such an urban environment, SAC presence is expected as SAC is vastly consumed in the US. An interesting point of discussion was the positive identification of CYC in Anacostia Park, Greenbelt National Park and Skateboard; which should not happen as CYC has been banned for many years. CYC has only one ion ratio of 1%, and as the criteria for one ion ratio would accept all compounds with the correct *m/z* that present an ion ratio higher than zero and up to 11 percent, it could be identifying interferences. Note that the identification criteria were set to reduce false negative rate, but by doing so the false positive rate increases. Also, this observation supports the idea that three ion ratios, if available, increase the identification confidence, even though it requires more time for optimization and data treatment.

SUC was found in 6 out of 11 sites at levels higher than the LCL. The relationship between SUC and nitrate was evaluated and a weak positive linear correlation was observed (R^2 = 0.322), also when TN is considered the R^2 increases to 0.547. When attempting to evaluate the relationship of SUC with OP, only 4 sites had results for SUC and OP simultaneously, which plotted revealed no significant correlation (R^2 = 0.034). Nevertheless, OP and SUC could be related by associating how many sites presented OP and SUC at the same time and relate their presence with the site land use and population. OP was found in 6 sites from which 4 also had SUC, those 4 sites were Berwyn Rd, Sligo Creek, Riverdale and the National Arboretum. The site at Berwyn Rd was influenced by agriculture and wastewater or a sewage leak. Conversely, Sligo Creek was an urban area with no significant agriculture. Riverdale Rd presented the combined influences of agricultural, forested and urban land.

As OP and SUC presented no clear trend, the normalization of SUC by population (P) of each watershed was done and OP versus SUC/P was plotted. As shown in Figure 13 a strong positive linear correlation (R^2 = 0.852, see Figure 13a) was observed. This is logical, as the amount of SUC present in wastewater will be related to the amount of population that produce the waste. Hence it was observed that the higher the amount of SUC per person found the higher the amount the OP detected. When evaluating the relationship between SUC and residential and industrial land use a positive linear correlation (R^2 = 0.479, see Figure 13b) was observed. Note that as stated before more sampling is necessary to better evaluate this relationship as in this study only 3 points presented OP, SUC and land use data. Additionally, SUC correlated negatively with the percentage of forested area (R^2 = 0.672, see Figure 13c), but as forested area and residential and industrial areas also present collinearity, confounding could cause the observation.

Ultimately, SUC was found mainly in residential sites and related to OP when normalized by population on the subwatershed under study. Further sampling and considering season variations, would be needed to strength the assessment of SUC as a tracer of anthropogenic contamination of surface water. However, initial trends have been observed supporting the hypothesis that SUC could be used as a tracer of wastewater.

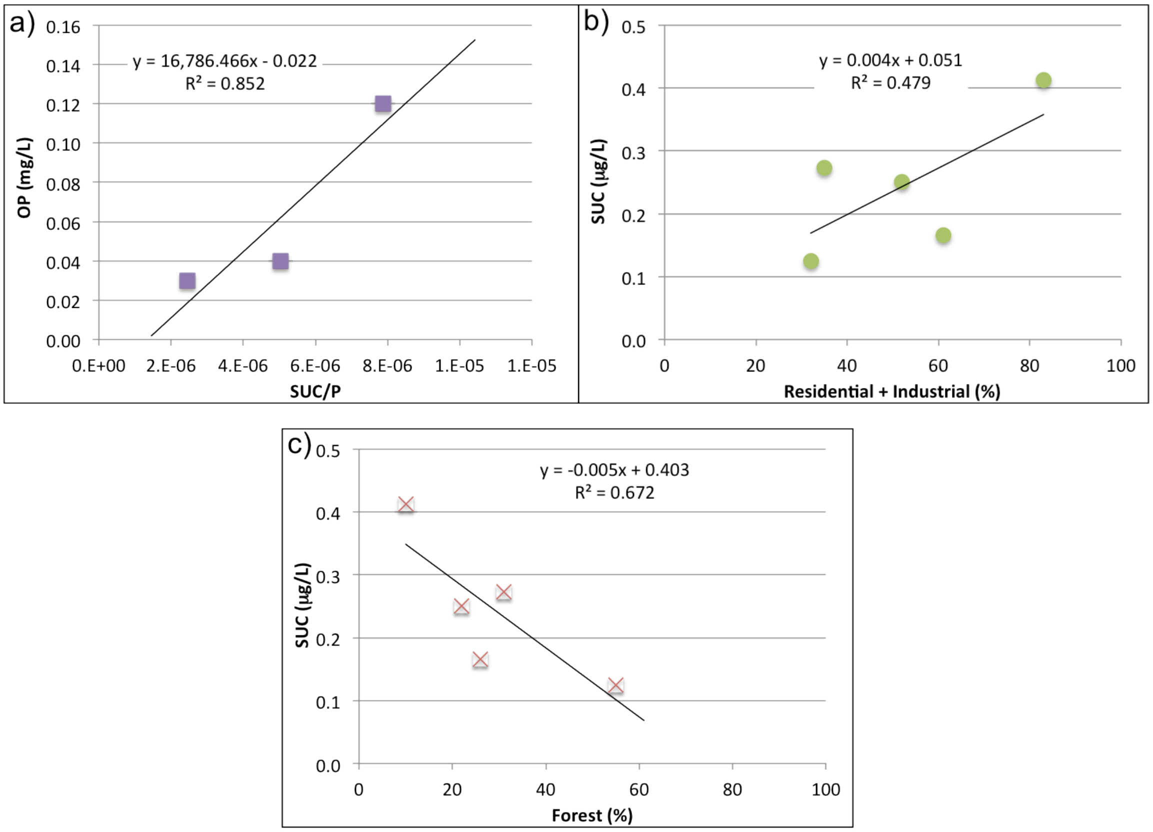

Figure 13. Relationship of: a) OP concentration versus SUC concentration normalized by population in each subwatershed; b) SUC concentration versus residential and industrial land use; c) SUC concentration versus forested land percentage.

Table 11. Quantified nutrients, herbicides, herbicides metabolites and sucralose in Anacostia River surface water by location sampled.

Analyte	*Rt (min)*	*LCL (ng/L)*	*Organic compounds concentrations found (ng/L)*						
			Greenbelt Park	*Anacostia Park*	*Sligo Creek*	*Skateboard*	*Riverdale Rd*	*Arboretum 1*	*Arboretum 2*
OIET	2.14	5	7	8	7	7	18	12	13
Sucralose	2.24	100	125	< LCL	412	250	166	225	247
CEAT	2.27	5	5	13	6	7	19	11	11
CAAT	2.80	5	8	24	12	21	31	21	24
CIAT	2.81	0.5	8	21	12	20	28	19	21
Alachlor ESA + Acetochlor ESA	4.99	20	17	51	14	38	105	56	55
Metolachlor ESA	5.27	5	38	113	73	85	341	159	159
Atrazine	5.41	5	13	39	14	14	42	24	28
2.4-D	6.16	10	352	435	23*	177	54*	708	710
Metolachlor OH	7.28	1	< LCL	1.0	< LCL	< LCL	2.0	1.3	1.5
Acetochlor	9.23	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Alachlor	9.24	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Metolachlor	9.29	50	156	149	163	148	394	218	260
		RL (mg/L)	*Nutrient concentrations found*						
Kjeldahl Nitrogen (mg/L as N)		0.4	< RL	1	0.6	0.5	0.6	0.6	0.8
Nitrate & Nitrite (mg/L as N)		0.05	0.33	0.32	0.71	0.55	0.51	0.33	0.32
Ortho Phosphorus (mg/L as P)		0.01	< RL	0.02	0.04	< RL	0.03	0.02	0.02
Total Phosphorus (mg/L as P)		0.05	< RL	< RL	0.06	< RL	0.05	0.06	0.07

Note: Rt – retention times, LCL – lowest calibration limit, RL – reporting limit, * Not identified

Table 11. Quantified nutrients, herbicides, herbicides metabolites and sucralose in Anacostia River surface water by location sampled. (Continued)

Analyte	*Rt (min)*	*LCL (ng/L)*	*Organic compounds concentrations found (ng/L)*					
			North Dr Bridge 1	*North Dr Bridge 2*	*Research Rd*	*Powder Mill Rd*	*Berwyn Rd*	*UMD*
OIET	2.14	5	10	10	34	8	21	11
Sucralose	2.24	100	< LCL	< LCL	< LCL	< LCL	273	< LCL
CEAT	2.27	5	20	20	22	11	14	13
CAAT	2.80	5	26	23	18	24	17	22
CIAT	2.81	0.5	23	22	20	23	17	21
Alachlor ESA + Acetochlor ESA	4.99	20	123	126	134	179	148	64
Metolachlor ESA	5.27	5	304	303	1188	213	533	214
Atrazine	5.41	5	33	33	18	30	23	26
2.4-D	6.16	10	< LCL	< LCL	114	56*	30	21*
Metolachlor OH	7.28	1	< LCL	< LCL	2.2	< LCL	1.9	1.1
Acetochlor	9.23	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Alachlor	9.24	50	< LCL	< LCL	< LCL	< LCL	< LCL	< LCL
Metolachlor	9.29	50	318	296	187	203	186	566
		RL (mg/L)	*Nutrient concentrations found*					
Kjeldahl Nitrogen (mg/L as N)		0.4	**0.6**	**1.9**	2.3	1.1	0.4	0.8
Nitrate & Nitrite (mg/L as N)		0.05	0.74	0.73	0.28	1.06	0.92	0.59
Ortho Phosphorus (mg/L as P)		0.01	< RL	< RL	0.04	< RL	0.12	< RL
Total Phosphorus (mg/L as P)		0.05	< RL	< RL	0.07	< RL	0.11	< RL

Note: Rt – retention times, LCL – lowest calibration limit, RL – reporting limit, * Not identified

4.5. Estimation of daily loads and comparison with TMDLs

Daily loads were estimated for TN and TP as a theoretical exercise for those sites where flow rate was available. The equation used for calculation is shown in the Appendix A.4; note that the main assumptions done were that the flow rate would not present a significant variability during the day, the TN and TP measured were representative of the average daily concentration and were constant along the river column at the specified location. As shown in Table 12 all sites in either Anacostia or Choptank River were under their respective TMDLs.

Table 12. Daily loads estimated for the watersheds with discharge flow available (m^3/s).

CHOPTANK RIVER

Site ID	Discharge (m^3/s)	TN (kg/d)	TP (kg/d)
Cordova	2.2	1162	32
German Branch	2.2	387	27
Tuckahoe 1	2.2	1156	23
Tuckahoe 2	2.2	1165	23
Greensboro 1	3.8	-	46
Greensboro 2	3.8	-	30
Beaver Dam	2.2	683	25
Long Marsh	2.2	315	28
TMDL (kg/d)#		1792	193

ANACOSTIA RIVER

Site ID	Discharge (m^3/s)	TN (kg/d)	TP (kg/d)
Skateboard Park	0.033	3	-
Sligo Creek	0.034	4	0.2
Riverdale Rd	0.5	46	2.1
TMDL (kg/d)*		191	19

Note: # TMDLs obtained from US EPA (2013a). * local TMDLs were obtained from Miller et al. (2013).

It is important to notice that TMDLs are carefully estimated by determining allocations for point and non-point sources and adding a margin of safety for which various models are used in order to account for strong weather events and seasonal variations (US EPA, 2010a). Therefore, the results obtained were expected as the study was done during the summer period and under base flow conditions.

When TMDLs are developed the determination of sources type and its relative importance in nutrient loadings is assessed using land use information, satellite observations, known point-source locations, possible natural presence and several watershed loading models (US EPA, 1999). Defining unique tracers that differentiate between agricultural (non-point sources) and anthropogenic (point sources) loadings could be of significant assistance for TMDLs determination. Allocations and regulation are generally more easily done and applied at point sources where influent and effluent nutrients concentrations and flows are well known. Nevertheless, other point sources such as unexpected septic systems leakage could be missed. The use of a tracer such as SUC or ACE could be helpful to determine other unexpected anthropogenic sources. Moreover, the magnitude of non-point sources such as agriculture or atmospheric deposition is difficult to quantify; e.g. groundwater transports nitrate that could come from crop plantations and/or septic tanks or sewer leakage into the river, simultaneous measurement of tracers and nitrate could help to assess the nitrate source(s) and determine which source contributes more to the nitrate enrichment. In this way nutrient load allocations will be better justified, allowing for a fair enforcement and the improvement of restoration efforts at the sources that needs it the most.

Chapter 5: Conclusions

A previously developed extraction method for herbicide metabolites was successfully extended to analyze for herbicide, herbicide metabolites and artificial sweeteners by LC-MS/MS. The analytical method developed was able to identify 16 and quantify 14 out of the 17 analytes under study, in 13 minutes run time. Quantification was possible for all herbicides and sucralose, but not for other artificial sweeteners. The addition of identification capabilities increased the confidence of the results and helped assess analytes that could not be quantified. The developed method will allow for the analysis of previously extracted and stored samples from Choptank River in a retrospective study. Recommendations for method improvement were stated during the discussion and the infusion of TRIS buffer will be considered when archive sample are analyzed. Moreover, matrix effects assessment allowed for a better understanding of the results obtained in natural samples and to recognize whether isotopically labeled internal standards were needed.

Choptank River results obtained were comparable to previous studies. Hence, the extended method proved to be effective and could substitute the two methods that were previously used for the analysis of river samples. Nutrients and herbicides followed previously described trends, except for the lack of biological degradation observed for nitrate. Sucralose was determined only in urbanized areas; however, its high LCL and variable ionization limited the evaluation of trends and comparisons with nutrient levels. MESA as expected showed to be a good tracer for agricultural nitrate loadings.

Anacostia River results were very interesting; to the best of my knowledge this is the first study that analyzed nutrients, herbicides and sucralose simultaneously in surface water, covering all the major subwatersheds. Nitrate and ortho phosphorus were lower than average at the USGS stations for the month of August. No trends were observed for nitrate and MESA. The results obtained for sucralose seemed promising even though the data collected was limited. In the case of ortho phosphorus a preliminary linear trend was observed when considering sucralose consumption per capita, but more sampling is needed in order to better support this observation. Overall, MESA was found at higher levels in agricultural areas and sucralose was found only in urbanized areas. This work provides proof of concept that sucralose and MESA could be used as tracers of urban and agricultural nutrient loadings.

Regarding other analytes under study, metolachlor findings in Anacostia River watershed were of concern, as the levels found were comparable to Choptank River, though Anacostia watershed is not a highly agricultural area. Hence, better management practices and education are necessary for metolachlor application by the general public to lawns and grass turf in recreational areas.

The author recommends that in future works a new sampling site located in Northwest Branch, before its combination with Sligo Creek, could be added as this subwatershed has 9 percent of land used for agriculture, but contrary to Beaverdam it does not present any WWTP that discharge into the river. Also, the final method should be improved in order to include acesulfame because this compound is generally found at higher levels than sucralose and is more stable in groundwater. The addition of groundwater sampling would allow for a more comprehensive view of the nutrients fate in the watersheds. Moreover, sampling during storm events would be very interesting to better study possible relationships between runoff of pollutants and land use, and to evaluate the behavior of the WWTPs at the USDA in Beltsville and their impact on water quality.

Appendices

APPENDIX A – Equations and calculations

A.1 Recovery percentage:

$$\%\ \boldsymbol{Recovery} = \left(\frac{\boldsymbol{Conc\ estimated - Conc\ added}}{\boldsymbol{Conc\ added}}\right) \times \mathbf{100}$$

A.2 Ion ratios:

$$\%\ \boldsymbol{Ion\ ratio} = \left(\frac{\boldsymbol{Area\ of\ Qual\ ion}}{\boldsymbol{Area\ of\ Quant\ ion}}\right) \times \mathbf{100}$$

Identification criteria:

1) R_t falls inside $(Rt\ standard \pm\ 0.1)\ min$
2) 2 transitions available: ion ratio falls inside $(ion\ ratio\ standard\ \pm\ 10\%)$
3) 3 transitions available: ion ratio falls inside $(ion\ ratio\ standard\ \pm\ 20\%)$

As shown in the following appendices if the analyte falls inside the criteria the cell will show a number 1. Conversely, when the criteria are not met a 0 will appear. Carry over and interferences should also be checked.

A.3 Matrix Effects:

$$\%\ \boldsymbol{ME} = \left(\frac{\boldsymbol{slope\ MM - slope\ SO}}{\boldsymbol{slope\ SO}}\right) \times \mathbf{100}$$

MM – matrix matched, SO – solvent only

A.4 Nutrient loads:

$$\boldsymbol{Load}\ \left(\frac{\boldsymbol{kg}}{\boldsymbol{d}}\right) = \frac{\boldsymbol{Conc\ TP\ or\ TN}\ \left(\frac{\boldsymbol{mg}}{\boldsymbol{L}}\right) \times \boldsymbol{Flow}\ \left(\frac{\boldsymbol{m^3}}{\boldsymbol{s}}\right) \times \mathbf{86400}\ \left(\frac{\boldsymbol{s}}{\boldsymbol{d}}\right)}{\mathbf{1 \times 10^6}\ \left(\frac{\boldsymbol{mg}}{\boldsymbol{Kg}}\right) \times \mathbf{0.001}\ \left(\frac{\boldsymbol{m^3}}{\boldsymbol{L}}\right)}$$

APPENDIX B – Recovery test raw data

Quantify Compound Summary Report
Printed Mon Oct 21 14:09:34 2013
Compound 1: CAAT

Compound 1: CAAT

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							0		
2	2013OCT20_RO	Blank					7.976	0		
3	2013OCT20_Blk_1	Blank						0		
4	2013OCT20_Blk_2	Blank						0		
5	2013OCT20_0-01_Std	Standard	0.01					0	0.01	
6	2013OCT20_0-05_Std	Standard	0.05					0	0.05	
7	2013OCT20_0-1_Std	Standard	0.1			45.576		0	0.10	
8	2013OCT20_0-5_Std	Standard	0.5	2.8	1258.228	1199.623	672.946	1	0.50	29%
9	2013OCT20_1_Std	Standard	1	2.8	2262.06	1835.016	745.286	1	1.00	16%
10	2013OCT20_5_Std	Standard	5	2.8	13016.637	10103.697	6896.179	1	5	33%
11	2013OCT20_10_Std	Standard	10	2.8	24177.07	18928.414	13083.33	1	10	24%
12	2013OCT20_25_Std	Standard	25	2.8	59734.621	47366.344	30596.385	1	25	22%
13	2013OCT20_50_Std	Standard	50	2.8	108978.461	86704.016	59483.414	1	50	12%
14	2013OCT20_100_Std	Standard	100	2.8	206410.047	166655.563	109063.266	1	100	6%
15	2013OCT20_200_Stds	Standard	200	2.8	380945.625	316710.406	208743.313	1	200	-3%
16	2013OCT20_SolvA_3			2.81	297.349	39.822	189.452	0		
17	2013OCT20_Surrogate						76.566	0		
18	2013OCT20_SolvA_4					67.932	221.393	0		
19	2013OCT20_SolvA_5					6.898		0		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	2.8	119666	96744.133	64575.59	1	**Low-Spk1**	**119%**
21	2013OCT20_Lo_2	Recovery	50	2.81	94626.695	76465.164	51026.531	1	**Low-Spk2**	**93%**
22	2013OCT20_Lo_3	Recovery	50	2.8	112090.602	91909.891	59345.551	1	**Low-Spk3**	**111%**
23	2013OCT20_Lo_4	Recovery	50	2.8	114921.273	94113.039	62514.672	1	**Low-Spk4**	**114%**
24	2013OCT20_Lo_5	Recovery	50	2.8	101253.258	83244.359	53009.203	1	**Low-Spk5**	**100%**
25	2013OCT20_SolvA_6					54.866	2.647	0		
26	2013OCT20_SolvA_7					17.552		0		
27	2013OCT20_Mid_1	Recovery	100	2.8	205103.609	167792.703	112619.992	1	**Mid-Spk1**	**104%**
28	2013OCT20_Mid_2	Recovery	100	2.8	228606.328	188004.328	124912.375	1	**Mid-Spk2**	**117%**
29	2013OCT20_Mid_3	Recovery	100	2.8	219529.609	183427.625	120279.375	1	**Mid-Spk3**	**112%**
30	2013OCT20_Mid_4	Recovery	100	2.81	211683.688	177614.906	115212.219	1	**Mid-Spk4**	**108%**
31	2013OCT20_Mid_5	Recovery	100	2.81	208852.188	173721.672	114611.141	1	**Mid-Spk5**	**106%**
32	2013OCT20_SolvA_8					21.394		0		
33	2013OCT20_SolvA_9					124.523		0		
34	2013OCT20_Std Dil 200_1			2.8	272602.125	230098.25	151622.375	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10					135.319		0		

36	2013OCT20_Dil_Hi_1	Recovery	100	2.8	285925.656	234011.375	159088.797	1	**Hi-Dil-Spk1**	**105%**
37	2013OCT20_Dil_Hi_2	Recovery	100	2.8	290359.75	242261.078	161071.063	1	**Hi-Dil-Spk2**	**107%**
38	2013OCT20_Dil_Hi_3	Recovery	100	2.8	293984.094	243651.734	159788.813	1	**Hi-Dil-Spk3**	**108%**
39	2013OCT20_Dil_Hi_4	Recovery	100	2.8	309332.906	257327.203	168681.875	1	**Hi-Dil-Spk4**	**114%**
40	2013OCT20_Dil_Hi_5	Recovery	100	2.8	333996.625	274530.25	183202.141	1	**Hi-Dil-Spk5**	**123%**
41	2013OCT20_SolvA_11					15.866		0		
42	2013OCT20_Std Dil 200_2			2.8	275637.438	226878.203	151444.234	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12					119.761	55.983	0		
44	2013OCT20_Hi_1	Recovery	200	2.8	389104.938	325976	216856.672	1	**Hi-Spk1**	**100%**
45	2013OCT20_Hi_2	Recovery	200	2.8	394432.281	329592.063	222818.859	1	**Hi-Spk2**	**102%**
46	2013OCT20_Hi_3	Recovery	200	2.81	395871.438	331984.969	217604.172	1	**Hi-Spk3**	**102%**
47	2013OCT20_Hi_4	Recovery	200	2.8	407442.188	344944.906	228877.047	1	**Hi-Spk4**	**105%**
48	2013OCT20_Hi_5	Recovery	200	2.8	454533.406	372436.313	250546.594	1	**Hi-Spk5**	**117%**
49	2013OCT20_SolvA_13							0		
50	2013OCT20_SolvA_14							0		
51	2013OCT20_0-01_Std_2	Standard	0.01					0		
52	2013OCT20_0-05_Std_2	Standard	0.05					0		
53	2013OCT20_0-1_Std_2	Standard	0.1	2.81	585.77	332.903	153.601	0		
54	2013OCT20_0-5_Std_2	Standard	0.5	2.81	1185.524	1065.666	732.184	1		
55	2013OCT20_1_Std_2	Standard	1	2.8	1989.696	1645.446	975.7	1		
56	2013OCT20_5_Std_2	Standard	5	2.8	13537.404	10898.75	7379.012	1		
57	2013OCT20_10_Std_2	Standard	10	2.81	24124.383	19791.512	13220.268	1		
58	2013OCT20_25_Std_2	Standard	25	2.8	59380.137	48922.34	31755.867	1		
59	2013OCT20_50_Std_2	Standard	50	2.8	103704.438	84635.398	56616.828	1		
60	2013OCT20_100_Std_2	Standard	100	2.8	201336.641	165784.969	110487.328	1		
61	2013OCT20_200_Std_2	Standard	200	2.8	375376.5	310194.375	206465.484	1		
62	2013OCT20_SolvA_15							0		
63	2013OCT20_Surrogate_2							0		
64	2013OCT20_SolvA_16							0		

Compound 2: CEAT

Compound 2: CEAT

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							0		
2	2013OCT20_RO	Blank						0		
3	2013OCT20_Blk_1	Blank						0		
4	2013OCT20_Blk_2	Blank						0		
5	2013OCT20_0-01_Std	Standard	0.01					0	0.01	
6	2013OCT20_0-05_Std	Standard	0.05	2.27	415.948	288.159		0	0.05	
7	2013OCT20_0-1_Std	Standard	0.1	2.27	783.495	977.3		0	0.10	
8	2013OCT20_0-5_Std	Standard	0.5	2.27	3172.609	4093.334	4117.87	1	0.50	-2%
9	2013OCT20_1_Std	Standard	1	2.27	7066.682	8217.298	10083.586	1	1.00	9%
10	2013OCT20_5_Std	Standard	5	2.27	38501.289	41801.289	51135.555	1	5	18%
11	2013OCT20_10_Std	Standard	10	2.27	75157.578	79005.523	98707.969	1	10	15%
12	2013OCT20_25_Std	Standard	25	2.27	184398.266	193083.141	241247.594	1	25	13%
13	2013OCT20_50_Std	Standard	50	2.27	353342.969	359302.969	443901.75	1	50	9%
14	2013OCT20_100_Std	Standard	100	2.27	672305.875	693774.563	854653.938	1	100	3%

15	2013OCT20_200_Stds	Standard	200	2.27	1280402.875	1340838.5	1664210.75	1	200	-2%
16	2013OCT20_SolvA_3					79.021	341.964	0		
17	2013OCT20_Surrogate						89.709	0		
18	2013OCT20_SolvA_4						397.311	0		
19	2013OCT20_SolvA_5					68.308	329.526	0		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	2.27	389348.063	391261.781	494563.906	1	**Low-Spk1**	**117%**
21	2013OCT20_Lo_2	Recovery	50	2.27	312626.844	323419.625	395297.313	1	**Low-Spk2**	**93%**
22	2013OCT20_Lo_3	Recovery	50	2.27	353612.875	355322.719	445947.688	1	**Low-Spk3**	**106%**
23	2013OCT20_Lo_4	Recovery	50	2.27	371739.406	378923.25	468915.969	1	**Low-Spk4**	**112%**
24	2013OCT20_Lo_5	Recovery	50	2.27	326706.938	330432.969	405236.938	1	**Low-Spk5**	**98%**
25	2013OCT20_SolvA_6						631.341	0		
26	2013OCT20_SolvA_7						442.059	0		
27	2013OCT20_Mid_1	Recovery	100	2.27	688387.188	698957.625	858849.188	1	**Mid-Spk1**	**105%**
28	2013OCT20_Mid_2	Recovery	100	2.27	771417.188	786523.125	971656.688	1	**Mid-Spk2**	**118%**
29	2013OCT20_Mid_3	Recovery	100	2.27	724581.938	741948.188	919239.875	1	**Mid-Spk3**	**111%**
30	2013OCT20_Mid_4	Recovery	100	2.27	700286.5	705506.875	890112.063	1	**Mid-Spk4**	**107%**
31	2013OCT20_Mid_5	Recovery	100	2.27	702370.75	719883.375	888406.625	1	**Mid-Spk5**	**108%**
32	2013OCT20_SolvA_8					248.929	51.959	0		
33	2013OCT20_SolvA_9					98.889	636.495	0		
34	2013OCT20_Std Dil 200_1			2.27	863870.438	890767.313	1090265.875	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10					110.365	606.261	0		
36	2013OCT20_Dil_Hi_1	Recovery	100	2.27	892507.875	940061.875	1152075.5	1	**Hi-Dil-Spk1**	**103%**
37	2013OCT20_Dil_Hi_2	Recovery	100	2.27	911045.688	968415.813	1166124.5	1	**Hi-Dil-Spk2**	**106%**
38	2013OCT20_Dil_Hi_3	Recovery	100	2.27	914504.438	966411	1157969.875	1	**Hi-Dil-Spk3**	**106%**
39	2013OCT20_Dil_Hi_4	Recovery	100	2.27	975007.625	1016709.438	1228555.75	1	**Hi-Dil-Spk4**	**113%**
40	2013OCT20_Dil_Hi_5	Recovery	100	2.27	1049443.25	1123380.375	1362598.625	1	**Hi-Dil-Spk5**	**122%**
41	2013OCT20_SolvA_11					746.247	237.411	0		
42	2013OCT20_Std Dil 200_2			2.27	874455	903508.563	1093108.75	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12					97.253	277.281	0		
44	2013OCT20_Hi_1	Recovery	200	2.27	1405790.5	1458119.625	1791898.125	1	**Hi-Spk1**	**109%**
45	2013OCT20_Hi_2	Recovery	200	2.27	1399396.875	1451796.375	1747705.625	1	**Hi-Spk2**	**108%**
46	2013OCT20_Hi_3	Recovery	200	2.27	1396335.5	1447514.5	1808063.75	1	**Hi-Spk3**	**108%**
47	2013OCT20_Hi_4	Recovery	200	2.27	1488477.5	1537366.75	1910745.125	1	**Hi-Spk4**	**115%**
48	2013OCT20_Hi_5	Recovery	200	2.27	1606128.625	1664021.5	2050174.625	1	**Hi-Spk5**	**124%**
49	2013OCT20_SolvA_13					1441.216	1045.293	0		
50	2013OCT20_SolvA_14						395.324	0		
51	2013OCT20_0-01_Std_2	Standard	0.01				230.623	0		
52	2013OCT20_0-05_Std_2	Standard	0.05	2.28	583.969	420.059		0		
53	2013OCT20_0-1_Std_2	Standard	0.1	2.27	792.733	487.627		0		
54	2013OCT20_0-5_Std_2	Standard	0.5	2.27	3570.871	3865.621	5819.084	1		
55	2013OCT20_1_Std_2	Standard	1	2.27	7266.933	7183.409	8854.171	1		
56	2013OCT20_5_Std_2	Standard	5	2.27	40080.723	41788.316	49634.91	1		
57	2013OCT20_10_Std_2	Standard	10	2.27	75684.57	81840.563	96552.172	1		
58	2013OCT20_25_Std_2	Standard	25	2.27	188794.484	199185.391	250625.922	1		
59	2013OCT20_50_Std_2	Standard	50	2.27	343328.406	363094.688	444769.656	1		
60	2013OCT20_100_Std_2	Standard	100	2.27	694518.938	712060.188	891550.75	1		

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area			
61	2013OCT20_200_Std_2	Standard	200	2.27	1330697.75	1359474.625	1703041.5	1		
62	2013OCT20_SolvA_15					195.483	384.417	0		
63	2013OCT20_Surrogate_2						130.945	0		
64	2013OCT20_SolvA_16					183.919	12.803	0		

Compound 3: CIAT

Compound 3: CIAT

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 Ident'd?	Conc (ng/g)	%diff
1	2013OCT20_SolvA_2					85.631	15.497	#DIV/0!		
2	2013OCT20_RO	Blank					1029.752	#DIV/0!		
3	2013OCT20_Blk_1	Blank		2.81	2463.316	1964.605	9243.589	1		
4	2013OCT20_Blk_2	Blank		2.81	1258.965	1124.885	5805.205	1		
5	2013OCT20_0-01_Std	Standard	0.01			195.824	1338.714	0		
6	2013OCT20_0-05_Std	Standard	0.05	2.8	1168.122	1056.462	4685.404	1	0.05	12%
7	2013OCT20_0-1_Std	Standard	0.1	2.8	3689.747	2546.417	13178.251	1	0.10	77%
8	2013OCT20_0-5_Std	Standard	0.5	2.8	12292.964	11401.799	53151.461	1	0.50	18%
9	2013OCT20_1_Std	Standard	1	2.81	23619.771	20844.785	100445.07	1	1.00	13%
10	2013OCT20_5_Std	Standard	5	2.81	146623.719	125769.68	558098.563	1	5	41%
11	2013OCT20_10_Std	Standard	10	2.81	280421	242700.469	1070687.375	1	10	35%
12	2013OCT20_25_Std	Standard	25	2.81	646204.688	555985.438	2501321.75	1	25	24%
13	2013OCT20_50_Std	Standard	50	2.81	1186433.75	1031127.813	4627194	1	50	14%
14	2013OCT20_100_Std	Standard	100	2.8	2185845	1915146.625	7787849	1	100	5%
15	2013OCT20_200_Stds	Standard	200	2.8	4052984	3594802.5	10582010	1	200	-3%
16	2013OCT20_SolvA_3			2.81	275.155	363.115	2112.156	1		
17	2013OCT20_Surrogate					146.059	511.7	0		
18	2013OCT20_SolvA_4			2.8	111.957		299.33	0		
19	2013OCT20_SolvA_5					220.35	253.999	0		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	2.81	1287274.125	1131657.875	5043359.5	1	**Low-Spk1**	**121%**
21	2013OCT20_Lo_2	Recovery	50	2.81	997580.25	863581.688	3788629.5	1	**Low-Spk2**	**92%**
22	2013OCT20_Lo_3	Recovery	50	2.81	1208021.5	1059032.875	4698365.5	1	**Low-Spk3**	**113%**
23	2013OCT20_Lo_4	Recovery	50	2.81	1251938.375	1099486.125	4883571	1	**Low-Spk4**	**117%**
24	2013OCT20_Lo_5	Recovery	50	2.81	1113198.5	975221.5	4303801	1	**Low-Spk5**	**104%**
25	2013OCT20_SolvA_6						834.754	0		
26	2013OCT20_SolvA_7			2.79	511.109	169.113	997.904	0		
27	2013OCT20_Mid_1	Recovery	100	2.81	2258754.25	1990316.125	7752882	1	**Mid-Spk1**	**108%**
28	2013OCT20_Mid_2	Recovery	100	2.81	2470544.75	2205434.25	8147580.5	1	**Mid-Spk2**	**118%**
29	2013OCT20_Mid_3	Recovery	100	2.81	2311234.5	2058838	7918762.5	1	**Mid-Spk3**	**111%**
30	2013OCT20_Mid_4	Recovery	100	2.81	2241418.75	1979973.375	7725296	1	**Mid-Spk4**	**107%**
31	2013OCT20_Mid_5	Recovery	100	2.81	2275064.5	2024494	7890510.5	1	**Mid-Spk5**	**109%**
32	2013OCT20_SolvA_8			2.81	435.881	168.284	2107.568	1		
33	2013OCT20_SolvA_9			2.83	242.451	145.893	1365.393	0		
34	2013OCT20_Std Dil 200_1			2.81	3127388.5	2770348	9360774	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10			2.81	490.721	325.188	1816.922	1		
36	2013OCT20_Dil_Hi_1	Recovery	100	2.81	3258795.5	2914638	9428854	1	**Hi-Dil-Spk1**	**104%**
37	2013OCT20_Dil_Hi_2	Recovery	100	2.81	3317454.5	2963927.5	9452466	1	**Hi-Dil-Spk2**	**106%**
38	2013OCT20_Dil_Hi_3	Recovery	100	2.81	3302634.75	2954490.25	9385968	1	**Hi-Dil-Spk3**	**106%**
39	2013OCT20_Dil_Hi_4	Recovery	100	2.81	3489434.5	3115916.5	9675330	1	**Hi-Dil-Spk4**	**112%**

40	2013OCT20_Dil_Hi_5	Recovery	100	2.81	3800662	3394636.25	9991555	1	**Hi-Dil-Spk5**	**122%**
41	2013OCT20_SolvA_11			2.79	405.228	523.414	2010.658	1		
42	2013OCT20_Std Dil 200_2			2.81	3149322	2810184.75	9242747	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12					43.362	192.841	0		
44	2013OCT20_Hi_1	Recovery	200	2.81	4221547	3761716.5	10322884	1	**Hi-Spk1**	**102%**
45	2013OCT20_Hi_2	Recovery	200	2.81	4344650	3855550.5	10617671	1	**Hi-Spk2**	**105%**
46	2013OCT20_Hi_3	Recovery	200	2.81	4262171	3853692	10546113	1	**Hi-Spk3**	**103%**
47	2013OCT20_Hi_4	Recovery	200	2.81	4409088	3959446	10478779	1	**Hi-Spk4**	**107%**
48	2013OCT20_Hi_5	Recovery	200	2.81	4908160	4370887.5	10798885	1	**Hi-Spk5**	**119%**
49	2013OCT20_SolvA_13			2.81	922.317	948.466	2620.002	1		
50	2013OCT20_SolvA_14			2.83	591.174	380	349.587	0		
51	2013OCT20_0-01_Std_2	Standard	0.01			288.86	1167.527	0		
52	2013OCT20_0-05_Std_2	Standard	0.05	2.82	1209.195	1287.684	4957.394	1		
53	2013OCT20_0-1_Std_2	Standard	0.1	2.8	3376.089	2552.232	13293.232	1		
54	2013OCT20_0-5_Std_2	Standard	0.5	2.81	13797.839	11408.416	50351.43	1		
55	2013OCT20_1_Std_2	Standard	1	2.81	24755.975	21565.498	93485.344	1		
56	2013OCT20_5_Std_2	Standard	5	2.81	146288	123704.133	541080.188	1		
57	2013OCT20_10_Std_2	Standard	10	2.81	274016.688	235844.766	1028407.063	1		
58	2013OCT20_25_Std_2	Standard	25	2.81	654372.188	578205.188	2482768.75	1		
59	2013OCT20_50_Std_2	Standard	50	2.81	1162715.625	1024756.438	4438171.5	1		
60	2013OCT20_100_Std_2	Standard	100	2.8	2219679.75	1960627.75	7827258	1		
61	2013OCT20_200_Std_2	Standard	200	2.81	4134005.25	3687232.25	10467846	1		
62	2013OCT20_SolvA_15					59.453	753.194	#DIV/0!		
63	2013OCT20_Surrogate_2			2.8	286.439	162.316	536.471	0		
64	2013OCT20_SolvA_16					276.326	1501.76	#DIV/0!		

Compound 4: OIET

Compound 4: OIET

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2			2.11	1003.646	1454.886	2132.5	0		
2	2013OCT20_RO	Blank		2.15	601.476	728.998	800.043	0		
3	2013OCT20_Blk_1	Blank				427.861	1109.476	0		
4	2013OCT20_Blk_2	Blank		2.14	441.323	675.587	1346.151	1		
5	2013OCT20_0-01_Std	Standard	0.01	2.14	1045.999	2347.157	2641.3	1	0.01	269%
6	2013OCT20_0-05_Std	Standard	0.05	2.13	2215.703	4221.731	5772.011	1	0.05	56%
7	2013OCT20_0-1_Std	Standard	0.1	2.14	4115.08	8048.595	12189.408	1	0.10	45%
8	2013OCT20_0-5_Std	Standard	0.5	2.13	18085.811	31942.469	48282.395	1	0.50	28%
9	2013OCT20_1_Std	Standard	1	2.14	36379.918	62490.438	93589.305	1	1.00	28%
10	2013OCT20_5_Std	Standard	5	2.14	107443.781	190032.938	276279.906	1	5	-24%
11	2013OCT20_10_Std	Standard	10	2.14	199816.297	360751.281	519755.25	1	10	-29%
12	2013OCT20_25_Std	Standard	25	2.14	526782.688	942878.438	1408137.75	1	25	-26%
13	2013OCT20_50_Std	Standard	50	2.14	1412124.75	2506919.25	3671745.25	1	50	0%
14	2013OCT20_100_Std	Standard	100	2.13	2888709.5	5069080	6544256.5	1	100	2%
15	2013OCT20_200_Stds	Standard	200	2.14	5665272	7809984	8467760	1	200	0%
16	2013OCT20_SolvA_3			2.14	598.154	1372.323	2009.964	1		
17	2013OCT20_Surrogate			2.14	470.432	725.056	1179.782	1		
18	2013OCT20_SolvA_4					234.001	319.084	0		

19	2013OCT20_SolvA_5			2.13	779.068		534.259	#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	2.14	1741426.25	3103699.25	4542380.5	1	**Low-Spk1**	**124%**
21	2013OCT20_Lo_2	Recovery	50	2.14	1622958.625	2901804	4219265	1	**Low-Spk2**	**116%**
22	2013OCT20_Lo_3	Recovery	50	2.14	1599225.375	2859715.25	4182931.75	1	**Low-Spk3**	**114%**
23	2013OCT20_Lo_4	Recovery	50	2.14	1673461.75	3019717.5	4353575.5	1	**Low-Spk4**	**119%**
24	2013OCT20_Lo_5	Recovery	50	2.14	1191895.75	2108508.75	3077275.75	1	**Low-Spk5**	**86%**
25	2013OCT20_SolvA_6			2.14	287.949	591.964	847.54	1		
26	2013OCT20_SolvA_7					424.822	924.867	0		
27	2013OCT20_Mid_1	Recovery	100	2.14	2963414.25	5202250.5	6487812	1	**Mid-Spk1**	**105%**
28	2013OCT20_Mid_2	Recovery	100	2.14	3448847.5	5758025.5	7056416	1	**Mid-Spk2**	**122%**
29	2013OCT20_Mid_3	Recovery	100	2.14	3033985.5	5284930.5	6611572.5	1	**Mid-Spk3**	**107%**
30	2013OCT20_Mid_4	Recovery	100	2.14	3308349	5572236	6859055.5	1	**Mid-Spk4**	**117%**
31	2013OCT20_Mid_5	Recovery	100	2.14	3068511.5	5246790.5	6576795	1	**Mid-Spk5**	**109%**
32	2013OCT20_SolvA_8			2.14	422.127	1681.124	1683.97	0		
33	2013OCT20_SolvA_9					733.492	1367.03	0		
34	2013OCT20_Std Dil 200_1			2.14	3625631.75	5877988	7294635.5	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10					936.25	2376.348	0		
36	2013OCT20_Dil_Hi_1	Recovery	100	2.14	3676405	5979876.5	7345524	1	**Hi-Dil-Spk1**	**101%**
37	2013OCT20_Dil_Hi_2	Recovery	100	2.14	3519430.75	5743852	7274539	1	**Hi-Dil-Spk2**	**97%**
38	2013OCT20_Dil_Hi_3	Recovery	100	2.14	3973051.75	6264636	7577615	1	**Hi-Dil-Spk3**	**110%**
39	2013OCT20_Dil_Hi_4	Recovery	100	2.14	4092383.25	6457460	7704681.5	1	**Hi-Dil-Spk4**	**113%**
40	2013OCT20_Dil_Hi_5	Recovery	100	2.14	4302242.5	6616354	7847378.5	1	**Hi-Dil-Spk5**	**119%**
41	2013OCT20_SolvA_11			2.14	1068.524	855.574	3287.978	0		
42	2013OCT20_Std Dil 200_2			2.14	3587845.25	5915772	7300940	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12			2.14	885.323	1864.909	2480.21	1		
44	2013OCT20_Hi_1	Recovery	200	2.14	5762103	7806691.5	8561290	1	**Hi-Spk1**	**101%**
45	2013OCT20_Hi_2	Recovery	200	2.14	5577947	7640868.5	8462045	1	**Hi-Spk2**	**98%**
46	2013OCT20_Hi_3	Recovery	200	2.14	6022559	8042607.5	8702580	1	**Hi-Spk3**	**106%**
47	2013OCT20_Hi_4	Recovery	200	2.14	6245686.5	8069078	8811420	0	**Hi-Spk4**	**110%**
48	2013OCT20_Hi_5	Recovery	200	2.14	6300963	8169991	8893430	0	**Hi-Spk5**	**111%**
49	2013OCT20_SolvA_13			2.12	1481.051	2332.011	4993.162	0		
50	2013OCT20_SolvA_14			2.13	1295.845	1707.394	2981.911	1		
51	2013OCT20_0-01_Std_2	Standard	0.01	2.13	964.765	2293.904	2943.622	1		
52	2013OCT20_0-05_Std_2	Standard	0.05	2.13	2192.072	4825.955	6570.065	1		
53	2013OCT20_0-1_Std_2	Standard	0.1	2.13	4567.367	8339.729	12234.82	1		
54	2013OCT20_0-5_Std_2	Standard	0.5	2.13	18869.23	32180.588	45523.133	1		
55	2013OCT20_1_Std_2	Standard	1	2.14	35852.313	63940.613	93328.266	1		
56	2013OCT20_5_Std_2	Standard	5	2.13	107744	188201.281	277274.813	1		
57	2013OCT20_10_Std_2	Standard	10	2.13	203906.375	355507.188	521402	1		
58	2013OCT20_25_Std_2	Standard	25	2.13	543297.813	975553.875	1383454.125	1		
59	2013OCT20_50_Std_2	Standard	50	2.13	1407242.125	2471949.75	3642615.75	1		
60	2013OCT20_100_Std_2	Standard	100	2.13	2948018.25	5170458	6538136	1		
61	2013OCT20_200_Std_2	Standard	200	2.14	5702328.5	7728742.5	8492683	1		
62	2013OCT20_SolvA_15			2.14	1163.382	1579.843	3200.378	1		
63	2013OCT20_Surrogate_2			2.13	467.464	2390.7	1581.656	0		
64	2013OCT20_SolvA_16					566.548	1094.708	0		

Compound 5: Atrazine

Compound 5: Atrazine

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 Ident'd?	Conc (ng/g)	%diff
1	2013OCT20_SolvA_2						137.176	#DIV/0!		
2	2013OCT20_RO	Blank		5.41	882.031	1331.144	3924.588	1		
3	2013OCT20_Blk_1	Blank		5.42	8431.158	9378.713	29153.504	1		
4	2013OCT20_Blk_2	Blank		5.41	5559.839	5680.042	17733.59	1		
5	2013OCT20_0-01_Std	Standard	0.01	5.41	1630.961	2083.22	5551.66	1	0.01	208%
6	2013OCT20_0-05_Std	Standard	0.05	5.41	4026.463	5233.563	12826.558	1	0.05	52%
7	2013OCT20_0-1_Std	Standard	0.1	5.41	6781.475	9683.013	26484.848	1	0.10	28%
8	2013OCT20_0-5_Std	Standard	0.5	5.41	30834.508	40060.609	110107.594	1	0.50	17%
9	2013OCT20_1_Std	Standard	1	5.41	62820.531	78837.867	230984.297	1	1.00	19%
10	2013OCT20_5_Std	Standard	5	5.41	311491.094	387509.719	1088920.625	1	5	18%
11	2013OCT20_10_Std	Standard	10	5.41	607146	751324.625	2122048	1	10	15%
12	2013OCT20_25_Std	Standard	25	5.41	1523138.375	1879446.75	5330925.5	1	25	15%
13	2013OCT20_50_Std	Standard	50	5.41	2905205	3576907	9870623	1	50	10%
14	2013OCT20_100_Std	Standard	100	5.41	5558347	6835383.5	13438513	1	100	5%
15	2013OCT20_200_Stds	Standard	200	5.41	10342082	11682553	15936867	0	200	-2%
16	2013OCT20_SolvA_3					473.654	2348.669	0		
17	2013OCT20_Surrogate			5.41	3326.807	4354.109	12498.012	1		
18	2013OCT20_SolvA_4					114.526	717.033	0		
19	2013OCT20_SolvA_5			5.43	182.279	254.795	516.49	1		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	5.41	3068328.25	3775764.75	10293343	1	**Low-Spk1**	**114%**
21	2013OCT20_Lo_2	Recovery	50	5.41	2741919.25	3387418.25	9393866	1	**Low-Spk2**	**102%**
22	2013OCT20_Lo_3	Recovery	50	5.41	2682157.25	3270923.75	9387948	1	**Low-Spk3**	**100%**
23	2013OCT20_Lo_4	Recovery	50	5.41	2872147	3497926	9793223	1	**Low-Spk4**	**107%**
24	2013OCT20_Lo_5	Recovery	50	5.41	2405866.5	2950294.75	8367722	1	**Low-Spk5**	**89%**
25	2013OCT20_SolvA_6					295.064	869.447	0		
26	2013OCT20_SolvA_7					410.99	929.762	0		
27	2013OCT20_Mid_1	Recovery	100	5.41	5189540.5	6459893	13150176	1	**Mid-Spk1**	**98%**
28	2013OCT20_Mid_2	Recovery	100	5.41	6201140.5	7607733	13910524	1	**Mid-Spk2**	**117%**
29	2013OCT20_Mid_3	Recovery	100	5.41	5547153.5	6765988.5	13452804	1	**Mid-Spk3**	**105%**
30	2013OCT20_Mid_4	Recovery	100	5.42	5185106	6346703.5	13075441	1	**Mid-Spk4**	**98%**
31	2013OCT20_Mid_5	Recovery	100	5.42	5537213	6813969.5	13321073	1	**Mid-Spk5**	**104%**
32	2013OCT20_SolvA_8					1133.621	2457.117	0		
33	2013OCT20_SolvA_9			5.43	265.44	470.301	1422.874	1		
34	2013OCT20_Std Dil 200_1			5.42	5395992.5	6626809	13220740	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10			5.4	338.278	660.603	1625.692	1		
36	2013OCT20_Dil_Hi_1	Recovery	100	5.41	5976505.5	7264668	13811186	1	**Hi-Dil-Spk1**	**111%**
37	2013OCT20_Dil_Hi_2	Recovery	100	5.41	5718677	6996378.5	13619189	1	**Hi-Dil-Spk2**	**106%**
38	2013OCT20_Dil_Hi_3	Recovery	100	5.41	5704524	6999661	13640972	1	**Hi-Dil-Spk3**	**106%**
39	2013OCT20_Dil_Hi_4	Recovery	100	5.41	6158776	7545298	14025984	1	**Hi-Dil-Spk4**	**114%**
40	2013OCT20_Dil_Hi_5	Recovery	100	5.41	6607240.5	8107558	14222654	1	**Hi-Dil-Spk5**	**123%**
41	2013OCT20_SolvA_11			5.41	470.579	494.968	2519.204	1		
42	2013OCT20_Std Dil 200_2			5.41	5461313	6669786	13379517	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12					158.518	1047.46	0		

44	2013OCT20_Hi_1	Recovery	200	5.41	11007814	12250565	16225548	0	**Hi-Spk1**	**105%**
45	2013OCT20_Hi_2	Recovery	200	5.41	10607407	11990993	16085897	0	**Hi-Spk2**	**101%**
46	2013OCT20_Hi_3	Recovery	200	5.42	10735590	12013531	16044252	0	**Hi-Spk3**	**102%**
47	2013OCT20_Hi_4	Recovery	200	5.42	11304528	12515838	16314415	0	**Hi-Spk4**	**107%**
48	2013OCT20_Hi_5	Recovery	200	5.41	11701008	12730231	16585168	0	**Hi-Spk5**	**111%**
49	2013OCT20_SolvA_13			5.42	1005.207	1398.989	4222.919	1		
50	2013OCT20_SolvA_14			5.41	587.874	556.119	2758.19	0		
51	2013OCT20_0-01_Std_2	Standard	0.01	5.41	1583.457	2208.13	6103.768	1		
52	2013OCT20_0-05_Std_2	Standard	0.05	5.41	3997.715	5121.472	15191.853	1		
53	2013OCT20_0-1_Std_2	Standard	0.1	5.41	8354.903	9315.196	27922.66	1		
54	2013OCT20_0-5_Std_2	Standard	0.5	5.41	32229.559	41362.465	115150.641	1		
55	2013OCT20_1_Std_2	Standard	1	5.41	63199.305	76661.625	224546.188	1		
56	2013OCT20_5_Std_2	Standard	5	5.42	321805.594	393444.438	1119716	1		
57	2013OCT20_10_Std_2	Standard	10	5.42	634136.938	762374.563	2151005.5	1		
58	2013OCT20_25_Std_2	Standard	25	5.42	1575063.25	1945583.75	5463805	1		
59	2013OCT20_50_Std_2	Standard	50	5.41	2879749.5	3584411.75	9969751	1		
60	2013OCT20_100_Std_2	Standard	100	5.41	5651105	6866274	13598170	1		
61	2013OCT20_200_Std_2	Standard	200	5.41	10390557	11785430	16039990	0		
62	2013OCT20_SolvA_15			5.41	599.042	845.129	2566.329	1		
63	2013OCT20_Surrogate_2			5.41	3576.969	5417.428	14509.438	1		
64	2013OCT20_SolvA_16			5.43	793.53	647.135	1482.623	0		

Compound 6: Atrazine-d5

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**yes=1,no=0** **Ident'd?**	**Pk Area**	
1	2013OCT20_SolvA_2					133.704	71.203	#DIV/0!	0	
2	2013OCT20_RO	Blank		5.36	14071236	7146364	4641555	1	14071236	
3	2013OCT20_Blk_1	Blank		5.36	13879354	6767667.5	4495014.5	1	13879354	
4	2013OCT20_Blk_2	Blank		5.35	13534627	6496595.5	4236962	1	13534627	
5	2013OCT20_0-01_Std	Standard	0.01	5.35	14072183	7070105	4589707	1	14072183	
6	2013OCT20_0-05_Std	Standard	0.05	5.35	14131258	7002664.5	4577172.5	1	14131258	
7	2013OCT20_0-1_Std	Standard	0.1	5.35	14583250	7714185.5	5082353.5	1	14583250	
8	2013OCT20_0-5_Std	Standard	0.5	5.34	14241397	7500766	4823868	1	14241397	
9	2013OCT20_1_Std	Standard	1	5.35	14303683	7484290.5	4839317.5	1	14303683	
10	2013OCT20_5_Std	Standard	5	5.35	14263220	7407167.5	4847702.5	1	14263220	
11	2013OCT20_10_Std	Standard	10	5.35	14131824	7326345.5	4718546.5	1	14131824	
12	2013OCT20_25_Std	Standard	25	5.35	14278298	7215078	4703758	1	14278298	
13	2013OCT20_50_Std	Standard	50	5.35	14277573	7360074	4836788.5	1	14277573	
14	2013OCT20_100_Std	Standard	100	5.35	14025659	6772134.5	4368550.5	1	14025659	
15	2013OCT20_200_Stds	Standard	200	5.35	14008474	6977603	4486499.5	1	14008474	
16	2013OCT20_SolvA_3			5.33	2427.425	1633.848	249.645	0	2427	
17	2013OCT20_Surrogate			5.35	1819.292	507.589	79.383	0	1819	
18	2013OCT20_SolvA_4			5.31	2058.259	253.629	14.23	0	2058	
19	2013OCT20_SolvA_5			5.32	3302.94	585.992	276.204	0	3303	
20	2013OCT20_Lo_1	Recovery	50	5.35	14159938	7168700.5	4617954.5	1	14159938	**%Recovery**
21	2013OCT20_Lo_2	Recovery	50	5.35	13771277	6585943	4217298	1	13771277	
22	2013OCT20_Lo_3	Recovery	50	5.35	13746499	6540419	4247333	1	13746499	

23	2013OCT20_Lo_4	Recovery	50	5.35	13895516	6851258	4429300	1	13895516
24	2013OCT20_Lo_5	Recovery	50	5.35	13121657	5894725	3797636.75	1	13121657
25	2013OCT20_SolvA_6			5.33	1177.31	1208.495	584.287	1	1177
26	2013OCT20_SolvA_7			5.33	2392.927	504.95	25.374	0	2393
27	2013OCT20_Mid_1	Recovery	100	5.35	13564549	6335991	4074852.5	1	13564549
28	2013OCT20_Mid_2	Recovery	100	5.35	14351932	7452341.5	4844231.5	1	14351932
29	2013OCT20_Mid_3	Recovery	100	5.35	13857040	6695475	4352510.5	1	13857040
30	2013OCT20_Mid_4	Recovery	100	5.35	13475064	6227883.5	3973247.5	1	13475064
31	2013OCT20_Mid_5	Recovery	100	5.36	13852868	6509840.5	4155707.75	1	13852868
32	2013OCT20_SolvA_8			5.34	2842.249	2107.054	39.411	0	2842
33	2013OCT20_SolvA_9			5.34	2787.8	1647.837	830.941	1	2788
34	2013OCT20_Std Dil 200_1			5.35	10823842	3682411.25	2336150.25	1	10823842
35	2013OCT20_SolvA_10			5.34	3141.005	245.956	785.478	0	3141
36	2013OCT20_Dil_Hi_1	Recovery	100	5.35	10973655	3768213	2399267.5	1	10973655
37	2013OCT20_Dil_Hi_2	Recovery	100	5.35	10583289	3556855	2323762.75	1	10583289
38	2013OCT20_Dil_Hi_3	Recovery	100	5.35	10671455	3555547	2317192.25	1	10671455
39	2013OCT20_Dil_Hi_4	Recovery	100	5.35	11234583	3943307.75	2527363.25	1	11234583
40	2013OCT20_Dil_Hi_5	Recovery	100	5.35	11414676	4145388.75	2672847.25	1	11414676
41	2013OCT20_SolvA_11			5.34	3098.507	283.922	336.887	0	3099
42	2013OCT20_Std Dil 200_2			5.35	10865143	3711892.25	2396754.75	1	10865143
43	2013OCT20_SolvA_12			5.34	2687.328	376.66	884.114	0	2687
44	2013OCT20_Hi_1	Recovery	200	5.35	13920966	6930955.5	4430370.5	1	13920966
45	2013OCT20_Hi_2	Recovery	200	5.35	13701190	6613948	4170300.5	1	13701190
46	2013OCT20_Hi_3	Recovery	200	5.35	13822219	6632227	4265019	1	13822219
47	2013OCT20_Hi_4	Recovery	200	5.35	14109764	7245787	4643282.5	1	14109764
48	2013OCT20_Hi_5	Recovery	200	5.35	14270829	7507981.5	4834356.5	1	14270829
49	2013OCT20_SolvA_13			5.34	2740.4	649.046	442.655	1	2740
50	2013OCT20_SolvA_14			5.33	2702.861	107.78	407.886	0	2703
51	2013OCT20_0-01_Std_2	Standard	0.01	5.35	14047174	7113910.5	4619000	1	14047174
52	2013OCT20_0-05_Std_2	Standard	0.05	5.35	14135714	7070868.5	4596215	1	14135714
53	2013OCT20_0-1_Std_2	Standard	0.1	5.35	14550500	7847149.5	5015668.5	1	14550500
54	2013OCT20_0-5_Std_2	Standard	0.5	5.35	14308094	7382597	4794828.5	1	14308094
55	2013OCT20_1_Std_2	Standard	1	5.35	14380443	7475775	4806116	1	14380443
56	2013OCT20_5_Std_2	Standard	5	5.36	14459125	7474981	4823033	1	14459125
57	2013OCT20_10_Std_2	Standard	10	5.36	14430314	7316822.5	4680483.5	1	14430314
58	2013OCT20_25_Std_2	Standard	25	5.36	14464568	7238143.5	4747982	1	14464568
59	2013OCT20_50_Std_2	Standard	50	5.35	14375085	7328730.5	4719812	1	14375085
60	2013OCT20_100_Std_2	Standard	100	5.35	14011984	6751985.5	4423659.5	1	14011984
61	2013OCT20_200_Std_2	Standard	200	5.35	14048414	6913252.5	4493552	1	14048414
62	2013OCT20_SolvA_15			5.34	2293.411	87.045	589.764	0	2293
63	2013OCT20_Surrogate_2			5.31	1139.889	373.229	58.664	0	1140
64	2013OCT20_SolvA_16			5.34	1924.598	73.768	90.058	0	1925

Compound 7: Terbuthylazine

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	**Pk Area**
1	2013OCT20_SolvA_2						76.264	#DIV/0!	0

2	2013OCT20_RO	Blank					150.119	#DIV/0!	0
3	2013OCT20_Blk_1	Blank		8.05	5378929.5	4339581.5		#DIV/0!	5378930
4	2013OCT20_Blk_2	Blank		8.04	5186315	4179073.75		#DIV/0!	5186315
5	2013OCT20_0-01_Std	Standard	0.01			293.216	92.907	#DIV/0!	0
6	2013OCT20_0-05_Std	Standard	0.05			131.546	100.639	#DIV/0!	0
7	2013OCT20_0-1_Std	Standard	0.1			175.643	135.578	#DIV/0!	0
8	2013OCT20_0-5_Std	Standard	0.5			198.876	71.551	#DIV/0!	0
9	2013OCT20_1_Std	Standard	1			146.672	180.039	#DIV/0!	0
10	2013OCT20_5_Std	Standard	5			60.163	189.869	#DIV/0!	0
11	2013OCT20_10_Std	Standard	10			206.706	197.238	#DIV/0!	0
12	2013OCT20_25_Std	Standard	25			136.189	54.132	#DIV/0!	0
13	2013OCT20_50_Std	Standard	50			121.93	89.668	#DIV/0!	0
14	2013OCT20_100_Std	Standard	100			195.562	12.844	#DIV/0!	0
15	2013OCT20_200_Stds	Standard	200			236.974	91.276	#DIV/0!	0
16	2013OCT20_SolvA_3					60.127	139.357	#DIV/0!	0
17	2013OCT20_Surrogate			8.04	5256130.5	4181704.5		#DIV/0!	5256131
18	2013OCT20_SolvA_4					340.589	107.315	#DIV/0!	0
19	2013OCT20_SolvA_5					275.959	129.431	#DIV/0!	0
20	2013OCT20_Lo_1	Recovery	50	8.04	5358896.5	4295857		#DIV/0!	5358897
21	2013OCT20_Lo_2	Recovery	50	8.04	5050968	4046150.25		#DIV/0!	5050968
22	2013OCT20_Lo_3	Recovery	50	8.04	4923552	3937702.5		#DIV/0!	4923552
23	2013OCT20_Lo_4	Recovery	50	8.04	5158885	4141747		#DIV/0!	5158885
24	2013OCT20_Lo_5	Recovery	50	8.04	4369149.5	3527381		#DIV/0!	4369150
25	2013OCT20_SolvA_6					222.731	72.111	#DIV/0!	0
26	2013OCT20_SolvA_7					189.085	167.959	#DIV/0!	0
27	2013OCT20_Mid_1	Recovery	100	8.04	4734681	3804680.5		#DIV/0!	4734681
28	2013OCT20_Mid_2	Recovery	100	8.04	5790431.5	4641998.5		#DIV/0!	5790432
29	2013OCT20_Mid_3	Recovery	100	8.04	4766470.5	3844249.75		#DIV/0!	4766471
30	2013OCT20_Mid_4	Recovery	100	8.05	4240226.5	3399249.5		#DIV/0!	4240227
31	2013OCT20_Mid_5	Recovery	100	8.05	4970085	3984099.75		#DIV/0!	4970085
32	2013OCT20_SolvA_8					271.458	198.868	#DIV/0!	0
33	2013OCT20_SolvA_9					168.327	270.337	#DIV/0!	0
34	2013OCT20_Std Dil 200_1					144.717	111.983	#DIV/0!	0
35	2013OCT20_SolvA_10					139.501	43.224	#DIV/0!	0
36	2013OCT20_Dil_Hi_1	Recovery	100	8.04	2854739.5	2283367.25		#DIV/0!	2854740
37	2013OCT20_Dil_Hi_2	Recovery	100	8.05	2870475	2291496		#DIV/0!	2870475
38	2013OCT20_Dil_Hi_3	Recovery	100	8.04	2724351.25	2180393		#DIV/0!	2724351
39	2013OCT20_Dil_Hi_4	Recovery	100	8.04	2950024.25	2357484.25		#DIV/0!	2950024
40	2013OCT20_Dil_Hi_5	Recovery	100	8.04	3208019.75	2538594.75		#DIV/0!	3208020
41	2013OCT20_SolvA_11					311.768	647.709	#DIV/0!	0
42	2013OCT20_Std Dil 200_2					223.203	91.293	#DIV/0!	0
43	2013OCT20_SolvA_12					303.104	92.526	#DIV/0!	0
44	2013OCT20_Hi_1	Recovery	200	8.04	5531316	4435204		#DIV/0!	5531316
45	2013OCT20_Hi_2	Recovery	200	8.04	5593917.5	4435921		#DIV/0!	5593918
46	2013OCT20_Hi_3	Recovery	200	8.04	5272749	4192317.75		#DIV/0!	5272749
47	2013OCT20_Hi_4	Recovery	200	8.04	5725226	4577333.5		#DIV/0!	5725226

48	2013OCT20_Hi_5	Recovery	200	8.04	6063934.5	4851210		#DIV/0!	6063935
49	2013OCT20_SolvA_13					988.661	542.906	#DIV/0!	0
50	2013OCT20_SolvA_14					238.894	380.262	#DIV/0!	0
51	2013OCT20_0-01_Std_2	Standard	0.01			298.366	351.723	#DIV/0!	0
52	2013OCT20_0-05_Std_2	Standard	0.05			175.887	135.93	#DIV/0!	0
53	2013OCT20_0-1_Std_2	Standard	0.1			219.392	106.605	#DIV/0!	0
54	2013OCT20_0-5_Std_2	Standard	0.5			131.425	49.635	#DIV/0!	0
55	2013OCT20_1_Std_2	Standard	1			331.919	169.925	#DIV/0!	0
56	2013OCT20_5_Std_2	Standard	5			127.466	112.05	#DIV/0!	0
57	2013OCT20_10_Std_2	Standard	10			83.909	68.617	#DIV/0!	0
58	2013OCT20_25_Std_2	Standard	25			123.429	58.517	#DIV/0!	0
59	2013OCT20_50_Std_2	Standard	50			402.278	63.793	#DIV/0!	0
60	2013OCT20_100_Std_2	Standard	100			351.467	106.674	#DIV/0!	0
61	2013OCT20_200_Std_2	Standard	200			224.908	65.473	#DIV/0!	0
62	2013OCT20_SolvA_15					115.568	25.41	#DIV/0!	0
63	2013OCT20_Surrogate_2			8.04	5404533.5	4326248.5		#DIV/0!	5404534
64	2013OCT20_SolvA_16					142.708	179.588	#DIV/0!	0

Compound 8: Metolachlor OH

Compound 8: Metolachlor OH

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2						20.491	#DIV/0!		
2	2013OCT20_RO	Blank				98.593	392.576	#DIV/0!		
3	2013OCT20_Blk_1	Blank				176.368	3267.505	#DIV/0!		
4	2013OCT20_Blk_2	Blank				92.566	9.17	#DIV/0!		
5	2013OCT20_0-01_Std	Standard	0.01			98.737	1349.776	0		
6	2013OCT20_0-05_Std	Standard	0.05	7.26	3534.742	1628.284	18717.91	1	0.05	46%
7	2013OCT20_0-1_Std	Standard	0.1	7.27	5535.732	2654.427	34359.082	1	0.10	14%
8	2013OCT20_0-5_Std	Standard	0.5	7.27	23555.324	15689.161	152506.609	1	0.50	-3%
9	2013OCT20_1_Std	Standard	1	7.29	47883.551	30483.123	301541.063	1	1.00	-1%
10	2013OCT20_5_Std	Standard	5	7.28	224753.328	163899.938	1479781.5	1	5	-7%
11	2013OCT20_10_Std	Standard	10	7.28	475047.094	319200.875	2877092.75	1	10	-2%
12	2013OCT20_25_Std	Standard	25	7.28	1190010.125	797955.5	6940322	1	25	-2%
13	2013OCT20_50_Std	Standard	50	7.28	2456357	1645807	12673563	1	50	1%
14	2013OCT20_100_Std	Standard	100	7.27	4332309	2854919	17463598	1	100	-11%
15	2013OCT20_200_Stds	Standard	200	7.28	9974508	6572470	21772464	1	200	3%
16	2013OCT20_SolvA_3					203.818	603.329	#DIV/0!		
17	2013OCT20_Surrogate					19.108	649.666	#DIV/0!		
18	2013OCT20_SolvA_4					98.602	414.225	#DIV/0!		
19	2013OCT20_SolvA_5					232.555	1326.571	#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	7.28	2477908.25	1636078.625	12717733	1	**Low-Spk1**	**103%**
21	2013OCT20_Lo_2	Recovery	50	7.28	2189177	1456355	11696594	1	**Low-Spk2**	**91%**
22	2013OCT20_Lo_3	Recovery	50	7.28	2507306.5	1672209	12930750	1	**Low-Spk3**	**104%**
23	2013OCT20_Lo_4	Recovery	50	7.28	2243689.75	1482048.75	11904941	1	**Low-Spk4**	**93%**
24	2013OCT20_Lo_5	Recovery	50	7.28	2073453	1362792.125	11133877	1	**Low-Spk5**	**87%**
25	2013OCT20_SolvA_6					78.845	181.584	#DIV/0!		
26	2013OCT20_SolvA_7					72.049	1085.847	#DIV/0!		

27	2013OCT20_Mid_1	Recovery	100	7.28	4048251.25	2670316.5	16996724	1	**Mid-Spk1**	**84%**
28	2013OCT20_Mid_2	Recovery	100	7.28	4473572	2960790	17705974	1	**Mid-Spk2**	**92%**
29	2013OCT20_Mid_3	Recovery	100	7.28	4155123.25	2733697.75	17236404	1	**Mid-Spk3**	**86%**
30	2013OCT20_Mid_4	Recovery	100	7.29	3820838	2538617.75	16682273	1	**Mid-Spk4**	**79%**
31	2013OCT20_Mid_5	Recovery	100	7.29	4404856	2885695	17628344	1	**Mid-Spk5**	**91%**
32	2013OCT20_SolvA_8					125.229	1905.477	#DIV/0!		
33	2013OCT20_SolvA_9					315.158	1915.462	#DIV/0!		
34	2013OCT20_Std Dil 200_1			7.29	5368746.5	3531841		#DIV/0!	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10					123.808	241.245	#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	7.28	4288625	2827425	23.19	0	**Hi-Dil-Spk1**	**80%**
37	2013OCT20_Dil_Hi_2	Recovery	100	7.28	4216571.5	2780397.5	58.786	0	**Hi-Dil-Spk2**	**79%**
38	2013OCT20_Dil_Hi_3	Recovery	100	7.28	4173309	2738707.75	6.393	0	**Hi-Dil-Spk3**	**78%**
39	2013OCT20_Dil_Hi_4	Recovery	100	7.28	4460803.5	2919849.25	61.447	0	**Hi-Dil-Spk4**	**83%**
40	2013OCT20_Dil_Hi_5	Recovery	100	7.28	4915836	3221895.25	150.396	0	**Hi-Dil-Spk5**	**92%**
41	2013OCT20_SolvA_11					58.598	452.916	#DIV/0!		
42	2013OCT20_Std Dil 200_2			7.28	5316403	3521170.5	41.305	0	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12					149.244	1276.469	#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	7.28	7865633.5	5181233.5	2.632	0	**Hi-Spk1**	**81%**
45	2013OCT20_Hi_2	Recovery	200	7.28	7768065	5118977.5	21.529	0	**Hi-Spk2**	**80%**
46	2013OCT20_Hi_3	Recovery	200	7.28	7685784.5	5054268.5	3.382	0	**Hi-Spk3**	**79%**
47	2013OCT20_Hi_4	Recovery	200	7.28	8203581.5	5360160.5		#DIV/0!	**Hi-Spk4**	**84%**
48	2013OCT20_Hi_5	Recovery	200	7.28	8902056	5830678	51.116	0	**Hi-Spk5**	**91%**
49	2013OCT20_SolvA_13					274.926	617.945	#DIV/0!		
50	2013OCT20_SolvA_14					158.613	814.429	#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01			152.388	4119.321	#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05	7.28	2136.048	2168.46	20103.086	1		
53	2013OCT20_0-1_Std_2	Standard	0.1	7.28	5424.521	2766.392	38311.883	1		
54	2013OCT20_0-5_Std_2	Standard	0.5	7.27	24199.414	15659.106	166540.484	1		
55	2013OCT20_1_Std_2	Standard	1	7.28	48068.93	31513.955	327678.906	1		
56	2013OCT20_5_Std_2	Standard	5	7.28	241654.516	160923.359	1600783.5	1		
57	2013OCT20_10_Std_2	Standard	10	7.28	468019.25	313837.281	3013105	1		
58	2013OCT20_25_Std_2	Standard	25	7.29	1171755.875	783436.75	7297896	1		
59	2013OCT20_50_Std_2	Standard	50	7.28	2351521.75	1540262.25	12736419	1		
60	2013OCT20_100_Std_2	Standard	100	7.27	4148427	2720450.75	6.548	0		
61	2013OCT20_200_Std_2	Standard	200	7.27	9635134	6305855.5	84.299	0		
62	2013OCT20_SolvA_15					284.673	3142.151	#DIV/0!		
63	2013OCT20_Surrogate_2					322.677	907.516	#DIV/0!		
64	2013OCT20_SolvA_16					18.166	3197.177	#DIV/0!		
								#DIV/0!		

Compound 9: Alachlor

Compound 9: Alachlor

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**yes=1,no=0** **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							0		
2	2013OCT20_RO	Blank						0		
3	2013OCT20_Blk_1	Blank						0		
4	2013OCT20_Blk_2	Blank						0		

5	2013OCT20_0-01_Std	Standard	0.01			1014.121	0		
6	2013OCT20_0-05_Std	Standard	0.05				0		
7	2013OCT20_0-1_Std	Standard	0.1			1250.09	0		
8	2013OCT20_0-5_Std	Standard	0.5	9.22	11397.256	4296.831	1	0.50	140%
9	2013OCT20_1_Std	Standard	1	9.23	20612.42	6332.254	1	1.00	117%
10	2013OCT20_5_Std	Standard	5	9.24	106510.211	45246.199	1	5	125%
11	2013OCT20_10_Std	Standard	10	9.24	185209.063	82953.055	1	10	95%
12	2013OCT20_25_Std	Standard	25	9.24	397576.969	176136.828	1	25	68%
13	2013OCT20_50_Std	Standard	50	9.24	634746.125	294678.156	1	50	34%
14	2013OCT20_100_Std	Standard	100	9.24	1135689.875	499070.813	1	100	20%
15	2013OCT20_200_Stds	Standard	200	9.24	1737314.25	764955.313	1	200	-8%
16	2013OCT20_SolvA_3					268.264	#DIV/0!		
17	2013OCT20_Surrogate						#DIV/0!		
18	2013OCT20_SolvA_4						#DIV/0!		One point
19	2013OCT20_SolvA_5					48.635	#DIV/0!		%Rec
20	2013OCT20_Lo_1	Recovery	50	9.24	696903.438	304457.563	1	**Low-Spk1**	**110%**
21	2013OCT20_Lo_2	Recovery	50	9.24	553808.188	242233.984	1	**Low-Spk2**	**87%**
22	2013OCT20_Lo_3	Recovery	50	9.24	631845.438	293108	1	**Low-Spk3**	**100%**
23	2013OCT20_Lo_4	Recovery	50	9.24	705716	308098.188	1	**Low-Spk4**	**111%**
24	2013OCT20_Lo_5	Recovery	50	9.24	616728.875	270259.5	1	**Low-Spk5**	**97%**
25	2013OCT20_SolvA_6					325.236	#DIV/0!		
26	2013OCT20_SolvA_7					23.955	#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	9.24	1110230.5	478611.906	1	**Mid-Spk1**	**98%**
28	2013OCT20_Mid_2	Recovery	100	9.24	1171715.25	498992.031	1	**Mid-Spk2**	**103%**
29	2013OCT20_Mid_3	Recovery	100	9.24	1029155.75	447179.969	1	**Mid-Spk3**	**91%**
30	2013OCT20_Mid_4	Recovery	100	9.24	986039.438	427147.281	1	**Mid-Spk4**	**87%**
31	2013OCT20_Mid_5	Recovery	100	9.24	1097931.625	461573.844	1	**Mid-Spk5**	**97%**
32	2013OCT20_SolvA_8						#DIV/0!		
33	2013OCT20_SolvA_9					78.108	#DIV/0!		
34	2013OCT20_Std Dil 200_1			9.24	1433015.125	624439.313	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10					43.627	#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	9.24	1418304	607045.125	1	**Hi-Dil-Spk1**	
37	2013OCT20_Dil_Hi_2	Recovery	100	9.24	1427016.5	638757.313	1	**Hi-Dil-Spk2**	
38	2013OCT20_Dil_Hi_3	Recovery	100	9.24	1435338.375	622851.5	1	**Hi-Dil-Spk3**	
39	2013OCT20_Dil_Hi_4	Recovery	100	9.24	1439092.125	621407.688	1	**Hi-Dil-Spk4**	
40	2013OCT20_Dil_Hi_5	Recovery	100	9.24	1587812.5	671928.313	1	**Hi-Dil-Spk5**	
41	2013OCT20_SolvA_11						#DIV/0!		
42	2013OCT20_Std Dil 200_2			9.24	1417129.125	623996.375	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12					564.829	#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	9.24	1707755.25	750923.875	1	**Hi-Spk1**	**98%**
45	2013OCT20_Hi_2	Recovery	200	9.24	1751771.75	777723.25	1	**Hi-Spk2**	**101%**
46	2013OCT20_Hi_3	Recovery	200	9.24	1744134.375	748909.625	1	**Hi-Spk3**	**100%**
47	2013OCT20_Hi_4	Recovery	200	9.24	1746563.125	767368.875	1	**Hi-Spk4**	**101%**
48	2013OCT20_Hi_5	Recovery	200	9.24	1886743.875	803476.625	1	**Hi-Spk5**	**109%**
49	2013OCT20_SolvA_13					28.811	#DIV/0!		
50	2013OCT20_SolvA_14						#DIV/0!		

	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	Ident'd?	Conc (ng/g)	%diff
51	2013OCT20_0-01_Std_2	Standard	0.01			134.861		#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05			631.099		#DIV/0!		
53	2013OCT20_0-1_Std_2	Standard	0.1			1017.742		#DIV/0!		
54	2013OCT20_0-5_Std_2	Standard	0.5	9.22	10908.514	3639.183		1		
55	2013OCT20_1_Std_2	Standard	1	9.23	18233.824	7302.37		1		
56	2013OCT20_5_Std_2	Standard	5	9.24	100911.305	41817.594		1		
57	2013OCT20_10_Std_2	Standard	10	9.24	180227.047	76757.484		1		
58	2013OCT20_25_Std_2	Standard	25	9.24	402227.375	177877.375		1		
59	2013OCT20_50_Std_2	Standard	50	9.24	672301.313	295585.125		1		
60	2013OCT20_100_Std_2	Standard	100	9.24	1089298.625	486188.469		1		
61	2013OCT20_200_Std_2	Standard	200	9.24	1673925.125	739633.313		1		
62	2013OCT20_SolvA_15					7.13		#DIV/0!		
63	2013OCT20_Surrogate_2							#DIV/0!		
64	2013OCT20_SolvA_16							#DIV/0!		

Compound 10: Acetochlor

Compound 10: Acetochlor

	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2			9.22	3325.083	2482.105	402.113	1		
2	2013OCT20_RO	Blank				563.597		#DIV/0!		
3	2013OCT20_Blk_1	Blank		9.23	12466.979	7093.674	1867.16	1		
4	2013OCT20_Blk_2	Blank		9.23	4153.274	1031.075	951.077	0		
5	2013OCT20_0-01_Std	Standard	0.01	9.21	896.115	442.735		0	0.01	28%
6	2013OCT20_0-05_Std	Standard	0.05	9.22	5534.034	3228.808	1360.593	1	0.05	58%
7	2013OCT20_0-1_Std	Standard	0.1	9.23	19725.33	10679.584	1999.774	1	0.10	181%
8	2013OCT20_0-5_Std	Standard	0.5	9.23	78060.258	40750.719	13904.614	1	0.50	122%
9	2013OCT20_1_Std	Standard	1	9.23	135294.875	68410.164	21161.385	1	1.00	93%
10	2013OCT20_5_Std	Standard	5	9.23	842331.125	418263.281	137102.781	1	5	140%
11	2013OCT20_10_Std	Standard	10	9.23	1506884.125	794958.875	259069.234	1	10	115%
12	2013OCT20_25_Std	Standard	25	9.23	3443825.75	1803086.125	581161.938	1	25	96%
13	2013OCT20_50_Std	Standard	50	9.23	5787504.5	3041040.25	902268.188	1	50	65%
14	2013OCT20_100_Std	Standard	100	9.23	9204563	5110163.5	1687554.375	1	100	31%
15	2013OCT20_200_Stds	Standard	200	9.23	12118015	7778040.5	2588176.25	1	200	-14%
16	2013OCT20_SolvA_3			9.22	10614.971	5939.835	2184.826	1		
17	2013OCT20_Surrogate			9.22	2668.317	2068.216		0		
18	2013OCT20_SolvA_4			9.22	1518.226			#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	9.23	5848357	3113707.5	999542.188	1	**Low-Spk1**	**158%**
21	2013OCT20_Lo_2	Recovery	50	9.23	4720871.5	2456314	804687.813	1	**Low-Spk2**	**124%**
22	2013OCT20_Lo_3	Recovery	50	9.23	5679418.5	3009537.25	975234.188	1	**Low-Spk3**	**153%**
23	2013OCT20_Lo_4	Recovery	50	9.23	5892159.5	3143624.25	1003967.688	1	**Low-Spk4**	**160%**
24	2013OCT20_Lo_5	Recovery	50	9.23	5329116.5	2762730.75	885155.813	1	**Low-Spk5**	**142%**
25	2013OCT20_SolvA_6							#DIV/0!		
26	2013OCT20_SolvA_7			9.22	3812.327	958.447		0		
27	2013OCT20_Mid_1	Recovery	100	9.23	9038907	5017958	1658398	1	**Mid-Spk1**	**128%**
28	2013OCT20_Mid_2	Recovery	100	9.23	9444178	5227846	1724978.25	1	**Mid-Spk2**	**134%**
29	2013OCT20_Mid_3	Recovery	100	9.23	8577929	4612681	1549790.5	1	**Mid-Spk3**	**121%**

30	2013OCT20_Mid_4	Recovery	100	9.23	8427967	4559861.5	1479324.5	1	**Mid-Spk4**	**119%**
31	2013OCT20_Mid_5	Recovery	100	9.23	8904920	4895613.5	1622190.5	1	**Mid-Spk5**	**126%**
32	2013OCT20_SolvA_8			9.23	8324.701	4603.628	1605.448	1		
33	2013OCT20_SolvA_9			9.24	2418.319	1805.653		0		
34	2013OCT20_Std Dil 200_1			9.23	10930204	6535502.5	2043269.375	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10			9.23	6598.234	2641.906	949.177	1		
36	2013OCT20_Dil_Hi_1	Recovery	100	9.23	10903770	6565083	2080741	1	**Hi-Dil-Spk1**	**100%**
37	2013OCT20_Dil_Hi_2	Recovery	100	9.23	10981733	6614008.5	2080903.5	1	**Hi-Dil-Spk2**	**101%**
38	2013OCT20_Dil_Hi_3	Recovery	100	9.23	10887784	6516951	2055207.25	1	**Hi-Dil-Spk3**	**100%**
39	2013OCT20_Dil_Hi_4	Recovery	100	9.23	11111891	6682470.5	2122666.75	1	**Hi-Dil-Spk4**	**102%**
40	2013OCT20_Dil_Hi_5	Recovery	100	9.23	11559908	7143617.5	2279927.25	1	**Hi-Dil-Spk5**	**106%**
41	2013OCT20_SolvA_11			9.23	10719.858	6890.268	1676.463	1		
42	2013OCT20_Std Dil 200_2			9.23	10977319	6587400.5	2060049.875	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12			9.23	4855.945	1274.346		0		
44	2013OCT20_Hi_1	Recovery	200	9.23	12208575	7806254	2581432.5	1	**Hi-Spk1**	**88%**
45	2013OCT20_Hi_2	Recovery	200	9.23	12322441	7950684	2576742.5	1	**Hi-Spk2**	**89%**
46	2013OCT20_Hi_3	Recovery	200	9.23	12105381	7680695	2598181.25	1	**Hi-Spk3**	**88%**
47	2013OCT20_Hi_4	Recovery	200	9.23	12271604	7931512.5	2611406.5	1	**Hi-Spk4**	**89%**
48	2013OCT20_Hi_5	Recovery	200	9.23	12801709	8541101	2764857	1	**Hi-Spk5**	**93%**
49	2013OCT20_SolvA_13			9.23	21327.811	9667.24	2149.017	1		
50	2013OCT20_SolvA_14			9.23	8604.898	4991.211		0		
51	2013OCT20_0-01_Std_2	Standard	0.01	9.22	2488.112	1401.529	457.304	1		
52	2013OCT20_0-05_Std_2	Standard	0.05	9.23	7156.343	4027.376	591.022	1		
53	2013OCT20_0-1_Std_2	Standard	0.1	9.23	20794.893	8654.202	2932.661	1		
54	2013OCT20_0-5_Std_2	Standard	0.5	9.23	76046.289	40153.121	10041.328	1		
55	2013OCT20_1_Std_2	Standard	1	9.23	140177.672	66299.031	22630.953	1		
56	2013OCT20_5_Std_2	Standard	5	9.23	858183.188	419467.813	135629.969	1		
57	2013OCT20_10_Std_2	Standard	10	9.23	1557895.375	756726.438	244785.844	1		
58	2013OCT20_25_Std_2	Standard	25	9.23	3506912.75	1683193.875	572700.75	1		
59	2013OCT20_50_Std_2	Standard	50	9.23	5835952.5	2926569.25	1005942.25	1		
60	2013OCT20_100_Std_2	Standard	100	9.23	9214854	4957942	1649507.375	1		
61	2013OCT20_200_Std_2	Standard	200	9.23	12060478	7689099	2601085	1		
62	2013OCT20_SolvA_15			9.22	14157.565	5509.091	865.674	1		
63	2013OCT20_Surrogate_2					633.723	215.198	#DIV/0!		
64	2013OCT20_SolvA_16							#DIV/0!		

Compound 11: Alachlor-d13

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**		**Pk Area**
1	2013OCT20_SolvA_2							#DIV/0!	0	
2	2013OCT20_RO	Blank						#DIV/0!	0	
3	2013OCT20_Blk_1	Blank		9.21	51104.672			#DIV/0!	51105	
4	2013OCT20_Blk_2	Blank		9.21	49994.301			#DIV/0!	49994	
5	2013OCT20_0-01_Std	Standard	0.01					#DIV/0!	0	
6	2013OCT20_0-05_Std	Standard	0.05					#DIV/0!	0	
7	2013OCT20_0-1_Std	Standard	0.1					#DIV/0!	0	
8	2013OCT20_0-5_Std	Standard	0.5	9.12	80.306			#DIV/0!	80	

9	2013OCT20_1_Std	Standard	1			#DIV/0!	0
10	2013OCT20_5_Std	Standard	5			#DIV/0!	0
11	2013OCT20_10_Std	Standard	10			#DIV/0!	0
12	2013OCT20_25_Std	Standard	25			#DIV/0!	0
13	2013OCT20_50_Std	Standard	50			#DIV/0!	0
14	2013OCT20_100_Std	Standard	100			#DIV/0!	0
15	2013OCT20_200_Stds	Standard	200			#DIV/0!	0
16	2013OCT20_SolvA_3					#DIV/0!	0
17	2013OCT20_Surrogate			9.22	51791.293	#DIV/0!	51791
18	2013OCT20_SolvA_4					#DIV/0!	0
19	2013OCT20_SolvA_5			9.24	741.34	#DIV/0!	741
20	2013OCT20_Lo_1	Recovery	50	9.21	36718.289	#DIV/0!	36718
21	2013OCT20_Lo_2	Recovery	50	9.21	25437.146	#DIV/0!	25437
22	2013OCT20_Lo_3	Recovery	50	9.21	39636.551	#DIV/0!	39637
23	2013OCT20_Lo_4	Recovery	50	9.21	38643.484	#DIV/0!	38643
24	2013OCT20_Lo_5	Recovery	50	9.21	35194.648	#DIV/0!	35195
25	2013OCT20_SolvA_6					#DIV/0!	0
26	2013OCT20_SolvA_7					#DIV/0!	0
27	2013OCT20_Mid_1	Recovery	100	9.2	27558.393	#DIV/0!	27558
28	2013OCT20_Mid_2	Recovery	100	9.2	33685.355	#DIV/0!	33685
29	2013OCT20_Mid_3	Recovery	100	9.2	26520.006	#DIV/0!	26520
30	2013OCT20_Mid_4	Recovery	100	9.2	23822.91	#DIV/0!	23823
31	2013OCT20_Mid_5	Recovery	100	9.21	28635.643	#DIV/0!	28636
32	2013OCT20_SolvA_8					#DIV/0!	0
33	2013OCT20_SolvA_9					#DIV/0!	0
34	2013OCT20_Std Dil 200_1					#DIV/0!	0
35	2013OCT20_SolvA_10					#DIV/0!	0
36	2013OCT20_Dil_Hi_1	Recovery	100	9.2	18592.439	#DIV/0!	18592
37	2013OCT20_Dil_Hi_2	Recovery	100	9.2	18917.605	#DIV/0!	18918
38	2013OCT20_Dil_Hi_3	Recovery	100	9.2	16842.447	#DIV/0!	16842
39	2013OCT20_Dil_Hi_4	Recovery	100	9.2	19131.482	#DIV/0!	19131
40	2013OCT20_Dil_Hi_5	Recovery	100	9.2	20564.414	#DIV/0!	20564
41	2013OCT20_SolvA_11					#DIV/0!	0
42	2013OCT20_Std Dil 200_2					#DIV/0!	0
43	2013OCT20_SolvA_12					#DIV/0!	0
44	2013OCT20_Hi_1	Recovery	200	9.2	20608.961	#DIV/0!	20609
45	2013OCT20_Hi_2	Recovery	200	9.2	24923.004	#DIV/0!	24923
46	2013OCT20_Hi_3	Recovery	200	9.2	24392.33	#DIV/0!	24392
47	2013OCT20_Hi_4	Recovery	200	9.2	23742.91	#DIV/0!	23743
48	2013OCT20_Hi_5	Recovery	200	9.2	28178.305	#DIV/0!	28178
49	2013OCT20_SolvA_13					#DIV/0!	0
50	2013OCT20_SolvA_14					#DIV/0!	0
51	2013OCT20_0-01_Std_2	Standard	0.01			#DIV/0!	0
52	2013OCT20_0-05_Std_2	Standard	0.05			#DIV/0!	0
53	2013OCT20_0-1_Std_2	Standard	0.1			#DIV/0!	0
54	2013OCT20_0-5_Std_2	Standard	0.5			#DIV/0!	0

55	2013OCT20_1_Std_2	Standard	1					#DIV/0!	0	
56	2013OCT20_5_Std_2	Standard	5					#DIV/0!	0	
57	2013OCT20_10_Std_2	Standard	10					#DIV/0!	0	
58	2013OCT20_25_Std_2	Standard	25					#DIV/0!	0	
59	2013OCT20_50_Std_2	Standard	50					#DIV/0!	0	
60	2013OCT20_100_Std_2	Standard	100					#DIV/0!	0	
61	2013OCT20_200_Std_2	Standard	200					#DIV/0!	0	
62	2013OCT20_SolvA_15							#DIV/0!	0	
63	2013OCT20_Surrogate_2			9.22	47294.063			#DIV/0!	47294	
64	2013OCT20_SolvA_16							#DIV/0!	0	

Compound 12: Metolachlor

Compound 12: Metolachlor

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2			9.3	48683.727	7137.025	282.248	0		
2	2013OCT20_RO	Blank		9.34	7098.41	3013.271	58.755	0		
3	2013OCT20_Blk_1	Blank		9.21	357012.719	102072.961		0		
4	2013OCT20_Blk_2	Blank		9.21	332857.594	90254.094	79.224	0		
5	2013OCT20_0-01_Std	Standard	0.01				213.768	0		
6	2013OCT20_0-05_Std	Standard	0.05				520.527	0		
7	2013OCT20_0-1_Std	Standard	0.1				231.198	0		
8	2013OCT20_0-5_Std	Standard	0.5	9.28	14760.59	5580.409	17.518	1	0.50	23%
9	2013OCT20_1_Std	Standard	1	9.29	26565.717	6954.47	1645.757	1	1.00	11%
10	2013OCT20_5_Std	Standard	5	9.29	151541.656	43943.984	3700.083	1	5	27%
11	2013OCT20_10_Std	Standard	10	9.29	287365.781	83349.219	7292.619	1	10	20%
12	2013OCT20_25_Std	Standard	25	9.29	653268.375	202446.422	15654.897	1	25	9%
13	2013OCT20_50_Std	Standard	50	9.29	1193235.75	375810.219	29448.641	1	50	0%
14	2013OCT20_100_Std	Standard	100	9.29	2380491.75	744404.75	58011.984	1	100	-1%
15	2013OCT20_200_Stds	Standard	200	9.29	4787227	1359819.625	106898.008	1	200	0%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate			9.21	340701.313	89203.141	243.756	0		
18	2013OCT20_SolvA_4							#DIV/0!		
19	2013OCT20_SolvA_5						4.449	#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	9.29	1627725.5	491485.031	30393.801	1	**Low-Spk1**	**135%**
21	2013OCT20_Lo_2	Recovery	50	9.29	1165960.875	356331.219	25161.307	1	**Low-Spk2**	**96%**
22	2013OCT20_Lo_3	Recovery	50	9.28	1582226.125	470080.188	30742.295	1	**Low-Spk3**	**131%**
23	2013OCT20_Lo_4	Recovery	50	9.29	1635955.625	482929.531	33256.633	1	**Low-Spk4**	**136%**
24	2013OCT20_Lo_5	Recovery	50	9.28	1420315.125	427054.031	28169.451	1	**Low-Spk5**	**118%**
25	2013OCT20_SolvA_6					9.627	103.17	#DIV/0!		
26	2013OCT20_SolvA_7						104.266	#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	9.29	2694924.75	824868	60192.813	1	**Mid-Spk1**	**112%**
28	2013OCT20_Mid_2	Recovery	100	9.29	2882160.75	878452.438	63758.445	1	**Mid-Spk2**	**120%**
29	2013OCT20_Mid_3	Recovery	100	9.29	2465908	763652.188	55113.648	1	**Mid-Spk3**	**103%**
30	2013OCT20_Mid_4	Recovery	100	9.29	2299703.5	689100.625	50956.117	1	**Mid-Spk4**	**96%**
31	2013OCT20_Mid_5	Recovery	100	9.29	2601183.5	788831.5	54443.223	1	**Mid-Spk5**	**108%**
32	2013OCT20_SolvA_8					260.004		#DIV/0!		
33	2013OCT20_SolvA_9						33.455	#DIV/0!		

34	2013OCT20_Std Dil 200_1			9.29	4256472	1059534.25	78788.828	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10					16.855	351.77	#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	9.28	4480312	1170912.125	83084.375	1	**Hi-Dil-Spk1**	**105%**
37	2013OCT20_Dil_Hi_2	Recovery	100	9.28	4551054	1150678	85878.586	1	**Hi-Dil-Spk2**	**107%**
38	2013OCT20_Dil_Hi_3	Recovery	100	9.28	4474275.5	1135544.25	79942.086	1	**Hi-Dil-Spk3**	**105%**
39	2013OCT20_Dil_Hi_4	Recovery	100	9.28	4613371.5	1201896.75	91422.422	1	**Hi-Dil-Spk4**	**108%**
40	2013OCT20_Dil_Hi_5	Recovery	100	9.29	4898427.5	1306601.5	94052.047	1	**Hi-Dil-Spk5**	**115%**
41	2013OCT20_SolvA_11					207.377	79.815	#DIV/0!		
42	2013OCT20_Std Dil 200_2			9.29	4283180	1034073.813	79253.359	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12						88.514	#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	9.28	5044683	1474107.625	106965.313	1	**Hi-Spk1**	**106%**
45	2013OCT20_Hi_2	Recovery	200	9.29	5229228.5	1518718.25	113332.219	1	**Hi-Spk2**	**109%**
46	2013OCT20_Hi_3	Recovery	200	9.29	5069921.5	1437155.25	104826.773	1	**Hi-Spk3**	**106%**
47	2013OCT20_Hi_4	Recovery	200	9.29	5214112	1541559	115471.406	1	**Hi-Spk4**	**109%**
48	2013OCT20_Hi_5	Recovery	200	9.29	5554011.5	1699903.5	128947.406	1	**Hi-Spk5**	**116%**
49	2013OCT20_SolvA_13						282.909	#DIV/0!		
50	2013OCT20_SolvA_14					625.159		#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01					#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05					#DIV/0!		
53	2013OCT20_0-1_Std_2	Standard	0.1					#DIV/0!		
54	2013OCT20_0-5_Std_2	Standard	0.5	9.29	15262.316	6068.624	399.158	1		
55	2013OCT20_1_Std_2	Standard	1	9.29	22017.432	7307.577	877.023	1		
56	2013OCT20_5_Std_2	Standard	5	9.29	148989.719	43888.258	5318.574	1		
57	2013OCT20_10_Std_2	Standard	10	9.29	269831.188	80325.727	6001.611	1		
58	2013OCT20_25_Std_2	Standard	25	9.29	656723.125	196568.516	14254.84	1		
59	2013OCT20_50_Std_2	Standard	50	9.29	1185465.625	371498.031	27067.344	1		
60	2013OCT20_100_Std_2	Standard	100	9.29	2321589	725702.813	53614.168	1		
61	2013OCT20_200_Std_2	Standard	200	9.29	4731144.5	1347719.5	105435.344	1		
62	2013OCT20_SolvA_15					518.52	29.222	#DIV/0!		
63	2013OCT20_Surrogate_2			9.21	323337.406	90252.281		0		
64	2013OCT20_SolvA_16						143.765	#DIV/0!		

Compound 13: Metolachlor-d6

	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	yes=1,no=0 **Ident'd?**	**Pk Area**
1	2013OCT20_SolvA_2							#DIV/0!	0
2	2013OCT20_RO	Blank		9.28	8260206.5	5405040.5	1301157.375	1	8260207
3	2013OCT20_Blk_1	Blank		9.28	8052377	5176789.5	1234224.25	1	8052377
4	2013OCT20_Blk_2	Blank		9.28	7767975.5	4786230.5	1089770.125	1	7767976
5	2013OCT20_0-01_Std	Standard	0.01	9.28	7317027.5	4501626.5	1006081.375	1	7317028
6	2013OCT20_0-05_Std	Standard	0.05	9.28	7382853.5	4586292	1026036.5	1	7382854
7	2013OCT20_0-1_Std	Standard	0.1	9.28	8496429	5616310.5	1674703	1	8496429
8	2013OCT20_0-5_Std	Standard	0.5	9.28	8012669.5	5204606.5	1472159	1	8012670
9	2013OCT20_1_Std	Standard	1	9.28	7832346.5	4804292.5	1055223.5	1	7832347
10	2013OCT20_5_Std	Standard	5	9.28	8224516	5421118.5	1300617.375	1	8224516
11	2013OCT20_10_Std	Standard	10	9.28	8116567	5210795	1227689	1	8116567
12	2013OCT20_25_Std	Standard	25	9.28	7929929.5	5031555	1142726	1	7929930

13	2013OCT20_50_Std	Standard	50	9.28	7946620	4884087	1094188.625	1	7946620	
14	2013OCT20_100_Std	Standard	100	9.28	7648769	4723861.5	1036726.438	1	7648769	
15	2013OCT20_200_Stds	Standard	200	9.28	7784769.5	4492874	968987.875	1	7784770	
16	2013OCT20_SolvA_3							#DIV/0!	0	
17	2013OCT20_Surrogate							#DIV/0!	0	
18	2013OCT20_SolvA_4							#DIV/0!	0	
19	2013OCT20_SolvA_5					15.988		#DIV/0!	0	
20	2013OCT20_Lo_1	Recovery	50	9.28	8012627.5	5007881.5	1148451.625	1	8012628	**%Recovery**
21	2013OCT20_Lo_2	Recovery	50	9.28	7254469	4152441.75	845104.875	1	7254469	
22	2013OCT20_Lo_3	Recovery	50	9.28	7939215.5	4977692.5	1118047.375	1	7939216	
23	2013OCT20_Lo_4	Recovery	50	9.28	8067758.5	5077108	1138094	1	8067759	
24	2013OCT20_Lo_5	Recovery	50	9.28	7595959	4563495.5	993526.438	1	7595959	
25	2013OCT20_SolvA_6							#DIV/0!	0	
26	2013OCT20_SolvA_7							#DIV/0!	0	
27	2013OCT20_Mid_1	Recovery	100	9.28	7910449	4669886.5	1032352.188	1	7910449	
28	2013OCT20_Mid_2	Recovery	100	9.28	7981060.5	4997518.5	1134411.625	1	7981061	
29	2013OCT20_Mid_3	Recovery	100	9.28	7496211	4426611.5	969803.563	1	7496211	
30	2013OCT20_Mid_4	Recovery	100	9.28	7410264.5	4235544.5	888621.938	1	7410265	
31	2013OCT20_Mid_5	Recovery	100	9.28	7834939.5	4484500	958540.563	1	7834940	
32	2013OCT20_SolvA_8					14.968		#DIV/0!	0	
33	2013OCT20_SolvA_9							#DIV/0!	0	
34	2013OCT20_Std Dil 200_1			9.28	7343023	3004930	723932.75	1	7343023	
35	2013OCT20_SolvA_10					44.404		#DIV/0!	0	
36	2013OCT20_Dil_Hi_1	Recovery	100	9.28	7165043	2964109.75	742553.375	1	7165043	
37	2013OCT20_Dil_Hi_2	Recovery	100	9.28	7266191	2997411.5	728761.313	1	7266191	
38	2013OCT20_Dil_Hi_3	Recovery	100	9.28	7201724	2967104.75	717083.625	1	7201724	
39	2013OCT20_Dil_Hi_4	Recovery	100	9.28	7300763	3174763	752871.813	1	7300763	
40	2013OCT20_Dil_Hi_5	Recovery	100	9.28	7660004	3326387.75	792072.875	1	7660004	
41	2013OCT20_SolvA_11							#DIV/0!	0	
42	2013OCT20_Std Dil 200_2			9.28	7312089	3042688.75	727022	1	7312089	
43	2013OCT20_SolvA_12							#DIV/0!	0	
44	2013OCT20_Hi_1	Recovery	200	9.28	7661658	4389657	945706	1	7661658	
45	2013OCT20_Hi_2	Recovery	200	9.28	7767795.5	4427653	945806.875	1	7767796	
46	2013OCT20_Hi_3	Recovery	200	9.28	7784726.5	4351684	911825.25	1	7784727	
47	2013OCT20_Hi_4	Recovery	200	9.28	7797139.5	4522333	963375.313	1	7797140	
48	2013OCT20_Hi_5	Recovery	200	9.28	8073659	4783522.5	1064096.375	1	8073659	
49	2013OCT20_SolvA_13							#DIV/0!	0	
50	2013OCT20_SolvA_14						9.105	#DIV/0!	0	
51	2013OCT20_0-01_Std_2	Standard	0.01	9.28	7367260.5	4441722.5	952512.625	1	7367261	
52	2013OCT20_0-05_Std_2	Standard	0.05	9.28	7394022	4581182	1007486.438	1	7394022	
53	2013OCT20_0-1_Std_2	Standard	0.1	9.28	8295432	5496136.5	1302093.5	1	8295432	
54	2013OCT20_0-5_Std_2	Standard	0.5	9.28	7811327.5	4980289	1134259.5	1	7811328	
55	2013OCT20_1_Std_2	Standard	1	9.28	7640214	4677064.5	1055864.25	1	7640214	
56	2013OCT20_5_Std_2	Standard	5	9.28	8135894.5	5336103	1215860.75	1	8135895	
57	2013OCT20_10_Std_2	Standard	10	9.28	8016580.5	5003577.5	1157210.5	1	8016581	
58	2013OCT20_25_Std_2	Standard	25	9.28	7893512.5	4832475	1113516.875	1	7893513	

59	2013OCT20_50_Std_2	Standard	50	9.28	7810099	4829008.5	1116844.375	1	7810099
60	2013OCT20_100_Std_2	Standard	100	9.28	7602103	4601369	1008414.813	1	7602103
61	2013OCT20_200_Std_2	Standard	200	9.28	7765892.5	4457285	965031.438	1	7765893
62	2013OCT20_SolvA_15					177.261		#DIV/0!	0
63	2013OCT20_Surrogate_2							#DIV/0!	0
64	2013OCT20_SolvA_16							#DIV/0!	0

Compound 15: Acesulfame

Compound 15: Acesulfame

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**yes=1,no=0** **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							#DIV/0!		
2	2013OCT20_RO	Blank						#DIV/0!		
3	2013OCT20_Blk_1	Blank						#DIV/0!		
4	2013OCT20_Blk_2	Blank						#DIV/0!		
5	2013OCT20_0-01_Std	Standard	0.01					0		
6	2013OCT20_0-05_Std	Standard	0.05					0		
7	2013OCT20_0-1_Std	Standard	0.1					0		
8	2013OCT20_0-5_Std	Standard	0.5	1.43	1167.272	53.713		1	0.50	-16%
9	2013OCT20_1_Std	Standard	1	1.46	2408.083	146.707		1	1.00	-13%
10	2013OCT20_5_Std	Standard	5	1.45	15890.887	1976.567		1	5	14%
11	2013OCT20_10_Std	Standard	10	1.45	33734.234	3375.953		1	10	21%
12	2013OCT20_25_Std	Standard	25	1.45	86745.156	10012.978		1	25	25%
13	2013OCT20_50_Std	Standard	50	1.45	151706.031	21558.586		1	50	9%
14	2013OCT20_100_Std	Standard	100	1.45	292530.438	40786.277		1	100	5%
15	2013OCT20_200_Stds	Standard	200	1.45	542428.438	70385.703		1	200	-2%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate							#DIV/0!		
18	2013OCT20_SolvA_4							#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	1.44	1865.606	85.513		1	**Low-Spk1**	**-4%**
21	2013OCT20_Lo_2	Recovery	50	1.44	2587.387	204.477		1	**Low-Spk2**	**-4%**
22	2013OCT20_Lo_3	Recovery	50	1.45	2085.871			0	**Low-Spk3**	**-4%**
23	2013OCT20_Lo_4	Recovery	50	1.46	2747.435	127.724		1	**Low-Spk4**	**-4%**
24	2013OCT20_Lo_5	Recovery	50	1.46	1946.227			0	**Low-Spk5**	**-4%**
25	2013OCT20_SolvA_6							#DIV/0!		
26	2013OCT20_SolvA_7							#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	1.44	4443.394	214.084		1	**Mid-Spk1**	**-1%**
28	2013OCT20_Mid_2	Recovery	100	1.46	5074.051	500.949		1	**Mid-Spk2**	**-1%**
29	2013OCT20_Mid_3	Recovery	100	1.43	4726.055	348.936		1	**Mid-Spk3**	**-1%**
30	2013OCT20_Mid_4	Recovery	100	1.45	5505.646	133.593		1	**Mid-Spk4**	**-1%**
31	2013OCT20_Mid_5	Recovery	100	1.45	5146.759	537.966		1	**Mid-Spk5**	**-1%**
32	2013OCT20_SolvA_8							#DIV/0!		
33	2013OCT20_SolvA_9							#DIV/0!		
34	2013OCT20_Std Dil 200_1			1.45	250701.063	28909.242		1	**Hi-Dil-Std**	

35	2013OCT20_SolvA_10							#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	1.45	3906.105	288.461		1	**Hi-Dil-Spk1**	**-2%**
37	2013OCT20_Dil_Hi_2	Recovery	100	1.46	2304.003			0	**Hi-Dil-Spk2**	**-2%**
38	2013OCT20_Dil_Hi_3	Recovery	100	1.44	3254.499	246.377		1	**Hi-Dil-Spk3**	**-2%**
39	2013OCT20_Dil_Hi_4	Recovery	100	1.44	3717.5	336.511		1	**Hi-Dil-Spk4**	**-2%**
40	2013OCT20_Dil_Hi_5	Recovery	100	1.45	3281.896	64.475		1	**Hi-Dil-Spk5**	**-2%**
41	2013OCT20_SolvA_11							#DIV/0!		
42	2013OCT20_Std Dil 200_2			1.45	260372.063	34186.203		1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12							#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	1.44	8751.907	954.003		1	**Hi-Spk1**	**0%**
45	2013OCT20_Hi_2	Recovery	200	1.45	6140.084	112.961		1	**Hi-Spk2**	**0%**
46	2013OCT20_Hi_3	Recovery	200	1.44	7812.132	833.235		1	**Hi-Spk3**	**0%**
47	2013OCT20_Hi_4	Recovery	200	1.45	8133.792	559.928		1	**Hi-Spk4**	**0%**
48	2013OCT20_Hi_5	Recovery	200	1.45	7782.074	648.458		1	**Hi-Spk5**	**0%**
49	2013OCT20_SolvA_13							#DIV/0!		
50	2013OCT20_SolvA_14							#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01					#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05					#DIV/0!		
53	2013OCT20_0-1_Std_2	Standard	0.1					#DIV/0!		
54	2013OCT20_0-5_Std_2	Standard	0.5	1.44	1072.837	84.727		1		
55	2013OCT20_1_Std_2	Standard	1	1.46	2860.551	180.165		1		
56	2013OCT20_5_Std_2	Standard	5	1.45	16602.762	1900.035		1		
57	2013OCT20_10_Std_2	Standard	10	1.45	30578.49	3796.104		1		
58	2013OCT20_25_Std_2	Standard	25	1.45	84076.633	9866.3		1		
59	2013OCT20_50_Std_2	Standard	50	1.45	153769.031	17536.432		1		
60	2013OCT20_100_Std_2	Standard	100	1.45	280461.938	38375.211		1		
61	2013OCT20_200_Std_2	Standard	200	1.45	531747.563	67590.063		1		
62	2013OCT20_SolvA_15							#DIV/0!		
63	2013OCT20_Surrogate_2							#DIV/0!		
64	2013OCT20_SolvA_16							#DIV/0!		

Compound 16: Acesulfame-d4

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	**Pk Area**
1	2013OCT20_SolvA_2							#DIV/0!	0
2	2013OCT20_RO	Blank		1.44	202584.922	36288.16		1	202585
3	2013OCT20_Blk_1	Blank		1.44	3798.095	454.899		1	3798
4	2013OCT20_Blk_2	Blank		1.45	2930.102	236.112		1	2930
5	2013OCT20_0-01_Std	Standard	0.01	1.43	211603.5	39186.563		1	211604
6	2013OCT20_0-05_Std	Standard	0.05	1.44	217154.563	38081.711		1	217155
7	2013OCT20_0-1_Std	Standard	0.1	1.43	213508.25	38698.086		1	213508
8	2013OCT20_0-5_Std	Standard	0.5	1.43	227754.266	40372.07		1	227754
9	2013OCT20_1_Std	Standard	1	1.44	230314.469	38476.695		1	230314
10	2013OCT20_5_Std	Standard	5	1.44	218592.016	38138.742		1	218592
11	2013OCT20_10_Std	Standard	10	1.44	212837.5	34739.809		1	212838
12	2013OCT20_25_Std	Standard	25	1.44	209597.703	37460.375		1	209598
13	2013OCT20_50_Std	Standard	50	1.44	210777.141	37124.422		1	210777

14	2013OCT20_100_Std	Standard	100	1.44	185497.688	31257.68	1	185498	
15	2013OCT20_200_Stds	Standard	200	1.43	180094.063	27519.172	1	180094	
16	2013OCT20_SolvA_3						#DIV/0!	0	
17	2013OCT20_Surrogate						#DIV/0!	0	
18	2013OCT20_SolvA_4						#DIV/0!	0	
19	2013OCT20_SolvA_5						#DIV/0!	0	
20	2013OCT20_Lo_1	Recovery	50	1.43	2893.251	403.21	1	2893	**%Recovery**
21	2013OCT20_Lo_2	Recovery	50	1.44	3212.792	367.699	1	3213	
22	2013OCT20_Lo_3	Recovery	50	1.43	2953.428	219.288	1	2953	
23	2013OCT20_Lo_4	Recovery	50	1.43	3283.299	715.345	1	3283	
24	2013OCT20_Lo_5	Recovery	50	1.45	2040.314	410.587	1	2040	
25	2013OCT20_SolvA_6						#DIV/0!	0	
26	2013OCT20_SolvA_7						#DIV/0!	0	
27	2013OCT20_Mid_1	Recovery	100	1.44	2641.292	348.373	1	2641	
28	2013OCT20_Mid_2	Recovery	100	1.44	3324.147	182.014	1	3324	
29	2013OCT20_Mid_3	Recovery	100	1.44	2567.373	462.136	1	2567	
30	2013OCT20_Mid_4	Recovery	100	1.43	2905.803	472.763	1	2906	
31	2013OCT20_Mid_5	Recovery	100	1.44	2772.783	421.51	1	2773	
32	2013OCT20_SolvA_8						#DIV/0!	0	
33	2013OCT20_SolvA_9						#DIV/0!	0	
34	2013OCT20_Std Dil 200_1			1.44	84536.328	15170.613	1	84536	
35	2013OCT20_SolvA_10						#DIV/0!	0	
36	2013OCT20_Dil_Hi_1	Recovery	100	1.45	1128.941		0	1129	
37	2013OCT20_Dil_Hi_2	Recovery	100	1.44	714.824		0	715	
38	2013OCT20_Dil_Hi_3	Recovery	100	1.45	687.276	87.462	1	687	
39	2013OCT20_Dil_Hi_4	Recovery	100	1.43	881.903		0	882	
40	2013OCT20_Dil_Hi_5	Recovery	100	1.42	794.467		0	794	
41	2013OCT20_SolvA_11						#DIV/0!	0	
42	2013OCT20_Std Dil 200_2			1.44	85655.008	13198.221	1	85655	
43	2013OCT20_SolvA_12						#DIV/0!	0	
44	2013OCT20_Hi_1	Recovery	200	1.43	3059.426	188.532	1	3059	
45	2013OCT20_Hi_2	Recovery	200	1.41	1520.324	161.145	0	1520	
46	2013OCT20_Hi_3	Recovery	200	1.42	1839.536	56.798	0	1840	
47	2013OCT20_Hi_4	Recovery	200	1.42	1776.824	223.588	0	1777	
48	2013OCT20_Hi_5	Recovery	200	1.43	2424.945	126.302	1	2425	
49	2013OCT20_SolvA_13						#DIV/0!	0	
50	2013OCT20_SolvA_14						#DIV/0!	0	
51	2013OCT20_0-01_Std_2	Standard	0.01	1.44	205169.422	33328.387	1	205169	
52	2013OCT20_0-05_Std_2	Standard	0.05	1.44	213379.625	35038.695	1	213380	
53	2013OCT20_0-1_Std_2	Standard	0.1	1.44	206376.063	33537.156	1	206376	
54	2013OCT20_0-5_Std_2	Standard	0.5	1.43	207853.734	27068.436	1	207854	
55	2013OCT20_1_Std_2	Standard	1	1.44	213096.188	35942.492	1	213096	
56	2013OCT20_5_Std_2	Standard	5	1.44	208932.688	33658.473	1	208933	
57	2013OCT20_10_Std_2	Standard	10	1.44	194985.813	30807.178	1	194986	
58	2013OCT20_25_Std_2	Standard	25	1.44	205806.906	36761.395	1	205807	
59	2013OCT20_50_Std_2	Standard	50	1.44	203225.688	36213.938	1	203226	

60	2013OCT20_100_Std_2	Standard	100	1.44	185080.406	32861.734		1	185080	
61	2013OCT20_200_Std_2	Standard	200	1.43	174566.109	28795.65		1	174566	
62	2013OCT20_SolvA_15							#DIV/0!	0	
63	2013OCT20_Surrogate_2							#DIV/0!	0	
64	2013OCT20_SolvA_16							#DIV/0!	0	

Compound 17: Cyclamate

Compound 17: Cyclamate

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							#DIV/0!		
2	2013OCT20_RO	Blank		2.16	40.938			0		
3	2013OCT20_Blk_1	Blank		2.15	59.861			0		
4	2013OCT20_Blk_2	Blank		2.14	108.43			0		
5	2013OCT20_0-01_Std	Standard	0.01	2.13	65.89	1.206		1		
6	2013OCT20_0-05_Std	Standard	0.05	2.14	439.637			0	0.05	43%
7	2013OCT20_0-1_Std	Standard	0.1	2.13	1037.729	6.851		1	0.10	69%
8	2013OCT20_0-5_Std	Standard	0.5	2.13	3587.293	16.928		1	0.50	17%
9	2013OCT20_1_Std	Standard	1	2.13	9447.8	74.029		1	1.00	54%
10	2013OCT20_5_Std	Standard	5	2.13	40472.227	644.923		1	5	32%
11	2013OCT20_10_Std	Standard	10	2.13	77380.961	1132.05		1	10	26%
12	2013OCT20_25_Std	Standard	25	2.13	192584.047	2874.481		1	25	25%
13	2013OCT20_50_Std	Standard	50	2.14	369361.188	6415.423		1	50	20%
14	2013OCT20_100_Std	Standard	100	2.13	665030.563	12428.019		1	100	8%
15	2013OCT20_200_Stds	Standard	200	2.13	1182615.875	24044.752		1	200	-4%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate							#DIV/0!		
18	2013OCT20_SolvA_4							#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	2.14	5899.86	204.237		1	**Low-Spk1**	**-4%**
21	2013OCT20_Lo_2	Recovery	50	2.14	6481.89	226.44		1	**Low-Spk2**	**-4%**
22	2013OCT20_Lo_3	Recovery	50	2.14	4323.108	215.323		1	**Low-Spk3**	**-5%**
23	2013OCT20_Lo_4	Recovery	50	2.14	6978.401	373.038		1	**Low-Spk4**	**-4%**
24	2013OCT20_Lo_5	Recovery	50	2.14	4535.662	105.89		1	**Low-Spk5**	**-5%**
25	2013OCT20_SolvA_6			2.16	144.565			0		
26	2013OCT20_SolvA_7							#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	2.14	10793.196	818.834		1	**Mid-Spk1**	**-1%**
28	2013OCT20_Mid_2	Recovery	100	2.14	13094.874	1178.666		1	**Mid-Spk2**	**-1%**
29	2013OCT20_Mid_3	Recovery	100	2.14	11826.216	941.6		1	**Mid-Spk3**	**-1%**
30	2013OCT20_Mid_4	Recovery	100	2.14	12309.439	1147.029		1	**Mid-Spk4**	**-1%**
31	2013OCT20_Mid_5	Recovery	100	2.14	10519.631	928.247		1	**Mid-Spk5**	**-1%**
32	2013OCT20_SolvA_8							#DIV/0!		
33	2013OCT20_SolvA_9							#DIV/0!		
34	2013OCT20_Std Dil 200_1			2.14	506588.656	11142.769		1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10							#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	2.14	9662.328	1242.193		1	**Hi-Dil-Spk1**	**-2%**
37	2013OCT20_Dil_Hi_2	Recovery	100	2.14	6606.197	1136.656		1	**Hi-Dil-Spk2**	**-3%**
38	2013OCT20_Dil_Hi_3	Recovery	100	2.14	8586.986	1390.485		1	**Hi-Dil-Spk3**	**-2%**

39	2013OCT20_Dil_Hi_4	Recovery	100	2.14	9310.684	1733.032		1	**Hi-Dil-Spk4**	**-2%**
40	2013OCT20_Dil_Hi_5	Recovery	100	2.14	10327.351	1712.132		1	**Hi-Dil-Spk5**	**-2%**
41	2013OCT20_SolvA_11							#DIV/0!		
42	2013OCT20_Std Dil 200_2			2.14	492223.438	10164.466		1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12			2.12	107.018			0		
44	2013OCT20_Hi_1	Recovery	200	2.14	21408.836	3266.251		1	**Hi-Spk1**	**0%**
45	2013OCT20_Hi_2	Recovery	200	2.14	15927.097	2961.678		1	**Hi-Spk2**	**0%**
46	2013OCT20_Hi_3	Recovery	200	2.14	21653.037	3360.947		1	**Hi-Spk3**	**0%**
47	2013OCT20_Hi_4	Recovery	200	2.14	23939.77	3661.102		1	**Hi-Spk4**	**0%**
48	2013OCT20_Hi_5	Recovery	200	2.14	23503.506	3724.079		1	**Hi-Spk5**	**0%**
49	2013OCT20_SolvA_13							#DIV/0!		
50	2013OCT20_SolvA_14							#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01					#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05	2.14	505.881			0		
53	2013OCT20_0-1_Std_2	Standard	0.1	2.14	1048.834			0		
54	2013OCT20_0-5_Std_2	Standard	0.5	2.14	3895.83	57.991		1		
55	2013OCT20_1_Std_2	Standard	1	2.14	8686.971	198.558		1		
56	2013OCT20_5_Std_2	Standard	5	2.13	37669.715	469.969		1		
57	2013OCT20_10_Std_2	Standard	10	2.14	69883.414	1183.639		1		
58	2013OCT20_25_Std_2	Standard	25	2.14	182483.125	3573.969		1		
59	2013OCT20_50_Std_2	Standard	50	2.14	350509.531	6649.867		1		
60	2013OCT20_100_Std_2	Standard	100	2.14	633671.5	11918.054		1		
61	2013OCT20_200_Std_2	Standard	200	2.14	1126548.25	24134.182		1		
62	2013OCT20_SolvA_15							#DIV/0!		
63	2013OCT20_Surrogate_2							#DIV/0!		
64	2013OCT20_SolvA_16							#DIV/0!		

Compound 18: saccharine

Compound 18: saccharine

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**yes=1,no=0** **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							#DIV/0!		
2	2013OCT20_RO	Blank						#DIV/0!		
3	2013OCT20_Blk_1	Blank					23.283	#DIV/0!		
4	2013OCT20_Blk_2	Blank						#DIV/0!		
5	2013OCT20_0-01_Std	Standard	0.01					0		
6	2013OCT20_0-05_Std	Standard	0.05					0		
7	2013OCT20_0-1_Std	Standard	0.1	1.84	76.12		70.821	0		
8	2013OCT20_0-5_Std	Standard	0.5	1.84	420.026		527.603	0		
9	2013OCT20_1_Std	Standard	1	1.83	908.716	21.271	998.142	1		
10	2013OCT20_5_Std	Standard	5	1.83	5023.087	698.586	5547.447	1	5	32%
11	2013OCT20_10_Std	Standard	10	1.83	10294.299	1555.479	10403.491	1	10	36%
12	2013OCT20_25_Std	Standard	25	1.84	25021.693	3842.9	24957.461	1	25	32%
13	2013OCT20_50_Std	Standard	50	1.84	44469	6835.376	46778.395	1	50	17%
14	2013OCT20_100_Std	Standard	100	1.83	80991.914	12575.164	83667.195	1	100	7%
15	2013OCT20_200_Stds	Standard	200	1.84	146674.516	24182.607	152851.516	1	200	-3%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate							#DIV/0!		

18	2013OCT20_SolvA_4							#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	1.84	2767.562	430.438	2864.489	1	**Low-Spk1**	**-7%**
21	2013OCT20_Lo_2	Recovery	50	1.85	2442.336	292.294	2916.823	1	**Low-Spk2**	**-8%**
22	2013OCT20_Lo_3	Recovery	50	1.84	2115.313	271.965	2387.727	1	**Low-Spk3**	**-9%**
23	2013OCT20_Lo_4	Recovery	50	1.84	3117.304	530.032	3054.294	1	**Low-Spk4**	**-6%**
24	2013OCT20_Lo_5	Recovery	50	1.84	1785.594	29.488	2227.428	1	**Low-Spk5**	**-10%**
25	2013OCT20_SolvA_6							#DIV/0!		
26	2013OCT20_SolvA_7							#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	1.83	4885.042	618.696	4647.616	1	**Mid-Spk1**	**-1%**
28	2013OCT20_Mid_2	Recovery	100	1.84	5936.519	925.69	6721.154	1	**Mid-Spk2**	**1%**
29	2013OCT20_Mid_3	Recovery	100	1.85	5576.903	789.261	5907.181	1	**Mid-Spk3**	**0%**
30	2013OCT20_Mid_4	Recovery	100	1.84	5828.876	971.037	6221.254	1	**Mid-Spk4**	**1%**
31	2013OCT20_Mid_5	Recovery	100	1.84	4888.458	688.389	5296.659	1	**Mid-Spk5**	**-1%**
32	2013OCT20_SolvA_8							#DIV/0!		
33	2013OCT20_SolvA_9							#DIV/0!		
34	2013OCT20_Std Dil 200_1			1.84	63845.324	10128.342	70083.797	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10							#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	1.85	3759.677	474.509	3793.169	1	**Hi-Dil-Spk1**	**-3%**
37	2013OCT20_Dil_Hi_2	Recovery	100	1.84	2592.433	457.496	2959.805	1	**Hi-Dil-Spk2**	**-5%**
38	2013OCT20_Dil_Hi_3	Recovery	100	1.84	3351.085	391.736	3476.677	1	**Hi-Dil-Spk3**	**-3%**
39	2013OCT20_Dil_Hi_4	Recovery	100	1.84	3890.882	378.4	3890.028	1	**Hi-Dil-Spk4**	**-2%**
40	2013OCT20_Dil_Hi_5	Recovery	100	1.84	3820.581	510.79	4005.987	1	**Hi-Dil-Spk5**	**-2%**
41	2013OCT20_SolvA_11							#DIV/0!		
42	2013OCT20_Std Dil 200_2			1.84	64919.32	10008.92	68861.25	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12							#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	1.84	9539.101	1338.98	9619.849	1	**Hi-Spk1**	**3%**
45	2013OCT20_Hi_2	Recovery	200	1.84	6536.526	857.246	7070.003	1	**Hi-Spk2**	**1%**
46	2013OCT20_Hi_3	Recovery	200	1.84	8503.311	1143.138	8862.166	1	**Hi-Spk3**	**2%**
47	2013OCT20_Hi_4	Recovery	200	1.84	8650.919	1384.949	9127.903	1	**Hi-Spk4**	**2%**
48	2013OCT20_Hi_5	Recovery	200	1.84	8662.518	812.309	8422.462	1	**Hi-Spk5**	**2%**
49	2013OCT20_SolvA_13							#DIV/0!		
50	2013OCT20_SolvA_14							#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01					#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05					#DIV/0!		
53	2013OCT20_0-1_Std_2	Standard	0.1					#DIV/0!		
54	2013OCT20_0-5_Std_2	Standard	0.5	1.83	435.872		454.453	0		
55	2013OCT20_1_Std_2	Standard	1	1.84	742.917		999.528	0		
56	2013OCT20_5_Std_2	Standard	5	1.84	4771.268	569.097	5450.008	1		
57	2013OCT20_10_Std_2	Standard	10	1.83	8823.247	1592.014	10129.372	1		
58	2013OCT20_25_Std_2	Standard	25	1.83	24740.971	3677.604	25908.313	1		
59	2013OCT20_50_Std_2	Standard	50	1.84	40805.191	6362.845	43606.117	1		
60	2013OCT20_100_Std_2	Standard	100	1.83	79398.859	12046.532	82182.18	1		
61	2013OCT20_200_Std_2	Standard	200	1.84	139223.281	22569.133	148796.594	1		
62	2013OCT20_SolvA_15							#DIV/0!		
63	2013OCT20_Surrogate_2							#DIV/0!		

64	2013OCT20_SolvA_16							#DIV/0!		

Compound 19: 2.4-D

Compound 19: 2.4-D

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2						463.121	#DIV/0!		
2	2013OCT20_RO	Blank						#DIV/0!		
3	2013OCT20_Blk_1	Blank						#DIV/0!		
4	2013OCT20_Blk_2	Blank					66.367	#DIV/0!		
5	2013OCT20_0-01_Std	Standard	0.01					0		
6	2013OCT20_0-05_Std	Standard	0.05					0		
7	2013OCT20_0-1_Std	Standard	0.1					0		
8	2013OCT20_0-5_Std	Standard	0.5	6.17	1267.588		107.625	0		
9	2013OCT20_1_Std	Standard	1	6.18	2685.082	148.083	6.921	1	1.00	9%
10	2013OCT20_5_Std	Standard	5	6.17	15086.901	1681.479	149.352	1	5	23%
11	2013OCT20_10_Std	Standard	10	6.16	29260.26	2869.107	200.665	1	10	19%
12	2013OCT20_25_Std	Standard	25	6.15	73960.328	6021.511	1290.048	1	25	21%
13	2013OCT20_50_Std	Standard	50	6.15	139395.859	10837.955	2569.639	1	50	14%
14	2013OCT20_100_Std	Standard	100	6.15	259347.969	22332.135	4456.779	1	100	6%
15	2013OCT20_200_Stds	Standard	200	6.15	477557.406	43219.922	9121.994	1	200	-3%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate							#DIV/0!		
18	2013OCT20_SolvA_4						5.506	#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	6.15	148560.656	12911.081	3142.942	1	**Low-Spk1**	**117%**
21	2013OCT20_Lo_2	Recovery	50	6.15	123868.656	10697.262	2322.598	1	**Low-Spk2**	**96%**
22	2013OCT20_Lo_3	Recovery	50	6.15	120672.703	10580.753	2203.321	1	**Low-Spk3**	**93%**
23	2013OCT20_Lo_4	Recovery	50	6.15	131817.219	11823.49	2836.348	1	**Low-Spk4**	**103%**
24	2013OCT20_Lo_5	Recovery	50	6.15	112393.766	10271.267	2002.963	1	**Low-Spk5**	**86%**
25	2013OCT20_SolvA_6						47.808	#DIV/0!		
26	2013OCT20_SolvA_7							#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	6.15	253094.781	21737.459	5014.403	1	**Mid-Spk1**	**102%**
28	2013OCT20_Mid_2	Recovery	100	6.15	283728.969	23932.355	6468.854	1	**Mid-Spk2**	**115%**
29	2013OCT20_Mid_3	Recovery	100	6.15	263234.313	23773.199	5212.628	1	**Mid-Spk3**	**106%**
30	2013OCT20_Mid_4	Recovery	100	6.16	246883.109	21985.951	4472.765	1	**Mid-Spk4**	**100%**
31	2013OCT20_Mid_5	Recovery	100	6.17	254608.781	22406.58	5225.468	1	**Mid-Spk5**	**103%**
32	2013OCT20_SolvA_8							#DIV/0!		
33	2013OCT20_SolvA_9						55.546	#DIV/0!		
34	2013OCT20_Std Dil 200_1			6.17	252431.75	22721.539	5062.756	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10							#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	6.15	278407.656	24588.365	5079.601	1	**Hi-Dil-Spk1**	**111%**
37	2013OCT20_Dil_Hi_2	Recovery	100	6.15	252938.547	21711.029	5622.619	1	**Hi-Dil-Spk2**	**100%**
38	2013OCT20_Dil_Hi_3	Recovery	100	6.16	265058	23183.137	5343.359	1	**Hi-Dil-Spk3**	**105%**
39	2013OCT20_Dil_Hi_4	Recovery	100	6.15	287246.219	25689.061	6062.337	1	**Hi-Dil-Spk4**	**114%**
40	2013OCT20_Dil_Hi_5	Recovery	100	6.16	289991.438	26366.609	5737.39	1	**Hi-Dil-Spk5**	**115%**
41	2013OCT20_SolvA_11							#DIV/0!		
42	2013OCT20_Std Dil 200_2			6.15	249644.047	24098.314	5368.3	1	**Hi-Dil-Std**	

43	2013OCT20_SolvA_12							#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	6.15	528550.313	46480.75	10672.082	1	**Hi-Spk1**	**109%**
45	2013OCT20_Hi_2	Recovery	200	6.16	475060.281	43767.992	9268.388	1	**Hi-Spk2**	**98%**
46	2013OCT20_Hi_3	Recovery	200	6.16	501243.313	44670.359	10316.452	1	**Hi-Spk3**	**103%**
47	2013OCT20_Hi_4	Recovery	200	6.15	535977.875	47140.16	10132.882	1	**Hi-Spk4**	**110%**
48	2013OCT20_Hi_5	Recovery	200	6.16	524845.75	43512.039	9543.643	1	**Hi-Spk5**	**108%**
49	2013OCT20_SolvA_13						110.95	#DIV/0!		
50	2013OCT20_SolvA_14							#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01				109.632	#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05				29.138	#DIV/0!		
53	2013OCT20_0-1_Std_2	Standard	0.1				103.552	#DIV/0!		
54	2013OCT20_0-5_Std_2	Standard	0.5	6.15	1798.386	37.404	121.789	1		
55	2013OCT20_1_Std_2	Standard	1	6.17	2675.144	317.7		0		
56	2013OCT20_5_Std_2	Standard	5	6.16	15137.047	1196.314	460.903	1		
57	2013OCT20_10_Std_2	Standard	10	6.16	26310.174	2452.242	352.227	1		
58	2013OCT20_25_Std_2	Standard	25	6.16	71324.102	6291.097	833.712	1		
59	2013OCT20_50_Std_2	Standard	50	6.15	128125.344	11927.884	2771.765	1		
60	2013OCT20_100_Std_2	Standard	100	6.15	251619.172	22307.658	4970.124	1		
61	2013OCT20_200_Std_2	Standard	200	6.15	465230.906	44620.555	9811.837	1		
62	2013OCT20_SolvA_15							#DIV/0!		
63	2013OCT20_Surrogate_2							#DIV/0!		
64	2013OCT20_SolvA_16							#DIV/0!		

Compound 20: 13C-2.4-D

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area
1	2013OCT20_SolvA_2						
2	2013OCT20_RO	Blank		6.15	386694.719		
3	2013OCT20_Blk_1	Blank		6.15	391003.375		
4	2013OCT20_Blk_2	Blank		6.15	325205.781		
5	2013OCT20_0-01_Std	Standard	0.01	6.15	369973.813		
6	2013OCT20_0-05_Std	Standard	0.05	6.15	365813.219		
7	2013OCT20_0-1_Std	Standard	0.1	6.15	399646.344		
8	2013OCT20_0-5_Std	Standard	0.5	6.15	383498.219		
9	2013OCT20_1_Std	Standard	1	6.16	386929.5		
10	2013OCT20_5_Std	Standard	5	6.16	373436		
11	2013OCT20_10_Std	Standard	10	6.16	369635.688		
12	2013OCT20_25_Std	Standard	25	6.16	378027		
13	2013OCT20_50_Std	Standard	50	6.16	376515.75		
14	2013OCT20_100_Std	Standard	100	6.15	341566.656		
15	2013OCT20_200_Stds	Standard	200	6.15	337517.969		
16	2013OCT20_SolvA_3			6.11	183.729		
17	2013OCT20_Surrogate						
18	2013OCT20_SolvA_4						
19	2013OCT20_SolvA_5						
20	2013OCT20_Lo_1	Recovery	50	6.15	372853.781		
21	2013OCT20_Lo_2	Recovery	50	6.16	321248.75		
22	2013OCT20_Lo_3	Recovery	50	6.16	319542.594		

23	2013OCT20_Lo_4	Recovery	50	6.16	334533.875
24	2013OCT20_Lo_5	Recovery	50	6.16	285477.656
25	2013OCT20_SolvA_6				
26	2013OCT20_SolvA_7				
27	2013OCT20_Mid_1	Recovery	100	6.16	319097.094
28	2013OCT20_Mid_2	Recovery	100	6.16	368519.813
29	2013OCT20_Mid_3	Recovery	100	6.16	344483.25
30	2013OCT20_Mid_4	Recovery	100	6.16	317054.594
31	2013OCT20_Mid_5	Recovery	100	6.16	329384.563
32	2013OCT20_SolvA_8				
33	2013OCT20_SolvA_9				
34	2013OCT20_Std Dil 200_1			6.16	180248.641
35	2013OCT20_SolvA_10				
36	2013OCT20_Dil_Hi_1	Recovery	100	6.16	180891.031
37	2013OCT20_Dil_Hi_2	Recovery	100	6.16	163675.281
38	2013OCT20_Dil_Hi_3	Recovery	100	6.16	176508.078
39	2013OCT20_Dil_Hi_4	Recovery	100	6.16	189645.016
40	2013OCT20_Dil_Hi_5	Recovery	100	6.16	182639.563
41	2013OCT20_SolvA_11				
42	2013OCT20_Std Dil 200_2			6.16	179457.094
43	2013OCT20_SolvA_12				
44	2013OCT20_Hi_1	Recovery	200	6.16	351063.813
45	2013OCT20_Hi_2	Recovery	200	6.16	308069.344
46	2013OCT20_Hi_3	Recovery	200	6.16	329029.281
47	2013OCT20_Hi_4	Recovery	200	6.16	350155.75
48	2013OCT20_Hi_5	Recovery	200	6.16	349860.25
49	2013OCT20_SolvA_13				
50	2013OCT20_SolvA_14				
51	2013OCT20_0-01_Std_2	Standard	0.01	6.15	367863.25
52	2013OCT20_0-05_Std_2	Standard	0.05	6.15	359039.031
53	2013OCT20_0-1_Std_2	Standard	0.1	6.15	388489.5
54	2013OCT20_0-5_Std_2	Standard	0.5	6.15	374407.375
55	2013OCT20_1_Std_2	Standard	1	6.16	375188.281
56	2013OCT20_5_Std_2	Standard	5	6.16	363717.781
57	2013OCT20_10_Std_2	Standard	10	6.16	368273.875
58	2013OCT20_25_Std_2	Standard	25	6.16	356723.156
59	2013OCT20_50_Std_2	Standard	50	6.16	362933.031
60	2013OCT20_100_Std_2	Standard	100	6.15	330735.75
61	2013OCT20_200_Std_2	Standard	200	6.15	338136.188
62	2013OCT20_SolvA_15				
63	2013OCT20_Surrogate_2				
64	2013OCT20_SolvA_16				

Compound 22: AlachlorESA

Compound 22: AlachlorESA

	Name	Type	Std. Conc	RT	m/z 80 Area	m/z 160 1º Area	m/z 121 2º Area	**yes=1,no=0** **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							#DIV/0!		

2	2013OCT20_RO	Blank						#DIV/0!		
3	2013OCT20_Blk_1	Blank						#DIV/0!		
4	2013OCT20_Blk_2	Blank						#DIV/0!		
5	2013OCT20_0-01_Std	Standard	0.01					0		
6	2013OCT20_0-05_Std	Standard	0.05					0		
7	2013OCT20_0-1_Std	Standard	0.1					0		
8	2013OCT20_0-5_Std	Standard	0.5	5	4463.124	489.244	2907.557	1	1.00	16%
9	2013OCT20_1_Std	Standard	1	5	8739.387	1051.894	6065.498	1	2.00	13%
10	2013OCT20_5_Std	Standard	5	4.99	42760.785	4702.048	30803.453	1	10	11%
11	2013OCT20_10_Std	Standard	10	4.98	83474.523	8942.25	58667.91	1	20	8%
12	2013OCT20_25_Std	Standard	25	4.99	215577.484	23419.539	150331.031	1	50	12%
13	2013OCT20_50_Std	Standard	50	4.99	406605.094	45684.926	288990.438	1	100	5%
14	2013OCT20_100_Std	Standard	100	4.98	792565.125	89488.203	570528.625	1	200	3%
15	2013OCT20_200_Stds	Standard	200	4.98	1523286.75	171146.219	1103317.125	1	400	-1%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate							#DIV/0!		
18	2013OCT20_SolvA_4							#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	4.99	438738	49252.938	315642.469	1	**Low-Spk1**	**112%**
21	2013OCT20_Lo_2	Recovery	50	4.98	359612.438	39549.461	255557.813	1	**Low-Spk2**	**91%**
22	2013OCT20_Lo_3	Recovery	50	4.98	368886.469	40407.816	261333.703	1	**Low-Spk3**	**94%**
23	2013OCT20_Lo_4	Recovery	50	4.99	340423.438	37521.547	245755.453	1	**Low-Spk4**	**86%**
24	2013OCT20_Lo_5	Recovery	50	4.99	341600.094	37178.398	243184.766	1	**Low-Spk5**	**87%**
25	2013OCT20_SolvA_6							#DIV/0!		
26	2013OCT20_SolvA_7							#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	4.99	458270.344	49560.391	325640.875	1	**Mid-Spk1**	**59%**
28	2013OCT20_Mid_2	Recovery	100	4.98	836223.813	94765.945	603973.125	1	**Mid-Spk2**	**108%**
29	2013OCT20_Mid_3	Recovery	100	4.99	752977.313	83330.75	544104.125	1	**Mid-Spk3**	**97%**
30	2013OCT20_Mid_4	Recovery	100	4.99	690401.438	75458.219	487420.344	1	**Mid-Spk4**	**89%**
31	2013OCT20_Mid_5	Recovery	100	4.99	732849.375	82027.688	524564.625	1	**Mid-Spk5**	**95%**
32	2013OCT20_SolvA_8							#DIV/0!		
33	2013OCT20_SolvA_9							#DIV/0!		
34	2013OCT20_Std Dil 200_1			4.99	739327.688	80382.883	528616.125	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10							#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	4.99	684119.375	76435.781	488184.313	1	**Hi-Dil-Spk1**	**92%**
37	2013OCT20_Dil_Hi_2	Recovery	100	4.99	735582.625	80859.07	525155.5	1	**Hi-Dil-Spk2**	**99%**
38	2013OCT20_Dil_Hi_3	Recovery	100	4.99	613729.25	66765.453	441631.781	1	**Hi-Dil-Spk3**	**83%**
39	2013OCT20_Dil_Hi_4	Recovery	100	4.99	621740.563	67637.75	439924.25	1	**Hi-Dil-Spk4**	**84%**
40	2013OCT20_Dil_Hi_5	Recovery	100	4.99	496445.781	55364.543	356337.563	1	**Hi-Dil-Spk5**	**67%**
41	2013OCT20_SolvA_11							#DIV/0!		
42	2013OCT20_Std Dil 200_2			4.99	738065.688	81238.961	530257.75	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12							#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	4.99	1418843.375	157369.016	1018471.063	1	**Hi-Spk1**	**92%**
45	2013OCT20_Hi_2	Recovery	200	4.99	1515089.125	167527.672	1099798.375	1	**Hi-Spk2**	**99%**
46	2013OCT20_Hi_3	Recovery	200	4.99	1264049.875	140734.266	901873.125	1	**Hi-Spk3**	**82%**
47	2013OCT20_Hi_4	Recovery	200	4.99	1265547.375	138768.391	916938.813	1	**Hi-Spk4**	**82%**

48	2013OCT20_Hi_5	Recovery	200	4.99	1014003.75	111633.523	724410.375	1	**Hi-Spk5**	**66%**
49	2013OCT20_SolvA_13							#DIV/0!		
50	2013OCT20_SolvA_14							#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01					#DIV/0!		
52	2013OCT20_0-05_Std_2	Standard	0.05					#DIV/0!		
53	2013OCT20_0-1_Std_2	Standard	0.1					#DIV/0!		
54	2013OCT20_0-5_Std_2	Standard	0.5	5.03	4714.414	385.621	2902.885	1		
55	2013OCT20_1_Std_2	Standard	1	5.03	8999.618	843.15	6489.494	1		
56	2013OCT20_5_Std_2	Standard	5	5.02	43967.035	4904.281	30660.787	1		
57	2013OCT20_10_Std_2	Standard	10	4.99	85523.992	8960.527	59492.586	1		
58	2013OCT20_25_Std_2	Standard	25	5	211044.203	22181.732	149826.219	1		
59	2013OCT20_50_Std_2	Standard	50	5	398167.031	42648.234	282573.781	1		
60	2013OCT20_100_Std_2	Standard	100	4.99	801411.125	88071.383	567128.938	1		
61	2013OCT20_200_Std_2	Standard	200	4.99	1501346.875	168835.094	1079719	1		
62	2013OCT20_SolvA_15							#DIV/0!		
63	2013OCT20_Surrogate_2							#DIV/0!		
64	2013OCT20_SolvA_16							#DIV/0!		

Compound 24: Metolachlor ESA

Compound 24: Metolachlor ESA

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**yes=1,no=0** **Ident'd?**	Conc (ng/g)	**%diff**
1	2013OCT20_SolvA_2							#DIV/0!		
2	2013OCT20_RO	Blank						#DIV/0!		
3	2013OCT20_Blk_1	Blank						#DIV/0!		
4	2013OCT20_Blk_2	Blank						#DIV/0!		
5	2013OCT20_0-01_Std	Standard	0.01					0		
6	2013OCT20_0-05_Std	Standard	0.05	5.26	627.878			0	0.05	128%
7	2013OCT20_0-1_Std	Standard	0.1	5.26	775.056	180.579		0	0.10	40%
8	2013OCT20_0-5_Std	Standard	0.5	5.26	2950.073	2184.044	136.313	1	0.50	7%
9	2013OCT20_1_Std	Standard	1	5.27	6168.148	3667.976	916.502	1	1.00	12%
10	2013OCT20_5_Std	Standard	5	5.27	29374.859	19253.162	1774.744	1	5	6%
11	2013OCT20_10_Std	Standard	10	5.27	57925.609	38509.809	5515.06	1	10	5%
12	2013OCT20_25_Std	Standard	25	5.27	148794.875	93797.023	17980.941	1	25	8%
13	2013OCT20_50_Std	Standard	50	5.27	286631.406	172956.344	30581.441	1	50	4%
14	2013OCT20_100_Std	Standard	100	5.26	566152.25	354294.75	62913.371	1	100	3%
15	2013OCT20_200_Stds	Standard	200	5.26	1092459.625	683586.625	121401.422	1	200	-1%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate							#DIV/0!		
18	2013OCT20_SolvA_4							#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	5.27	316060.219	195978.531	33495.789	1	**Low-Spk1**	**114%**
21	2013OCT20_Lo_2	Recovery	50	5.27	261579.469	171608.453	28964.613	1	**Low-Spk2**	**94%**
22	2013OCT20_Lo_3	Recovery	50	5.27	266132.375	168161.281	29766.105	1	**Low-Spk3**	**95%**
23	2013OCT20_Lo_4	Recovery	50	5.27	251957.813	151470.891	26906.02	1	**Low-Spk4**	**90%**
24	2013OCT20_Lo_5	Recovery	50	5.27	245821.25	148926.75	28508.387	1	**Low-Spk5**	**88%**
25	2013OCT20_SolvA_6							#DIV/0!		
26	2013OCT20_SolvA_7							#DIV/0!		

27	2013OCT20_Mid_1	Recovery	100	5.27	331260.25	208034.281	35135.465	1	**Mid-Spk1**	**60%**
28	2013OCT20_Mid_2	Recovery	100	5.27	615535.625	384710.594	69455.969	1	**Mid-Spk2**	**111%**
29	2013OCT20_Mid_3	Recovery	100	5.27	541766.125	342867.469	59348.637	1	**Mid-Spk3**	**98%**
30	2013OCT20_Mid_4	Recovery	100	5.28	489038.469	306546.906	55453.125	1	**Mid-Spk4**	**88%**
31	2013OCT20_Mid_5	Recovery	100	5.28	524185.688	330851.281	55934.781	1	**Mid-Spk5**	**95%**
32	2013OCT20_SolvA_8							#DIV/0!		
33	2013OCT20_SolvA_9							#DIV/0!		
34	2013OCT20_Std Dil 200_1			5.28	522288.531	320211.156	53174.207	1	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10							#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	5.28	497920.375	311609.969	51406.594	1	**Hi-Dil-Spk1**	**95%**
37	2013OCT20_Dil_Hi_2	Recovery	100	5.28	534852.438	337054	58805.309	1	**Hi-Dil-Spk2**	**102%**
38	2013OCT20_Dil_Hi_3	Recovery	100	5.28	449787.375	280865.375	51501.289	1	**Hi-Dil-Spk3**	**86%**
39	2013OCT20_Dil_Hi_4	Recovery	100	5.28	454494.281	280763.094	51313.023	1	**Hi-Dil-Spk4**	**87%**
40	2013OCT20_Dil_Hi_5	Recovery	100	5.28	353613.313	225159.797	38916.613	1	**Hi-Dil-Spk5**	**67%**
41	2013OCT20_SolvA_11							#DIV/0!		
42	2013OCT20_Std Dil 200_2			5.28	521528.844	328827.031	56655.809	1	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12							#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	5.28	1029914.188	641406.563	112627.648	1	**Hi-Spk1**	**93%**
45	2013OCT20_Hi_2	Recovery	200	5.28	1136442.625	704021.125	116782.398	1	**Hi-Spk2**	**103%**
46	2013OCT20_Hi_3	Recovery	200	5.28	930664.563	584085	103677.039	1	**Hi-Spk3**	**84%**
47	2013OCT20_Hi_4	Recovery	200	5.28	934121.563	583059.813	101837.461	1	**Hi-Spk4**	**85%**
48	2013OCT20_Hi_5	Recovery	200	5.28	730747.125	448844.656	78383.773	1	**Hi-Spk5**	**66%**
49	2013OCT20_SolvA_13							#DIV/0!		
50	2013OCT20_SolvA_14							#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01	5.28	187.354	231.979		0		
52	2013OCT20_0-05_Std_2	Standard	0.05	5.28	469.503	206.244		0		
53	2013OCT20_0-1_Std_2	Standard	0.1	5.3	417.786	426.482		0		
54	2013OCT20_0-5_Std_2	Standard	0.5	5.29	2697.642	1489.306	523.268	1		
55	2013OCT20_1_Std_2	Standard	1	5.29	6218.25	4586.158	552.008	1		
56	2013OCT20_5_Std_2	Standard	5	5.29	29995.012	19867.434	3213.635	1		
57	2013OCT20_10_Std_2	Standard	10	5.29	61306.277	38517.516	6345.833	1		
58	2013OCT20_25_Std_2	Standard	25	5.29	151675.703	98509.508	16493.461	1		
59	2013OCT20_50_Std_2	Standard	50	5.29	282656.656	183765.688	29242.131	1		
60	2013OCT20_100_Std_2	Standard	100	5.28	559473.625	353776.125	61748.313	1		
61	2013OCT20_200_Std_2	Standard	200	5.28	1082412.125	677419.625	121183.977	1		
62	2013OCT20_SolvA_15							#DIV/0!		
63	2013OCT20_Surrogate_2			5.24	169.703			#DIV/0!		
64	2013OCT20_SolvA_16							#DIV/0!		

Compound 25: Sucralose

Compound 25: Sucralose

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	yes=1,no=0 **Ident'd?**	Conc (ng/g)	%diff
1	2013OCT20_SolvA_2							#DIV/0!		
2	2013OCT20_RO	Blank						#DIV/0!		
3	2013OCT20_Blk_1	Blank						#DIV/0!		
4	2013OCT20_Blk_2	Blank						#DIV/0!		
5	2013OCT20_0-01_Std	Standard	0.01					0		

6	2013OCT20_0-05_Std	Standard	0.05					0		
7	2013OCT20_0-1_Std	Standard	0.1					0		
8	2013OCT20_0-5_Std	Standard	0.5					0		
9	2013OCT20_1_Std	Standard	1					0		
10	2013OCT20_5_Std	Standard	5	2.23	175.396	309.628		0	5	10%
11	2013OCT20_10_Std	Standard	10	2.24	345.022	328.995		0	10	8%
12	2013OCT20_25_Std	Standard	25	2.24	822.621	218.126		0	25	3%
13	2013OCT20_50_Std	Standard	50	2.24	1883.25	187.853		0	50	18%
14	2013OCT20_100_Std	Standard	100	2.24	3341.492	131.385		0	100	5%
15	2013OCT20_200_Stds	Standard	200	2.24	6221.944	318.607	258.089	0	200	-2%
16	2013OCT20_SolvA_3							#DIV/0!		
17	2013OCT20_Surrogate							#DIV/0!		
18	2013OCT20_SolvA_4							#DIV/0!		
19	2013OCT20_SolvA_5							#DIV/0!		**%Recovery**
20	2013OCT20_Lo_1	Recovery	50	2.24	1489.378	155.211		0	**Low-Spk1**	**89%**
21	2013OCT20_Lo_2	Recovery	50	2.24	1440.8	383.861	79.797	0	**Low-Spk2**	**86%**
22	2013OCT20_Lo_3	Recovery	50	2.24	1729.151	373.258	99.506	0	**Low-Spk3**	**104%**
23	2013OCT20_Lo_4	Recovery	50	2.24	1573.251	271.651	62.829	0	**Low-Spk4**	**94%**
24	2013OCT20_Lo_5	Recovery	50	2.24	1231.655	125.049		0	**Low-Spk5**	**72%**
25	2013OCT20_SolvA_6							#DIV/0!		
26	2013OCT20_SolvA_7							#DIV/0!		
27	2013OCT20_Mid_1	Recovery	100	2.24	2768.517	423.166	149.01	0	**Mid-Spk1**	**86%**
28	2013OCT20_Mid_2	Recovery	100	2.24	3477.918	386.762	132.674	0	**Mid-Spk2**	**108%**
29	2013OCT20_Mid_3	Recovery	100	2.24	2977.513	429.323	98.996	0	**Mid-Spk3**	**92%**
30	2013OCT20_Mid_4	Recovery	100	2.24	3015.635	300.497	100.417	0	**Mid-Spk4**	**93%**
31	2013OCT20_Mid_5	Recovery	100	2.24	2867.791	296.601	84.179	0	**Mid-Spk5**	**89%**
32	2013OCT20_SolvA_8							#DIV/0!		
33	2013OCT20_SolvA_9							#DIV/0!		
34	2013OCT20_Std Dil 200_1			2.24	2207.746	134.101	160.714	0	**Hi-Dil-Std**	
35	2013OCT20_SolvA_10							#DIV/0!		
36	2013OCT20_Dil_Hi_1	Recovery	100	2.24	2930.686	115.45	150.14	0	**Hi-Dil-Spk1**	
37	2013OCT20_Dil_Hi_2	Recovery	100	2.24	3156.855	132.374	76.759	0	**Hi-Dil-Spk2**	
38	2013OCT20_Dil_Hi_3	Recovery	100	2.24	3206.854	63.211	211.593	0	**Hi-Dil-Spk3**	
39	2013OCT20_Dil_Hi_4	Recovery	100	2.23	2889.231	211.931	116.505	0	**Hi-Dil-Spk4**	
40	2013OCT20_Dil_Hi_5	Recovery	100	2.24	3296.791	165.899	187.997	0	**Hi-Dil-Spk5**	
41	2013OCT20_SolvA_11							#DIV/0!		
42	2013OCT20_Std Dil 200_2			2.24	2697.857			0	**Hi-Dil-Std**	
43	2013OCT20_SolvA_12							#DIV/0!		
44	2013OCT20_Hi_1	Recovery	200	2.24	6242.916	420.534	483.091	0	**Hi-Spk1**	**99%**
45	2013OCT20_Hi_2	Recovery	200	2.24	5864.692	430.743		0	**Hi-Spk2**	**93%**
46	2013OCT20_Hi_3	Recovery	200	2.24	5798.147	455.84	303.906	0	**Hi-Spk3**	**92%**
47	2013OCT20_Hi_4	Recovery	200	2.24	7531.979		344.686	0	**Hi-Spk4**	**119%**
48	2013OCT20_Hi_5	Recovery	200	2.24	7765.408	232.282	961.858	0	**Hi-Spk5**	**123%**
49	2013OCT20_SolvA_13							#DIV/0!		
50	2013OCT20_SolvA_14							#DIV/0!		
51	2013OCT20_0-01_Std_2	Standard	0.01					#DIV/0!		

52	2013OCT20_0-05_Std_2	Standard	0.05					#DIV/0!
53	2013OCT20_0-1_Std_2	Standard	0.1					#DIV/0!
54	2013OCT20_0-5_Std_2	Standard	0.5					#DIV/0!
55	2013OCT20_1_Std_2	Standard	1					#DIV/0!
56	2013OCT20_5_Std_2	Standard	5	2.24	74.011	110.547		0
57	2013OCT20_10_Std_2	Standard	10	2.24	306.552	280.679		0
58	2013OCT20_25_Std_2	Standard	25	2.24	896.121	340.598		1
59	2013OCT20_50_Std_2	Standard	50	2.23	1765.331	210.901		0
60	2013OCT20_100_Std_2	Standard	100	2.24	2794.202	156.215	273.953	0
61	2013OCT20_200_Std_2	Standard	200	2.24	6689.718	365.696	166.053	0
62	2013OCT20_SolvA_15							#DIV/0!
63	2013OCT20_Surrogate_2							#DIV/0!
64	2013OCT20_SolvA_16							#DIV/0!

Compound 26: Sucralose-d6

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area
1	2013OCT20_SolvA_2						
2	2013OCT20_RO	Blank		2.22	3590.298		
3	2013OCT20_Blk_1	Blank		2.23	2878.638		
4	2013OCT20_Blk_2	Blank		2.23	2422.799		
5	2013OCT20_0-01_Std	Standard	0.01	2.22	2903.235		
6	2013OCT20_0-05_Std	Standard	0.05	2.22	2486.114		
7	2013OCT20_0-1_Std	Standard	0.1	2.22	3016.804		
8	2013OCT20_0-5_Std	Standard	0.5	2.22	2913.839		
9	2013OCT20_1_Std	Standard	1	2.23	2861.819		
10	2013OCT20_5_Std	Standard	5	2.23	2948.735		
11	2013OCT20_10_Std	Standard	10	2.23	3234.051		
12	2013OCT20_25_Std	Standard	25	2.22	2680.855		
13	2013OCT20_50_Std	Standard	50	2.22	3272.881		
14	2013OCT20_100_Std	Standard	100	2.22	2704.754		
15	2013OCT20_200_Stds	Standard	200	2.23	2621.411		
16	2013OCT20_SolvA_3						
17	2013OCT20_Surrogate						
18	2013OCT20_SolvA_4						
19	2013OCT20_SolvA_5						
20	2013OCT20_Lo_1	Recovery	50	2.23	3110.242		
21	2013OCT20_Lo_2	Recovery	50	2.23	2188.595		
22	2013OCT20_Lo_3	Recovery	50	2.22	3045.15		
23	2013OCT20_Lo_4	Recovery	50	2.22	2901.623		
24	2013OCT20_Lo_5	Recovery	50	2.22	2061.039		
25	2013OCT20_SolvA_6						
26	2013OCT20_SolvA_7						
27	2013OCT20_Mid_1	Recovery	100	2.22	2073.652		
28	2013OCT20_Mid_2	Recovery	100	2.22	2628.699		
29	2013OCT20_Mid_3	Recovery	100	2.23	2914.037		
30	2013OCT20_Mid_4	Recovery	100	2.23	2381.389		
31	2013OCT20_Mid_5	Recovery	100	2.23	2893.751		

32	2013OCT20_SolvA_8				
33	2013OCT20_SolvA_9				
34	2013OCT20_Std Dil 200_1			2.23	1119.215
35	2013OCT20_SolvA_10				
36	2013OCT20_Dil_Hi_1	Recovery	100	2.23	1135.795
37	2013OCT20_Dil_Hi_2	Recovery	100	2.22	1098.588
38	2013OCT20_Dil_Hi_3	Recovery	100	2.22	1228.605
39	2013OCT20_Dil_Hi_4	Recovery	100	2.22	1309.365
40	2013OCT20_Dil_Hi_5	Recovery	100	2.23	1036.93
41	2013OCT20_SolvA_11				
42	2013OCT20_Std Dil 200_2			2.23	873.075
43	2013OCT20_SolvA_12				
44	2013OCT20_Hi_1	Recovery	200	2.22	1953.756
45	2013OCT20_Hi_2	Recovery	200	2.23	2763.445
46	2013OCT20_Hi_3	Recovery	200	2.23	3126.713
47	2013OCT20_Hi_4	Recovery	200	2.22	3217.482
48	2013OCT20_Hi_5	Recovery	200	2.23	3250.438
49	2013OCT20_SolvA_13				
50	2013OCT20_SolvA_14				
51	2013OCT20_0-01_Std_2	Standard	0.01	2.22	2791.705
52	2013OCT20_0-05_Std_2	Standard	0.05	2.22	2558.223
53	2013OCT20_0-1_Std_2	Standard	0.1	2.22	3252.653
54	2013OCT20_0-5_Std_2	Standard	0.5	2.22	2966.792
55	2013OCT20_1_Std_2	Standard	1	2.22	3104.886
56	2013OCT20_5_Std_2	Standard	5	2.22	2751.804
57	2013OCT20_10_Std_2	Standard	10	2.22	3045.837
58	2013OCT20_25_Std_2	Standard	25	2.22	3378.786
59	2013OCT20_50_Std_2	Standard	50	2.23	3124.938
60	2013OCT20_100_Std_2	Standard	100	2.22	2892.33
61	2013OCT20_200_Std_2	Standard	200	2.23	2647.48
62	2013OCT20_SolvA_15				
63	2013OCT20_Surrogate_2				
64	2013OCT20_SolvA_16				

APPENDIX C – Nutrient Analysis report

C.1 Data provided by ENVIRO-CHEM LABORATORIES, INC. for Choptank River samples

Lab#	SampleID	TestName	Flag	Reported Result	Units	Calc_ RDL
ECL029601-001	Horn Pt. Lab	Kjeldahl Nitrogen		0.8	mg/L	0.4
ECL029601-001	Horn Pt. Lab	Nitrate & Nitrite	<	0.050	mg/L	0.050
ECL029601-001	Horn Pt. Lab	Phosphorus, Ortho, P		0.03	mg/L P	0.01
ECL029601-001	Horn Pt. Lab	Phosphorus, P		0.05	mg/L P	0.05
ECL029601-002	50 Bridge1	Kjeldahl Nitrogen		0.7	mg/L	0.4
ECL029601-002	50 Bridge1	Nitrate & Nitrite		0.064	mg/L	0.050
ECL029601-002	50 Bridge1	Phosphorus, Ortho, P		0.03	mg/L P	0.01
ECL029601-002	50 Bridge1	Phosphorus, P		0.07	mg/L P	0.05
ECL029601-003	50 Bridge 2	Kjeldahl Nitrogen		0.8	mg/L	0.4
ECL029601-003	50 Bridge 2	Nitrate & Nitrite		0.078	mg/L	0.050
ECL029601-003	50 Bridge 2	Phosphorus, Ortho, P		0.04	mg/L P	0.01
ECL029601-003	50 Bridge 2	Phosphorus, P		0.06	mg/L P	0.05
ECL029601-004	50 Bridge Further Pt	Kjeldahl Nitrogen		0.8	mg/L	0.4
ECL029601-004	50 Bridge Further Pt	Nitrate & Nitrite		0.230	mg/L	0.050
ECL029601-004	50 Bridge Further Pt	Phosphorus, Ortho, P		0.04	mg/L P	0.01
ECL029601-004	50 Bridge Further Pt	Phosphorus, P		0.07	mg/L P	0.05
ECL029601-005	NOAA-Oxford	Kjeldahl Nitrogen		0.8	mg/L	0.4
ECL029601-005	NOAA-Oxford	Nitrate & Nitrite	<	0.050	mg/L	0.050
ECL029601-005	NOAA-Oxford	Phosphorus, Ortho, P		0.03	mg/L P	0.01
ECL029601-005	NOAA-Oxford	Phosphorus, P	<	0.05	mg/L P	0.05
ECL029601-006	Frazier Pt Ln	Kjeldahl Nitrogen		0.8	mg/L	0.4
ECL029601-006	Frazier Pt Ln	Nitrate & Nitrite		1.06	mg/L	0.050
ECL029601-006	Frazier Pt Ln	Phosphorus, Ortho, P		0.17	mg/L P	0.01
ECL029601-006	Frazier Pt Ln	Phosphorus, P		0.18	mg/L P	0.05
ECL029601-007	Swing bridge	Kjeldahl Nitrogen		1.0	mg/L	0.4
ECL029601-007	Swing bridge	Nitrate & Nitrite		1.14	mg/L	0.050
ECL029601-007	Swing bridge	Phosphorus, Ortho, P		0.17	mg/L P	0.01
ECL029601-007	Swing bridge	Phosphorus, P		0.19	mg/L P	0.05
ECL029601-008	Kingston Landing 1	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029601-008	Kingston Landing 1	Nitrate & Nitrite		1.20	mg/L	0.050
ECL029601-008	Kingston Landing 1	Phosphorus, Ortho, P		0.17	mg/L P	0.01
ECL029601-008	Kingston Landing 1	Phosphorus, P		0.22	mg/L P	0.05
ECL029601-009	Kingston Landing 2	Kjeldahl Nitrogen		0.9	mg/L	0.4
ECL029601-009	Kingston Landing 2	Nitrate & Nitrite		1.25	mg/L	0.050

Lab#	SampleID	TestName	Flag	Reported Result	Units	Calc_ RDL
ECL029601-009	Kingston Landing 2	Phosphorus, Ortho, P		0.17	mg/L P	0.01
ECL029601-009	Kingston Landing 2	Phosphorus, P		0.22	mg/L P	0.05
ECL029601-010	Cordova	Kjeldahl Nitrogen		0.7	mg/L	0.4
ECL029601-010	Cordova	Nitrate & Nitrite		7.95	mg/L	0.250
ECL029601-010	Cordova	Phosphorus, Ortho, P		0.10	mg/L P	0.01
ECL029601-010	Cordova	Phosphorus, P		0.09	mg/L P	0.05
ECL029601-011	German Branch	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029601-011	German Branch	Nitrate & Nitrite		5.49	mg/L	0.250
ECL029601-011	German Branch	Phosphorus, Ortho, P		0.20	mg/L P	0.01
ECL029601-011	German Branch	Phosphorus, P		0.17	mg/L P	0.05
ECL029601-012	Tuckahoe gage 1	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029601-012	Tuckahoe gage 1	Nitrate & Nitrite		5.46	mg/L	0.250
ECL029601-012	Tuckahoe gage 1	Phosphorus, Ortho, P		0.11	mg/L P	0.01
ECL029601-012	Tuckahoe gage 1	Phosphorus, P		0.12	mg/L P	0.05
ECL029601-013	Tuckahoe gage 2	Kjeldahl Nitrogen		1.0	mg/L	0.4
ECL029601-013	Tuckahoe gage 2	Nitrate & Nitrite		5.13	mg/L	0.250
ECL029601-013	Tuckahoe gage 2	Phosphorus, Ortho, P		0.10	mg/L P	0.01
ECL029601-013	Tuckahoe gage 2	Phosphorus, P		0.12	mg/L P	0.05
ECL029601-014	Greensboro 1	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029601-014	Greensboro 1	Nitrate & Nitrite		1.43	mg/L	0.050
ECL029601-014	Greensboro 1	Phosphorus, Ortho, P		0.17	mg/L P	0.01
ECL029601-014	Greensboro 1	Phosphorus, P		0.14	mg/L P	0.05
ECL029601-015	Greensboro gage 2	Kjeldahl Nitrogen		8.7	mg/L	0.4
ECL029601-015	Greensboro gage 2	Nitrate & Nitrite		1.50	mg/L	0.050
ECL029601-015	Greensboro gage 2	Phosphorus, Ortho, P		0.16	mg/L P	0.01
ECL029601-015	Greensboro gage 2	Phosphorus, P		0.14	mg/L P	0.05
ECL029601-016	Beaver Dam	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029601-016	Beaver Dam	Nitrate & Nitrite		5.17	mg/L	0.250
ECL029601-016	Beaver Dam	Phosphorus, Ortho, P		0.09	mg/L P	0.01
ECL029601-016	Beaver Dam	Phosphorus, P		0.09	mg/L P	0.05
ECL029601-017	Long Marsh	Kjeldahl Nitrogen		1.3	mg/L	0.4
ECL029601-017	Long Marsh	Nitrate & Nitrite		2.28	mg/L	0.100
ECL029601-017	Long Marsh	Phosphorus, Ortho, P		0.15	mg/L P	0.01
ECL029601-017	Long Marsh	Phosphorus, P		0.13	mg/L P	0.05
ECL029601-018	Preston Landing	Kjeldahl Nitrogen		0.7	mg/L	0.4
ECL029601-018	Preston Landing	Nitrate & Nitrite		0.971	mg/L	0.050
ECL029601-018	Preston Landing	Phosphorus, Ortho, P		0.12	mg/L P	0.01
ECL029601-018	Preston Landing	Phosphorus, P		0.15	mg/L P	0.05

C.2 Data provided by ENVIRO-CHEM LABORATORIES, INC. for Anacostia River samples

Lab#	SampleID	TestName	Flag	Reported Result	Units	Calc_ RDL
ECL029713-001	North Dr Bridge 1	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029713-001	North Dr Bridge 1	Nitrate & Nitrite		0.739	mg/L	0.050
ECL029713-001	North Dr Bridge 1	Phosphorus, Ortho, P	<	0.01	mg/L P	0.01
ECL029713-001	North Dr Bridge 1	Phosphorus, P	<	0.05	mg/L P	0.05
ECL029713-002	North Dr Bridge 2	Kjeldahl Nitrogen		1.9	mg/L	0.4
ECL029713-002	North Dr Bridge 2	Nitrate & Nitrite		0.733	mg/L	0.050
ECL029713-002	North Dr Bridge 2	Phosphorus, Ortho, P	<	0.01	mg/L P	0.01
ECL029713-002	North Dr Bridge 2	Phosphorus, P	<	0.05	mg/L P	0.05
ECL029713-003	Research Rd Bridge	Kjeldahl Nitrogen		2.3	mg/L	0.4
ECL029713-003	Research Rd Bridge	Nitrate & Nitrite		0.279	mg/L	0.050
ECL029713-003	Research Rd Bridge	Phosphorus, Ortho, P		0.04	mg/L P	0.01
ECL029713-003	Research Rd Bridge	Phosphorus, P		0.07	mg/L P	0.05
ECL029713-004	Powder Mill Rd	Kjeldahl Nitrogen		1.1	mg/L	0.4
ECL029713-004	Powder Mill Rd	Nitrate & Nitrite		1.06	mg/L	0.050
ECL029713-004	Powder Mill Rd	Phosphorus, Ortho, P	<	0.01	mg/L P	0.01
ECL029713-004	Powder Mill Rd	Phosphorus, P	<	0.05	mg/L P	0.05
ECL029713-005	UMD Paint Branch	Kjeldahl Nitrogen		0.8	mg/L	0.4
ECL029713-005	UMD Paint Branch	Nitrate & Nitrite		0.594	mg/L	0.050
ECL029713-005	UMD Paint Branch	Phosphorus, Ortho, P	<	0.01	mg/L P	0.01
ECL029713-005	UMD Paint Branch	Phosphorus, P	<	0.05	mg/L P	0.05
ECL029713-006	Berwyn Rd	Kjeldahl Nitrogen		0.4	mg/L	0.4
ECL029713-006	Berwyn Rd	Nitrate & Nitrite		0.918	mg/L	0.050
ECL029713-006	Berwyn Rd	Phosphorus, Ortho, P		0.12	mg/L P	0.01
ECL029713-006	Berwyn Rd	Phosphorus, P		0.11	mg/L P	0.05
ECL029713-007	Arboretum 1	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029713-007	Arboretum 1	Nitrate & Nitrite		0.325	mg/L	0.050
ECL029713-007	Arboretum 1	Phosphorus, Ortho, P		0.02	mg/L P	0.01
ECL029713-007	Arboretum 1	Phosphorus, P		0.06	mg/L P	0.05
ECL029713-008	Arboretum 2	Kjeldahl Nitrogen		0.8	mg/L	0.4
ECL029713-008	Arboretum 2	Nitrate & Nitrite		0.316	mg/L	0.050
ECL029713-008	Arboretum 2	Phosphorus, Ortho, P		0.02	mg/L P	0.01
ECL029713-008	Arboretum 2	Phosphorus, P		0.07	mg/L P	0.05
ECL029713-009	Skateboard Park	Kjeldahl Nitrogen		0.5	mg/L	0.4
ECL029713-009	Skateboard Park	Nitrate & Nitrite		0.545	mg/L	0.050
ECL029713-009	Skateboard Park	Phosphorus, Ortho, P	<	0.01	mg/L P	0.01
ECL029713-009	Skateboard Park	Phosphorus, P	<	0.05	mg/L P	0.05
ECL029713-010	Sligo Creek	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029713-010	Sligo Creek	Nitrate & Nitrite		0.714	mg/L	0.050
ECL029713-010	Sligo Creek	Phosphorus, Ortho, P		0.04	mg/L P	0.01
ECL029713-010	Sligo Creek	Phosphorus, P		0.06	mg/L P	0.05

Lab#	SampleID	TestName	Flag	Reported Result	Units	Calc_ RDL
ECL029713-011	Riverdale Rd Gage	Kjeldahl Nitrogen		0.6	mg/L	0.4
ECL029713-011	Riverdale Rd Gage	Nitrate & Nitrite		0.507	mg/L	0.050
ECL029713-011	Riverdale Rd Gage	Phosphorus, Ortho, P		0.03	mg/L P	0.01
ECL029713-011	Riverdale Rd Gage	Phosphorus, P		0.05	mg/L P	0.05
ECL029713-012	Anacostia River Park	Kjeldahl Nitrogen		1.0	mg/L	0.4
ECL029713-012	Anacostia River Park	Nitrate & Nitrite		0.316	mg/L	0.050
ECL029713-012	Anacostia River Park	Phosphorus, Ortho, P		0.02	mg/L P	0.01
ECL029713-012	Anacostia River Park	Phosphorus, P	<	0.05	mg/L P	0.05
ECL029713-013	Greenbelt National Park	Kjeldahl Nitrogen	<	0.4	mg/L	0.4
ECL029713-013	Greenbelt National Park	Nitrate & Nitrite		0.332	mg/L	0.050
ECL029713-013	Greenbelt National Park	Phosphorus, Ortho, P	<	0.01	mg/L P	0.01
ECL029713-013	Greenbelt National Park	Phosphorus, P	<	0.05	mg/L P	0.05

APPENDIX D – Organic compounds analysis

D.1 Raw data for Choptank River analysis - IS correction is not shown in this data sheet

Quantify Compound Summary Report
Printed Sat Oct 26 17:04:03 2013
Compound 1: CAAT

	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	Ident'd?	yes=1,no=0 Calc'd	Conc. (ng/g) %diff
								0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk							0		
4	2013OCT23_C_0-01_Std	Standard	0.01					0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05					0	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1					0	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5	2.81	1204.757	609.685	544.08	0	0.6	13%
8	2013OCT23_C_1_Std	Standard	1	2.81	2104.363	2382.87	1216.161	1	1.0	-2%
9	2013OCT23_C_5_Std	Standard	5	2.8	14408.657	12242.26	7991.858	1	6.7	35%
10	2013OCT23_C_10_Std	Standard	10	2.8	28251.971	21822.729	15999.914	1	13.2	32%
11	2013OCT23_C_25_Std	Standard	25	2.8	65849.43	56548.211	37094.398	1	30.8	23%
12	2013OCT23_C_50_Std	Standard	50	2.81	115848.75	96666.82	66877.094	1	54.2	8%
13	2013OCT23_C_100_Std	Standard	100	2.8	223560.297	190121.734	126339.594	1	104.5	4%
14	2013OCT23_C_200_Stds	Standard	200	2.8	419590.938	354410	244200.656	1	196.1	-2%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.06	19%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.1	9%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.5	-2%
19	2013OCT23_C_MM_0			2.8	26653.865	21652.756	14399.435	1	1.1	12%
20	2013OCT23_C_MM_1			2.81	28182.771	24135.266	16152.917	1	6.5	31%
21	2013OCT23_C_MM_5			2.81	40491.066	33503.32	23060.367	1	12.4	24%
22	2013OCT23_C_MM_10			2.81	57214.406	51441.043	35320.375	1	30.5	22%
23	2013OCT23_C_MM_25			2.81	90221.82	77626.5	49816.344	1	54.5	9%
24	2013OCT23_C_MM_50			2.8	139154	117332.156	79913.359	1	106.7	7%
25	2013OCT23_C_MM_100			2.81	250269.969	207323.656	143077.406	1	194.3	-3%
26	2013OCT23_C_SolvA_5							#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6							#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			2.81	17480.754	14916.272	9982.586	1	**81.71**	**77.34**
29	2013OCT23_C_NOAA_2			2.8	18244.525	15283.295	10996.505	1	**85.28**	**80.71**
30	2013OCT23_C_NOAA_3			2.81	18766.676	15372.759	10474.016	1	**87.72**	**83.02**
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8							#DIV/0!		
33	2013OCT23_C_HornPt_1			2.81	23407.467	19852.598	13357.563	1	**109.41**	**103.56**

34	2013OCT23_C_HornPt_2	2.8	23851.072	20733.523	14419.374	1	**111.49**	**105.52**
35	2013OCT23_C_HornPt_3	2.81	24608.176	19402.209	13411.159	1	**115.02**	**108.87**
36	2013OCT23_C_SolvA_9					#DIV/0!		
37	2013OCT23_C_SolvA_10					#DIV/0!		
38	2013OCT23_C_50Bridge1_1	2.81	31460.58	28216.275	17599.971	1	**147.05**	**139.18**
39	2013OCT23_C_50Bridge1_2	2.8	34022.766	27706.016	19231.205	1	**159.03**	**150.52**
40	2013OCT23_C_50Bridge1_3	2.8	33216.391	27662.531	18171.641	1	**155.26**	**146.95**
41	2013OCT23_C_SolvA_11					#DIV/0!		
42	2013OCT23_C_SolvA_12					#DIV/0!		
43	2013OCT23_C_50Bridge2_1	2.81	28079.766	23042.787	15961.15	1	**131.25**	**124.23**
44	2013OCT23_C_50Bridge2_2	2.8	28531.063	25118.17	16912.352	1	**133.36**	**126.22**
45	2013OCT23_C_50Bridge2_3	2.8	29550.621	23852.865	16460.223	1	**138.13**	**130.73**
46	2013OCT23_C_SolvA_13					#DIV/0!		
47	2013OCT23_C_SolvA_14					#DIV/0!		
48	2013OCT23_C_QC_Std25_1	2.8	64261.148	55348.395	34891.699	1	**300.37**	**284.30**
49	2013OCT23_C_SolvA_15					#DIV/0!		
50	2013OCT23_C_SolvA_16					#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	2.81	31911.697	27982.961	19350.703	1	**149.16**	**141.18**
52	2013OCT23_C_50BridgeFurtherPt_2	2.81	33798.898	28053.521	19058.516	1	**157.98**	**149.53**
53	2013OCT23_C_50BridgeFurtherPt_3	2.81	32860.266	28048.488	18757.143	1	**153.60**	**145.38**
54	2013OCT23_C_SolvA_17	2.83	38.788		69.716	#DIV/0!		
55	2013OCT23_C_SolvA_18	2.82	24	101.536	1.8	0		
56	2013OCT23_C_PrestonLn_1	2.81	28698.781	24596.613	15469.331	1	**134.14**	**126.97**
57	2013OCT23_C_PrestonLn_2	2.81	27855.941	23452.443	15080.468	1	**130.20**	**123.24**
58	2013OCT23_C_PrestonLn_3	2.81	28577.959	23124.34	15805.576	1	**133.58**	**126.43**
59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1	2.8	23011.879	20923.4	14240.95	1	**107.56**	**101.81**
62	2013OCT23_C_FrazierPt_2	2.81	22906.502	20913.223	13672.276	1	**107.07**	**101.34**
63	2013OCT23_C_FrazierPt_3	2.81	21015.18	18356.229	13121.146	1	**98.23**	**92.97**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1	2.81	19790.973	17304.98	11925.104	1	**92.51**	**87.56**
67	2013OCT23_C_SwingBridge_2	2.81	19911.727	15178.619	11168.537	1	**93.07**	**88.09**
68	2013OCT23_C_SwingBridge_3	2.81	18960.984	16435.627	11290.146	1	**88.63**	**83.88**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24			27.411		#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	2.81	18103.125	14594.866	10125.265	1	**84.62**	**80.09**
72	2013OCT23_C_KingstonLn1_2	2.81	17212.232	15065.25	9435.597	1	**80.45**	**76.15**
73	2013OCT23_C_KingstonLn1_3	2.81	18425.389	13550.225	10186.422	1	**86.12**	**81.51**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	2.8	66139.734	56932.766	34809.605	1	**309.15**	**292.61**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		

79	2013OCT23_C_KingstonLn2_1	2.81	18979.955	16117.502	11199.882	1	**88.72**	**83.97**
80	2013OCT23_C_KingstonLn2_2	2.81	19967.318	16579.646	10825.82	1	**93.33**	**88.34**
81	2013OCT23_C_KingstonLn2_3	2.81	19301.928	16379.572	10991.693	1	**90.22**	**85.39**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1	2.81	57527.961	48895.129	32888.758	1	**268.90**	**254.51**
85	2013OCT23_C_Cordova_2	2.81	58034.203	49112.871	32778.012	1	**271.26**	**256.75**
86	2013OCT23_C_Cordova_3	2.81	52210.676	50087.879	33098.879	1	**244.04**	**230.98**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32					#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	2.81	35540.289	27868.736	18057.646	1	**166.12**	**157.23**
90	2013OCT23_C_Tuckahoe1_2	2.81	34533.219	28398.57	19818.553	1	**161.42**	**152.78**
91	2013OCT23_C_Tuckahoe1_3	2.81	34975.98	29393.93	20058.242	1	**163.49**	**154.74**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34					#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	2.81	33147.445	27113.154	18209.252	1	**154.94**	**146.65**
95	2013OCT23_C_Tuckahoe2_2	2.8	32404.422	27297.34	18091.537	1	**151.47**	**143.36**
96	2013OCT23_C_Tuckahoe2_3	2.81	32822.18	28701.525	19435.32	1	**153.42**	**145.21**
97	2013OCT23_C_SolvA_35					#DIV/0!		
98	2013OCT23_C_SolvA_36					#DIV/0!		
99	2013OCT23_C_GermanBranch_1	2.81	32658.262	26400.953	18191.129	1	**152.65**	**144.48**
100	2013OCT23_C_GermanBranch_2	2.81	31512.279	26771.674	19120.4	1	**147.30**	**139.41**
101	2013OCT23_C_GermanBranch_3	2.8	34401.375	29856.799	18959.135	1	**160.80**	**152.19**
102	2013OCT23_C_SolvA_37					#DIV/0!		
103	2013OCT23_C_SolvA_38					#DIV/0!		
104	2013OCT23_C_QC_Std25_3	2.81	63452.043	56320.156	36430.453	1	**296.59**	**280.72**
105	2013OCT23_C_SolvA_39					#DIV/0!		
106	2013OCT23_C_SolvA_40					#DIV/0!		
107	2013OCT23_C_Greensboro1_1	2.81	8580.815	7602.498	4872.409	1	**40.11**	**37.96**
108	2013OCT23_C_Greensboro1_2	2.81	9294.429	7998.598	5436.337	1	**43.44**	**41.12**
109	2013OCT23_C_Greensboro1_3	2.81	8993.007	8136.841	5125.828	1	**42.04**	**39.79**
110	2013OCT23_C_SolvA_41					#DIV/0!		
111	2013OCT23_C_SolvA_42					#DIV/0!		
112	2013OCT23_C_Greensboro2_1	2.81	6909.001	5515.761	4481.456	1	**32.29**	**30.57**
113	2013OCT23_C_Greensboro2_2	2.8	8246.975	6969.08	4356.497	1	**38.55**	**36.49**
114	2013OCT23_C_Greensboro2_3	2.81	8478.981	6226.953	4498.729	1	**39.63**	**37.51**
115	2013OCT23_C_SolvA_43					#DIV/0!		
116	2013OCT23_C_SolvA_44					#DIV/0!		
117	2013OCT23_C_BeaverDam_1	2.81	24204.359	19536.365	13994.83	1	**113.14**	**107.08**
118	2013OCT23_C_BeaverDam_2	2.81	23903.883	20190.535	13142.173	1	**111.73**	**105.75**
119	2013OCT23_C_BeaverDam_3	2.81	23408.627	20187.896	12046.573	1	**109.42**	**103.56**
120	2013OCT23_C_SolvA_45					#DIV/0!		
121	2013OCT23_C_SolvA_46	2.83	49.647	83.643	38.663	0		
122	2013OCT23_C_LongMarsh_1	2.81	8618.714	7349.813	5062.386	1	**40.29**	**38.13**
123	2013OCT23_C_LongMarsh_2	2.81	8343.265	7027.552	5018.913	1	**39.00**	**36.91**

124	2013OCT23_C_LongMarsh_3			2.81	8661.595	7795.072	4790.066	1	**40.49**	**38.32**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48			2.76	21.954			#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	2.81	127.064			#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	2.81	233.906		236.113	#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	2.82	1043.745	638.059	448.441	1		
131	2013OCT23_C_1_Std_2	Standard	1	2.8	2402.286	1745.19	1232.647	1		
132	2013OCT23_C_5_Std_2	Standard	5	2.81	13995.333	11971.979	8125.361	1		
133	2013OCT23_C_10_Std_2	Standard	10	2.81	26466.184	22076.299	16176.564	1		
134	2013OCT23_C_25_Std_2	Standard	25	2.81	65218.637	55690.145	36414.648	1		
135	2013OCT23_C_50_Std_2	Standard	50	2.81	116660.539	99863.055	70290.398	1		
136	2013OCT23_C_100_Std_2	Standard	100	2.81	228293.063	196546.766	132532.609	1		
137	2013OCT23_C_200_Stds_2	Standard	200	2.81	415751.531	370016.594	252026.094	1		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 2: CEAT

									yes=1,no=0	**Conc. (ng/g)**
								Ident'd?	**Calc'd**	**%diff**
	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk							0		
4	2013OCT23_C_0-01_Std	Standard	0.01			106.305		0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05	2.29	640.885	488.568		0	0.08	57%
6	2013OCT23_C_0-1_Std	Standard	0.1	2.27	1287.582	1080.078		0	0.16	58%
7	2013OCT23_C_0-5_Std	Standard	0.5	2.27	4641.432	4390.525	6883.583	1	0.6	14%
8	2013OCT23_C_1_Std	Standard	1	2.27	8385.866	9145.592	10881.422	1	1.0	3%
9	2013OCT23_C_5_Std	Standard	5	2.27	49755.855	52853.262	61385.602	1	6.1	22%
10	2013OCT23_C_10_Std	Standard	10	2.27	95272.82	99986.516	124765.68	1	11.7	17%
11	2013OCT23_C_25_Std	Standard	25	2.27	235253.453	247002.766	295123.406	1	28.8	15%
12	2013OCT23_C_50_Std	Standard	50	2.27	419283.406	440115.563	532024.938	1	51.4	3%
13	2013OCT23_C_100_Std	Standard	100	2.27	819318.688	859523.813	1039630.688	1	100.4	0%
14	2013OCT23_C_200_Stds	Standard	200	2.27	1636921	1743563.75	2072733.5	1	200.6	0%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.00	-100%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.1	12%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.6	17%
19	2013OCT23_C_MM_0			2.27	60590.023	63194.316	71077.828	1	1.0	3%
20	2013OCT23_C_MM_1			2.27	66200.992	69998.398	86351.336	1	5.9	19%
21	2013OCT23_C_MM_5			2.27	104673.992	106462.883	132933.141	1	11.5	15%
22	2013OCT23_C_MM_10			2.27	175349.813	184284.5	217299.172	1	28.4	14%
23	2013OCT23_C_MM_25			2.27	280825.813	299348.625	350425.406	1	51.8	4%

24	2013OCT23_C_MM_50	2.27	471502.25	504003.875	608607.063	1	101.8	2%
25	2013OCT23_C_MM_100	2.27	890956.813	949036.125	1140849.75	1	196.3	-2%
26	2013OCT23_C_SolvA_5					#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6					#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1	2.27	47437.949	52873.188	59292.684	1	**58.15**	**56.91**
29	2013OCT23_C_NOAA_2	2.27	50307.18	53431.063	66113.93	1	**61.66**	**60.35**
30	2013OCT23_C_NOAA_3	2.27	51657.105	53107.027	64979.664	1	**63.32**	**61.97**
31	2013OCT23_C_SolvA_7					#DIV/0!		
32	2013OCT23_C_SolvA_8					#DIV/0!		
33	2013OCT23_C_HornPt_1	2.27	67817.297	73861.656	87581.453	1	**83.13**	**81.35**
34	2013OCT23_C_HornPt_2	2.27	71535.688	75571.695	88444.539	1	**87.69**	**85.81**
35	2013OCT23_C_HornPt_3	2.27	73406.688	76408.609	88819.07	1	**89.98**	**88.06**
36	2013OCT23_C_SolvA_9					#DIV/0!		
37	2013OCT23_C_SolvA_10					#DIV/0!		
38	2013OCT23_C_50Bridge1_1	2.27	95673.188	95055.555	120056.281	1	**117.27**	**114.77**
39	2013OCT23_C_50Bridge1_2	2.27	97563.672	103120.93	124889.039	1	**119.59**	**117.04**
40	2013OCT23_C_50Bridge1_3	2.27	100329.555	104277.977	126427.141	1	**122.98**	**120.36**
41	2013OCT23_C_SolvA_11					#DIV/0!		
42	2013OCT23_C_SolvA_12					#DIV/0!		
43	2013OCT23_C_50Bridge2_1	2.27	80783.219	84715.75	102199.594	1	**99.02**	**96.91**
44	2013OCT23_C_50Bridge2_2	2.27	85028.383	88429.703	104737.008	1	**104.22**	**102.00**
45	2013OCT23_C_50Bridge2_3	2.27	85674.156	91945.172	111145.781	1	**105.02**	**102.77**
46	2013OCT23_C_SolvA_13					#DIV/0!		
47	2013OCT23_C_SolvA_14					#DIV/0!		
48	2013OCT23_C_QC_Std25_1	2.27	227884.516	232002.297	284652.563	1	**279.33**	**273.37**
49	2013OCT23_C_SolvA_15					#DIV/0!		
50	2013OCT23_C_SolvA_16					#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	2.27	92279.781	101464.625	112327.695	1	**113.11**	**110.70**
52	2013OCT23_C_50BridgeFurtherPt_2	2.27	91720.453	100366.391	114070.836	1	**112.43**	**110.03**
53	2013OCT23_C_50BridgeFurtherPt_3	2.27	88570.891	90645.813	113396.922	1	**108.57**	**106.25**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1	2.27	67797.43	74110.242	84972.633	1	**83.10**	**81.33**
57	2013OCT23_C_PrestonLn_2	2.27	63985.406	72221.109	86081.781	1	**78.43**	**76.76**
58	2013OCT23_C_PrestonLn_3	2.27	66223.422	70412.016	80234.656	1	**81.17**	**79.44**
59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1	2.27	56947.52	59231.176	68259.656	1	**69.80**	**68.31**
62	2013OCT23_C_FrazierPt_2	2.27	57925.383	58376.172	69466.953	1	**71.00**	**69.49**
63	2013OCT23_C_FrazierPt_3	2.27	52916.973	57870.344	69123.234	1	**64.86**	**63.48**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1	2.27	49148.074	50191.098	61213.043	1	**60.24**	**58.96**
67	2013OCT23_C_SwingBridge_2	2.27	47940.949	52773.184	63115.809	1	**58.76**	**57.51**
68	2013OCT23_C_SwingBridge_3	2.27	49556.238	49191.918	56906.621	1	**60.74**	**59.45**

69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	2.27	41974.316	43172.961	51335.094	1	**51.45**	**50.35**
72	2013OCT23_C_KingstonLn1_2	2.27	40004.012	44299.645	51619.289	1	**49.04**	**47.99**
73	2013OCT23_C_KingstonLn1_3	2.27	40975.914	42805.836	49335.91	1	**50.23**	**49.15**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	2.27	231439.656	248165.875	290464.688	1	**283.69**	**277.64**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	2.27	43489.66	47011.293	55311.617	1	**53.31**	**52.17**
80	2013OCT23_C_KingstonLn2_2	2.27	44170.902	47610.527	57238.672	1	**54.14**	**52.99**
81	2013OCT23_C_KingstonLn2_3	2.27	43216.836	45934.402	54482.215	1	**52.97**	**51.84**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1	2.27	141549.484	142444.156	176624.375	1	**173.51**	**169.80**
85	2013OCT23_C_Cordova_2	2.27	142099.484	148173.516	177089.375	1	**174.18**	**170.46**
86	2013OCT23_C_Cordova_3	2.27	138530.141	147147.484	180932.5	1	**169.80**	**166.18**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32					#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	2.27	39276.219	41122.859	49913.441	1	**48.14**	**47.12**
90	2013OCT23_C_Tuckahoe1_2	2.27	41967.246	41905.699	52381.387	1	**51.44**	**50.34**
91	2013OCT23_C_Tuckahoe1_3	2.27	38223.477	42161.348	50739.652	1	**46.85**	**45.85**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34					#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	2.27	35075.168	38777.887	45690.672	1	**42.99**	**42.08**
95	2013OCT23_C_Tuckahoe2_2	2.27	37784.406	39185.863	46912.582	1	**46.31**	**45.33**
96	2013OCT23_C_Tuckahoe2_3	2.27	37917.805	41359.285	46757.172	1	**46.48**	**45.49**
97	2013OCT23_C_SolvA_35					#DIV/0!		
98	2013OCT23_C_SolvA_36					#DIV/0!		
99	2013OCT23_C_GermanBranch_1	2.27	41826.398	44262.438	52315.035	1	**51.27**	**50.17**
100	2013OCT23_C_GermanBranch_2	2.27	41894.844	42647.711	51038.152	1	**51.35**	**50.26**
101	2013OCT23_C_GermanBranch_3	2.27	43083.875	45107.32	53455.281	1	**52.81**	**51.68**
102	2013OCT23_C_SolvA_37					#DIV/0!		
103	2013OCT23_C_SolvA_38					#DIV/0!		
104	2013OCT23_C_QC_Std25_3	2.27	224243.969	239361.875	282527.281	1	**274.87**	**269.00**
105	2013OCT23_C_SolvA_39					#DIV/0!		
106	2013OCT23_C_SolvA_40					#DIV/0!		
107	2013OCT23_C_Greensboro1_1	2.27	20979.215	19965.549	25200.82	1	**25.72**	**25.17**
108	2013OCT23_C_Greensboro1_2	2.27	20083.766	21627.693	25139.697	1	**24.62**	**24.09**
109	2013OCT23_C_Greensboro1_3	2.27	17425.174	21471.822	25399.154	1	**21.36**	**20.90**
110	2013OCT23_C_SolvA_41					#DIV/0!		
111	2013OCT23_C_SolvA_42					#DIV/0!		
112	2013OCT23_C_Greensboro2_1	2.27	15886.255	18107.77	22415.047	1	**19.47**	**19.06**
113	2013OCT23_C_Greensboro2_2	2.27	17912.246	19125.303	22017.781	1	**21.96**	**21.49**

114	2013OCT23_C_Greensboro2_3			2.27	18580.057	18168.434	22737.727	1	**22.77**	**22.29**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44							#DIV/0!		
117	2013OCT23_C_BeaverDam_1			2.27	26456.475	25682.658	30631.24	1	**32.43**	**31.74**
118	2013OCT23_C_BeaverDam_2			2.27	23850.143	25252.092	30840.145	1	**29.23**	**28.61**
119	2013OCT23_C_BeaverDam_3			2.27	23322.129	25195.854	30001.99	1	**28.59**	**27.98**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1			2.27	12649.552	12600.854	17576.65	1	**15.51**	**15.17**
123	2013OCT23_C_LongMarsh_2			2.27	12596.099	12495.932	18931.727	0	**15.44**	**15.11**
124	2013OCT23_C_LongMarsh_3			2.27	11435.961	11625.428	16814.291	1	**14.02**	**13.72**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05			307.579		#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	2.28	915.582	983.867		0		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	2.27	4762.862	5273.463	5668.942	1		
131	2013OCT23_C_1_Std_2	Standard	1	2.27	8388.966	8827.628	10509.34	1		
132	2013OCT23_C_5_Std_2	Standard	5	2.27	48474.887	49232.516	60396.922	1		
133	2013OCT23_C_10_Std_2	Standard	10	2.27	93958.141	98847.195	115395.328	1		
134	2013OCT23_C_25_Std_2	Standard	25	2.27	231538.188	232198.594	279978.219	1		
135	2013OCT23_C_50_Std_2	Standard	50	2.27	422526.25	439840.875	526594.688	1		
136	2013OCT23_C_100_Std_2	Standard	100	2.27	830319.875	870215.875	1043079.125	1		
137	2013OCT23_C_200_Stds_2	Standard	200	2.27	1601782.375	1655357.75	1980504.5	1		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 3: CIAT

									yes=1,no=0	**Conc. (ng/g)**
								Ident'd?	**Calc'd**	**%diff**
	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk							0		
4	2013OCT23_C_0-01_Std	Standard	0.01	2.81	356.335	270.704	897.74	0	0.01	35%
5	2013OCT23_C_0-05_Std	Standard	0.05	2.81	1166.604	1048.925	5583.207	0	0.04	-12%
6	2013OCT23_C_0-1_Std	Standard	0.1	2.81	3731.542	3206.139	14874.568	0	0.14	41%
7	2013OCT23_C_0-5_Std	Standard	0.5	2.81	14994.227	13826.915	58961.699	1	0.6	14%
8	2013OCT23_C_1_Std	Standard	1	2.8	28899.178	27539.635	110891.727	1	1.1	9%
9	2013OCT23_C_5_Std	Standard	5	2.81	186100.344	168901.688	665817.563	1	7.1	41%
10	2013OCT23_C_10_Std	Standard	10	2.81	355655.625	316193.406	1258640.25	1	13.5	35%
11	2013OCT23_C_25_Std	Standard	25	2.81	845607.5	784246	3074254.5	1	32.0	28%
12	2013OCT23_C_50_Std	Standard	50	2.81	1474421.875	1343870.125	5252935.5	1	55.9	12%
13	2013OCT23_C_100_Std	Standard	100	2.81	2723044.5	2468900.25	8683873	1	103.2	3%

14	2013OCT23_C_200_Stds	Standard	200	2.8	5106366.5	4878599		0	193.5	-3%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.04	-20%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.1	46%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.6	24%
19	2013OCT23_C_MM_0			2.81	304427.813	282522	1115773.5	1	1.2	16%
20	2013OCT23_C_MM_1			2.81	339907.469	314039.906	1223423.5	1	6.8	36%
21	2013OCT23_C_MM_5			2.81	458187.281	431816	1677207	1	12.8	28%
22	2013OCT23_C_MM_10			2.81	727086.875	667536.188	2687030	1	31.1	24%
23	2013OCT23_C_MM_25			2.81	1041946.188	945595.25	3826453.75	1	54.0	8%
24	2013OCT23_C_MM_50			2.81	1676783.375	1518385.5	5982376.5	1	107.5	8%
25	2013OCT23_C_MM_100			2.81	2997436.25	2718151.75	9131586	1	196.7	-2%
26	2013OCT23_C_SolvA_5							#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6							#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			2.81	210840.781	195196.094	766578.125	1	**79.88**	**77.31**
29	2013OCT23_C_NOAA_2			2.81	222762.188	204027.109	787565.125	1	**84.40**	**81.68**
30	2013OCT23_C_NOAA_3			2.81	224915.625	200861.266	825353.563	1	**85.22**	**82.47**
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8							#DIV/0!		
33	2013OCT23_C_HornPt_1			2.81	279727.813	246515.438	1030619.188	1	**105.98**	**102.57**
34	2013OCT23_C_HornPt_2			2.81	288825.719	266027.25	1044627.813	1	**109.43**	**105.90**
35	2013OCT23_C_HornPt_3			2.81	289652.219	270900.906	1031509.375	1	**109.75**	**106.21**
36	2013OCT23_C_SolvA_9							#DIV/0!		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1			2.81	373664.938	336099.875	1377733.625	1	**141.58**	**137.01**
39	2013OCT23_C_50Bridge1_2			2.8	376200.969	358401.75	1436582.375	1	**142.54**	**137.94**
40	2013OCT23_C_50Bridge1_3			2.81	387206.594	363246.25	1471760.875	1	**146.71**	**141.98**
41	2013OCT23_C_SolvA_11							#DIV/0!		
42	2013OCT23_C_SolvA_12							#DIV/0!		
43	2013OCT23_C_50Bridge2_1			2.81	325215.906	306480.688	1174852.125	1	**123.22**	**119.25**
44	2013OCT23_C_50Bridge2_2			2.8	330480.438	301696.625	1239558.125	1	**125.21**	**121.18**
45	2013OCT23_C_50Bridge2_3			2.81	352390.75	322800.844	1260232.375	1	**133.52**	**129.21**
46	2013OCT23_C_SolvA_13							#DIV/0!		
47	2013OCT23_C_SolvA_14							#DIV/0!		
48	2013OCT23_C_QC_Std25_1			2.81	778925.875	727246.188	2824667	1	**295.12**	**285.61**
49	2013OCT23_C_SolvA_15							#DIV/0!		
50	2013OCT23_C_SolvA_16							#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1			2.81	375279.156	346319.063	1374277.875	1	**142.19**	**137.60**
52	2013OCT23_C_50BridgeFurtherPt_2			2.81	373134.969	346441.438	1375507.625	1	**141.38**	**136.82**
53	2013OCT23_C_50BridgeFurtherPt_3			2.81	368958.469	319826.156	1317654.625	1	**139.79**	**135.29**
54	2013OCT23_C_SolvA_17							#DIV/0!		
55	2013OCT23_C_SolvA_18							#DIV/0!		
56	2013OCT23_C_PrestonLn_1			2.81	335598.094	305695.906	1203065.75	1	**127.15**	**123.05**
57	2013OCT23_C_PrestonLn_2			2.81	323652.906	303637.938	1195542.25	1	**122.63**	**118.67**
58	2013OCT23_C_PrestonLn_3			2.81	319402.781	297615.563	1174945.125	1	**121.02**	**117.12**
59	2013OCT23_C_SolvA_19							#DIV/0!		

60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1	2.81	250889.828	213258.109	908247.563	1	**95.06**	**91.99**
62	2013OCT23_C_FrazierPt_2	2.81	261959.531	242318	934043.75	1	**99.25**	**96.05**
63	2013OCT23_C_FrazierPt_3	2.81	255309.969	231463.141	934610.813	1	**96.73**	**93.61**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1	2.81	242613.547	225274.625	857811.625	1	**91.92**	**88.96**
67	2013OCT23_C_SwingBridge_2	2.81	251018.766	229822.344	883993.313	1	**95.11**	**92.04**
68	2013OCT23_C_SwingBridge_3	2.81	252500.094	232541.438	895414.813	1	**95.67**	**92.58**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	2.81	210585.078	193451.141	759845.813	1	**79.79**	**77.22**
72	2013OCT23_C_KingstonLn1_2	2.81	210062.625	191641.891	756946	1	**79.59**	**77.02**
73	2013OCT23_C_KingstonLn1_3	2.81	207547.703	189991.578	740625.688	1	**78.64**	**76.10**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	2.81	847971.938	773983.375	3089053.5	1	**321.28**	**310.93**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	2.81	231807.359	211102.469	848751.75	1	**87.83**	**85.00**
80	2013OCT23_C_KingstonLn2_2	2.81	233745.953	217426.922	860758.313	1	**88.56**	**85.71**
81	2013OCT23_C_KingstonLn2_3	2.81	233177.297	213582.375	836256.313	1	**88.35**	**85.50**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1	2.81	656642.313	621405.313	2474352.25	1	**248.79**	**240.77**
85	2013OCT23_C_Cordova_2	2.81	690916.875	634857.5	2520489	1	**261.78**	**253.34**
86	2013OCT23_C_Cordova_3	2.81	660127.5	617896.375	2416466	1	**250.11**	**242.05**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32					#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	2.81	409241	375020.313	1444138.5	1	**155.06**	**150.06**
90	2013OCT23_C_Tuckahoe1_2	2.81	416628.688	386223.375	1484277	1	**157.85**	**152.77**
91	2013OCT23_C_Tuckahoe1_3	2.81	404415.781	382872.438	1474163	1	**153.23**	**148.29**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34					#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	2.81	386728.438	358872.844	1375122.75	1	**146.53**	**141.80**
95	2013OCT23_C_Tuckahoe2_2	2.81	396365.281	367551.063	1437674.5	1	**150.18**	**145.34**
96	2013OCT23_C_Tuckahoe2_3	2.81	386371.594	373126.25	1462295.75	1	**146.39**	**141.67**
97	2013OCT23_C_SolvA_35					#DIV/0!		
98	2013OCT23_C_SolvA_36					#DIV/0!		
99	2013OCT23_C_GermanBranch_1	2.81	378308	350384.75	1396645.375	1	**143.34**	**138.71**
100	2013OCT23_C_GermanBranch_2	2.81	390128.719	359714.5	1393279	1	**147.81**	**143.05**
101	2013OCT23_C_GermanBranch_3	2.81	401129.281	376462.625	1488229.75	1	**151.98**	**147.08**
102	2013OCT23_C_SolvA_37					#DIV/0!		
103	2013OCT23_C_SolvA_38					#DIV/0!		
104	2013OCT23_C_QC_Std25_3	2.81	789463	746279.938	2896827.5	1	**299.12**	**289.47**

105	2013OCT23_C_SolvA_39							#DIV/0!		
106	2013OCT23_C_SolvA_40							#DIV/0!		
107	2013OCT23_C_Greensboro1_1			2.81	110497.859	99087.055	407169.656	1	**41.87**	**40.52**
108	2013OCT23_C_Greensboro1_2			2.81	111370.891	102548.453	413990	1	**42.20**	**40.84**
109	2013OCT23_C_Greensboro1_3			2.81	110998.883	104029.547	400925.375	1	**42.06**	**40.70**
110	2013OCT23_C_SolvA_41							#DIV/0!		
111	2013OCT23_C_SolvA_42							#DIV/0!		
112	2013OCT23_C_Greensboro2_1			2.81	92289.961	84229.18	327298.875	1	**34.97**	**33.84**
113	2013OCT23_C_Greensboro2_2			2.81	97865.078	89321.273	325577.719	1	**37.08**	**35.88**
114	2013OCT23_C_Greensboro2_3			2.81	99559.844	92095.359	364504.438	1	**37.72**	**36.51**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44							#DIV/0!		
117	2013OCT23_C_BeaverDam_1			2.81	290574.125	276529.75	1053710.375	1	**110.09**	**106.54**
118	2013OCT23_C_BeaverDam_2			2.81	282275.031	263781.375	1074946.25	1	**106.95**	**103.50**
119	2013OCT23_C_BeaverDam_3			2.81	289368.469	264392.5	1023029.813	1	**109.64**	**106.10**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1			2.81	93498.93	83107.492	347188.875	1	**35.43**	**34.28**
123	2013OCT23_C_LongMarsh_2			2.81	98742.609	88819.375	363375.656	1	**37.41**	**36.21**
124	2013OCT23_C_LongMarsh_3			2.81	97530.07	88426.984	350802.938	1	**36.95**	**35.76**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01			219.106	977.407	#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	2.81	1053.773	1382.053	5292.256	1		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	2.81	3858.992	3227.094	13293.586	1		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	2.81	16308.924	13820.356	52662.438	1		
131	2013OCT23_C_1_Std_2	Standard	1	2.81	30495.625	27695.398	110086.945	1		
132	2013OCT23_C_5_Std_2	Standard	5	2.81	179201.859	164046.422	638566.5	1		
133	2013OCT23_C_10_Std_2	Standard	10	2.81	337126.781	313553.438	1224132.25	1		
134	2013OCT23_C_25_Std_2	Standard	25	2.81	819970.813	744546.063	2928745	1		
135	2013OCT23_C_50_Std_2	Standard	50	2.81	1424827	1368214.5	5447929.5	1		
136	2013OCT23_C_100_Std_2	Standard	100	2.81	2837327.25	2538455.5	8728683	1		
137	2013OCT23_C_200_Stds_2	Standard	200	2.81	5190979.5	4654784	10898907	1		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 4: OIET

	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	**Ident'd?**	**yes=1,no=0 Calc'd**	**Conc. (ng/g) %diff**
								0		
1	2013OCT23_SolvA_1							#DIV/0!		
2	2013OCT23_C_Lab Blk			2.14	666.42	1707.022	1112.695	0		
3	2013OCT23_C_Travel Blk			2.12	997.776	1653.492	2262.747	1		
4	2013OCT23_C_0-01_Std	Standard	0.01	2.13	1311.675	2018.138	3332.427	1	0.04	295%

5	2013OCT23_C_0-05_Std	Standard	0.05	2.13	2706.838	4819.656	7257.608	1	0.08	63%
6	2013OCT23_C_0-1_Std	Standard	0.1	2.12	5761.291	9231.213	11310.72	1	0.17	73%
7	2013OCT23_C_0-5_Std	Standard	0.5	2.12	22168.789	37343.918	54643.379	1	0.7	34%
8	2013OCT23_C_1_Std	Standard	1	2.12	43223.402	77217.422	109505.07	1	1.3	30%
9	2013OCT23_C_5_Std	Standard	5	2.12	124901.945	217824.875	328040.719	1	3.8	-25%
10	2013OCT23_C_10_Std	Standard	10	2.12	250751.688	415674.938	608037.938	1	7.6	-24%
11	2013OCT23_C_25_Std	Standard	25	2.12	644110.25	1109999.625	1629903.125	1	19.4	-22%
12	2013OCT23_C_50_Std	Standard	50	2.12	1720025.625	2853264.25	4273637.5	1	51.8	4%
13	2013OCT23_C_100_Std	Standard	100	2.12	3540513.25	5630794	7080851.5	1	106.6	7%
14	2013OCT23_C_200_Stds	Standard	200	2.13	6664363	8247614	9298159	1	200.7	0%
15	2013OCT23_C_SolvA_2			2.13	3353.329	6738.71	9244.816	1	0.04	268%
16	2013OCT23_C_Surrogate_1			2.13	686.417	1433.082	2142.137	1	0.09	83%
17	2013OCT23_C_SolvA_3			2.11	581.789	1632.349	2243.055	1	0.1	41%
18	2013OCT23_C_SolvA_4			2.11	658.065	1694.913	1381.69	0	0.6	26%
19	2013OCT23_C_MM_0			2.12	432482.688	730625.375	1083478.375	1	1.3	35%
20	2013OCT23_C_MM_1			2.13	446420.031	757153.188	1117407.25	1	4.0	-21%
21	2013OCT23_C_MM_5			2.13	650987.75	1094836.375	1602156.375	1	7.5	-25%
22	2013OCT23_C_MM_10			2.13	1015092.188	1654143.125	2446910.5	1	20.1	-19%
23	2013OCT23_C_MM_25			2.13	1519368.625	2551179.75	3737855.5	1	52.2	4%
24	2013OCT23_C_MM_50			2.12	2229295	3872386.25	5353806	1	111.1	11%
25	2013OCT23_C_MM_100			2.13	4605684	6585317.5	7942729	1	191.1	-4%
26	2013OCT23_C_SolvA_5			2.13	1191.695	1828.76	1417.692	0	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6					475.561	1061.018	0	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			2.13	259589.453	437361.406	644662.688	1	**78.17**	**63.55**
29	2013OCT23_C_NOAA_2			2.12	262361.5	446492.781	667231.625	1	**79.01**	**64.23**
30	2013OCT23_C_NOAA_3			2.13	271415.813	456167.406	667480	1	**81.74**	**66.45**
31	2013OCT23_C_SolvA_7			2.13	467.847	807.358	867.003	1		
32	2013OCT23_C_SolvA_8			2.12	2806.221	4655.694	6567.489	1		
33	2013OCT23_C_HornPt_1			2.13	340158.469	576347.063	852882.625	1	**102.44**	**83.28**
34	2013OCT23_C_HornPt_2			2.12	352286.844	592009.813	882164.063	1	**106.09**	**86.25**
35	2013OCT23_C_HornPt_3			2.12	357950.813	608240.5	875215.438	1	**107.79**	**87.63**
36	2013OCT23_C_SolvA_9			2.14	966.268	862.753	1856.462	0		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1			2.13	492821.688	826603.125	1217557.25	1	**148.41**	**120.65**
39	2013OCT23_C_50Bridge1_2			2.12	507927.438	858174.563	1269750.375	1	**152.96**	**124.35**
40	2013OCT23_C_50Bridge1_3			2.12	506476.625	863751.313	1267435.75	1	**152.52**	**123.99**
41	2013OCT23_C_SolvA_11							#DIV/0!		
42	2013OCT23_C_SolvA_12						792.187	#DIV/0!		
43	2013OCT23_C_50Bridge2_1			2.13	418409.375	700756.563	1039913.375	1	**126.00**	**102.43**
44	2013OCT23_C_50Bridge2_2			2.12	424611.25	724356.063	1054648.125	1	**127.87**	**103.95**
45	2013OCT23_C_50Bridge2_3			2.12	446477.688	736411.875	1081196.25	1	**134.45**	**109.30**
46	2013OCT23_C_SolvA_13			2.1	434.523	1440.263	968.599	0		
47	2013OCT23_C_SolvA_14			2.13	2036	4094.925	5944.736	1		
48	2013OCT23_C_QC_Std25_1			2.12	628092.438	1076255	1574739	1	**189.15**	**153.77**
49	2013OCT23_C_SolvA_15			2.13	1046.567	26.804	1852.005	0		
50	2013OCT23_C_SolvA_16			2.14	779.937		1372.569	#DIV/0!		

51	2013OCT23_C_50BridgeFurtherPt_1	2.13	455602.375	764652.313	1125111.875	1	**137.20**	**111.54**
52	2013OCT23_C_50BridgeFurtherPt_2	2.13	471397.156	788829.375	1162092.75	1	**141.96**	**115.41**
53	2013OCT23_C_50BridgeFurtherPt_3	2.13	477465.031	796483.75	1176797.75	1	**143.79**	**116.89**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1	2.12	603602.875	1048035.25	1528828.625	1	**181.77**	**147.77**
57	2013OCT23_C_PrestonLn_2	2.13	623554.375	1069041.5	1555625	1	**187.78**	**152.66**
58	2013OCT23_C_PrestonLn_3	2.13	638376.438	1075498.375	1578021.375	1	**192.24**	**156.28**
59	2013OCT23_C_SolvA_19				1481.384	#DIV/0!		
60	2013OCT23_C_SolvA_20	2.13	2722.964	4737.191	5336.402	1		
61	2013OCT23_C_FrazierPt_1	2.12	519760.469	873639.563	1275267.5	1	**156.52**	**127.25**
62	2013OCT23_C_FrazierPt_2	2.12	538689.688	916227.813	1316283.625	1	**162.22**	**131.88**
63	2013OCT23_C_FrazierPt_3	2.13	543830.813	899846.813	1325876.375	1	**163.77**	**133.14**
64	2013OCT23_C_SolvA_21			139.608	1765.225	0		
65	2013OCT23_C_SolvA_22				1479.143	#DIV/0!		
66	2013OCT23_C_SwingBridge_1	2.12	530324.313	886361.25	1321186	1	**159.70**	**129.83**
67	2013OCT23_C_SwingBridge_2	2.12	541063.5	931189.625	1353939.875	1	**162.94**	**132.46**
68	2013OCT23_C_SwingBridge_3	2.13	561077.313	939276.125	1382330.25	1	**168.96**	**137.36**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	2.13	491802.375	817532.313	1182777.375	1	**148.10**	**120.40**
72	2013OCT23_C_KingstonLn1_2	2.13	488330.25	815295.313	1199261.75	1	**147.06**	**119.55**
73	2013OCT23_C_KingstonLn1_3	2.13	481988.156	815041.75	1189144.875	1	**145.15**	**118.00**
74	2013OCT23_C_SolvA_25	2.13	578.28		1175.792	#DIV/0!		
75	2013OCT23_C_SolvA_26	2.13	2452.827	4109.656	5050.909	1		
76	2013OCT23_C_QC_Std25_2	2.12	641135.813	1075535.625	1542818.125	1	**193.07**	**156.96**
77	2013OCT23_C_SolvA_27	2.12	739.712	1982.299	1652.559	0		
78	2013OCT23_C_SolvA_28				1166.487	#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	2.13	544920.938	889438.188	1312889.375	1	**164.10**	**133.40**
80	2013OCT23_C_KingstonLn2_2	2.13	556029.5	939795.813	1374131.75	1	**167.44**	**136.12**
81	2013OCT23_C_KingstonLn2_3	2.13	557536.938	926106.063	1392600.375	1	**167.90**	**136.49**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1	2.12	420259.813	697852.25	1007340.375	1	**126.56**	**102.89**
85	2013OCT23_C_Cordova_2	2.13	434289.719	720723.25	1059328.375	1	**130.78**	**106.32**
86	2013OCT23_C_Cordova_3	2.13	431576.344	722619.5	1056639.75	1	**129.97**	**105.66**
87	2013OCT23_C_SolvA_31				1064.465	#DIV/0!		
88	2013OCT23_C_SolvA_32	2.13	2432.98	4060.191	5690.148	1		
89	2013OCT23_C_Tuckahoe1_1	2.12	373030.031	617906.438	915881.813	1	**112.34**	**91.32**
90	2013OCT23_C_Tuckahoe1_2	2.12	388509.125	654620.063	948321.188	1	**117.00**	**95.11**
91	2013OCT23_C_Tuckahoe1_3	2.13	398770.406	663666.438	976115.938	1	**120.09**	**97.63**
92	2013OCT23_C_SolvA_33				1643.032	#DIV/0!		
93	2013OCT23_C_SolvA_34				1271.833	#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	2.13	366228.406	613280.75	885678.875	1	**110.29**	**89.66**
95	2013OCT23_C_Tuckahoe2_2	2.12	375653.25	629884.125	914650	1	**113.13**	**91.97**

96	2013OCT23_C_Tuckahoe2_3			2.13	374152.594	633657.625	922369.438	1	**112.67**	**91.60**
97	2013OCT23_C_SolvA_35						626.225	#DIV/0!		
98	2013OCT23_C_SolvA_36							#DIV/0!		
99	2013OCT23_C_GermanBranch_1			2.12	324570.5	549147.063	808248.938	1	**97.74**	**79.46**
100	2013OCT23_C_GermanBranch_2			2.13	343011.125	570404.813	834452.75	1	**103.30**	**83.97**
101	2013OCT23_C_GermanBranch_3			2.12	349513.875	575445.875	851451.938	1	**105.25**	**85.57**
102	2013OCT23_C_SolvA_37						797.65	#DIV/0!		
103	2013OCT23_C_SolvA_38			2.13	2743.465	2828.984	5919.915	0		
104	2013OCT23_C_QC_Std25_3			2.12	647203.313	1095668.5	1581267.875	1	**194.90**	**158.45**
105	2013OCT23_C_SolvA_39					1630.002	2089.975	0		
106	2013OCT23_C_SolvA_40							#DIV/0!		
107	2013OCT23_C_Greensboro1_1			2.13	440982.281	730414	1100649.5	1	**132.80**	**107.96**
108	2013OCT23_C_Greensboro1_2			2.13	456653.25	756051.938	1106758.5	1	**137.52**	**111.80**
109	2013OCT23_C_Greensboro1_3			2.13	439137.5	755846.125	1108683.25	1	**132.24**	**107.51**
110	2013OCT23_C_SolvA_41							#DIV/0!		
111	2013OCT23_C_SolvA_42							#DIV/0!		
112	2013OCT23_C_Greensboro2_1			2.13	376545.719	635226.313	934999.25	1	**113.39**	**92.18**
113	2013OCT23_C_Greensboro2_2			2.12	396968.625	671989.875	986734.938	1	**119.54**	**97.18**
114	2013OCT23_C_Greensboro2_3			2.12	401832.438	675556.188	984636.375	1	**121.01**	**98.37**
115	2013OCT23_C_SolvA_43						1067.808	#DIV/0!		
116	2013OCT23_C_SolvA_44			2.13	2034.192	3902.278	5055.436	1		
117	2013OCT23_C_BeaverDam_1			2.13	232758.016	391229.094	562988.938	1	**70.09**	**56.98**
118	2013OCT23_C_BeaverDam_2			2.13	238950.656	400463.281	584530.938	1	**71.96**	**58.50**
119	2013OCT23_C_BeaverDam_3			2.13	231376.047	392750.031	577780.25	1	**69.68**	**56.64**
120	2013OCT23_C_SolvA_45			2.12	799.437	1748.925	1605.068	1		
121	2013OCT23_C_SolvA_46						737.276	#DIV/0!		
122	2013OCT23_C_LongMarsh_1			2.12	285597.594	476755.688	704325.563	1	**86.01**	**69.92**
123	2013OCT23_C_LongMarsh_2			2.12	300034.813	497982.25	751737.125	1	**90.35**	**73.45**
124	2013OCT23_C_LongMarsh_3			2.12	306887.094	495580.438	745772.438	1	**92.42**	**75.13**
125	2013OCT23_C_SolvA_47						801.142	#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01	2.13	1220.749	1704.085	1866.067	1		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	2.12	3037.902	5115.725	6631.984	1		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	2.12	4677.725	9476.428	12404.361	1		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	2.13	20886.492	38350.621	55427.871	1		
131	2013OCT23_C_1_Std_2	Standard	1	2.12	44678.285	78482.148	112165.438	1		
132	2013OCT23_C_5_Std_2	Standard	5	2.12	131698.125	219707.828	316012.594	1		
133	2013OCT23_C_10_Std_2	Standard	10	2.13	250592.516	416371.375	616763.188	1		
134	2013OCT23_C_25_Std_2	Standard	25	2.12	668728.313	1129869.75	1617490.75	1		
135	2013OCT23_C_50_Std_2	Standard	50	2.13	1732993.25	2855906.25	4173636.5	1		
136	2013OCT23_C_100_Std_2	Standard	100	2.13	3689127	5570570.5	6971619.5	1		
137	2013OCT23_C_200_Stds_2	Standard	200	2.13	6344434	8113778.5	9058673	1		
138	2013OCT23_C_SolvA_49			2.13	2452.821	4955.921	9612.613	1		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50					4.438	1270.478	0		
141	2013OCT23_C_SolvA_51			2.13	2753.025	4265.868	6558.41	1		

142	2013OCT23_C_SolvA_52					139.286	1516.55	0		
143	2013OCT23_C_SolvA_53						914.606	#DIV/0!		

Compound 5: Atrazine

									yes=1,no=0	Conc. (ng/g)
								Ident'd?	Calc'd	%diff
	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	0		
1	2013OCT23_SolvA_1							#DIV/0!		
2	2013OCT23_C_Lab Blk			5.42	3994.094	5296.176	14769.479	1		
3	2013OCT23_C_Travel Blk			5.42	4676.072	5927.044	15862.762	1		
4	2013OCT23_C_0-01_Std	Standard	0.01	5.42	1121.997	2303.412	5533.913	1	0.02	100%
5	2013OCT23_C_0-05_Std	Standard	0.05	5.42	4001.677	5667.781	13898.791	1	0.07	42%
6	2013OCT23_C_0-1_Std	Standard	0.1	5.42	8190.598	11209.205	29097.695	1	0.15	46%
7	2013OCT23_C_0-5_Std	Standard	0.5	5.42	34575.07	41013.691	113877.773	1	0.6	23%
8	2013OCT23_C_1_Std	Standard	1	5.41	69190.055	87181.031	229954.047	1	1.2	23%
9	2013OCT23_C_5_Std	Standard	5	5.42	339919.563	449275.594	1144004.25	1	6.0	21%
10	2013OCT23_C_10_Std	Standard	10	5.42	663913.063	805424.188	2231501.5	1	11.8	18%
11	2013OCT23_C_25_Std	Standard	25	5.42	1645178.625	2099353	5548201.5	1	29.3	17%
12	2013OCT23_C_50_Std	Standard	50	5.42	3001800.25	3907910.25	10076839	1	53.4	7%
13	2013OCT23_C_100_Std	Standard	100	5.42	5915430.5	7294957.5	14238949	1	105.2	5%
14	2013OCT23_C_200_Stds	Standard	200	5.41	10988120	12443750	16404503	0	195.5	-2%
15	2013OCT23_C_SolvA_2			5.41	866.601		1877.159	#DIV/0!	0.02	146%
16	2013OCT23_C_Surrogate_1			5.42	4143.94	4804.845	12790.332	1	0.08	56%
17	2013OCT23_C_SolvA_3			5.41	407.394		1143.675	#DIV/0!	0.1	33%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.6	28%
19	2013OCT23_C_MM_0			5.42	1511319.75	1888109.5	5228176.5	1	1.3	29%
20	2013OCT23_C_MM_1			5.42	1441686.5	1798410.5	4981394	1	6.5	30%
21	2013OCT23_C_MM_5			5.42	1804077.25	2239059.25	6017875.5	1	12.5	25%
22	2013OCT23_C_MM_10			5.43	2315044	2962181.5	8235096	1	30.9	24%
23	2013OCT23_C_MM_25			5.42	2984870.75	3810645.5	10145467	1	56.0	12%
24	2013OCT23_C_MM_50			5.42	4370208.5	5355170	12763647	1	107.8	8%
25	2013OCT23_C_MM_100			5.42	7515388.5	9214785	15614614	1	194.1	-3%
26	2013OCT23_C_SolvA_5			5.42	951.494	1302.873	2396.273	1	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6							#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			5.42	2040142.875	2611662	7213569	1	**362.95**	**342.31**
29	2013OCT23_C_NOAA_2			5.41	2139089.75	2660349.5	7377681	1	**380.55**	**358.91**
30	2013OCT23_C_NOAA_3			5.42	2149458.75	2670264.25	7059265.5	1	**382.40**	**360.65**
31	2013OCT23_C_SolvA_7						893.889	#DIV/0!		
32	2013OCT23_C_SolvA_8			5.44	486.813	537.23		#DIV/0!		
33	2013OCT23_C_HornPt_1			5.42	2619081	3321295.75	8918240	1	**465.94**	**439.45**
34	2013OCT23_C_HornPt_2			5.41	2710320.75	3359256.25	9335343	1	**482.18**	**454.76**
35	2013OCT23_C_HornPt_3			5.41	2696722.25	3361213.5	9201732	1	**479.76**	**452.48**
36	2013OCT23_C_SolvA_9			5.42	419.926		1325.018	#DIV/0!		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1			5.42	3488702.25	4150759.75	11092691	1	**620.65**	**585.36**
39	2013OCT23_C_50Bridge1_2			5.41	3537842	4301197	11420490	1	**629.39**	**593.60**
40	2013OCT23_C_50Bridge1_3			5.42	3519936.25	4347577.5	11495558	1	**626.21**	**590.60**
41	2013OCT23_C_SolvA_11			5.43	582.731		1835.712	#DIV/0!		

42	2013OCT23_C_SolvA_12	5.41	654.961		693.745	#DIV/0!		
43	2013OCT23_C_50Bridge2_1	5.42	3061061.5	3760583	10030504	1	**544.57**	**513.61**
44	2013OCT23_C_50Bridge2_2	5.41	3095804	3803706.75	10117088	1	**550.75**	**519.44**
45	2013OCT23_C_50Bridge2_3	5.42	3120102.5	3835823	10531745	1	**555.08**	**523.51**
46	2013OCT23_C_SolvA_13	5.42	531.869	812.015	1260.663	1		
47	2013OCT23_C_SolvA_14					#DIV/0!		
48	2013OCT23_C_QC_Std25_1	5.41	1691949.5	2140767.5	5690758.5	1	**301.00**	**283.89**
49	2013OCT23_C_SolvA_15					#DIV/0!		
50	2013OCT23_C_SolvA_16					#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	5.43	3088085.5	3670970.5	10500726	1	**549.38**	**518.14**
52	2013OCT23_C_50BridgeFurtherPt_2	5.42	3160335.75	3870379.75	10309574	1	**562.23**	**530.26**
53	2013OCT23_C_50BridgeFurtherPt_3	5.42	3206566.25	3745714	10321263	1	**570.46**	**538.02**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1	5.42	2376079.25	2948383.5	8279404.5	1	**422.71**	**398.68**
57	2013OCT23_C_PrestonLn_2	5.43	2403193.25	2937380.5	8467482	1	**427.54**	**403.22**
58	2013OCT23_C_PrestonLn_3	5.42	2428991.75	2997560.25	8208443	1	**432.13**	**407.55**
59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1	5.42	1610684.625	1973164.375	5542705.5	1	**286.55**	**270.25**
62	2013OCT23_C_FrazierPt_2	5.42	1645663.125	1994885.5	5642055	1	**292.77**	**276.12**
63	2013OCT23_C_FrazierPt_3	5.43	1638265.375	2002552.625	5677278	1	**291.45**	**274.88**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1	5.42	1204244.5	1488669.625	4092929.5	1	**214.24**	**202.06**
67	2013OCT23_C_SwingBridge_2	5.42	1213731.25	1509168.625	4105564.5	1	**215.93**	**203.65**
68	2013OCT23_C_SwingBridge_3	5.42	1187190	1484962.375	4077595	1	**211.21**	**199.20**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	5.42	876200	1094293.25	3029249.25	1	**155.88**	**147.02**
72	2013OCT23_C_KingstonLn1_2	5.43	905006.563	1133225.25	3084510	1	**161.00**	**151.85**
73	2013OCT23_C_KingstonLn1_3	5.43	908150.375	1137856	3101375.75	1	**161.56**	**152.38**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	5.42	1659761.75	2125980.75	5471297.5	1	**295.28**	**278.49**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	5.43	1002349.813	1255200.125	3469910.75	1	**178.32**	**168.18**
80	2013OCT23_C_KingstonLn2_2	5.42	1018291.313	1276401	3376762	1	**181.16**	**170.86**
81	2013OCT23_C_KingstonLn2_3	5.42	1030720.75	1291997.75	3585575.5	1	**183.37**	**172.94**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1	5.42	829047.813	1038093.188	2799774.25	1	**147.49**	**139.10**
85	2013OCT23_C_Cordova_2	5.44	833152.938	1012544.125	2740850.75	1	**148.22**	**139.79**
86	2013OCT23_C_Cordova_3	5.43	826529.125	1053857.625	2823043	1	**147.04**	**138.68**

87	2013OCT23_C_SolvA_31							#DIV/0!		
88	2013OCT23_C_SolvA_32							#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1			5.42	400732.688	500980.938	1407608.5	1	**71.29**	**67.24**
90	2013OCT23_C_Tuckahoe1_2			5.42	424413.875	530550.313	1429914.125	1	**75.50**	**71.21**
91	2013OCT23_C_Tuckahoe1_3			5.43	419805.844	520234.719	1457733.25	1	**74.68**	**70.44**
92	2013OCT23_C_SolvA_33							#DIV/0!		
93	2013OCT23_C_SolvA_34							#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1			5.42	394600.25	503626.156	1367485.875	1	**70.20**	**66.21**
95	2013OCT23_C_Tuckahoe2_2			5.42	396548.531	515349.344	1387832.75	1	**70.55**	**66.54**
96	2013OCT23_C_Tuckahoe2_3			5.42	407064.656	517352.063	1384787	1	**72.42**	**68.30**
97	2013OCT23_C_SolvA_35							#DIV/0!		
98	2013OCT23_C_SolvA_36							#DIV/0!		
99	2013OCT23_C_GermanBranch_1			5.42	425982.531	544906.75	1449098.375	1	**75.78**	**71.47**
100	2013OCT23_C_GermanBranch_2			5.42	421974.25	546797.063	1490610.25	1	**75.07**	**70.80**
101	2013OCT23_C_GermanBranch_3			5.41	433269.563	554193	1497240.625	1	**77.08**	**72.70**
102	2013OCT23_C_SolvA_37							#DIV/0!		
103	2013OCT23_C_SolvA_38							#DIV/0!		
104	2013OCT23_C_QC_Std25_3			5.42	1696440.25	2146587.75	5470242	1	**301.80**	**284.64**
105	2013OCT23_C_SolvA_39							#DIV/0!		
106	2013OCT23_C_SolvA_40							#DIV/0!		
107	2013OCT23_C_Greensboro1_1			5.42	326435.219	409313.906	1142024	1	**58.07**	**54.77**
108	2013OCT23_C_Greensboro1_2			5.42	340497.813	429012.406	1163320.75	1	**60.58**	**57.13**
109	2013OCT23_C_Greensboro1_3			5.42	341864.688	430729.625	1164102	1	**60.82**	**57.36**
110	2013OCT23_C_SolvA_41							#DIV/0!		
111	2013OCT23_C_SolvA_42							#DIV/0!		
112	2013OCT23_C_Greensboro2_1			5.42	284101.125	366597.688	948392.563	1	**50.54**	**47.67**
113	2013OCT23_C_Greensboro2_2			5.42	283217.938	354290.5	1007456.125	1	**50.39**	**47.52**
114	2013OCT23_C_Greensboro2_3			5.42	288572.875	369698.156	994900.75	1	**51.34**	**48.42**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44							#DIV/0!		
117	2013OCT23_C_BeaverDam_1			5.44	195232.828	261425.453	694288.438	1	**34.73**	**32.76**
118	2013OCT23_C_BeaverDam_2			5.44	207101.344	269190.125	686869.563	1	**36.84**	**34.75**
119	2013OCT23_C_BeaverDam_3			5.43	212565.172	256598.797	726179.125	1	**37.82**	**35.67**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1			5.42	76969.953	94063.969	262990.219	1	**13.69**	**12.91**
123	2013OCT23_C_LongMarsh_2			5.42	74624.234	95036.719	263747.031	1	**13.28**	**12.52**
124	2013OCT23_C_LongMarsh_3			5.42	76786.414	96423.164	264582.938	1	**13.66**	**12.88**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01	5.42	1380.038	2560.848	5568.199	1		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	5.43	4385.201	4484.544	13570.165	1		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	5.42	7456.821	10165.331	27824.443	1		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	5.42	35978.215	47358.297	122316.789	1		
131	2013OCT23_C_1_Std_2	Standard	1	5.42	72358.953	95454.531	243645.469	1		
132	2013OCT23_C_5_Std_2	Standard	5	5.42	366296.938	449975.188	1225618.25	1		

133	2013OCT23_C_10_Std_2	Standard	10	5.42	699886.25	906557.063	2326161.75	1
134	2013OCT23_C_25_Std_2	Standard	25	5.43	1737345.125	2132719.75	5817927	1
135	2013OCT23_C_50_Std_2	Standard	50	5.43	3149316.75	3957298.25	10476279	1
136	2013OCT23_C_100_Std_2	Standard	100	5.43	6059397	7206535		#DIV/0!
137	2013OCT23_C_200_Stds_2	Standard	200	5.43	10909799	12072278		#DIV/0!
138	2013OCT23_C_SolvA_49							#DIV/0!
139	2013OCT23_C_Surrogate_2			5.42	4304.325	6254.83	12902.114	1
140	2013OCT23_C_SolvA_50							#DIV/0!
141	2013OCT23_C_SolvA_51							#DIV/0!
142	2013OCT23_C_SolvA_52							#DIV/0!
143	2013OCT23_C_SolvA_53							#DIV/0!

Compound 6: Atrazine-d5

yes=1,no=0

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**		
								0		
1	2013OCT23_SolvA_1						0.837	#DIV/0!		
2	2013OCT23_C_Lab Blk			5.36	13356960	6832857.5	4199562	1	**13854340**	**Avg**
3	2013OCT23_C_Travel Blk			5.36	13968062	7509686.5	4683158.5	1	**2%**	**RSD**
4	2013OCT23_C_0-01_Std	Standard	0.01	5.35	13767485	7297061.5	4596932.5	1		
5	2013OCT23_C_0-05_Std	Standard	0.05	5.36	13854340	7287431	4512335	1		
6	2013OCT23_C_0-1_Std	Standard	0.1	5.36	14149668	7826432.5	4969956.5	1		
7	2013OCT23_C_0-5_Std	Standard	0.5	5.36	13964643	7600396.5	4790484	1		
8	2013OCT23_C_1_Std	Standard	1	5.35	14033955	7743192.5	4867685	1		
9	2013OCT23_C_5_Std	Standard	5	5.35	14027941	7714844	4817403.5	1		
10	2013OCT23_C_10_Std	Standard	10	5.36	14168122	7510693.5	4718971	1		
11	2013OCT23_C_25_Std	Standard	25	5.36	14083242	7381817	4636417.5	1		
12	2013OCT23_C_50_Std	Standard	50	5.37	14260725	7587809.5	4691632	1		
13	2013OCT23_C_100_Std	Standard	100	5.36	13822237	7021053	4446957.5	1		
14	2013OCT23_C_200_Stds	Standard	200	5.35	13995367	7241861	4562594.5	1		
15	2013OCT23_C_SolvA_2			5.34	3430.121	239.691	12.724	0		
16	2013OCT23_C_Surrogate_1			5.36	2161.714			#DIV/0!		
17	2013OCT23_C_SolvA_3			5.35	1733.499			#DIV/0!		
18	2013OCT23_C_SolvA_4			5.35	1299.964		215.713	#DIV/0!		
19	2013OCT23_C_MM_0			5.36	14139998	7064736.5	4367210	1		
20	2013OCT23_C_MM_1			5.36	13706648	6523538	4050015.25	1		
21	2013OCT23_C_MM_5			5.37	14053894	6876924.5	4264492	1		
22	2013OCT23_C_MM_10			5.38	14964969	7799009	4865599	1		
23	2013OCT23_C_MM_25			5.36	14373887	6983186.5	4419375.5	1		
24	2013OCT23_C_MM_50			5.35	13978067	6926617.5	4420722	1		
25	2013OCT23_C_MM_100			5.36	14593716	7405578	4584920.5	1		
26	2013OCT23_C_SolvA_5			5.36	3079.891			#DIV/0!		
27	2013OCT23_C_SolvA_6			5.36	2178.653			#DIV/0!		
28	2013OCT23_C_NOAA_1			5.36	13708316	6958410.5	4379620.5	1		
29	2013OCT23_C_NOAA_2			5.35	14114375	7186050.5	4433717	1		
30	2013OCT23_C_NOAA_3			5.36	14048936	6976561.5	4370667.5	1		
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8			5.36	2515.312		4.844	#DIV/0!		

33	2013OCT23_C_HornPt_1	5.36	13554813	6509059.5	4068227.25	1
34	2013OCT23_C_HornPt_2	5.35	14068463	6754152	4217999.5	1
35	2013OCT23_C_HornPt_3	5.35	13691924	6778966	4265425.5	1
36	2013OCT23_C_SolvA_9	5.34	3074.751			#DIV/0!
37	2013OCT23_C_SolvA_10	5.35	2620.545			#DIV/0!
38	2013OCT23_C_50Bridge1_1	5.36	14331288	7377142.5	4634091.5	1
39	2013OCT23_C_50Bridge1_2	5.35	14435484	7547725	4851802.5	1
40	2013OCT23_C_50Bridge1_3	5.35	14303994	7517357	4795072.5	1
41	2013OCT23_C_SolvA_11	5.36	3033.837	175.29	1047.969	0
42	2013OCT23_C_SolvA_12	5.35	1387.872			#DIV/0!
43	2013OCT23_C_50Bridge2_1	5.36	13740946	6416220.5	4026779.5	1
44	2013OCT23_C_50Bridge2_2	5.35	13593124	6462162.5	4129174.75	1
45	2013OCT23_C_50Bridge2_3	5.36	13712277	6590005.5	4056798.25	1
46	2013OCT23_C_SolvA_13	5.36	2815.114			#DIV/0!
47	2013OCT23_C_SolvA_14					#DIV/0!
48	2013OCT23_C_QC_Std25_1	5.35	13933665	7550656.5	4733031	1
49	2013OCT23_C_SolvA_15	5.33	2635.396			#DIV/0!
50	2013OCT23_C_SolvA_16	5.34	1634.54			#DIV/0!
51	2013OCT23_C_50BridgeFurtherPt_1	5.37	13953864	6600411	4166594.25	1
52	2013OCT23_C_50BridgeFurtherPt_2	5.37	13926571	6622586	4194137.25	1
53	2013OCT23_C_50BridgeFurtherPt_3	5.36	14141434	6682322	4260637.5	1
54	2013OCT23_C_SolvA_17					#DIV/0!
55	2013OCT23_C_SolvA_18					#DIV/0!
56	2013OCT23_C_PrestonLn_1	5.36	14144676	6430814	4135234.5	1
57	2013OCT23_C_PrestonLn_2	5.37	14042932	6588171.5	4069615.75	1
58	2013OCT23_C_PrestonLn_3	5.36	13689622	6519070.5	4121400	1
59	2013OCT23_C_SolvA_19	5.34	2284.223			#DIV/0!
60	2013OCT23_C_SolvA_20	5.35	1606.064			#DIV/0!
61	2013OCT23_C_FrazierPt_1	5.36	13122242	5658013.5	3518816	1
62	2013OCT23_C_FrazierPt_2	5.37	13133589	5628360	3468939.5	1
63	2013OCT23_C_FrazierPt_3	5.37	13076728	5580227.5	3477551	1
64	2013OCT23_C_SolvA_21	5.35	2255.904			#DIV/0!
65	2013OCT23_C_SolvA_22	5.33	1967.886			#DIV/0!
66	2013OCT23_C_SwingBridge_1	5.36	13722357	6476288	4004509.25	1
67	2013OCT23_C_SwingBridge_2	5.36	13778718	6498823.5	4041697	1
68	2013OCT23_C_SwingBridge_3	5.37	13914794	6518563.5	4007713.5	1
69	2013OCT23_C_SolvA_23	5.36	2650.493			#DIV/0!
70	2013OCT23_C_SolvA_24	5.36	547.404			#DIV/0!
71	2013OCT23_C_KingstonLn1_1	5.37	13511026	6210171	3856953.25	1
72	2013OCT23_C_KingstonLn1_2	5.37	13592791	6363859.5	3920928	1
73	2013OCT23_C_KingstonLn1_3	5.37	13861906	6420828.5	3951915.5	1
74	2013OCT23_C_SolvA_25	5.35	2991.943			#DIV/0!
75	2013OCT23_C_SolvA_26	5.38	1665.733		954.772	#DIV/0!
76	2013OCT23_C_QC_Std25_2	5.36	13858928	7203388.5	4466879.5	1
77	2013OCT23_C_SolvA_27	5.36	1890.153			#DIV/0!

78	2013OCT23_C_SolvA_28	5.37	1542.475			#DIV/0!
79	2013OCT23_C_KingstonLn2_1	5.37	14476619	7038445	4382041	1
80	2013OCT23_C_KingstonLn2_2	5.37	14314378	7139980	4406062	1
81	2013OCT23_C_KingstonLn2_3	5.37	14302194	7264861.5	4519715.5	1
82	2013OCT23_C_SolvA_29	5.36	2482.266		797.277	#DIV/0!
83	2013OCT23_C_SolvA_30	5.36	1413.12			#DIV/0!
84	2013OCT23_C_Cordova_1	5.37	13363140	6182944.5	3901066.5	1
85	2013OCT23_C_Cordova_2	5.38	13590895	6266899.5	3874496.5	1
86	2013OCT23_C_Cordova_3	5.37	13518040	6380027.5	3961570.25	1
87	2013OCT23_C_SolvA_31	5.37	2099.955		589.405	#DIV/0!
88	2013OCT23_C_SolvA_32	5.36	2171.938		647.975	#DIV/0!
89	2013OCT23_C_Tuckahoe1_1	5.37	14036706	7096353	4425476.5	1
90	2013OCT23_C_Tuckahoe1_2	5.36	14035194	7417169.5	4476412.5	1
91	2013OCT23_C_Tuckahoe1_3	5.37	14327353	7289761.5	4521879	1
92	2013OCT23_C_SolvA_33	5.35	3339.043		791.213	#DIV/0!
93	2013OCT23_C_SolvA_34	5.34	2077.687			#DIV/0!
94	2013OCT23_C_Tuckahoe2_1	5.36	13859211	6751211	4292111.5	1
95	2013OCT23_C_Tuckahoe2_2	5.36	13964047	6919796	4329440.5	1
96	2013OCT23_C_Tuckahoe2_3	5.36	13954567	6918870.5	4308951.5	1
97	2013OCT23_C_SolvA_35	5.36	3537.059			#DIV/0!
98	2013OCT23_C_SolvA_36	5.36	1282.609	32.74		0
99	2013OCT23_C_GermanBranch_1	5.36	13509843	6503132	4036006.75	1
100	2013OCT23_C_GermanBranch_2	5.36	13857656	6719791	4192554.75	1
101	2013OCT23_C_GermanBranch_3	5.35	13647050	6726279.5	4177177.5	1
102	2013OCT23_C_SolvA_37	5.35	1733.338		751.904	#DIV/0!
103	2013OCT23_C_SolvA_38	5.36	1807.698			#DIV/0!
104	2013OCT23_C_QC_Std25_3	5.37	13999836	7336125	4565533	1
105	2013OCT23_C_SolvA_39	5.35	3491.871			#DIV/0!
106	2013OCT23_C_SolvA_40	5.36	1525.337			#DIV/0!
107	2013OCT23_C_Greensboro1_1	5.36	14227534	7362330	4630681.5	1
108	2013OCT23_C_Greensboro1_2	5.37	14481610	7512460.5	4711035.5	1
109	2013OCT23_C_Greensboro1_3	5.37	14849613	7540519	4818931	1
110	2013OCT23_C_SolvA_41	5.36	2003.767			#DIV/0!
111	2013OCT23_C_SolvA_42	5.37	1142.123			#DIV/0!
112	2013OCT23_C_Greensboro2_1	5.37	13579826	6417185	4036392.25	1
113	2013OCT23_C_Greensboro2_2	5.36	13821800	6676546.5	4216959	1
114	2013OCT23_C_Greensboro2_3	5.36	13714722	6573607.5	4124805.25	1
115	2013OCT23_C_SolvA_43	5.36	3291.572	519.818		0
116	2013OCT23_C_SolvA_44	5.36	2383.9	60.017	24.85	0
117	2013OCT23_C_BeaverDam_1	5.37	13844447	6944838.5	4211337.5	1
118	2013OCT23_C_BeaverDam_2	5.38	13957437	6805879.5	4161875	1
119	2013OCT23_C_BeaverDam_3	5.37	13886681	6913985	4240945	1
120	2013OCT23_C_SolvA_45	5.35	2825.38			#DIV/0!
121	2013OCT23_C_SolvA_46					#DIV/0!
122	2013OCT23_C_LongMarsh_1	5.36	13671985	6310705	3925710.75	1

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	Ident'd?
123	2013OCT23_C_LongMarsh_2			5.36	13797191	6378323.5	3951037.25	1
124	2013OCT23_C_LongMarsh_3			5.36	13803212	6443287	3994934.25	1
125	2013OCT23_C_SolvA_47			5.35	2912.862			#DIV/0!
126	2013OCT23_C_SolvA_48			5.37	973.833	407.847		0
127	2013OCT23_C_0-01_Std_2	Standard	0.01	5.36	13757834	7160417.5	4446579	1
128	2013OCT23_C_0-05_Std_2	Standard	0.05	5.37	13844429	7125140.5	4458730	1
129	2013OCT23_C_0-1_Std_2	Standard	0.1	5.37	14275045	7809788	4921719	1
130	2013OCT23_C_0-5_Std_2	Standard	0.5	5.36	13828989	7526511.5	4649458	1
131	2013OCT23_C_1_Std_2	Standard	1	5.36	14207528	7803101	4924457	1
132	2013OCT23_C_5_Std_2	Standard	5	5.36	13999613	7510353	4752730	1
133	2013OCT23_C_10_Std_2	Standard	10	5.37	14096703	7422204.5	4661788.5	1
134	2013OCT23_C_25_Std_2	Standard	25	5.37	14100749	7461005.5	4611934	1
135	2013OCT23_C_50_Std_2	Standard	50	5.37	14137619	7359762	4653196.5	1
136	2013OCT23_C_100_Std_2	Standard	100	5.37	13829611	6895625.5	4252785	1
137	2013OCT23_C_200_Stds_2	Standard	200	5.37	14002094	7104564	4465899.5	1
138	2013OCT23_C_SolvA_49			5.36	2903.378			#DIV/0!
139	2013OCT23_C_Surrogate_2							#DIV/0!
140	2013OCT23_C_SolvA_50							#DIV/0!
141	2013OCT23_C_SolvA_51							#DIV/0!
142	2013OCT23_C_SolvA_52							#DIV/0!
143	2013OCT23_C_SolvA_53							#DIV/0!

Compound 7: Terbuthylazine

yes=1,no=0

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**
								#DIV/0!
1	2013OCT23_SolvA_1							#DIV/0!
2	2013OCT23_C_Lab Blk			8.06	5238428	4144447.75		#DIV/0!
3	2013OCT23_C_Travel Blk			8.06	5713749.5	4495536.5		#DIV/0!
4	2013OCT23_C_0-01_Std	Standard	0.01					#DIV/0!
5	2013OCT23_C_0-05_Std	Standard	0.05			39.218		#DIV/0!
6	2013OCT23_C_0-1_Std	Standard	0.1				1259.013	#DIV/0!
7	2013OCT23_C_0-5_Std	Standard	0.5				234.363	#DIV/0!
8	2013OCT23_C_1_Std	Standard	1				591.845	#DIV/0!
9	2013OCT23_C_5_Std	Standard	5			109.922	102.685	#DIV/0!
10	2013OCT23_C_10_Std	Standard	10			0.272	285.336	#DIV/0!
11	2013OCT23_C_25_Std	Standard	25				394.14	#DIV/0!
12	2013OCT23_C_50_Std	Standard	50			87.267		#DIV/0!
13	2013OCT23_C_100_Std	Standard	100			92.901	1547.979	#DIV/0!
14	2013OCT23_C_200_Stds	Standard	200			186.844	4527.618	#DIV/0!
15	2013OCT23_C_SolvA_2							#DIV/0!
16	2013OCT23_C_Surrogate_1			8.07	5893311	4641217		#DIV/0!
17	2013OCT23_C_SolvA_3						653.626	#DIV/0!
18	2013OCT23_C_SolvA_4			8.15	11.104	43.342	308.067	#DIV/0!
19	2013OCT23_C_MM_0			8.06	6257286.5	4924479		#DIV/0!
20	2013OCT23_C_MM_1			8.07	5796436	4574937		#DIV/0!
21	2013OCT23_C_MM_5			8.07	6120340.5	4798777.5		#DIV/0!
22	2013OCT23_C_MM_10			8.08	7062270	5544175		#DIV/0!

Samples	
5893277	**Overall Avg**
11%	**RSD**
97%	**Rec**
Surrogate Std	
6096160.25	**Avg**
5%	**RSD**

23	2013OCT23_C_MM_25	8.06	6261337.5	4924288.5		#DIV/0!		
24	2013OCT23_C_MM_50	8.05	6209145	4913715.5		#DIV/0!		
25	2013OCT23_C_MM_100	8.06	6742713.5	5265839		#DIV/0!		
26	2013OCT23_C_SolvA_5			242.181	478.606	#DIV/0!		
27	2013OCT23_C_SolvA_6			59.346	1136.351	#DIV/0!		
28	2013OCT23_C_NOAA_1	8.06	6042376.5	4757135.5		#DIV/0!	99%	Rec
29	2013OCT23_C_NOAA_2	8.05	6110525	4820879		#DIV/0!	100%	
30	2013OCT23_C_NOAA_3	8.06	6051465	4769264.5		#DIV/0!	99%	
31	2013OCT23_C_SolvA_7			78.341	1490.248	#DIV/0!		
32	2013OCT23_C_SolvA_8				377.304	#DIV/0!		
33	2013OCT23_C_HornPt_1	8.06	5766951.5	4568617.5		#DIV/0!	95%	Rec
34	2013OCT23_C_HornPt_2	8.04	5834865	4600429		#DIV/0!	96%	
35	2013OCT23_C_HornPt_3	8.05	5899089.5	4619507		#DIV/0!	97%	
36	2013OCT23_C_SolvA_9			47.375	2614.763	#DIV/0!		
37	2013OCT23_C_SolvA_10			25.662	2445.814	#DIV/0!		
38	2013OCT23_C_50Bridge1_1	8.05	6612161	5193767.5		#DIV/0!	108%	Rec
39	2013OCT23_C_50Bridge1_2	8.04	6618214	5214592.5		#DIV/0!	109%	
40	2013OCT23_C_50Bridge1_3	8.05	6583049	5196747.5	24553074	#DIV/0!	108%	
41	2013OCT23_C_SolvA_11	8.07	45.132	115.228	5226.793	#DIV/0!		
42	2013OCT23_C_SolvA_12					#DIV/0!		
43	2013OCT23_C_50Bridge2_1	8.05	5694934.5	4490151	23770450	#DIV/0!	93%	Rec
44	2013OCT23_C_50Bridge2_2	8.04	5784325.5	4504966.5	23822338	#DIV/0!	95%	
45	2013OCT23_C_50Bridge2_3	8.05	5758420	4526794	23749080	#DIV/0!	94%	
46	2013OCT23_C_SolvA_13	8.04	97.282	113.835	2039.922	#DIV/0!		
47	2013OCT23_C_SolvA_14	8.11	315.074	4.608	140.062	#DIV/0!		
48	2013OCT23_C_QC_Std25_1	8.07	30.721		2350.817	#DIV/0!		
49	2013OCT23_C_SolvA_15	8.01	16.501	51.967	1308.29	#DIV/0!		
50	2013OCT23_C_SolvA_16	8.07	66.681		1141.538	#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	8.08	5207848	4096382.25	21988222	#DIV/0!	85%	Rec
52	2013OCT23_C_50BridgeFurtherPt_2	8.07	5267324.5	4160452	21992884	#DIV/0!	86%	
53	2013OCT23_C_50BridgeFurtherPt_3	8.06	5324431	4210642	23069434	#DIV/0!	87%	
54	2013OCT23_C_SolvA_17	8.07	150.021	124.513	982.462	#DIV/0!		
55	2013OCT23_C_SolvA_18	8.02	85.097		29.993	#DIV/0!		
56	2013OCT23_C_PrestonLn_1	8.07	5541004	4359240.5	22493000	#DIV/0!	91%	Rec
57	2013OCT23_C_PrestonLn_2	8.08	5554988	4350872.5	22301226	#DIV/0!	91%	
58	2013OCT23_C_PrestonLn_3	8.06	5564661.5	4388738	23379510	#DIV/0!	91%	
59	2013OCT23_C_SolvA_19	8.06	363.713	88.902	4890.146	#DIV/0!		
60	2013OCT23_C_SolvA_20	8.01	73.917	179.947	460.202	#DIV/0!		
61	2013OCT23_C_FrazierPt_1	8.06	4161659.75	3284876.25	21287600	#DIV/0!	68%	Rec
62	2013OCT23_C_FrazierPt_2	8.07	4134707	3252171.25	20877110	#DIV/0!	68%	
63	2013OCT23_C_FrazierPt_3	8.08	4127945.25	3271589.25	21370312	#DIV/0!	68%	
64	2013OCT23_C_SolvA_21	8.09	390.765	64.12	1083.492	#DIV/0!		
65	2013OCT23_C_SolvA_22	8.07	252.254	91.834	754.393	#DIV/0!		
66	2013OCT23_C_SwingBridge_1	8.06	6083410.5	4782369	23000340	#DIV/0!	100%	Rec
67	2013OCT23_C_SwingBridge_2	8.07	6028689	4735070	22901062	#DIV/0!	99%	

68	2013OCT23_C_SwingBridge_3	8.07	6008430.5	4754499.5	23762194	#DIV/0!	99%	
69	2013OCT23_C_SolvA_23	8.07	61.013	293.788	3929.162	#DIV/0!		
70	2013OCT23_C_SolvA_24	8.05	13.32	56.685	174.343	#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	8.08	5690947	4475375.5	22430418	#DIV/0!	93%	Rec
72	2013OCT23_C_KingstonLn1_2	8.09	5692881.5	4452079.5	22272708	#DIV/0!	93%	
73	2013OCT23_C_KingstonLn1_3	8.08	5740835.5	4489103.5	23262928	#DIV/0!	94%	
74	2013OCT23_C_SolvA_25	8.08	189.935	52.95	7413.569	#DIV/0!		
75	2013OCT23_C_SolvA_26	8.04	0.393		428.27	#DIV/0!		
76	2013OCT23_C_QC_Std25_2			119.311	543.076	#DIV/0!		
77	2013OCT23_C_SolvA_27			61.766	589.703	#DIV/0!		
78	2013OCT23_C_SolvA_28			4.159	980.116	#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	8.08	6395692.5	5004348	23852258	#DIV/0!	105%	Rec
80	2013OCT23_C_KingstonLn2_2	8.07	6445768.5	5046291	23870900	#DIV/0!	106%	
81	2013OCT23_C_KingstonLn2_3	8.07	6467812	5096029	23899234	#DIV/0!	106%	
82	2013OCT23_C_SolvA_29	8.08	395.15	740.34	9349.536	#DIV/0!		
83	2013OCT23_C_SolvA_30	8.05	465.116	5.304	1132.563	#DIV/0!		
84	2013OCT23_C_Cordova_1	8.07	5402799.5	4260190	23151208	#DIV/0!	89%	Rec
85	2013OCT23_C_Cordova_2	8.09	5481588.5	4240134	21962586	#DIV/0!	90%	
86	2013OCT23_C_Cordova_3	8.07	5430179	4276963.5	23164014	#DIV/0!	89%	
87	2013OCT23_C_SolvA_31	8.08	244.9	31.846	8180.896	#DIV/0!		
88	2013OCT23_C_SolvA_32	8.03	584.12	430.457	3789.841	#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	8.07	6592266.5	5178498	23288532	#DIV/0!	108%	Rec
90	2013OCT23_C_Tuckahoe1_2	8.07	6600917.5	5210358.5	24291988	#DIV/0!	108%	
91	2013OCT23_C_Tuckahoe1_3	8.07	6641442.5	5312541.5	23336848	#DIV/0!	109%	
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34	8.06	50.497	7.893	4020.917	#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	8.06	6312000.5	4981127	24166576	#DIV/0!	104%	Rec
95	2013OCT23_C_Tuckahoe2_2	8.06	6318835	4954180	23174994	#DIV/0!	104%	
96	2013OCT23_C_Tuckahoe2_3	8.06	6284010.5	4957861	24142024	#DIV/0!	103%	
97	2013OCT23_C_SolvA_35	8.08	69.914	43.786	10454.31	#DIV/0!		
98	2013OCT23_C_SolvA_36	8.07	624.831	461.816	3086.685	#DIV/0!		
99	2013OCT23_C_GermanBranch_1	8.06	5625856.5	4477853.5	23956770	#DIV/0!	92%	Rec
100	2013OCT23_C_GermanBranch_2	8.05	5728602.5	4484997.5	24186042	#DIV/0!	94%	
101	2013OCT23_C_GermanBranch_3	8.04	5751477.5	4517480.5	109303.641	#DIV/0!	94%	
102	2013OCT23_C_SolvA_37	8.07	278.823	48.232	6383.152	#DIV/0!		
103	2013OCT23_C_SolvA_38					#DIV/0!		
104	2013OCT23_C_QC_Std25_3	8.09	1.919	172.927	327.06	#DIV/0!		
105	2013OCT23_C_SolvA_39					#DIV/0!		
106	2013OCT23_C_SolvA_40	8.1	60.013	94.754	1091.665	#DIV/0!		
107	2013OCT23_C_Greensboro1_1	8.06	6988925.5	5485475	24553756	#DIV/0!	115%	Rec
108	2013OCT23_C_Greensboro1_2	8.07	6980966.5	5532111.5	24424898	#DIV/0!	115%	
109	2013OCT23_C_Greensboro1_3	8.06	7119629.5	5602423.5	24708462	#DIV/0!	117%	
110	2013OCT23_C_SolvA_41	8.07	2.875	96.311	6339.999	#DIV/0!		
111	2013OCT23_C_SolvA_42					#DIV/0!		
112	2013OCT23_C_Greensboro2_1	8.07	6187979.5	4858712.5	22871928	#DIV/0!	102%	Rec

113	2013OCT23_C_Greensboro2_2			8.05	6268174.5	4948856	23149436	#DIV/0!	103%	
114	2013OCT23_C_Greensboro2_3			8.07	6258548	4877092	113133.563	#DIV/0!	103%	
115	2013OCT23_C_SolvA_43			8.05	73.061	702.4	2499.78	#DIV/0!		
116	2013OCT23_C_SolvA_44			8.08	290.769	62.036	2655.007	#DIV/0!		
117	2013OCT23_C_BeaverDam_1			8.09	6514916.5	5092971	23181604	#DIV/0!	107%	Rec
118	2013OCT23_C_BeaverDam_2			8.09	6533043	5128202.5	22960200	#DIV/0!	107%	
119	2013OCT23_C_BeaverDam_3			8.07	6594009.5	5182635	24071368	#DIV/0!	108%	
120	2013OCT23_C_SolvA_45			8.05	1131.31	101.222	9103.072	#DIV/0!		
121	2013OCT23_C_SolvA_46			8.07	40.993	550.144	3138.875	#DIV/0!		
122	2013OCT23_C_LongMarsh_1			8.05	5076872	3989680	23375844	#DIV/0!	83%	Rec
123	2013OCT23_C_LongMarsh_2			8.05	5100644	3993153	22754734	#DIV/0!	84%	
124	2013OCT23_C_LongMarsh_3			8.06	5082218	3996398.75	22734226	#DIV/0!	83%	
125	2013OCT23_C_SolvA_47			8.08	25.036	77.013	6589.618	#DIV/0!		
126	2013OCT23_C_SolvA_48			8.08	113.23	66.145	921.548	#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01	8.11	22.317	171.153	455.503	#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	8.04	0.224	18.961	1151.247	#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	8.07	395.466	174.872	3461.606	#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	8.06	382.52		3102.997	#DIV/0!		
131	2013OCT23_C_1_Std_2	Standard	1	8.11	238.788	83.31	3573.056	#DIV/0!		
132	2013OCT23_C_5_Std_2	Standard	5	8.02	12.615	28.036	619.41	#DIV/0!		
133	2013OCT23_C_10_Std_2	Standard	10	8.1	51.273		2963.405	#DIV/0!		
134	2013OCT23_C_25_Std_2	Standard	25	8.09	340.174	2.181	2558.753	#DIV/0!		
135	2013OCT23_C_50_Std_2	Standard	50					#DIV/0!		
136	2013OCT23_C_100_Std_2	Standard	100	8.1	329.847	60.579	972.532	#DIV/0!		
137	2013OCT23_C_200_Stds_2	Standard	200					#DIV/0!		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2			8.05	6299009.5	4964023	23846508	#DIV/0!		
140	2013OCT23_C_SolvA_50			8.1	425.925		1646.65	#DIV/0!		
141	2013OCT23_C_SolvA_51			8.11	46.27	90.46	1466.9	#DIV/0!		
142	2013OCT23_C_SolvA_52			8.05	17.12	522.074	73.11	#DIV/0!		
143	2013OCT23_C_SolvA_53			8.12	75.298	51.925	179.511	#DIV/0!		

Compound 8: Metolachlor OH

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**	**yes=1,no=0 Calc'd**	**Conc. (ng/g) %diff**
								0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk							0		
4	2013OCT23_C_0-01_Std	Standard	0.01					0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05					0	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1	7.28	4393.491	2829.617	40617.645	0	0.08	-18%
7	2013OCT23_C_0-5_Std	Standard	0.5	7.27	23204.668	13959.017	190849.922	1	0.4	-13%
8	2013OCT23_C_1_Std	Standard	1	7.28	46210.18	28851.219	391418.531	1	0.9	-14%
9	2013OCT23_C_5_Std	Standard	5	7.28	236986.656	157629.813	1905670.125	1	4.4	-11%
10	2013OCT23_C_10_Std	Standard	10	7.28	473957.469	313481.313	3648223.75	1	8.9	-11%
11	2013OCT23_C_25_Std	Standard	25	7.29	1183227.25	762995.375	8653586	1	22.1	-12%
12	2013OCT23_C_50_Std	Standard	50	7.29	2451916.5	1574158	14921116	1	45.8	-8%

13	2013OCT23_C_100_Std	Standard	100	7.28	4352442.5	2792169.75	19121592	1	81.3	-19%
14	2013OCT23_C_200_Stds	Standard	200	7.27	10741802	6864319	24179026	1	200.7	0%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.00	-100%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.1	-22%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.5	-10%
19	2013OCT23_C_MM_0			7.28	138032.172	87951.383	1003348.875	1	1.0	-1%
20	2013OCT23_C_MM_1			7.29	163608.625	110752.391	1264008.875	1	5.0	0%
21	2013OCT23_C_MM_5			7.29	373025.469	234011.578	2639835.25	1	9.9	-1%
22	2013OCT23_C_MM_10			7.3	707281.625	443898.75	4905288.5	1	24.6	-2%
23	2013OCT23_C_MM_25			7.29	1357490.25	869680.375	9110636	1	49.1	-2%
24	2013OCT23_C_MM_50			7.28	7138541.5	4546327.5		0	87.8	-12%
25	2013OCT23_C_MM_100			7.28	156186.75	96690.375	1137670.875	1	216.5	8%
26	2013OCT23_C_SolvA_5					1.446	230.9	#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6					74.393	528.003	#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			7.29	152293.359	99952.586	1187297	1	**28.46**	**30.60**
29	2013OCT23_C_NOAA_2			7.28	153168.656	99447.484	1190057	1	**28.62**	**30.77**
30	2013OCT23_C_NOAA_3			7.29	152131.344	97292.594	1186785.625	1	**28.43**	**30.57**
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8					35.85	0.545	#DIV/0!		
33	2013OCT23_C_HornPt_1			7.29	196333.469	127751.797	1509107.375	1	**36.69**	**39.45**
34	2013OCT23_C_HornPt_2			7.27	197447.344	128551.578	1512720.5	1	**36.90**	**39.67**
35	2013OCT23_C_HornPt_3			7.27	195350.797	126412.883	1519661.5	1	**36.51**	**39.25**
36	2013OCT23_C_SolvA_9					103.519	23.289	#DIV/0!		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1			7.28	253410.75	164013.047	1886084.625	1	**47.36**	**50.91**
39	2013OCT23_C_50Bridge1_2			7.27	252427.594	165420.016	1879475.875	1	**47.17**	**50.72**
40	2013OCT23_C_50Bridge1_3			7.28	253167.219	159105.125	1871529.375	1	**47.31**	**50.86**
41	2013OCT23_C_SolvA_11							#DIV/0!		
42	2013OCT23_C_SolvA_12							#DIV/0!		
43	2013OCT23_C_50Bridge2_1			7.28	229864.188	144243.313	1694734.625	1	**42.96**	**46.18**
44	2013OCT23_C_50Bridge2_2			7.27	223773.766	140214.813	1698311.625	1	**41.82**	**44.96**
45	2013OCT23_C_50Bridge2_3			7.28	226204.109	146503.156	1685717.75	1	**42.27**	**45.45**
46	2013OCT23_C_SolvA_13					61.964	224.057	#DIV/0!		
47	2013OCT23_C_SolvA_14					62.153	403.428	#DIV/0!		
48	2013OCT23_C_QC_Std25_1			7.27	1275174	822797.813	9575453	1	**238.31**	**256.20**
49	2013OCT23_C_SolvA_15							#DIV/0!		
50	2013OCT23_C_SolvA_16						649.345	#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1			7.3	229296.625	147994.141	1728025	1	**42.85**	**46.07**
52	2013OCT23_C_50BridgeFurtherPt_2			7.29	235919.578	148153.922	1764931.25	1	**44.09**	**47.40**
53	2013OCT23_C_50BridgeFurtherPt_3			7.28	238627.047	148767.438	1801545	1	**44.60**	**47.94**
54	2013OCT23_C_SolvA_17					4.442	609.007	#DIV/0!		
55	2013OCT23_C_SolvA_18					0.884	91.029	#DIV/0!		
56	2013OCT23_C_PrestonLn_1			7.29	203558.063	124238.664	1492839.25	1	**38.04**	**40.90**
57	2013OCT23_C_PrestonLn_2			7.3	211868.063	133407.922	1522438.25	1	**39.59**	**42.57**
58	2013OCT23_C_PrestonLn_3			7.28	215711.188	133478.016	1540612.875	1	**40.31**	**43.34**

59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20			27.38	293.255	#DIV/0!		
61	2013OCT23_C_FrazierPt_1	7.28	161468.063	102120.219	1175835.125	1	**30.18**	**32.44**
62	2013OCT23_C_FrazierPt_2	7.3	164798.234	102527.961	1196280.75	1	**30.80**	**33.11**
63	2013OCT23_C_FrazierPt_3	7.3	161517.813	102493.43	1202370.875	1	**30.18**	**32.45**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22				22.103	#DIV/0!		
66	2013OCT23_C_SwingBridge_1	7.29	192381.094	120855.828	1417367.375	1	**35.95**	**38.65**
67	2013OCT23_C_SwingBridge_2	7.29	191804.281	118485.102	1410619.25	1	**35.84**	**38.54**
68	2013OCT23_C_SwingBridge_3	7.29	192609.344	122486.219	1400496	1	**36.00**	**38.70**
69	2013OCT23_C_SolvA_23				99.841	#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	7.3	174078.281	112413.453	1316075.625	1	**32.53**	**34.97**
72	2013OCT23_C_KingstonLn1_2	7.3	169829.094	116472.086	1363812.25	1	**31.74**	**34.12**
73	2013OCT23_C_KingstonLn1_3	7.3	184173.281	112618.516	1377931.625	1	**34.42**	**37.00**
74	2013OCT23_C_SolvA_25				69.272	#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	7.29	1253473.25	788578.5	9561829	1	**234.25**	**251.84**
77	2013OCT23_C_SolvA_27			45.766		#DIV/0!		
78	2013OCT23_C_SolvA_28			20.131	151.903	#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	7.3	200861.375	131057.961	1553913.375	1	**37.54**	**40.36**
80	2013OCT23_C_KingstonLn2_2	7.29	209947.672	136257.656	1575796.25	1	**39.24**	**42.18**
81	2013OCT23_C_KingstonLn2_3	7.28	207302.078	133747.375	1599099.75	1	**38.74**	**41.65**
82	2013OCT23_C_SolvA_29				1227.648	#DIV/0!		
83	2013OCT23_C_SolvA_30			11.103	199.822	#DIV/0!		
84	2013OCT23_C_Cordova_1	7.3	51355.457	31783.99	434401.719	1	**9.60**	**10.32**
85	2013OCT23_C_Cordova_2	7.3	53143.176	31920.029	435477.844	1	**9.93**	**10.68**
86	2013OCT23_C_Cordova_3	7.29	54410.773	33219.402	441856.813	1	**10.17**	**10.93**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32					#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	7.3	50584.551	32687.506	432575.313	1	**9.45**	**10.16**
90	2013OCT23_C_Tuckahoe1_2	7.3	54685.684	34021.27	426648.875	1	**10.22**	**10.99**
91	2013OCT23_C_Tuckahoe1_3	7.29	52321.238	33876.539	453848.969	1	**9.78**	**10.51**
92	2013OCT23_C_SolvA_33			32.735	47.806	#DIV/0!		
93	2013OCT23_C_SolvA_34			60.601	2071.497	#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	7.29	49749.57	31840.174	410064	1	**9.30**	**10.00**
95	2013OCT23_C_Tuckahoe2_2	7.28	48478.613	32774.461	429444.5	1	**9.06**	**9.74**
96	2013OCT23_C_Tuckahoe2_3	7.28	51382.457	31600.48	427675.125	1	**9.60**	**10.32**
97	2013OCT23_C_SolvA_35			108.926	271.137	#DIV/0!		
98	2013OCT23_C_SolvA_36			29.185	10.652	#DIV/0!		
99	2013OCT23_C_GermanBranch_1	7.29	23252.088	14633.229	218950.891	1	**4.35**	**4.67**
100	2013OCT23_C_GermanBranch_2	7.28	26987.512	16329.647	223295.25	1	**5.04**	**5.42**
101	2013OCT23_C_GermanBranch_3	7.27	25897.475	15671.3	221622.469	1	**4.84**	**5.20**
102	2013OCT23_C_SolvA_37				716.231	#DIV/0!		
103	2013OCT23_C_SolvA_38					#DIV/0!		

104	2013OCT23_C_QC_Std25_3			7.3	1270519.25	824620.188	10133840	1	**237.44**	**255.26**
105	2013OCT23_C_SolvA_39							#DIV/0!		
106	2013OCT23_C_SolvA_40							#DIV/0!		
107	2013OCT23_C_Greensboro1_1			7.28	74558.898	47081.977	625469.438	1	**13.93**	**14.98**
108	2013OCT23_C_Greensboro1_2			7.29	77942.984	48270.137	622745.375	1	**14.57**	**15.66**
109	2013OCT23_C_Greensboro1_3			7.28	78386.219	47546.555	612838.938	1	**14.65**	**15.75**
110	2013OCT23_C_SolvA_41					81.657	131.452	#DIV/0!		
111	2013OCT23_C_SolvA_42					4.464	933.783	#DIV/0!		
112	2013OCT23_C_Greensboro2_1			7.29	62810.004	41241.793	546993.625	1	**11.74**	**12.62**
113	2013OCT23_C_Greensboro2_2			7.28	63349.461	41527.926	519103	1	**11.84**	**12.73**
114	2013OCT23_C_Greensboro2_3			7.28	66188.195	43297.152	545777.25	1	**12.37**	**13.30**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44					81.29	569.116	#DIV/0!		
117	2013OCT23_C_BeaverDam_1			7.3	34427.227	21158.463	306474.875	1	**6.43**	**6.92**
118	2013OCT23_C_BeaverDam_2			7.31	37296.008	23392.758	308267.813	1	**6.97**	**7.49**
119	2013OCT23_C_BeaverDam_3			7.3	39456.355	23419.459	327978.125	1	**7.37**	**7.93**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1			7.29	62722.625	40947.664	522781	1	**11.72**	**12.60**
123	2013OCT23_C_LongMarsh_2			7.28	64713.266	41453.617	539615.563	1	**12.09**	**13.00**
124	2013OCT23_C_LongMarsh_3			7.28	65647.172	39249.762	535320.625	1	**12.27**	**13.19**
125	2013OCT23_C_SolvA_47					200.626	218.477	#DIV/0!		
126	2013OCT23_C_SolvA_48					8.566	360.353	#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01			46.772	798.182	#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05			119.801	18174.881	#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	7.3	4167.967	2454.377	49571.234	1		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	7.27	24148.633	15543.22	226669.734	1		
131	2013OCT23_C_1_Std_2	Standard	1	7.28	52818.84	31925.969	457585.063	1		
132	2013OCT23_C_5_Std_2	Standard	5	7.29	267122.656	172421.016	2286860	1		
133	2013OCT23_C_10_Std_2	Standard	10	7.29	529077.188	333960.438	4353384.5	1		
134	2013OCT23_C_25_Std_2	Standard	25	7.3	1313887.625	827245.875	10212592	1		
135	2013OCT23_C_50_Std_2	Standard	50	7.3	2624732.5	1654050.5	16338397	1		
136	2013OCT23_C_100_Std_2	Standard	100	7.3	4696824	2926549.75	79.579	0		
137	2013OCT23_C_200_Stds_2	Standard	200	7.3	11583521	7251858.5		#DIV/0!		
138	2013OCT23_C_SolvA_49					175.43	4228.198	#DIV/0!		
139	2013OCT23_C_Surrogate_2					68.141	371.455	#DIV/0!		
140	2013OCT23_C_SolvA_50					74.457	483.984	#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52					1.253	541.124	#DIV/0!		
143	2013OCT23_C_SolvA_53						854.132	#DIV/0!		

Compound 9: Alachlor

									yes=1,no=0	**Conc. (ng/g)**
								Ident'd?	**Calc'd**	**%diff**
	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk							0		

4	2013OCT23_C_0-01_Std	Standard	0.01				0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05				0	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1				0	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5	9.23	11516.416	4764.146	1	1.2	147%
8	2013OCT23_C_1_Std	Standard	1	9.23	17319.912	8739.555	1	1.9	86%
9	2013OCT23_C_5_Std	Standard	5	9.24	103633.984	45581.301	1	11.1	122%
10	2013OCT23_C_10_Std	Standard	10	9.24	185469.984	84902.242	1	19.9	99%
11	2013OCT23_C_25_Std	Standard	25	9.24	419438.938	189526.734	1	45.0	80%
12	2013OCT23_C_50_Std	Standard	50	9.24	674233.313	307345.969	1	72.4	45%
13	2013OCT23_C_100_Std	Standard	100	9.24	1124070.125	506496.531	1	120.6	21%
14	2013OCT23_C_200_Stds	Standard	200	9.23	1716037.375	779049.938	1	184.1	-8%
15	2013OCT23_C_SolvA_2					1918.933	#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1						#DIV/0!	0.00	-100%
17	2013OCT23_C_SolvA_3						#DIV/0!	0.0	-100%
18	2013OCT23_C_SolvA_4						#DIV/0!	1.3	150%
19	2013OCT23_C_MM_0						#DIV/0!	1.7	71%
20	2013OCT23_C_MM_1			9.24	17265.738	6542.662	1	11.3	125%
21	2013OCT23_C_MM_5			9.24	79923.82	36258.348	1	20.2	102%
22	2013OCT23_C_MM_10			9.24	174181.422	78545.492	1	44.5	78%
23	2013OCT23_C_MM_25			9.24	354238.594	169044.031	1	71.7	43%
24	2013OCT23_C_MM_50			9.24	582044.688	272913.094	1	112.0	12%
25	2013OCT23_C_MM_100			9.24	998569.625	451582.094	1	182.3	-9%
26	2013OCT23_C_SolvA_5						#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6						#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1						#DIV/0!	**0.00**	**0.00**
29	2013OCT23_C_NOAA_2						#DIV/0!	**0.00**	**0.00**
30	2013OCT23_C_NOAA_3						#DIV/0!	**0.00**	**0.00**
31	2013OCT23_C_SolvA_7						#DIV/0!		
32	2013OCT23_C_SolvA_8						#DIV/0!		
33	2013OCT23_C_HornPt_1						#DIV/0!	**0.00**	**0.00**
34	2013OCT23_C_HornPt_2					1326.009	#DIV/0!	**0.00**	**0.00**
35	2013OCT23_C_HornPt_3						#DIV/0!	**0.00**	**0.00**
36	2013OCT23_C_SolvA_9						#DIV/0!		
37	2013OCT23_C_SolvA_10						#DIV/0!		
38	2013OCT23_C_50Bridge1_1						#DIV/0!	**0.00**	**0.00**
39	2013OCT23_C_50Bridge1_2						#DIV/0!	**0.00**	**0.00**
40	2013OCT23_C_50Bridge1_3						#DIV/0!	**0.00**	**0.00**
41	2013OCT23_C_SolvA_11						#DIV/0!		
42	2013OCT23_C_SolvA_12						#DIV/0!		
43	2013OCT23_C_50Bridge2_1						#DIV/0!	**0.00**	**0.00**
44	2013OCT23_C_50Bridge2_2						#DIV/0!	**0.00**	**0.00**
45	2013OCT23_C_50Bridge2_3						#DIV/0!	**0.00**	**0.00**
46	2013OCT23_C_SolvA_13						#DIV/0!		
47	2013OCT23_C_SolvA_14						#DIV/0!		
48	2013OCT23_C_QC_Std25_1			9.24	398554.844	190244.781	1	**427.69**	**377.30**
49	2013OCT23_C_SolvA_15						#DIV/0!		

50	2013OCT23_C_SolvA_16				#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1				#DIV/0!	**0.00**	**0.00**
52	2013OCT23_C_50BridgeFurtherPt_2				#DIV/0!	**0.00**	**0.00**
53	2013OCT23_C_50BridgeFurtherPt_3				#DIV/0!	**0.00**	**0.00**
54	2013OCT23_C_SolvA_17				#DIV/0!		
55	2013OCT23_C_SolvA_18				#DIV/0!		
56	2013OCT23_C_PrestonLn_1				#DIV/0!	**0.00**	**0.00**
57	2013OCT23_C_PrestonLn_2				#DIV/0!	**0.00**	**0.00**
58	2013OCT23_C_PrestonLn_3				#DIV/0!	**0.00**	**0.00**
59	2013OCT23_C_SolvA_19				#DIV/0!		
60	2013OCT23_C_SolvA_20				#DIV/0!		
61	2013OCT23_C_FrazierPt_1				#DIV/0!	**0.00**	**0.00**
62	2013OCT23_C_FrazierPt_2				#DIV/0!	**0.00**	**0.00**
63	2013OCT23_C_FrazierPt_3				#DIV/0!	**0.00**	**0.00**
64	2013OCT23_C_SolvA_21				#DIV/0!		
65	2013OCT23_C_SolvA_22				#DIV/0!		
66	2013OCT23_C_SwingBridge_1			2051.114	#DIV/0!	**0.00**	**0.00**
67	2013OCT23_C_SwingBridge_2			1948.851	#DIV/0!	**0.00**	**0.00**
68	2013OCT23_C_SwingBridge_3			1456.767	#DIV/0!	**0.00**	**0.00**
69	2013OCT23_C_SolvA_23				#DIV/0!		
70	2013OCT23_C_SolvA_24				#DIV/0!		
71	2013OCT23_C_KingstonLn1_1				#DIV/0!	**0.00**	**0.00**
72	2013OCT23_C_KingstonLn1_2				#DIV/0!	**0.00**	**0.00**
73	2013OCT23_C_KingstonLn1_3				#DIV/0!	**0.00**	**0.00**
74	2013OCT23_C_SolvA_25				#DIV/0!		
75	2013OCT23_C_SolvA_26				#DIV/0!		
76	2013OCT23_C_QC_Std25_2	9.24	436719.781	199580.063	1	**468.64**	**413.43**
77	2013OCT23_C_SolvA_27				#DIV/0!		
78	2013OCT23_C_SolvA_28				#DIV/0!		
79	2013OCT23_C_KingstonLn2_1				#DIV/0!	**0.00**	**0.00**
80	2013OCT23_C_KingstonLn2_2				#DIV/0!	**0.00**	**0.00**
81	2013OCT23_C_KingstonLn2_3			1470.374	#DIV/0!	**0.00**	**0.00**
82	2013OCT23_C_SolvA_29				#DIV/0!		
83	2013OCT23_C_SolvA_30				#DIV/0!		
84	2013OCT23_C_Cordova_1				#DIV/0!	**0.00**	**0.00**
85	2013OCT23_C_Cordova_2				#DIV/0!	**0.00**	**0.00**
86	2013OCT23_C_Cordova_3				#DIV/0!	**0.00**	**0.00**
87	2013OCT23_C_SolvA_31				#DIV/0!		
88	2013OCT23_C_SolvA_32				#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1			1242.325	#DIV/0!	**0.00**	**0.00**
90	2013OCT23_C_Tuckahoe1_2			1577.232	#DIV/0!	**0.00**	**0.00**
91	2013OCT23_C_Tuckahoe1_3			93.544	#DIV/0!	**0.00**	**0.00**
92	2013OCT23_C_SolvA_33				#DIV/0!		
93	2013OCT23_C_SolvA_34				#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1			1558.203	#DIV/0!	**0.00**	**0.00**

95	2013OCT23_C_Tuckahoe2_2					16.079	#DIV/0!	0.00	0.00
96	2013OCT23_C_Tuckahoe2_3					0.425	#DIV/0!	0.00	0.00
97	2013OCT23_C_SolvA_35						#DIV/0!		
98	2013OCT23_C_SolvA_36						#DIV/0!		
99	2013OCT23_C_GermanBranch_1						#DIV/0!	0.00	0.00
100	2013OCT23_C_GermanBranch_2						#DIV/0!	0.00	0.00
101	2013OCT23_C_GermanBranch_3						#DIV/0!	0.00	0.00
102	2013OCT23_C_SolvA_37						#DIV/0!		
103	2013OCT23_C_SolvA_38						#DIV/0!		
104	2013OCT23_C_QC_Std25_3			9.24	403725.969	181543.672	1	433.24	382.20
105	2013OCT23_C_SolvA_39						#DIV/0!		
106	2013OCT23_C_SolvA_40					236.78	#DIV/0!		
107	2013OCT23_C_Greensboro1_1					197.461	#DIV/0!	0.00	0.00
108	2013OCT23_C_Greensboro1_2						#DIV/0!	0.00	0.00
109	2013OCT23_C_Greensboro1_3						#DIV/0!	0.00	0.00
110	2013OCT23_C_SolvA_41						#DIV/0!		
111	2013OCT23_C_SolvA_42					11.756	#DIV/0!		
112	2013OCT23_C_Greensboro2_1					1169.619	#DIV/0!	0.00	0.00
113	2013OCT23_C_Greensboro2_2						#DIV/0!	0.00	0.00
114	2013OCT23_C_Greensboro2_3						#DIV/0!	0.00	0.00
115	2013OCT23_C_SolvA_43						#DIV/0!		
116	2013OCT23_C_SolvA_44						#DIV/0!		
117	2013OCT23_C_BeaverDam_1						#DIV/0!	0.00	0.00
118	2013OCT23_C_BeaverDam_2						#DIV/0!	0.00	0.00
119	2013OCT23_C_BeaverDam_3						#DIV/0!	0.00	0.00
120	2013OCT23_C_SolvA_45						#DIV/0!		
121	2013OCT23_C_SolvA_46						#DIV/0!		
122	2013OCT23_C_LongMarsh_1						#DIV/0!	0.00	0.00
123	2013OCT23_C_LongMarsh_2						#DIV/0!	0.00	0.00
124	2013OCT23_C_LongMarsh_3						#DIV/0!	0.00	0.00
125	2013OCT23_C_SolvA_47						#DIV/0!		
126	2013OCT23_C_SolvA_48					815.844	#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01				#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05				#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1				#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	9.23	11663.605	3795.662	0		
131	2013OCT23_C_1_Std_2	Standard	1	9.23	15891.979	8664.979	1		
132	2013OCT23_C_5_Std_2	Standard	5	9.24	105038.789	45403.039	1		
133	2013OCT23_C_10_Std_2	Standard	10	9.24	187908.969	82339.648	1		
134	2013OCT23_C_25_Std_2	Standard	25	9.24	414723.438	189850.719	1		
135	2013OCT23_C_50_Std_2	Standard	50	9.24	668406.188	311272.375	1		
136	2013OCT23_C_100_Std_2	Standard	100	9.24	1043713	506250.813	1		
137	2013OCT23_C_200_Stds_2	Standard	200	9.24	1698413.25	773274.688	1		
138	2013OCT23_C_SolvA_49						#DIV/0!		
139	2013OCT23_C_Surrogate_2						#DIV/0!		
140	2013OCT23_C_SolvA_50						#DIV/0!		

141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 10: Acetochlor

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	Ident'd?	yes=1,no=0 Calc'd	Conc. (ng/g) %diff
								0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk							0		
4	2013OCT23_C_0-01_Std	Standard	0.01					0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05	9.23	5430.279	2575.574		0	0.07	49%
6	2013OCT23_C_0-1_Std	Standard	0.1	9.23	15678.784	9210.922		0	0.22	115%
7	2013OCT23_C_0-5_Std	Standard	0.5	9.23	76097.797	35463.984	12331.438	1	1.0	109%
8	2013OCT23_C_1_Std	Standard	1	9.23	139136.141	63006.453	22529.586	1	1.9	91%
9	2013OCT23_C_5_Std	Standard	5	9.23	861703.813	411723.906	143276.484	1	11.8	137%
10	2013OCT23_C_10_Std	Standard	10	9.23	1574370.625	769579.063	264132.188	1	21.6	116%
11	2013OCT23_C_25_Std	Standard	25	9.23	3501204	1738501.25	604844.875	1	48.1	92%
12	2013OCT23_C_50_Std	Standard	50	9.23	5870128.5	2905196.25	998154.438	1	80.7	61%
13	2013OCT23_C_100_Std	Standard	100	9.23	9602249	5004794	1710665.625	1	131.9	32%
14	2013OCT23_C_200_Stds	Standard	200	9.22	12546863	8009870.5	2661905.5	1	172.4	-14%
15	2013OCT23_C_SolvA_2			9.23	20050.385	6249.841		0	0.00	-100%
16	2013OCT23_C_Surrogate_1			9.22	3969.523			#DIV/0!	0.09	71%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.2	147%
18	2013OCT23_C_SolvA_4							#DIV/0!	1.1	111%
19	2013OCT23_C_MM_0							#DIV/0!	1.9	95%
20	2013OCT23_C_MM_1			9.23	125029.43	57164.926	21456.633	1	12.0	141%
21	2013OCT23_C_MM_5			9.23	603719	295568.844	105756.703	1	21.5	115%
22	2013OCT23_C_MM_10			9.23	1459676.125	721705.75	253945.938	1	47.3	89%
23	2013OCT23_C_MM_25			9.23	3105884.25	1387706.875	537132.625	1	83.5	67%
24	2013OCT23_C_MM_50			9.23	5188572.5	2557899.25	914815.375	1	132.7	33%
25	2013OCT23_C_MM_100			9.23	8796277	4350081.5	1488622.625	1	172.0	-14%
26	2013OCT23_C_SolvA_5			9.23	13457.919	5524.959		0	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6							#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1							#DIV/0!	**0.00**	**0.00**
29	2013OCT23_C_NOAA_2							#DIV/0!	**0.00**	**0.00**
30	2013OCT23_C_NOAA_3							#DIV/0!	**0.00**	**0.00**
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8							#DIV/0!		
33	2013OCT23_C_HornPt_1							#DIV/0!	**0.00**	**0.00**
34	2013OCT23_C_HornPt_2							#DIV/0!	**0.00**	**0.00**
35	2013OCT23_C_HornPt_3							#DIV/0!	**0.00**	**0.00**
36	2013OCT23_C_SolvA_9							#DIV/0!		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1							#DIV/0!	**0.00**	**0.00**
39	2013OCT23_C_50Bridge1_2							#DIV/0!	**0.00**	**0.00**
40	2013OCT23_C_50Bridge1_3							#DIV/0!	**0.00**	**0.00**

41	2013OCT23_C_SolvA_11					#DIV/0!		
42	2013OCT23_C_SolvA_12					#DIV/0!		
43	2013OCT23_C_50Bridge2_1					#DIV/0!	**0.00**	**0.00**
44	2013OCT23_C_50Bridge2_2					#DIV/0!	**0.00**	**0.00**
45	2013OCT23_C_50Bridge2_3					#DIV/0!	**0.00**	**0.00**
46	2013OCT23_C_SolvA_13					#DIV/0!		
47	2013OCT23_C_SolvA_14					#DIV/0!		
48	2013OCT23_C_QC_Std25_1	9.23	3613030.25	1763718.5	623941.25	1	**496.45**	**387.84**
49	2013OCT23_C_SolvA_15					#DIV/0!		
50	2013OCT23_C_SolvA_16					#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1					#DIV/0!	**0.00**	**0.00**
52	2013OCT23_C_50BridgeFurtherPt_2					#DIV/0!	**0.00**	**0.00**
53	2013OCT23_C_50BridgeFurtherPt_3					#DIV/0!	**0.00**	**0.00**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1					#DIV/0!	**0.00**	**0.00**
57	2013OCT23_C_PrestonLn_2					#DIV/0!	**0.00**	**0.00**
58	2013OCT23_C_PrestonLn_3	9.22	4794.007			#DIV/0!	**0.66**	**0.51**
59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1					#DIV/0!	**0.00**	**0.00**
62	2013OCT23_C_FrazierPt_2					#DIV/0!	**0.00**	**0.00**
63	2013OCT23_C_FrazierPt_3					#DIV/0!	**0.00**	**0.00**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1					#DIV/0!	**0.00**	**0.00**
67	2013OCT23_C_SwingBridge_2					#DIV/0!	**0.00**	**0.00**
68	2013OCT23_C_SwingBridge_3					#DIV/0!	**0.00**	**0.00**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1			1.5		#DIV/0!	**0.00**	**0.00**
72	2013OCT23_C_KingstonLn1_2					#DIV/0!	**0.00**	**0.00**
73	2013OCT23_C_KingstonLn1_3					#DIV/0!	**0.00**	**0.00**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	9.23	3725577.5	1813041.25	646085.375	1	**511.92**	**399.92**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1					#DIV/0!	**0.00**	**0.00**
80	2013OCT23_C_KingstonLn2_2					#DIV/0!	**0.00**	**0.00**
81	2013OCT23_C_KingstonLn2_3	9.23	3500.273	1795.194		0	**0.48**	**0.38**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1					#DIV/0!	**0.00**	**0.00**
85	2013OCT23_C_Cordova_2					#DIV/0!	**0.00**	**0.00**

86	2013OCT23_C_Cordova_3							#DIV/0!	**0.00**	**0.00**
87	2013OCT23_C_SolvA_31							#DIV/0!		
88	2013OCT23_C_SolvA_32							#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1							#DIV/0!	**0.00**	**0.00**
90	2013OCT23_C_Tuckahoe1_2							#DIV/0!	**0.00**	**0.00**
91	2013OCT23_C_Tuckahoe1_3							#DIV/0!	**0.00**	**0.00**
92	2013OCT23_C_SolvA_33							#DIV/0!		
93	2013OCT23_C_SolvA_34							#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1							#DIV/0!	**0.00**	**0.00**
95	2013OCT23_C_Tuckahoe2_2							#DIV/0!	**0.00**	**0.00**
96	2013OCT23_C_Tuckahoe2_3							#DIV/0!	**0.00**	**0.00**
97	2013OCT23_C_SolvA_35							#DIV/0!		
98	2013OCT23_C_SolvA_36							#DIV/0!		
99	2013OCT23_C_GermanBranch_1							#DIV/0!	**0.00**	**0.00**
100	2013OCT23_C_GermanBranch_2							#DIV/0!	**0.00**	**0.00**
101	2013OCT23_C_GermanBranch_3							#DIV/0!	**0.00**	**0.00**
102	2013OCT23_C_SolvA_37							#DIV/0!		
103	2013OCT23_C_SolvA_38							#DIV/0!		
104	2013OCT23_C_QC_Std25_3			9.23	3603621.5	1722329	619219.188	1	**495.16**	**386.83**
105	2013OCT23_C_SolvA_39							#DIV/0!		
106	2013OCT23_C_SolvA_40							#DIV/0!		
107	2013OCT23_C_Greensboro1_1							#DIV/0!	**0.00**	**0.00**
108	2013OCT23_C_Greensboro1_2							#DIV/0!	**0.00**	**0.00**
109	2013OCT23_C_Greensboro1_3							#DIV/0!	**0.00**	**0.00**
110	2013OCT23_C_SolvA_41							#DIV/0!		
111	2013OCT23_C_SolvA_42							#DIV/0!		
112	2013OCT23_C_Greensboro2_1							#DIV/0!	**0.00**	**0.00**
113	2013OCT23_C_Greensboro2_2							#DIV/0!	**0.00**	**0.00**
114	2013OCT23_C_Greensboro2_3							#DIV/0!	**0.00**	**0.00**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44							#DIV/0!		
117	2013OCT23_C_BeaverDam_1							#DIV/0!	**0.00**	**0.00**
118	2013OCT23_C_BeaverDam_2							#DIV/0!	**0.00**	**0.00**
119	2013OCT23_C_BeaverDam_3							#DIV/0!	**0.00**	**0.00**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1							#DIV/0!	**0.00**	**0.00**
123	2013OCT23_C_LongMarsh_2							#DIV/0!	**0.00**	**0.00**
124	2013OCT23_C_LongMarsh_3							#DIV/0!	**0.00**	**0.00**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	9.23	6228.075	2696.442	1926.821	1		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	9.23	17967.531	8563.133	3304.383	1		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	9.23	76648.258	35837.285	11283.325	1		

131	2013OCT23_C_1_Std_2	Standard	1	9.23	141823.047	64122.988	25044.852	1
132	2013OCT23_C_5_Std_2	Standard	5	9.23	876253.5	419781.656	142272.266	1
133	2013OCT23_C_10_Std_2	Standard	10	9.23	1563153.625	744692.438	267532.219	1
134	2013OCT23_C_25_Std_2	Standard	25	9.23	3441514.25	1739968.75	603879.813	1
135	2013OCT23_C_50_Std_2	Standard	50	9.23	6074762	2894048.5	1033047.25	1
136	2013OCT23_C_100_Std_2	Standard	100	9.23	9660980	5051087	1727103.25	1
137	2013OCT23_C_200_Stds_2	Standard	200	9.23	12519805	7650770.5	2671518	1
138	2013OCT23_C_SolvA_49			9.23	20655.924	7273.901		0
139	2013OCT23_C_Surrogate_2							#DIV/0!
140	2013OCT23_C_SolvA_50							#DIV/0!
141	2013OCT23_C_SolvA_51							#DIV/0!
142	2013OCT23_C_SolvA_52							#DIV/0!
143	2013OCT23_C_SolvA_53							#DIV/0!

Compound 11: Alachlor-d13

yes=1,no=0

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**		
								#DIV/0!		
1	2013OCT23_SolvA_1							#DIV/0!	**Samples**	
2	2013OCT23_C_Lab Blk			9.21	46523.758			#DIV/0!	**33533**	**Overall Avg**
3	2013OCT23_C_Travel Blk			9.21	46907.531			#DIV/0!	**23%**	**RSD**
4	2013OCT23_C_0-01_Std	Standard	0.01					#DIV/0!	**67%**	**Rec**
5	2013OCT23_C_0-05_Std	Standard	0.05					#DIV/0!	**Surrogate Std**	
6	2013OCT23_C_0-1_Std	Standard	0.1					#DIV/0!	**49319.137**	**Avg**
7	2013OCT23_C_0-5_Std	Standard	0.5					#DIV/0!	**7%**	**RSD**
8	2013OCT23_C_1_Std	Standard	1					#DIV/0!		
9	2013OCT23_C_5_Std	Standard	5					#DIV/0!		
10	2013OCT23_C_10_Std	Standard	10					#DIV/0!		
11	2013OCT23_C_25_Std	Standard	25					#DIV/0!		
12	2013OCT23_C_50_Std	Standard	50					#DIV/0!		
13	2013OCT23_C_100_Std	Standard	100					#DIV/0!		
14	2013OCT23_C_200_Stds	Standard	200					#DIV/0!		
15	2013OCT23_C_SolvA_2							#DIV/0!		
16	2013OCT23_C_Surrogate_1			9.22	51626.641			#DIV/0!		
17	2013OCT23_C_SolvA_3							#DIV/0!		
18	2013OCT23_C_SolvA_4							#DIV/0!		
19	2013OCT23_C_MM_0			9.21	33240.938			#DIV/0!		
20	2013OCT23_C_MM_1			9.21	32941.535	195.939		#DIV/0!		
21	2013OCT23_C_MM_5			9.22	34406.051	264.097		#DIV/0!		
22	2013OCT23_C_MM_10			9.22	40488.258	175.837	11.506	#DIV/0!		
23	2013OCT23_C_MM_25			9.21	32981.848	55.02	861.545	#DIV/0!		
24	2013OCT23_C_MM_50			9.21	24582.148	449.291		#DIV/0!		
25	2013OCT23_C_MM_100			9.21	24404.48	257.595		#DIV/0!		
26	2013OCT23_C_SolvA_5							#DIV/0!		
27	2013OCT23_C_SolvA_6							#DIV/0!		
28	2013OCT23_C_NOAA_1			9.22	35551.625			#DIV/0!	72%	Rec
29	2013OCT23_C_NOAA_2			9.21	35056.551	179.492		#DIV/0!	71%	
30	2013OCT23_C_NOAA_3			9.22	33568.039		451.246	#DIV/0!	68%	

31	2013OCT23_C_SolvA_7				473.153	#DIV/0!		
32	2013OCT23_C_SolvA_8					#DIV/0!		
33	2013OCT23_C_HornPt_1	9.22	32701.857	3.574	505.76	#DIV/0!	66%	Rec
34	2013OCT23_C_HornPt_2	9.21	30709.756		412.109	#DIV/0!	62%	
35	2013OCT23_C_HornPt_3	9.21	29250.896	164.733	37.137	#DIV/0!	59%	
36	2013OCT23_C_SolvA_9					#DIV/0!		
37	2013OCT23_C_SolvA_10					#DIV/0!		
38	2013OCT23_C_50Bridge1_1	9.21	33374.469	581.889	437.985	#DIV/0!	68%	Rec
39	2013OCT23_C_50Bridge1_2	9.21	38174.383			#DIV/0!	77%	
40	2013OCT23_C_50Bridge1_3	9.21	33726.91	92.394	71.509	#DIV/0!	68%	
41	2013OCT23_C_SolvA_11			104.489	748.352	#DIV/0!		
42	2013OCT23_C_SolvA_12					#DIV/0!		
43	2013OCT23_C_50Bridge2_1	9.21	32870.809			#DIV/0!	67%	Rec
44	2013OCT23_C_50Bridge2_2	9.21	28075.463			#DIV/0!	57%	
45	2013OCT23_C_50Bridge2_3	9.21	33652.504			#DIV/0!	68%	
46	2013OCT23_C_SolvA_13					#DIV/0!		
47	2013OCT23_C_SolvA_14					#DIV/0!		
48	2013OCT23_C_QC_Std25_1					#DIV/0!		
49	2013OCT23_C_SolvA_15			263.412	382.096	#DIV/0!		
50	2013OCT23_C_SolvA_16					#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	9.22	25466.35		1394.337	#DIV/0!	52%	Rec
52	2013OCT23_C_50BridgeFurtherPt_2	9.22	26063.291	86.941	802.723	#DIV/0!	53%	
53	2013OCT23_C_50BridgeFurtherPt_3	9.21	23333.316			#DIV/0!	47%	
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18			112.874	147.009	#DIV/0!		
56	2013OCT23_C_PrestonLn_1	9.22	32311.908	384.663		#DIV/0!	66%	Rec
57	2013OCT23_C_PrestonLn_2	9.22	34514.676	746.027		#DIV/0!	70%	
58	2013OCT23_C_PrestonLn_3	9.22	31852.17	621.477	411.271	#DIV/0!	65%	
59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20			66.46		#DIV/0!		
61	2013OCT23_C_FrazierPt_1	9.22	14276.366			#DIV/0!	29%	Rec
62	2013OCT23_C_FrazierPt_2	9.22	17163.486		1343.24	#DIV/0!	35%	
63	2013OCT23_C_FrazierPt_3	9.22	16434.934			#DIV/0!	33%	
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1	9.22	31897.246		494.623	#DIV/0!	65%	Rec
67	2013OCT23_C_SwingBridge_2	9.22	33600.762			#DIV/0!	68%	
68	2013OCT23_C_SwingBridge_3	9.22	37981.996			#DIV/0!	77%	
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	9.22	30837.924			#DIV/0!	63%	Rec
72	2013OCT23_C_KingstonLn1_2	9.22	33936.68			#DIV/0!	69%	
73	2013OCT23_C_KingstonLn1_3	9.22	36609.414			#DIV/0!	74%	
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		

76	2013OCT23_C_QC_Std25_2					#DIV/0!		
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	9.22	40163.629		298.689	#DIV/0!	81%	Rec
80	2013OCT23_C_KingstonLn2_2	9.22	36696.164			#DIV/0!	74%	
81	2013OCT23_C_KingstonLn2_3	9.22	33993.355			#DIV/0!	69%	
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30			98.295	380.465	#DIV/0!		
84	2013OCT23_C_Cordova_1	9.22	34870.586			#DIV/0!	71%	Rec
85	2013OCT23_C_Cordova_2	9.22	33399.035	121.987	377.713	#DIV/0!	68%	
86	2013OCT23_C_Cordova_3	9.22	34012.316	594.067		#DIV/0!	69%	
87	2013OCT23_C_SolvA_31			68.606		#DIV/0!		
88	2013OCT23_C_SolvA_32					#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	9.22	42013.078	46.096	240.665	#DIV/0!	85%	Rec
90	2013OCT23_C_Tuckahoe1_2	9.21	39119.98		837.176	#DIV/0!	79%	
91	2013OCT23_C_Tuckahoe1_3	9.22	42481.867	568.892		#DIV/0!	86%	
92	2013OCT23_C_SolvA_33			228.561		#DIV/0!		
93	2013OCT23_C_SolvA_34					#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	9.22	42698.828			#DIV/0!	87%	Rec
95	2013OCT23_C_Tuckahoe2_2	9.22	40178.387		604.732	#DIV/0!	81%	
96	2013OCT23_C_Tuckahoe2_3	9.22	42184.184		4.601	#DIV/0!	86%	
97	2013OCT23_C_SolvA_35					#DIV/0!		
98	2013OCT23_C_SolvA_36					#DIV/0!		
99	2013OCT23_C_GermanBranch_1	9.21	30158.084			#DIV/0!	61%	Rec
100	2013OCT23_C_GermanBranch_2	9.22	36967.219			#DIV/0!	75%	
101	2013OCT23_C_GermanBranch_3	9.21	28865.617	75.195		#DIV/0!	59%	
102	2013OCT23_C_SolvA_37				523.411	#DIV/0!		
103	2013OCT23_C_SolvA_38					#DIV/0!		
104	2013OCT23_C_QC_Std25_3					#DIV/0!		
105	2013OCT23_C_SolvA_39				91.224	#DIV/0!		
106	2013OCT23_C_SolvA_40					#DIV/0!		
107	2013OCT23_C_Greensboro1_1	9.22	39111.137			#DIV/0!	79%	Rec
108	2013OCT23_C_Greensboro1_2	9.22	37272.508			#DIV/0!	76%	
109	2013OCT23_C_Greensboro1_3	9.21	39591.676			#DIV/0!	80%	
110	2013OCT23_C_SolvA_41					#DIV/0!		
111	2013OCT23_C_SolvA_42					#DIV/0!		
112	2013OCT23_C_Greensboro2_1	9.22	35205.074	218.589		#DIV/0!	71%	Rec
113	2013OCT23_C_Greensboro2_2	9.21	30195.537			#DIV/0!	61%	
114	2013OCT23_C_Greensboro2_3	9.21	38341.742			#DIV/0!	78%	
115	2013OCT23_C_SolvA_43					#DIV/0!		
116	2013OCT23_C_SolvA_44				4.987	#DIV/0!		
117	2013OCT23_C_BeaverDam_1	9.21	42732.656	2.915	258.123	#DIV/0!	87%	Rec
118	2013OCT23_C_BeaverDam_2	9.22	44411.629	589.327		#DIV/0!	90%	
119	2013OCT23_C_BeaverDam_3	9.21	43385.637	373.632		#DIV/0!	88%	
120	2013OCT23_C_SolvA_45				470.343	#DIV/0!		

121	2013OCT23_C_SolvA_46							#DIV/0!			
122	2013OCT23_C_LongMarsh_1			9.21	18038.301	272.994		#DIV/0!	37%	Rec	
123	2013OCT23_C_LongMarsh_2			9.22	16383.607		815.323	#DIV/0!	33%		
124	2013OCT23_C_LongMarsh_3			9.22	18934.471		34.63	#DIV/0!	38%		
125	2013OCT23_C_SolvA_47						265.03	#DIV/0!			
126	2013OCT23_C_SolvA_48							#DIV/0!			
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!			
128	2013OCT23_C_0-05_Std_2	Standard	0.05					#DIV/0!			
129	2013OCT23_C_0-1_Std_2	Standard	0.1					#DIV/0!			
130	2013OCT23_C_0-5_Std_2	Standard	0.5					#DIV/0!			
131	2013OCT23_C_1_Std_2	Standard	1			16.449		#DIV/0!			
132	2013OCT23_C_5_Std_2	Standard	5			42.708		#DIV/0!			
133	2013OCT23_C_10_Std_2	Standard	10					#DIV/0!			
134	2013OCT23_C_25_Std_2	Standard	25					#DIV/0!			
135	2013OCT23_C_50_Std_2	Standard	50					#DIV/0!			
136	2013OCT23_C_100_Std_2	Standard	100					#DIV/0!			
137	2013OCT23_C_200_Stds_2	Standard	200			175.551	359.676	#DIV/0!			
138	2013OCT23_C_SolvA_49							#DIV/0!			
139	2013OCT23_C_Surrogate_2			9.21	47011.633		961.122	#DIV/0!			
140	2013OCT23_C_SolvA_50							#DIV/0!			
141	2013OCT23_C_SolvA_51					0.021		#DIV/0!			
142	2013OCT23_C_SolvA_52							#DIV/0!			
143	2013OCT23_C_SolvA_53					147.319	167.603	#DIV/0!			

Compound 12: Metolachlor

									yes=1,no=0	Conc. (ng/g)
								Ident'd?	**Calc'd**	**%diff**
	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk			9.21	262823.625	79319.859		0		
3	2013OCT23_C_Travel Blk			9.21	285766.563	89929.063		0		
4	2013OCT23_C_0-01_Std	Standard	0.01					0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05					0	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1			1449.099		0	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5			3773.882		0	0.0	-100%
8	2013OCT23_C_1_Std	Standard	1	9.28	22842.809	8582.024	1466.507	1	1.0	-3%
9	2013OCT23_C_5_Std	Standard	5	9.28	148054.906	44900.379	3963.209	1	6.3	26%
10	2013OCT23_C_10_Std	Standard	10	9.29	277974.094	86311.469	6664.709	1	11.8	18%
11	2013OCT23_C_25_Std	Standard	25	9.29	637932.875	196899.234	13422.568	1	27.0	8%
12	2013OCT23_C_50_Std	Standard	50	9.29	1153829.625	360735.406	26718.148	1	48.9	-2%
13	2013OCT23_C_100_Std	Standard	100	9.28	2380439.25	779246.75	55032.215	1	100.9	1%
14	2013OCT23_C_200_Stds	Standard	200	9.28	4829822	1484592.875	134681.781	1	204.8	2%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1			9.21	323852.844	98683.383		0	0.00	-100%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.0	-100%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.0	-100%
19	2013OCT23_C_MM_0			9.28	1592302.75	525857.75	43134.977	1	1.0	-4%
20	2013OCT23_C_MM_1			9.28	1545130.5	513316.563	33749.785	1	5.8	16%

21	2013OCT23_C_MM_5	9.28	1579155.125	531773	34134.785	1	11.2	12%
22	2013OCT23_C_MM_10	9.29	2748161.75	631447.625	40889.832	1	26.0	4%
23	2013OCT23_C_MM_25	9.28	2187132	719216.813	47716.98	1	48.2	-4%
24	2013OCT23_C_MM_50	9.28	2623755.75	845849.438	59846.98	1	92.9	-7%
25	2013OCT23_C_MM_100	9.28	4171444	1198232.875	82823.336	1	198.4	-1%
26	2013OCT23_C_SolvA_5					#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6					#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1	9.21	273320.125	82715.273		0	**115.88**	**107.61**
29	2013OCT23_C_NOAA_2	9.21	257659.328	81958.523		0	**109.24**	**101.44**
30	2013OCT23_C_NOAA_3	9.21	255883.922	81182.422		0	**108.49**	**100.74**
31	2013OCT23_C_SolvA_7					#DIV/0!		
32	2013OCT23_C_SolvA_8					#DIV/0!		
33	2013OCT23_C_HornPt_1	9.27	449311.906	145150.078	5210.523	1	**190.50**	**176.89**
34	2013OCT23_C_HornPt_2	9.27	460712.875	152745.297	6485.028	1	**195.33**	**181.38**
35	2013OCT23_C_HornPt_3	9.27	448341.781	148730.172	5863.865	1	**190.09**	**176.51**
36	2013OCT23_C_SolvA_9					#DIV/0!		
37	2013OCT23_C_SolvA_10					#DIV/0!		
38	2013OCT23_C_50Bridge1_1	9.28	1049095.875	362239.969	18679.365	1	**444.80**	**413.03**
39	2013OCT23_C_50Bridge1_2	9.28	1104109.25	364122.875	24718.523	1	**468.12**	**434.69**
40	2013OCT23_C_50Bridge1_3	9.28	1054595.75	359175.781	21061.027	1	**447.13**	**415.19**
41	2013OCT23_C_SolvA_11					#DIV/0!		
42	2013OCT23_C_SolvA_12					#DIV/0!		
43	2013OCT23_C_50Bridge2_1	9.28	960780.875	326942.969	16855.605	1	**407.35**	**378.26**
44	2013OCT23_C_50Bridge2_2	9.28	959018.125	307860.438	18397.086	1	**406.61**	**377.56**
45	2013OCT23_C_50Bridge2_3	9.28	961855.313	318577.594	17258.715	1	**407.81**	**378.68**
46	2013OCT23_C_SolvA_13					#DIV/0!		
47	2013OCT23_C_SolvA_14					#DIV/0!		
48	2013OCT23_C_QC_Std25_1	9.28	665284.875	216882.594	14181.26	1	**282.07**	**261.92**
49	2013OCT23_C_SolvA_15					#DIV/0!		
50	2013OCT23_C_SolvA_16					#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	9.29	846834.688	278148.5	15994.796	1	**359.04**	**333.40**
52	2013OCT23_C_50BridgeFurtherPt_2	9.28	840229.5	261405.25	18963.432	1	**356.24**	**330.80**
53	2013OCT23_C_50BridgeFurtherPt_3	9.28	807577.25	249008.563	16445.752	1	**342.40**	**317.94**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1	9.29	2756244.5	898038	62637.539	1	**1168.60**	**1085.13**
57	2013OCT23_C_PrestonLn_2	9.29	2756906.75	929896.438	63595.066	1	**1168.88**	**1085.39**
58	2013OCT23_C_PrestonLn_3	9.29	2740635.25	920634.313	58145.309	1	**1161.98**	**1078.99**
59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1	9.28	1733410.625	563489.563	41311.691	1	**734.93**	**682.44**
62	2013OCT23_C_FrazierPt_2	9.29	1714604	584146.625	40204.594	1	**726.96**	**675.04**
63	2013OCT23_C_FrazierPt_3	9.29	1786293.5	592465.938	37873.758	1	**757.35**	**703.26**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		

66	2013OCT23_C_SwingBridge_1	9.29	3028477.5	1048720.375	70036.766	1	**1284.02**	**1192.31**
67	2013OCT23_C_SwingBridge_2	9.28	3091289.75	1050904.875	72422.773	1	**1310.65**	**1217.04**
68	2013OCT23_C_SwingBridge_3	9.29	2935768.5	987253.188	65313.949	1	**1244.71**	**1155.81**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	9.28	3223399.75	1097021.875	79893.484	1	**1366.66**	**1269.05**
72	2013OCT23_C_KingstonLn1_2	9.29	3314181.75	1114798.875	71924.977	1	**1405.15**	**1304.79**
73	2013OCT23_C_KingstonLn1_3	9.29	3186258.75	1113673.625	71971.188	1	**1350.91**	**1254.43**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	9.28	644637.625	224116.484	15472.832	1	**273.31**	**253.79**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	9.29	3378535	1168829.25	76814.82	1	**1432.44**	**1330.13**
80	2013OCT23_C_KingstonLn2_2	9.28	4131836.5	1184703.375	64097.16	1	**1751.82**	**1626.70**
81	2013OCT23_C_KingstonLn2_3	9.29	3376228.5	1161877.5	76836.719	1	**1431.46**	**1329.22**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1	9.28	835380.5	267862.688	13945.438	1	**354.19**	**328.89**
85	2013OCT23_C_Cordova_2	9.28	770250.75	239366	11969.736	1	**326.57**	**303.25**
86	2013OCT23_C_Cordova_3	9.28	858706	273635.313	13700.256	1	**364.08**	**338.07**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32					#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	9.29	1410064.375	489842.813	29450.631	1	**597.84**	**555.14**
90	2013OCT23_C_Tuckahoe1_2	9.28	1390677.125	485606.094	24981.578	1	**589.62**	**547.51**
91	2013OCT23_C_Tuckahoe1_3	9.28	1205541.875	428777.25	22318.754	1	**511.13**	**474.62**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34					#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	9.28	1395503.25	456121.125	30428.674	1	**591.67**	**549.41**
95	2013OCT23_C_Tuckahoe2_2	9.28	1429876.75	463668.344	28771.633	1	**606.24**	**562.94**
96	2013OCT23_C_Tuckahoe2_3	9.29	1430418.75	483701.063	27131.166	1	**606.47**	**563.16**
97	2013OCT23_C_SolvA_35					#DIV/0!		
98	2013OCT23_C_SolvA_36					#DIV/0!		
99	2013OCT23_C_GermanBranch_1	9.28	512916.563	159011.781	6283.063	1	**217.47**	**201.93**
100	2013OCT23_C_GermanBranch_2	9.28	511644.75	168716.172	6839.768	1	**216.93**	**201.43**
101	2013OCT23_C_GermanBranch_3	9.27	520076.156	171007.203	5943.124	1	**220.50**	**204.75**
102	2013OCT23_C_SolvA_37					#DIV/0!		
103	2013OCT23_C_SolvA_38					#DIV/0!		
104	2013OCT23_C_QC_Std25_3	9.29	630511.813	198367.172	15159.373	1	**267.33**	**248.23**
105	2013OCT23_C_SolvA_39					#DIV/0!		
106	2013OCT23_C_SolvA_40					#DIV/0!		
107	2013OCT23_C_Greensboro1_1	9.28	1252312.125	402906.719	24575.313	1	**530.96**	**493.03**
108	2013OCT23_C_Greensboro1_2	9.28	1190945.875	389992.063	21771.41	1	**504.94**	**468.87**
109	2013OCT23_C_Greensboro1_3	9.28	1247934.625	401692.906	25855.914	1	**529.10**	**491.31**
110	2013OCT23_C_SolvA_41					#DIV/0!		

111	2013OCT23_C_SolvA_42							#DIV/0!		
112	2013OCT23_C_Greensboro2_1			9.29	1015930.875	326710.5	16870.477	1	**430.74**	**399.97**
113	2013OCT23_C_Greensboro2_2			9.28	1079600.25	351198.406	20413.484	1	**457.73**	**425.04**
114	2013OCT23_C_Greensboro2_3			9.28	1043069.188	337430.813	19519.863	1	**442.24**	**410.66**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44							#DIV/0!		
117	2013OCT23_C_BeaverDam_1			9.28	816347.313	268379.5	13203.968	1	**346.12**	**321.40**
118	2013OCT23_C_BeaverDam_2			9.28	737083.063	232670.313	11861.467	1	**312.51**	**290.19**
119	2013OCT23_C_BeaverDam_3			9.28	823670.938	261982.938	11599.881	1	**349.22**	**324.28**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1			9.28	1269397.75	418550.25	26953.338	1	**538.20**	**499.76**
123	2013OCT23_C_LongMarsh_2			9.28	1265775.875	412632.594	28498.463	1	**536.67**	**498.34**
124	2013OCT23_C_LongMarsh_3			9.28	1241971	404876.469	25696.047	1	**526.57**	**488.96**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05					#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1			1267.747		#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5			4262.744		#DIV/0!		
131	2013OCT23_C_1_Std_2	Standard	1	9.28	22542.957	9784.924	769.049	1		
132	2013OCT23_C_5_Std_2	Standard	5	9.28	137088.172	44936.563	3228.109	1		
133	2013OCT23_C_10_Std_2	Standard	10	9.29	264678.406	82277.898	6339.406	1		
134	2013OCT23_C_25_Std_2	Standard	25	9.29	613551.375	188352.875	15357.544	1		
135	2013OCT23_C_50_Std_2	Standard	50	9.29	1136894	371003.594	26901.303	1		
136	2013OCT23_C_100_Std_2	Standard	100	9.29	2191936.5	700892.438	49064.785	1		
137	2013OCT23_C_200_Stds_2	Standard	200	9.29	4680203.5	1356164.25	97428.711	1		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2			9.21	305999.531	94900		0		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 13: Metolachlor-d6

yes=1,no=0

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**		
								0		
1	2013OCT23_SolvA_1					5502.441		0		
2	2013OCT23_C_Lab Blk			9.28	7648576	4902671	1303483.75	0	**7348118**	**Avg**
3	2013OCT23_C_Travel Blk			9.28	8113610.5	5515478.5	1554420.875	0	**6%**	**RSD**
4	2013OCT23_C_0-01_Std	Standard	0.01	9.28	7334191	4684047.5	1208786	0		
5	2013OCT23_C_0-05_Std	Standard	0.05	9.28	7348118	4533270.5	978527.188	0		
6	2013OCT23_C_0-1_Std	Standard	0.1	9.28	8143414.5	5542901.5	1314162.25	0		
7	2013OCT23_C_0-5_Std	Standard	0.5	9.28	7813694.5	4885415	1078113.5	1		
8	2013OCT23_C_1_Std	Standard	1	9.28	7650946	4941744	1330600	1		
9	2013OCT23_C_5_Std	Standard	5	9.28	8099467.5	5412956	1537915.625	1		
10	2013OCT23_C_10_Std	Standard	10	9.28	8035962.5	5406278.5	1484895.125	1		

11	2013OCT23_C_25_Std	Standard	25	9.28	7756363.5	5051573.5	1143002.625	1
12	2013OCT23_C_50_Std	Standard	50	9.28	7726023.5	4926999	1066751.125	1
13	2013OCT23_C_100_Std	Standard	100	9.28	7566940	4790362.5	1247377.5	1
14	2013OCT23_C_200_Stds	Standard	200	9.28	7676703	4815249	1216543.875	1
15	2013OCT23_C_SolvA_2			9.26	21629.311	7077.156		0
16	2013OCT23_C_Surrogate_1							#DIV/0!
17	2013OCT23_C_SolvA_3							#DIV/0!
18	2013OCT23_C_SolvA_4							#DIV/0!
19	2013OCT23_C_MM_0			9.28	7533076	4773892.5	1215707	1
20	2013OCT23_C_MM_1			9.28	7510840.5	4607302	996695.5	1
21	2013OCT23_C_MM_5			9.28	7304934.5	4498115.5	963502.813	1
22	2013OCT23_C_MM_10			9.28	8106247.5	5111032.5	1125524.375	1
23	2013OCT23_C_MM_25			9.28	7679010.5	4913732	1285456	1
24	2013OCT23_C_MM_50			9.28	7355905	4788756	1247358.75	1
25	2013OCT23_C_MM_100			9.28	7660466	4755090.5	1022919.625	1
26	2013OCT23_C_SolvA_5					7538.982		#DIV/0!
27	2013OCT23_C_SolvA_6							#DIV/0!
28	2013OCT23_C_NOAA_1			9.28	7440279.5	4659006	1008307.563	1
29	2013OCT23_C_NOAA_2			9.28	7500466	4839290	1252310.25	1
30	2013OCT23_C_NOAA_3			9.28	7381492	4759561	1253651.25	1
31	2013OCT23_C_SolvA_7			9.27	26326.205	7161.898	4374.86	0
32	2013OCT23_C_SolvA_8			9.27	10477.839	2008.261	4406.575	0
33	2013OCT23_C_HornPt_1			9.28	7289884.5	4511325	972375.688	1
34	2013OCT23_C_HornPt_2			9.28	7348949	4660004	1182019.75	1
35	2013OCT23_C_HornPt_3			9.27	7267715.5	4725126	1214168.375	1
36	2013OCT23_C_SolvA_9			9.27	19675.35	6397.252	4844.489	0
37	2013OCT23_C_SolvA_10			9.27	6527.269	2092.409	3730.85	0
38	2013OCT23_C_50Bridge1_1			9.28	7524683.5	4836214.5	1279196.625	1
39	2013OCT23_C_50Bridge1_2			9.28	7639530	4892984.5	1294793.5	1
40	2013OCT23_C_50Bridge1_3			9.28	7581060.5	4909116.5	1295146.875	1
41	2013OCT23_C_SolvA_11			9.27	21629.33	6170.686	2088.378	1
42	2013OCT23_C_SolvA_12							#DIV/0!
43	2013OCT23_C_50Bridge2_1			9.28	7015941	4468150.5	1151652.125	1
44	2013OCT23_C_50Bridge2_2			9.27	6997310	4539190	1148017.375	1
45	2013OCT23_C_50Bridge2_3			9.28	7145316	4467675	1134042	1
46	2013OCT23_C_SolvA_13							#DIV/0!
47	2013OCT23_C_SolvA_14							#DIV/0!
48	2013OCT23_C_QC_Std25_1			9.28	7799067	5189960.5	1427674.5	1
49	2013OCT23_C_SolvA_15					4989.765		#DIV/0!
50	2013OCT23_C_SolvA_16					1400.844		#DIV/0!
51	2013OCT23_C_50BridgeFurtherPt_1			9.28	6907735	3241898.25	777714.688	1
52	2013OCT23_C_50BridgeFurtherPt_2			9.28	6798800	3200995.25	773037	1
53	2013OCT23_C_50BridgeFurtherPt_3			9.28	6767022	3269843	796240.375	1
54	2013OCT23_C_SolvA_17							#DIV/0!
55	2013OCT23_C_SolvA_18							#DIV/0!
56	2013OCT23_C_PrestonLn_1			9.28	7123201.5	4398359.5	936987.375	1

57	2013OCT23_C_PrestonLn_2	9.28	7166865.5	4317795	912928.313	1
58	2013OCT23_C_PrestonLn_3	9.28	7071901	4286814	889638.188	1
59	2013OCT23_C_SolvA_19					#DIV/0!
60	2013OCT23_C_SolvA_20					#DIV/0!
61	2013OCT23_C_FrazierPt_1	9.27	6018449.5	2470132.75	585936.125	1
62	2013OCT23_C_FrazierPt_2	9.27	5992177	2295011.75	555341.5	1
63	2013OCT23_C_FrazierPt_3	9.28	5904485.5	2304587.75	555032.938	1
64	2013OCT23_C_SolvA_21			4547.383		#DIV/0!
65	2013OCT23_C_SolvA_22					#DIV/0!
66	2013OCT23_C_SwingBridge_1	9.28	7466777	4592202	989153.875	1
67	2013OCT23_C_SwingBridge_2	9.28	7487562	4624757.5	1202671.375	1
68	2013OCT23_C_SwingBridge_3	9.28	7372688.5	4509710	972377.563	1
69	2013OCT23_C_SolvA_23					#DIV/0!
70	2013OCT23_C_SolvA_24					#DIV/0!
71	2013OCT23_C_KingstonLn1_1	9.28	7284930.5	4572664.5	1156906.875	1
72	2013OCT23_C_KingstonLn1_2	9.28	7148123.5	4223561	861790.438	1
73	2013OCT23_C_KingstonLn1_3	9.28	7159707	3558353.25	849847.625	1
74	2013OCT23_C_SolvA_25			7217.988		#DIV/0!
75	2013OCT23_C_SolvA_26					#DIV/0!
76	2013OCT23_C_QC_Std25_2	9.28	7943362	5379306.5	1481009.75	1
77	2013OCT23_C_SolvA_27					#DIV/0!
78	2013OCT23_C_SolvA_28					#DIV/0!
79	2013OCT23_C_KingstonLn2_1	9.28	7148704.5	4435527	932795.063	1
80	2013OCT23_C_KingstonLn2_2	9.28	7410778.5	4396118.5	945910.938	1
81	2013OCT23_C_KingstonLn2_3	9.28	7167935.5	4367175.5	923829.063	1
82	2013OCT23_C_SolvA_29					#DIV/0!
83	2013OCT23_C_SolvA_30			8.485		#DIV/0!
84	2013OCT23_C_Cordova_1	9.28	7288789	4331911	918896.125	1
85	2013OCT23_C_Cordova_2	9.28	7269939	4289416.5	868312.938	1
86	2013OCT23_C_Cordova_3	9.28	7172109	4295808.5	873234.875	1
87	2013OCT23_C_SolvA_31					#DIV/0!
88	2013OCT23_C_SolvA_32					#DIV/0!
89	2013OCT23_C_Tuckahoe1_1	9.28	7632332.5	4755402	1034129.063	1
90	2013OCT23_C_Tuckahoe1_2	9.28	7563471	4796234.5	1064496.5	1
91	2013OCT23_C_Tuckahoe1_3	9.28	7666283	4743562	1010859.75	1
92	2013OCT23_C_SolvA_33				466.075	#DIV/0!
93	2013OCT23_C_SolvA_34					#DIV/0!
94	2013OCT23_C_Tuckahoe2_1	9.28	7438296.5	4753862	1021783.188	1
95	2013OCT23_C_Tuckahoe2_2	9.28	7565270.5	4855088	1070822.5	1
96	2013OCT23_C_Tuckahoe2_3	9.28	7616794	4665026	997071.375	1
97	2013OCT23_C_SolvA_35					#DIV/0!
98	2013OCT23_C_SolvA_36					#DIV/0!
99	2013OCT23_C_GermanBranch_1	9.28	6809881.5	4216296	862939	1
100	2013OCT23_C_GermanBranch_2	9.28	7003872	4256276	867153.938	1
101	2013OCT23_C_GermanBranch_3	9.28	7032284	4523676.5	1118057.625	1

102	2013OCT23_C_SolvA_37					8.159		#DIV/0!
103	2013OCT23_C_SolvA_38							#DIV/0!
104	2013OCT23_C_QC_Std25_3			9.28	7725227	4903408.5	1079066.75	1
105	2013OCT23_C_SolvA_39							#DIV/0!
106	2013OCT23_C_SolvA_40					0.975		#DIV/0!
107	2013OCT23_C_Greensboro1_1			9.28	7449237	4857468.5	1079986.625	1
108	2013OCT23_C_Greensboro1_2			9.28	7580331.5	4752996.5	1028561.313	1
109	2013OCT23_C_Greensboro1_3			9.28	7435847	4905422.5	1090691.625	1
110	2013OCT23_C_SolvA_41					57.59	1339.823	#DIV/0!
111	2013OCT23_C_SolvA_42							#DIV/0!
112	2013OCT23_C_Greensboro2_1			9.28	7350119	4227936.5	846560.75	1
113	2013OCT23_C_Greensboro2_2			9.28	7117618.5	4419924.5	941708.938	1
114	2013OCT23_C_Greensboro2_3			9.28	6954306	4353068	915471.375	1
115	2013OCT23_C_SolvA_43							#DIV/0!
116	2013OCT23_C_SolvA_44							#DIV/0!
117	2013OCT23_C_BeaverDam_1			9.28	7267272.5	4432577.5	952710.313	1
118	2013OCT23_C_BeaverDam_2			9.28	7357692.5	4336508.5	914195.125	1
119	2013OCT23_C_BeaverDam_3			9.28	7156340.5	4464639.5	945386.938	1
120	2013OCT23_C_SolvA_45							#DIV/0!
121	2013OCT23_C_SolvA_46					5.884		#DIV/0!
122	2013OCT23_C_LongMarsh_1			9.27	6242030	2808936.25	672348.438	1
123	2013OCT23_C_LongMarsh_2			9.27	6196174	3399033.25	665481.063	1
124	2013OCT23_C_LongMarsh_3			9.27	6141146	3379055	655489.313	1
125	2013OCT23_C_SolvA_47						1081.78	#DIV/0!
126	2013OCT23_C_SolvA_48							#DIV/0!
127	2013OCT23_C_0-01_Std_2	Standard	0.01	9.28	7099696	4654841	1199678.625	1
128	2013OCT23_C_0-05_Std_2	Standard	0.05	9.28	7170102.5	4485661.5	972090.063	1
129	2013OCT23_C_0-1_Std_2	Standard	0.1	9.28	8028010	5447178	1255183.875	1
130	2013OCT23_C_0-5_Std_2	Standard	0.5	9.28	7688218	5035462.5	1114843.5	1
131	2013OCT23_C_1_Std_2	Standard	1	9.28	7512617	4865585.5	1313113.75	1
132	2013OCT23_C_5_Std_2	Standard	5	9.28	7919687	5386686	1286567.625	1
133	2013OCT23_C_10_Std_2	Standard	10	9.28	7795934.5	5202372	1178207.5	1
134	2013OCT23_C_25_Std_2	Standard	25	9.28	7587223.5	4987892	1133587.625	1
135	2013OCT23_C_50_Std_2	Standard	50	9.28	7752195.5	4948091	1051204.375	1
136	2013OCT23_C_100_Std_2	Standard	100	9.28	7515170.5	4549465.5	967171.75	1
137	2013OCT23_C_200_Stds_2	Standard	200	9.28	7609506.5	4377688	912435.5	1
138	2013OCT23_C_SolvA_49					518.595		#DIV/0!
139	2013OCT23_C_Surrogate_2					69.324		#DIV/0!
140	2013OCT23_C_SolvA_50							#DIV/0!
141	2013OCT23_C_SolvA_51					577.969		#DIV/0!
142	2013OCT23_C_SolvA_52							#DIV/0!
143	2013OCT23_C_SolvA_53							#DIV/0!

Compound 15: Acesulfame

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**	**yes=1,no=0 Calc'd**	**Conc. (ng/g) %diff**
								#DIV/0!		
1	2013OCT23_SolvA_1							#DIV/0!		

2	2013OCT23_C_Lab Blk						#DIV/0!		
3	2013OCT23_C_Travel Blk						#DIV/0!		
4	2013OCT23_C_0-01_Std	Standard	0.01				#DIV/0!	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05			2.003	#DIV/0!	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1				#DIV/0!	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5	1.46	1832.278	211.854	#DIV/0!	0.5	3%
8	2013OCT23_C_1_Std	Standard	1	1.45	4675.893		#DIV/0!	1.3	32%
9	2013OCT23_C_5_Std	Standard	5	1.46	21966.928	2664.441	#DIV/0!	6.2	24%
10	2013OCT23_C_10_Std	Standard	10	1.46	46737.102	5308.45	#DIV/0!	13.2	32%
11	2013OCT23_C_25_Std	Standard	25	1.46	114307.484	14627.596	#DIV/0!	32.3	29%
12	2013OCT23_C_50_Std	Standard	50	1.46	199378.141	24443.262	#DIV/0!	56.3	13%
13	2013OCT23_C_100_Std	Standard	100	1.46	389068.5	47674.426	#DIV/0!	109.8	10%
14	2013OCT23_C_200_Stds	Standard	200	1.46	728292.563	93161.75	#DIV/0!	205.6	3%
15	2013OCT23_C_SolvA_2					0.339	#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1						#DIV/0!	0.03	-38%
17	2013OCT23_C_SolvA_3						#DIV/0!	0.1	-30%
18	2013OCT23_C_SolvA_4						#DIV/0!	0.4	-16%
19	2013OCT23_C_MM_0			1.46	1128.316	63.011	#DIV/0!	1.2	15%
20	2013OCT23_C_MM_1			1.45	3856.406	336.6	#DIV/0!	5.6	11%
21	2013OCT23_C_MM_5			1.46	20598.287	2881.145	#DIV/0!	11.3	13%
22	2013OCT23_C_MM_10			1.46	47036.035	5899.218	#DIV/0!	29.5	18%
23	2013OCT23_C_MM_25			1.46	97453.344	11941.418	#DIV/0!	52.5	5%
24	2013OCT23_C_MM_50			1.45	184641.813	22761.309	#DIV/0!	101.0	1%
25	2013OCT23_C_MM_100			1.45	383829.281	49875.25	#DIV/0!	185.1	-7%
26	2013OCT23_C_SolvA_5						#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6						#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			1.46	1741.143	95.445	#DIV/0!	**4.92**	**4.58**
29	2013OCT23_C_NOAA_2			1.47	1352.171	99.014	#DIV/0!	**3.82**	**3.55**
30	2013OCT23_C_NOAA_3			1.44	2002.628	84.338	#DIV/0!	**5.65**	**5.26**
31	2013OCT23_C_SolvA_7						#DIV/0!		
32	2013OCT23_C_SolvA_8						#DIV/0!		
33	2013OCT23_C_HornPt_1			1.46	1446.74	8.683	#DIV/0!	**4.08**	**3.80**
34	2013OCT23_C_HornPt_2						#DIV/0!	**0.00**	**0.00**
35	2013OCT23_C_HornPt_3			1.45	1359.639	31.808	#DIV/0!	**3.84**	**3.57**
36	2013OCT23_C_SolvA_9						#DIV/0!		
37	2013OCT23_C_SolvA_10						#DIV/0!		
38	2013OCT23_C_50Bridge1_1			1.43	1943.659	113.26	#DIV/0!	**5.49**	**5.11**
39	2013OCT23_C_50Bridge1_2			1.45	1912.92	120.507	#DIV/0!	**5.40**	**5.03**
40	2013OCT23_C_50Bridge1_3			1.47	1753.956	176.743	#DIV/0!	**4.95**	**4.61**
41	2013OCT23_C_SolvA_11					0.535	#DIV/0!		
42	2013OCT23_C_SolvA_12					0.668	#DIV/0!		
43	2013OCT23_C_50Bridge2_1			1.47	1026.734	38.341	#DIV/0!	**2.90**	**2.70**
44	2013OCT23_C_50Bridge2_2			1.45	1069.166	33.495	#DIV/0!	**3.02**	**2.81**
45	2013OCT23_C_50Bridge2_3			1.46	1419.913	28.414	#DIV/0!	**4.01**	**3.73**
46	2013OCT23_C_SolvA_13					0.033	#DIV/0!		
47	2013OCT23_C_SolvA_14						#DIV/0!		

48	2013OCT23_C_QC_Std25_1	1.45	104238.344	13102.042	#DIV/0!	**294.25**	**273.99**
49	2013OCT23_C_SolvA_15				#DIV/0!		
50	2013OCT23_C_SolvA_16				#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	1.45	1435.021	19.153	#DIV/0!	**4.05**	**3.77**
52	2013OCT23_C_50BridgeFurtherPt_2	1.46	1345.345	94.183	#DIV/0!	**3.80**	**3.54**
53	2013OCT23_C_50BridgeFurtherPt_3	1.44	994.507	101.342	#DIV/0!	**2.81**	**2.61**
54	2013OCT23_C_SolvA_17			0.388	#DIV/0!		
55	2013OCT23_C_SolvA_18			0.114	#DIV/0!		
56	2013OCT23_C_PrestonLn_1	1.44	676.375	21.544	#DIV/0!	**1.91**	**1.78**
57	2013OCT23_C_PrestonLn_2	1.46	228.572	10.674	#DIV/0!	**0.65**	**0.60**
58	2013OCT23_C_PrestonLn_3	1.45	494.36	31.116	#DIV/0!	**1.40**	**1.30**
59	2013OCT23_C_SolvA_19				#DIV/0!		
60	2013OCT23_C_SolvA_20				#DIV/0!		
61	2013OCT23_C_FrazierPt_1	1.44	259.806		#DIV/0!	**0.73**	**0.68**
62	2013OCT23_C_FrazierPt_2	1.45	373.768	1.329	#DIV/0!	**1.06**	**0.98**
63	2013OCT23_C_FrazierPt_3	1.44	404.496		#DIV/0!	**1.14**	**1.06**
64	2013OCT23_C_SolvA_21			0.358	#DIV/0!		
65	2013OCT23_C_SolvA_22				#DIV/0!		
66	2013OCT23_C_SwingBridge_1			2.324	#DIV/0!	**0.00**	**0.00**
67	2013OCT23_C_SwingBridge_2				#DIV/0!	**0.00**	**0.00**
68	2013OCT23_C_SwingBridge_3	1.47	196.619		#DIV/0!	**0.56**	**0.52**
69	2013OCT23_C_SolvA_23				#DIV/0!		
70	2013OCT23_C_SolvA_24				#DIV/0!		
71	2013OCT23_C_KingstonLn1_1				#DIV/0!	**0.00**	**0.00**
72	2013OCT23_C_KingstonLn1_2			16.093	#DIV/0!	**0.00**	**0.00**
73	2013OCT23_C_KingstonLn1_3			0.433	#DIV/0!	**0.00**	**0.00**
74	2013OCT23_C_SolvA_25			0.803	#DIV/0!		
75	2013OCT23_C_SolvA_26				#DIV/0!		
76	2013OCT23_C_QC_Std25_2	1.46	99263.734	12676.81	#DIV/0!	**280.21**	**260.91**
77	2013OCT23_C_SolvA_27				#DIV/0!		
78	2013OCT23_C_SolvA_28				#DIV/0!		
79	2013OCT23_C_KingstonLn2_1				#DIV/0!	**0.00**	**0.00**
80	2013OCT23_C_KingstonLn2_2	1.42	124.434	5.396	#DIV/0!	**0.35**	**0.33**
81	2013OCT23_C_KingstonLn2_3	1.44	114.65	0.152	#DIV/0!	**0.32**	**0.30**
82	2013OCT23_C_SolvA_29				#DIV/0!		
83	2013OCT23_C_SolvA_30				#DIV/0!		
84	2013OCT23_C_Cordova_1	1.46	485.275	30.401	#DIV/0!	**1.37**	**1.28**
85	2013OCT23_C_Cordova_2	1.46	718.935	76.452	#DIV/0!	**2.03**	**1.89**
86	2013OCT23_C_Cordova_3	1.46	719.058	64.387	#DIV/0!	**2.03**	**1.89**
87	2013OCT23_C_SolvA_31			0.373	#DIV/0!		
88	2013OCT23_C_SolvA_32				#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1			0.604	#DIV/0!	**0.00**	**0.00**
90	2013OCT23_C_Tuckahoe1_2			1.356	#DIV/0!	**0.00**	**0.00**
91	2013OCT23_C_Tuckahoe1_3	1.45	110.523	4.224	#DIV/0!	**0.31**	**0.29**
92	2013OCT23_C_SolvA_33			0.331	#DIV/0!		

93	2013OCT23_C_SolvA_34					4.916	#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1			1.46	24.392	0.43	#DIV/0!	**0.07**	**0.06**
95	2013OCT23_C_Tuckahoe2_2					0.813	#DIV/0!	**0.00**	**0.00**
96	2013OCT23_C_Tuckahoe2_3					0.106	#DIV/0!	**0.00**	**0.00**
97	2013OCT23_C_SolvA_35					0.46	#DIV/0!		
98	2013OCT23_C_SolvA_36						#DIV/0!		
99	2013OCT23_C_GermanBranch_1			1.46	160.032	6.27	#DIV/0!	**0.45**	**0.42**
100	2013OCT23_C_GermanBranch_2			1.47	98.748	0.43	#DIV/0!	**0.28**	**0.26**
101	2013OCT23_C_GermanBranch_3			1.43	143.095	0.918	#DIV/0!	**0.40**	**0.38**
102	2013OCT23_C_SolvA_37					0.148	#DIV/0!		
103	2013OCT23_C_SolvA_38						#DIV/0!		
104	2013OCT23_C_QC_Std25_3			1.46	105270.547	14062.16	#DIV/0!	**297.17**	**276.70**
105	2013OCT23_C_SolvA_39					0.422	#DIV/0!		
106	2013OCT23_C_SolvA_40						#DIV/0!		
107	2013OCT23_C_Greensboro1_1			1.4	985.601	51.244	#DIV/0!	**2.78**	**2.59**
108	2013OCT23_C_Greensboro1_2			1.44	1030.785	0.408	#DIV/0!	**2.91**	**2.71**
109	2013OCT23_C_Greensboro1_3			1.45	1185.215	28.561	#DIV/0!	**3.35**	**3.12**
110	2013OCT23_C_SolvA_41						#DIV/0!		
111	2013OCT23_C_SolvA_42						#DIV/0!		
112	2013OCT23_C_Greensboro2_1			1.46	728.904	25.616	#DIV/0!	**2.06**	**1.92**
113	2013OCT23_C_Greensboro2_2			1.44	812.366	17.304	#DIV/0!	**2.29**	**2.14**
114	2013OCT23_C_Greensboro2_3			1.47	968.63	35.892	#DIV/0!	**2.73**	**2.55**
115	2013OCT23_C_SolvA_43					0.026	#DIV/0!		
116	2013OCT23_C_SolvA_44						#DIV/0!		
117	2013OCT23_C_BeaverDam_1						#DIV/0!	**0.00**	**0.00**
118	2013OCT23_C_BeaverDam_2						#DIV/0!	**0.00**	**0.00**
119	2013OCT23_C_BeaverDam_3						#DIV/0!	**0.00**	**0.00**
120	2013OCT23_C_SolvA_45						#DIV/0!		
121	2013OCT23_C_SolvA_46						#DIV/0!		
122	2013OCT23_C_LongMarsh_1						#DIV/0!	**0.00**	**0.00**
123	2013OCT23_C_LongMarsh_2						#DIV/0!	**0.00**	**0.00**
124	2013OCT23_C_LongMarsh_3			1.32	0.426		#DIV/0!	**0.00**	**0.00**
125	2013OCT23_C_SolvA_47					0.813	#DIV/0!		
126	2013OCT23_C_SolvA_48						#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01			0.444	#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	1.46	109.368	1.433	#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	1.43	249.505	11.621	#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	1.46	1488.906	135.913	#DIV/0!		
131	2013OCT23_C_1_Std_2	Standard	1	1.45	4086.188	267.743	#DIV/0!		
132	2013OCT23_C_5_Std_2	Standard	5	1.45	19671.641	2294.319	#DIV/0!		
133	2013OCT23_C_10_Std_2	Standard	10	1.46	40169.176	4354.484	#DIV/0!		
134	2013OCT23_C_25_Std_2	Standard	25	1.46	104371.883	12320.736	#DIV/0!		
135	2013OCT23_C_50_Std_2	Standard	50	1.46	185919.391	22980.879	#DIV/0!		
136	2013OCT23_C_100_Std_2	Standard	100	1.46	357615.594	43460.172	#DIV/0!		
137	2013OCT23_C_200_Stds_2	Standard	200	1.46	655690.438	83004.742	#DIV/0!		
138	2013OCT23_C_SolvA_49					0.007	#DIV/0!		

139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52					0.831		#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 16: Acesulfame-d4

yes=1,no=0

	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	**Ident'd?**		
								0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk			1.44	257790.906	44058.867		0	**293854**	**Avg**
3	2013OCT23_C_Travel Blk			1.44	285370.063	49630.949		0	**13%**	**RSD**
4	2013OCT23_C_0-01_Std	Standard	0.01	1.44	277660.531	47124.605		0		
5	2013OCT23_C_0-05_Std	Standard	0.05	1.45	293853.656	51899.031		0		
6	2013OCT23_C_0-1_Std	Standard	0.1	1.45	286306.563	48929.285		0		
7	2013OCT23_C_0-5_Std	Standard	0.5	1.45	298063.031	49471.832		0		
8	2013OCT23_C_1_Std	Standard	1	1.44	300524.406	48979.434		0		
9	2013OCT23_C_5_Std	Standard	5	1.44	293081.625	44744.09		0		
10	2013OCT23_C_10_Std	Standard	10	1.45	286176	44278.301		0		
11	2013OCT23_C_25_Std	Standard	25	1.45	287970.469	51409.34		0		
12	2013OCT23_C_50_Std	Standard	50	1.45	277235.969	47369.766		0		
13	2013OCT23_C_100_Std	Standard	100	1.44	251373.922	43088.672		0		
14	2013OCT23_C_200_Stds	Standard	200	1.44	249916.703	42605.418		0		
15	2013OCT23_C_SolvA_2							#DIV/0!		
16	2013OCT23_C_Surrogate_1							#DIV/0!		
17	2013OCT23_C_SolvA_3					0.065		#DIV/0!		
18	2013OCT23_C_SolvA_4							#DIV/0!		
19	2013OCT23_C_MM_0			1.44	281091.719	48007.949		0		
20	2013OCT23_C_MM_1			1.45	233870.891	41011.648		0		
21	2013OCT23_C_MM_5			1.45	246108.578	44329.922		0		
22	2013OCT23_C_MM_10			1.45	263861.25	47846.762		0		
23	2013OCT23_C_MM_25			1.44	230145.984	38833.895		0		
24	2013OCT23_C_MM_50			1.44	244609.766	44657.574		0		
25	2013OCT23_C_MM_100			1.44	266358.531	41813.277		0		
26	2013OCT23_C_SolvA_5							#DIV/0!		
27	2013OCT23_C_SolvA_6							#DIV/0!		
28	2013OCT23_C_NOAA_1			1.44	150775.5	28944.168		0		
29	2013OCT23_C_NOAA_2			1.44	157388.094	27845.057		0		
30	2013OCT23_C_NOAA_3			1.45	150256.594	26158.432		0		
31	2013OCT23_C_SolvA_7					0.391		#DIV/0!		
32	2013OCT23_C_SolvA_8							#DIV/0!		
33	2013OCT23_C_HornPt_1			1.45	155257.984	28688.051		0		
34	2013OCT23_C_HornPt_2			1.44	161734.781	28285.162		0		
35	2013OCT23_C_HornPt_3			1.44	166366.031	29511.133		0		
36	2013OCT23_C_SolvA_9							#DIV/0!		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1			1.44	199268.984	35803.934		0		

39	2013OCT23_C_50Bridge1_2	1.44	197541	34138.699	0
40	2013OCT23_C_50Bridge1_3	1.44	199472.047	34594.531	0
41	2013OCT23_C_SolvA_11			0.613	#DIV/0!
42	2013OCT23_C_SolvA_12				#DIV/0!
43	2013OCT23_C_50Bridge2_1	1.44	160068.453	26752.664	0
44	2013OCT23_C_50Bridge2_2	1.44	172755.094	28044.379	0
45	2013OCT23_C_50Bridge2_3	1.44	183690.219	33480.023	0
46	2013OCT23_C_SolvA_13				#DIV/0!
47	2013OCT23_C_SolvA_14			0.406	#DIV/0!
48	2013OCT23_C_QC_Std25_1	1.45	247835.063	42620.613	0
49	2013OCT23_C_SolvA_15				#DIV/0!
50	2013OCT23_C_SolvA_16			0.834	#DIV/0!
51	2013OCT23_C_50BridgeFurtherPt_1	1.45	188965.578	33841.531	0
52	2013OCT23_C_50BridgeFurtherPt_2	1.45	176166.188	32029.744	0
53	2013OCT23_C_50BridgeFurtherPt_3	1.44	172516.172	28586.672	0
54	2013OCT23_C_SolvA_17				#DIV/0!
55	2013OCT23_C_SolvA_18			0.43	#DIV/0!
56	2013OCT23_C_PrestonLn_1	1.44	259703.391	45795.617	0
57	2013OCT23_C_PrestonLn_2	1.44	249700.266	40373.371	0
58	2013OCT23_C_PrestonLn_3	1.44	245461.859	39917.75	0
59	2013OCT23_C_SolvA_19			0.633	#DIV/0!
60	2013OCT23_C_SolvA_20				#DIV/0!
61	2013OCT23_C_FrazierPt_1	1.44	220965.594	38877.406	0
62	2013OCT23_C_FrazierPt_2	1.45	223102.734	37132.527	0
63	2013OCT23_C_FrazierPt_3	1.45	208986.797	34837.223	0
64	2013OCT23_C_SolvA_21			0.645	#DIV/0!
65	2013OCT23_C_SolvA_22				#DIV/0!
66	2013OCT23_C_SwingBridge_1	1.44	249025.109	45322.371	0
67	2013OCT23_C_SwingBridge_2	1.44	248927.828	43841.883	0
68	2013OCT23_C_SwingBridge_3	1.45	249566	40533.605	0
69	2013OCT23_C_SolvA_23				#DIV/0!
70	2013OCT23_C_SolvA_24				#DIV/0!
71	2013OCT23_C_KingstonLn1_1	1.45	248124.922	40913.773	0
72	2013OCT23_C_KingstonLn1_2	1.45	232901.063	40375.734	0
73	2013OCT23_C_KingstonLn1_3	1.45	230031.25	39647.43	0
74	2013OCT23_C_SolvA_25				#DIV/0!
75	2013OCT23_C_SolvA_26			0.451	#DIV/0!
76	2013OCT23_C_QC_Std25_2	1.45	236046.172	40266.496	0
77	2013OCT23_C_SolvA_27				#DIV/0!
78	2013OCT23_C_SolvA_28			0.156	#DIV/0!
79	2013OCT23_C_KingstonLn2_1	1.45	270176.844	46052.488	0
80	2013OCT23_C_KingstonLn2_2	1.44	259550.844	41627.941	0
81	2013OCT23_C_KingstonLn2_3	1.44	246897.188	43155.453	0
82	2013OCT23_C_SolvA_29			0.026	#DIV/0!
83	2013OCT23_C_SolvA_30				#DIV/0!

84	2013OCT23_C_Cordova_1			1.44	248854.203	43676.352	0
85	2013OCT23_C_Cordova_2			1.45	233815.031	40684.273	0
86	2013OCT23_C_Cordova_3			1.45	233638.578	40990	0
87	2013OCT23_C_SolvA_31						#DIV/0!
88	2013OCT23_C_SolvA_32						#DIV/0!
89	2013OCT23_C_Tuckahoe1_1			1.45	273731.781	46170.938	0
90	2013OCT23_C_Tuckahoe1_2			1.44	271310.688	47626.5	0
91	2013OCT23_C_Tuckahoe1_3			1.44	273030.969	47671.512	0
92	2013OCT23_C_SolvA_33						#DIV/0!
93	2013OCT23_C_SolvA_34						#DIV/0!
94	2013OCT23_C_Tuckahoe2_1			1.45	261388.969	45616.867	0
95	2013OCT23_C_Tuckahoe2_2			1.44	255389.719	41116.168	0
96	2013OCT23_C_Tuckahoe2_3			1.44	255133	43783.184	0
97	2013OCT23_C_SolvA_35					0.586	#DIV/0!
98	2013OCT23_C_SolvA_36						#DIV/0!
99	2013OCT23_C_GermanBranch_1			1.44	247031.188	42419.344	0
100	2013OCT23_C_GermanBranch_2			1.44	250943.688	43702.008	0
101	2013OCT23_C_GermanBranch_3			1.44	259541.438	40021.258	0
102	2013OCT23_C_SolvA_37					0.086	#DIV/0!
103	2013OCT23_C_SolvA_38						#DIV/0!
104	2013OCT23_C_QC_Std25_3			1.45	241633.891	40969.5	0
105	2013OCT23_C_SolvA_39						#DIV/0!
106	2013OCT23_C_SolvA_40						#DIV/0!
107	2013OCT23_C_Greensboro1_1			1.44	281598.281	45976.637	0
108	2013OCT23_C_Greensboro1_2			1.44	264232.719	43253.672	0
109	2013OCT23_C_Greensboro1_3			1.44	260162.531	44133.898	0
110	2013OCT23_C_SolvA_41						#DIV/0!
111	2013OCT23_C_SolvA_42					0.766	#DIV/0!
112	2013OCT23_C_Greensboro2_1			1.45	242256.922	39503.266	0
113	2013OCT23_C_Greensboro2_2			1.44	252928.641	41852.73	0
114	2013OCT23_C_Greensboro2_3			1.44	247730.328	40935.441	0
115	2013OCT23_C_SolvA_43						#DIV/0!
116	2013OCT23_C_SolvA_44					0.011	#DIV/0!
117	2013OCT23_C_BeaverDam_1			1.45	275467	47574.852	0
118	2013OCT23_C_BeaverDam_2			1.45	259533.063	41354.715	0
119	2013OCT23_C_BeaverDam_3			1.45	259623.625	44132.914	0
120	2013OCT23_C_SolvA_45					0.406	#DIV/0!
121	2013OCT23_C_SolvA_46						#DIV/0!
122	2013OCT23_C_LongMarsh_1			1.44	219204.281	38307.473	0
123	2013OCT23_C_LongMarsh_2			1.44	209884.859	35593.242	0
124	2013OCT23_C_LongMarsh_3			1.45	215018.75	37383.352	0
125	2013OCT23_C_SolvA_47					0.399	#DIV/0!
126	2013OCT23_C_SolvA_48						#DIV/0!
127	2013OCT23_C_0-01_Std_2	Standard	0.01	1.44	257770.172	45481.191	0
128	2013OCT23_C_0-05_Std_2	Standard	0.05	1.45	249120.219	41954.523	0

129	2013OCT23_C_0-1_Std_2	Standard	0.1	1.45	239533.734	39696.148		0		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	1.45	232370.859	40014.008		0		
131	2013OCT23_C_1_Std_2	Standard	1	1.44	258191.672	45639.727		0		
132	2013OCT23_C_5_Std_2	Standard	5	1.45	260382.125	45224.551		0		
133	2013OCT23_C_10_Std_2	Standard	10	1.45	265064	45753.395		0		
134	2013OCT23_C_25_Std_2	Standard	25	1.44	255326.391	46169.273		0		
135	2013OCT23_C_50_Std_2	Standard	50	1.45	256770.688	41316.348		0		
136	2013OCT23_C_100_Std_2	Standard	100	1.45	229643	38046.75		0		
137	2013OCT23_C_200_Stds_2	Standard	200	1.45	215024.359	37712.57		0		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50					0.341		#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52					0.23		#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 17: Cyclamate

									yes=1,no=0	Conc. (ng/g)
								Ident'd?	**Calc'd**	**%diff**
	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	#DIV/0!		
1	2013OCT23_SolvA_1							#DIV/0!		
2	2013OCT23_C_Lab Blk							#DIV/0!		
3	2013OCT23_C_Travel Blk			2.16	68.385	1.571		#DIV/0!		
4	2013OCT23_C_0-01_Std	Standard	0.01					#DIV/0!	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05	2.14	244.543	0.318		#DIV/0!	0.05	2%
6	2013OCT23_C_0-1_Std	Standard	0.1	2.14	443.115			#DIV/0!	0.09	-7%
7	2013OCT23_C_0-5_Std	Standard	0.5	2.14	3321.708	24.367		#DIV/0!	0.7	39%
8	2013OCT23_C_1_Std	Standard	1	2.14	6590.104	7.875		#DIV/0!	1.4	38%
9	2013OCT23_C_5_Std	Standard	5	2.14	29908.135	464.791		#DIV/0!	6.3	25%
10	2013OCT23_C_10_Std	Standard	10	2.14	59128.633	977.231		#DIV/0!	12.4	24%
11	2013OCT23_C_25_Std	Standard	25	2.14	150318.703	2377.995		#DIV/0!	31.4	26%
12	2013OCT23_C_50_Std	Standard	50	2.14	266742.938	5333.893		#DIV/0!	55.8	12%
13	2013OCT23_C_100_Std	Standard	100	2.14	497229.656	10645.028		#DIV/0!	104.0	4%
14	2013OCT23_C_200_Stds	Standard	200	2.14	934955.375	22515.732		#DIV/0!	195.6	-2%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-74%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.05	-1%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.0	-53%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.3	-40%
19	2013OCT23_C_MM_0			2.14	283.637	11.899		#DIV/0!	1.0	0%
20	2013OCT23_C_MM_1			2.14	4394.486	60.816		#DIV/0!	3.8	-24%
21	2013OCT23_C_MM_5			2.14	26709.699	366.905		#DIV/0!	7.7	-23%
22	2013OCT23_C_MM_10			2.14	59547.539	1366.26		#DIV/0!	19.9	-20%
23	2013OCT23_C_MM_25			2.14	130037.719	2730.486		#DIV/0!	37.0	-26%
24	2013OCT23_C_MM_50			2.14	236514.781	5029.979		#DIV/0!	66.3	-34%
25	2013OCT23_C_MM_100			2.14	506475.719	12546.581		#DIV/0!	119.5	-40%
26	2013OCT23_C_SolvA_5			2.14	2.696	1.228		#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6			2.17	35.688			#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			2.13	415.925	66.457		#DIV/0!	**0.87**	**0.83**

29	2013OCT23_C_NOAA_2	2.14	399.654	4.22	#DIV/0!	**0.84**	**0.80**
30	2013OCT23_C_NOAA_3	2.14	552.331	4.928	#DIV/0!	**1.16**	**1.10**
31	2013OCT23_C_SolvA_7				#DIV/0!		
32	2013OCT23_C_SolvA_8				#DIV/0!		
33	2013OCT23_C_HornPt_1				#DIV/0!	**0.00**	**0.00**
34	2013OCT23_C_HornPt_2	2.14	61.627	9.399	#DIV/0!	**0.13**	**0.12**
35	2013OCT23_C_HornPt_3	2.12	35.464	11.819	#DIV/0!	**0.07**	**0.07**
36	2013OCT23_C_SolvA_9				#DIV/0!		
37	2013OCT23_C_SolvA_10				#DIV/0!		
38	2013OCT23_C_50Bridge1_1	2.14	286.78	16.704	#DIV/0!	**0.60**	**0.57**
39	2013OCT23_C_50Bridge1_2	2.14	194.278	34.997	#DIV/0!	**0.41**	**0.39**
40	2013OCT23_C_50Bridge1_3	2.14	420.74	13.526	#DIV/0!	**0.88**	**0.84**
41	2013OCT23_C_SolvA_11			0.096	#DIV/0!		
42	2013OCT23_C_SolvA_12	2.15	23.854		#DIV/0!		
43	2013OCT23_C_50Bridge2_1	2.14	147.427	10.056	#DIV/0!	**0.31**	**0.29**
44	2013OCT23_C_50Bridge2_2	2.14	181.597	14.393	#DIV/0!	**0.38**	**0.36**
45	2013OCT23_C_50Bridge2_3	2.14	118.305	12.222	#DIV/0!	**0.25**	**0.24**
46	2013OCT23_C_SolvA_13				#DIV/0!		
47	2013OCT23_C_SolvA_14				#DIV/0!		
48	2013OCT23_C_QC_Std25_1	2.14	129493.258	2423.49	#DIV/0!	**270.89**	**258.41**
49	2013OCT23_C_SolvA_15	2.14	55.252		#DIV/0!		
50	2013OCT23_C_SolvA_16				#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	2.12	61.126	4.112	#DIV/0!	**0.13**	**0.12**
52	2013OCT23_C_50BridgeFurtherPt_2	2.13	22.471	16.106	#DIV/0!	**0.05**	**0.04**
53	2013OCT23_C_50BridgeFurtherPt_3	2.15	42.501	14.769	#DIV/0!	**0.09**	**0.08**
54	2013OCT23_C_SolvA_17				#DIV/0!		
55	2013OCT23_C_SolvA_18				#DIV/0!		
56	2013OCT23_C_PrestonLn_1			23.172	#DIV/0!	**0.00**	**0.00**
57	2013OCT23_C_PrestonLn_2	2.15	249.064	26.584	#DIV/0!	**0.52**	**0.50**
58	2013OCT23_C_PrestonLn_3				#DIV/0!	**0.00**	**0.00**
59	2013OCT23_C_SolvA_19				#DIV/0!		
60	2013OCT23_C_SolvA_20				#DIV/0!		
61	2013OCT23_C_FrazierPt_1			16.363	#DIV/0!	**0.00**	**0.00**
62	2013OCT23_C_FrazierPt_2	2.16	142.457	20.35	#DIV/0!	**0.30**	**0.28**
63	2013OCT23_C_FrazierPt_3	2.16	168.473	14.827	#DIV/0!	**0.35**	**0.34**
64	2013OCT23_C_SolvA_21				#DIV/0!		
65	2013OCT23_C_SolvA_22				#DIV/0!		
66	2013OCT23_C_SwingBridge_1	2.14	55.443	16.66	#DIV/0!	**0.12**	**0.11**
67	2013OCT23_C_SwingBridge_2	2.14	97.359	22.988	#DIV/0!	**0.20**	**0.19**
68	2013OCT23_C_SwingBridge_3	2.14	213.881	19.08	#DIV/0!	**0.45**	**0.43**
69	2013OCT23_C_SolvA_23				#DIV/0!		
70	2013OCT23_C_SolvA_24				#DIV/0!		
71	2013OCT23_C_KingstonLn1_1				#DIV/0!	**0.00**	**0.00**
72	2013OCT23_C_KingstonLn1_2	2.12	22.025	15.926	#DIV/0!	**0.05**	**0.04**
73	2013OCT23_C_KingstonLn1_3	2.13	105.92	14.353	#DIV/0!	**0.22**	**0.21**

74	2013OCT23_C_SolvA_25	2.18	1.397	0.12	#DIV/0!		
75	2013OCT23_C_SolvA_26				#DIV/0!		
76	2013OCT23_C_QC_Std25_2	2.14	89252.789	1531.216	#DIV/0!	**186.71**	**178.11**
77	2013OCT23_C_SolvA_27				#DIV/0!		
78	2013OCT23_C_SolvA_28				#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	2.13	38.959	14.053	#DIV/0!	**0.08**	**0.08**
80	2013OCT23_C_KingstonLn2_2	2.12	40.163	9.789	#DIV/0!	**0.08**	**0.08**
81	2013OCT23_C_KingstonLn2_3	2.14	42.825	20.25	#DIV/0!	**0.09**	**0.09**
82	2013OCT23_C_SolvA_29				#DIV/0!		
83	2013OCT23_C_SolvA_30				#DIV/0!		
84	2013OCT23_C_Cordova_1	2.13	96.994	9.98	#DIV/0!	**0.20**	**0.19**
85	2013OCT23_C_Cordova_2	2.14	74.406	9.549	#DIV/0!	**0.16**	**0.15**
86	2013OCT23_C_Cordova_3	2.14	89.787	14.366	#DIV/0!	**0.19**	**0.18**
87	2013OCT23_C_SolvA_31				#DIV/0!		
88	2013OCT23_C_SolvA_32				#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	2.14	11.597	10.548	#DIV/0!	**0.02**	**0.02**
90	2013OCT23_C_Tuckahoe1_2	2.13	13.856	9.438	#DIV/0!	**0.03**	**0.03**
91	2013OCT23_C_Tuckahoe1_3	2.12	23.157	12.171	#DIV/0!	**0.05**	**0.05**
92	2013OCT23_C_SolvA_33				#DIV/0!		
93	2013OCT23_C_SolvA_34				#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	2.13	14.363	12.125	#DIV/0!	**0.03**	**0.03**
95	2013OCT23_C_Tuckahoe2_2	2.13	10.273	9.584	#DIV/0!	**0.02**	**0.02**
96	2013OCT23_C_Tuckahoe2_3	2.12	53.381	4.324	#DIV/0!	**0.11**	**0.11**
97	2013OCT23_C_SolvA_35				#DIV/0!		
98	2013OCT23_C_SolvA_36				#DIV/0!		
99	2013OCT23_C_GermanBranch_1	2.12	20.496	6.3	#DIV/0!	**0.04**	**0.04**
100	2013OCT23_C_GermanBranch_2	2.13	7.81	6.759	#DIV/0!	**0.02**	**0.02**
101	2013OCT23_C_GermanBranch_3	2.13	19.51	4.355	#DIV/0!	**0.04**	**0.04**
102	2013OCT23_C_SolvA_37				#DIV/0!		
103	2013OCT23_C_SolvA_38				#DIV/0!		
104	2013OCT23_C_QC_Std25_3	2.14	110658.125	1711.942	#DIV/0!	**231.49**	**220.82**
105	2013OCT23_C_SolvA_39			2.437	#DIV/0!		
106	2013OCT23_C_SolvA_40			0.954	#DIV/0!		
107	2013OCT23_C_Greensboro1_1	2.15	177.663	4.21	#DIV/0!	**0.37**	**0.35**
108	2013OCT23_C_Greensboro1_2	2.15	120.324	18.403	#DIV/0!	**0.25**	**0.24**
109	2013OCT23_C_Greensboro1_3	2.13	76.817	18.087	#DIV/0!	**0.16**	**0.15**
110	2013OCT23_C_SolvA_41				#DIV/0!		
111	2013OCT23_C_SolvA_42	2.14	18.978	0.313	#DIV/0!		
112	2013OCT23_C_Greensboro2_1	2.13	7.757	12.446	#DIV/0!	**0.02**	**0.02**
113	2013OCT23_C_Greensboro2_2	2.13	20.105	9.664	#DIV/0!	**0.04**	**0.04**
114	2013OCT23_C_Greensboro2_3	2.12	12.82	11.448	#DIV/0!	**0.03**	**0.03**
115	2013OCT23_C_SolvA_43	2.14	0.717		#DIV/0!		
116	2013OCT23_C_SolvA_44				#DIV/0!		
117	2013OCT23_C_BeaverDam_1	2.14	3.845	7.929	#DIV/0!	**0.01**	**0.01**
118	2013OCT23_C_BeaverDam_2	2.14	31.817	3.541	#DIV/0!	**0.07**	**0.06**

119	2013OCT23_C_BeaverDam_3			2.13	9.311	6.851		#DIV/0!	**0.02**	**0.02**
120	2013OCT23_C_SolvA_45			2.13	2.045			#DIV/0!		
121	2013OCT23_C_SolvA_46					0.634		#DIV/0!		
122	2013OCT23_C_LongMarsh_1			2.13	69.369	6.332		#DIV/0!	**0.15**	**0.14**
123	2013OCT23_C_LongMarsh_2					9.054		#DIV/0!	**0.00**	**0.00**
124	2013OCT23_C_LongMarsh_3			2.15	54.172			#DIV/0!	**0.11**	**0.11**
125	2013OCT23_C_SolvA_47			2.12	0.772	0.194		#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01	2.14	12.653	0.751		#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	2.15	236.791	0.213		#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	2.15	225.689			#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	2.14	1428.963	58.176		#DIV/0!		
131	2013OCT23_C_1_Std_2	Standard	1	2.14	4766.719	38.207		#DIV/0!		
132	2013OCT23_C_5_Std_2	Standard	5	2.14	18219.82	333.744		#DIV/0!		
133	2013OCT23_C_10_Std_2	Standard	10	2.14	36833.039	704.451		#DIV/0!		
134	2013OCT23_C_25_Std_2	Standard	25	2.14	95157.773	1582.906		#DIV/0!		
135	2013OCT23_C_50_Std_2	Standard	50	2.14	176848.641	3936.216		#DIV/0!		
136	2013OCT23_C_100_Std_2	Standard	100	2.14	317120.375	6890.588		#DIV/0!		
137	2013OCT23_C_200_Stds_2	Standard	200	2.14	571223.875	14942.125		#DIV/0!		
138	2013OCT23_C_SolvA_49					0.949		#DIV/0!		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50					0.521		#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 18: saccharine

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**	**yes=1,no=0 Calc'd**	**Conc. (ng/g) %diff**
								0		
1	2013OCT23_SolvA_1					0.004	3.024	0		
2	2013OCT23_C_Lab Blk						11.905	0		
3	2013OCT23_C_Travel Blk					0.037	36.946	0		
4	2013OCT23_C_0-01_Std	Standard	0.01			0.404	5.704	0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05			0.087	7.93	0	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1				12.405	0	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5			2.77	142.206	0	0.0	-100%
8	2013OCT23_C_1_Std	Standard	1	1.84	1167.243	153.108	1536.91	1	1.3	26%
9	2013OCT23_C_5_Std	Standard	5	1.84	6588.181	999.433	7417.932	1	7.1	42%
10	2013OCT23_C_10_Std	Standard	10	1.85	13662.14	1863.683	14904.244	1	14.8	48%
11	2013OCT23_C_25_Std	Standard	25	1.84	33573.602	5332.937	36585.926	1	36.3	45%
12	2013OCT23_C_50_Std	Standard	50	1.85	56652.434	8550.485	63286.816	1	61.2	22%
13	2013OCT23_C_100_Std	Standard	100	1.84	98296.227	16272.578	110638.641	1	106.3	6%
14	2013OCT23_C_200_Stds	Standard	200	1.84	175070.5	30090.076	200494.719	1	189.2	-5%
15	2013OCT23_C_SolvA_2					0.224	5.187	#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1					0.241	3.954	#DIV/0!	0.00	-100%
17	2013OCT23_C_SolvA_3					6.34	1.627	#DIV/0!	0.0	-100%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.6	25%

19	2013OCT23_C_MM_0	1.84	2736.99	214.609	2927.451	1	1.3	29%
20	2013OCT23_C_MM_1	1.84	3792.301	331.674	4243.981	1	6.4	28%
21	2013OCT23_C_MM_5	1.84	8353.405	1099.416	9531.494	1	13.3	33%
22	2013OCT23_C_MM_10	1.84	14909.925	2485.873	17448.137	1	34.4	38%
23	2013OCT23_C_MM_25	1.84	29062.129	4278.883	32720.021	1	60.4	21%
24	2013OCT23_C_MM_50	1.84	48946.449	7875.839	53253.016	1	107.3	7%
25	2013OCT23_C_MM_100	1.84	99080.664	14720.16	102713.516	1	195.5	-2%
26	2013OCT23_C_SolvA_5			0.236	7.795	#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6			7.446	9.906	#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			21.641	201.182	#DIV/0!	**0.00**	**0.00**
29	2013OCT23_C_NOAA_2			0.857	62.162	#DIV/0!	**0.00**	**0.00**
30	2013OCT23_C_NOAA_3			16.154	223.337	#DIV/0!	**0.00**	**0.00**
31	2013OCT23_C_SolvA_7			0.569	2.895	#DIV/0!		
32	2013OCT23_C_SolvA_8			0.251	7.091	#DIV/0!		
33	2013OCT23_C_HornPt_1	1.84	1736.227	168.039	2016.712	1	**18.77**	**18.04**
34	2013OCT23_C_HornPt_2	1.84	1817.163	208.563	2124.457	1	**19.64**	**18.88**
35	2013OCT23_C_HornPt_3	1.84	1677.943	171.052	2290.09	1	**18.14**	**17.43**
36	2013OCT23_C_SolvA_9			0.108	7.89	#DIV/0!		
37	2013OCT23_C_SolvA_10			0.712	13.648	#DIV/0!		
38	2013OCT23_C_50Bridge1_1	1.84	1289.628	130.862	1834.253	1	**13.94**	**13.40**
39	2013OCT23_C_50Bridge1_2	1.84	1407.18	157.028	1543.435	1	**15.21**	**14.62**
40	2013OCT23_C_50Bridge1_3	1.84	1268.856	220.195	1449.84	1	**13.72**	**13.18**
41	2013OCT23_C_SolvA_11	1.9	0.453	0.406	2.78	0		
42	2013OCT23_C_SolvA_12	1.84	0.2	0.446	0.749	0		
43	2013OCT23_C_50Bridge2_1	1.84	2810.158	401.169	3599.787	1	**30.38**	**29.20**
44	2013OCT23_C_50Bridge2_2	1.84	3308.682	387.828	3735.37	1	**35.76**	**34.38**
45	2013OCT23_C_50Bridge2_3	1.84	3049.805	359.945	3537.248	1	**32.97**	**31.69**
46	2013OCT23_C_SolvA_13			0.187	0.511	#DIV/0!		
47	2013OCT23_C_SolvA_14					#DIV/0!		
48	2013OCT23_C_QC_Std25_1	1.84	30208.252	4715.613	31849.652	1	**326.53**	**313.86**
49	2013OCT23_C_SolvA_15			0.271	1.553	#DIV/0!		
50	2013OCT23_C_SolvA_16					#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	1.84	1779.943	128.109	1755.659	1	**19.24**	**18.49**
52	2013OCT23_C_50BridgeFurtherPt_2	1.84	1431.848	107.185	1701.718	1	**15.48**	**14.88**
53	2013OCT23_C_50BridgeFurtherPt_3	1.84	1473.044	155.174	1839.185	1	**15.92**	**15.30**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18			0.102	0.085	#DIV/0!		
56	2013OCT23_C_PrestonLn_1	1.85	1840.792	193.742	1991.244	1	**19.90**	**19.13**
57	2013OCT23_C_PrestonLn_2	1.84	1529.923	65.613	1975.789	1	**16.54**	**15.90**
58	2013OCT23_C_PrestonLn_3	1.84	1740.317	176.967	1811.405	1	**18.81**	**18.08**
59	2013OCT23_C_SolvA_19			0.217	1.716	#DIV/0!		
60	2013OCT23_C_SolvA_20			0.204	3.025	#DIV/0!		
61	2013OCT23_C_FrazierPt_1	1.84	570.192	18.559	755.718	1	**6.16**	**5.92**
62	2013OCT23_C_FrazierPt_2	1.8	653.621	112.996	820.182	1	**7.07**	**6.79**
63	2013OCT23_C_FrazierPt_3	1.84	642.121	41.353	796.755	1	**6.94**	**6.67**

64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22			0.287	0.969	#DIV/0!		
66	2013OCT23_C_SwingBridge_1			0.329	39.502	#DIV/0!	**0.00**	**0.00**
67	2013OCT23_C_SwingBridge_2			0.518	8.475	#DIV/0!	**0.00**	**0.00**
68	2013OCT23_C_SwingBridge_3			0.801	94.673	#DIV/0!	**0.00**	**0.00**
69	2013OCT23_C_SolvA_23				2.724	#DIV/0!		
70	2013OCT23_C_SolvA_24				1.474	#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	1.84	1433.922	176.293	1946.818	1	**15.50**	**14.90**
72	2013OCT23_C_KingstonLn1_2	1.85	1335.663	159.12	1651.201	1	**14.44**	**13.88**
73	2013OCT23_C_KingstonLn1_3	1.86	1303.07	140.393	1839.712	1	**14.09**	**13.54**
74	2013OCT23_C_SolvA_25			0.314	0.347	#DIV/0!		
75	2013OCT23_C_SolvA_26				0.009	#DIV/0!		
76	2013OCT23_C_QC_Std25_2	1.85	30717.287	4567.323	34749.457	1	**332.03**	**319.15**
77	2013OCT23_C_SolvA_27			0.242	0.364	#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	1.84	2395.297	213.473	2762.358	1	**25.89**	**24.89**
80	2013OCT23_C_KingstonLn2_2	1.85	2000.248	309.701	2372.159	1	**21.62**	**20.78**
81	2013OCT23_C_KingstonLn2_3	1.84	2007.469	197.841	2564.731	1	**21.70**	**20.86**
82	2013OCT23_C_SolvA_29			0.361	0.655	#DIV/0!		
83	2013OCT23_C_SolvA_30			0.319	8.909	#DIV/0!		
84	2013OCT23_C_Cordova_1	1.82	371.458	4.448	708.713	1	**4.02**	**3.86**
85	2013OCT23_C_Cordova_2	1.83	313.978	38.874	636.126	1	**3.39**	**3.26**
86	2013OCT23_C_Cordova_3	1.85	322.757	4.739	602.876	1	**3.49**	**3.35**
87	2013OCT23_C_SolvA_31				5.602	#DIV/0!		
88	2013OCT23_C_SolvA_32			0.218	6.843	#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	1.85	1622.261	183.817	1894.901	1	**17.54**	**16.85**
90	2013OCT23_C_Tuckahoe1_2	1.87	1673.718	145.463	1694.348	1	**18.09**	**17.39**
91	2013OCT23_C_Tuckahoe1_3	1.85	1349.482	121.269	1525.88	1	**14.59**	**14.02**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34			0.234	5.251	#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1			0.226	74.338	#DIV/0!	**0.00**	**0.00**
95	2013OCT23_C_Tuckahoe2_2			2.36	108.417	#DIV/0!	**0.00**	**0.00**
96	2013OCT23_C_Tuckahoe2_3			0.805	43.858	#DIV/0!	**0.00**	**0.00**
97	2013OCT23_C_SolvA_35			0.333	6.665	#DIV/0!		
98	2013OCT23_C_SolvA_36			1.533	2.429	#DIV/0!		
99	2013OCT23_C_GermanBranch_1			0.343		#DIV/0!	**0.00**	**0.00**
100	2013OCT23_C_GermanBranch_2			2.481	98.206	#DIV/0!	**0.00**	**0.00**
101	2013OCT23_C_GermanBranch_3					#DIV/0!	**0.00**	**0.00**
102	2013OCT23_C_SolvA_37			0.319	0.049	#DIV/0!		
103	2013OCT23_C_SolvA_38			0.449	0.74	#DIV/0!		
104	2013OCT23_C_QC_Std25_3	1.85	30702.6	5459.699	34833.883	1	**331.87**	**318.99**
105	2013OCT23_C_SolvA_39			0.173	5.793	#DIV/0!		
106	2013OCT23_C_SolvA_40				2.897	#DIV/0!		
107	2013OCT23_C_Greensboro1_1	1.85	922.177	78.002	1344.02	1	**9.97**	**9.58**
108	2013OCT23_C_Greensboro1_2	1.86	838.664	57.677	1216.473	1	**9.07**	**8.71**

109	2013OCT23_C_Greensboro1_3			1.86	966.036	59.223	1251.24	1	**10.44**	**10.04**
110	2013OCT23_C_SolvA_41					0.675	1.942	#DIV/0!		
111	2013OCT23_C_SolvA_42					0.87	6.878	#DIV/0!		
112	2013OCT23_C_Greensboro2_1			1.85	686.557	33.025	885.928	1	**7.42**	**7.13**
113	2013OCT23_C_Greensboro2_2			1.85	691.89	115.835	841.825	1	**7.48**	**7.19**
114	2013OCT23_C_Greensboro2_3			1.85	756.165	33.32	793.123	1	**8.17**	**7.86**
115	2013OCT23_C_SolvA_43					0.177	7.092	#DIV/0!		
116	2013OCT23_C_SolvA_44					0.079	0.719	#DIV/0!		
117	2013OCT23_C_BeaverDam_1			1.85	12145.845	1753.175	13754.679	1	**131.29**	**126.19**
118	2013OCT23_C_BeaverDam_2			1.85	11790.259	1762.193	13654.122	1	**127.44**	**122.50**
119	2013OCT23_C_BeaverDam_3			1.85	11326.348	1692.614	13097.013	1	**122.43**	**117.68**
120	2013OCT23_C_SolvA_45					0.222	0.154	#DIV/0!		
121	2013OCT23_C_SolvA_46					0.237	4.077	#DIV/0!		
122	2013OCT23_C_LongMarsh_1						52.762	#DIV/0!	**0.00**	**0.00**
123	2013OCT23_C_LongMarsh_2					0.239	70.62	#DIV/0!	**0.00**	**0.00**
124	2013OCT23_C_LongMarsh_3					0.028		#DIV/0!	**0.00**	**0.00**
125	2013OCT23_C_SolvA_47					0.331	0.075	#DIV/0!		
126	2013OCT23_C_SolvA_48					0.035	0.228	#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01			0.108	8.761	#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05			0.687	22.82	#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1			10.861	8.261	#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	1.85	580.485		673.53	0		
131	2013OCT23_C_1_Std_2	Standard	1	1.85	1195.232	125.529	1384.982	1		
132	2013OCT23_C_5_Std_2	Standard	5	1.85	5933.538	697.008	7299.464	1		
133	2013OCT23_C_10_Std_2	Standard	10	1.85	12300.422	1791.854	14044.234	1		
134	2013OCT23_C_25_Std_2	Standard	25	1.85	31856.037	4992.529	35554.242	1		
135	2013OCT23_C_50_Std_2	Standard	50	1.85	55901.242	8526.864	61794.953	1		
136	2013OCT23_C_100_Std_2	Standard	100	1.85	99294.531	15762.505	111965.922	1		
137	2013OCT23_C_200_Stds_2	Standard	200	1.85	180835.641	28046.289	199479.875	1		
138	2013OCT23_C_SolvA_49					0.343	11.435	#DIV/0!		
139	2013OCT23_C_Surrogate_2					0.273	5.904	#DIV/0!		
140	2013OCT23_C_SolvA_50					0.384	2.04	#DIV/0!		
141	2013OCT23_C_SolvA_51					0.762	2.54	#DIV/0!		
142	2013OCT23_C_SolvA_52					0.169	0.042	#DIV/0!		
143	2013OCT23_C_SolvA_53					0.366	0.009	#DIV/0!		

Compound 19: 2.4-D

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**	**yes=1,no=0 Calc'd**	**Conc. (ng/g) %diff**
								0		
1	2013OCT23_SolvA_1					0.261		0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk							0		
4	2013OCT23_C_0-01_Std	Standard	0.01			0.438	10.134	0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05					0	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1			0.944	12.591	0	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5			1.842		0	0.0	-100%
8	2013OCT23_C_1_Std	Standard	1	6.17	2850.221	114.469		0	1.1	12%

9	2013OCT23_C_5_Std	Standard	5	6.17	16400.371	1077.588	353.551	1	6.4	29%
10	2013OCT23_C_10_Std	Standard	10	6.18	30676.197	2715.561	968.739	1	12.1	21%
11	2013OCT23_C_25_Std	Standard	25	6.19	77317.219	6119.085	1535.486	1	30.4	22%
12	2013OCT23_C_50_Std	Standard	50	6.19	139203.063	12230.813	2634.709	1	54.7	9%
13	2013OCT23_C_100_Std	Standard	100	6.16	269535.375	24000.219	4933.44	1	106.0	6%
14	2013OCT23_C_200_Stds	Standard	200	6.16	501326.094	47362.262	10491.839	1	197.1	-1%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.00	-100%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.2	109%
18	2013OCT23_C_SolvA_4							#DIV/0!	0.5	2%
19	2013OCT23_C_MM_0			6.16	8554.947	671.645	120.981	1	1.1	13%
20	2013OCT23_C_MM_1			6.18	10173.895	963.862	320.359	1	5.8	17%
21	2013OCT23_C_MM_5			6.19	24630.965	1771.687	581.61	1	11.7	17%
22	2013OCT23_C_MM_10			6.19	45943.742	3381.069	811.507	1	29.3	17%
23	2013OCT23_C_MM_25			6.17	87381.883	6859.21	1930.891	1	53.4	7%
24	2013OCT23_C_MM_50			6.16	144911.031	14076.053	2671.801	1	101.9	2%
25	2013OCT23_C_MM_100			6.17	337484.406	29992.559	5934.534	1	195.4	-2%
26	2013OCT23_C_SolvA_5							#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6					5.563		#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			6.18	5203.669	334.57	254.523	1	**20.46**	**16.36**
29	2013OCT23_C_NOAA_2			6.17	4671.946	344.52	122.949	1	**18.37**	**14.69**
30	2013OCT23_C_NOAA_3			6.18	4556.79	545.878	102.742	1	**17.92**	**14.33**
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8						1.703	#DIV/0!		
33	2013OCT23_C_HornPt_1			6.18	5315.703	324.38		0	**20.90**	**16.72**
34	2013OCT23_C_HornPt_2			6.16	5763.685	168.173		0	**22.66**	**18.13**
35	2013OCT23_C_HornPt_3			6.17	5854.961	342.881		0	**23.02**	**18.41**
36	2013OCT23_C_SolvA_9							#DIV/0!		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1			6.15	4152.222	347.609		0	**16.33**	**13.06**
39	2013OCT23_C_50Bridge1_2			6.15	5345.377	273.066	185.636	1	**21.02**	**16.81**
40	2013OCT23_C_50Bridge1_3			6.17	6301.367	484.347		0	**24.78**	**19.82**
41	2013OCT23_C_SolvA_11							#DIV/0!		
42	2013OCT23_C_SolvA_12							#DIV/0!		
43	2013OCT23_C_50Bridge2_1			6.16	4018.055	231.783		0	**15.80**	**12.64**
44	2013OCT23_C_50Bridge2_2			6.15	4905.155	242.297		0	**19.29**	**15.43**
45	2013OCT23_C_50Bridge2_3			6.16	4676.052	281.554		0	**18.39**	**14.70**
46	2013OCT23_C_SolvA_13					3.228		#DIV/0!		
47	2013OCT23_C_SolvA_14							#DIV/0!		
48	2013OCT23_C_QC_Std25_1			6.15	78887.039	7144.692	1172.74	1	**310.17**	**248.08**
49	2013OCT23_C_SolvA_15							#DIV/0!		
50	2013OCT23_C_SolvA_16							#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1			6.19	4073.82	188.562		0	**16.02**	**12.81**
52	2013OCT23_C_50BridgeFurtherPt_2			6.19	5075.379	254.272		0	**19.96**	**15.96**
53	2013OCT23_C_50BridgeFurtherPt_3			6.17	4614.959	187.035	4.422	1	**18.15**	**14.51**
54	2013OCT23_C_SolvA_17					0.261	0.85	#DIV/0!		

55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1	6.17	5119.633	482.298		0	**20.13**	**16.10**
57	2013OCT23_C_PrestonLn_2	6.18	5330.842	415.216		0	**20.96**	**16.76**
58	2013OCT23_C_PrestonLn_3	6.18	5819.602	320.854		0	**22.88**	**18.30**
59	2013OCT23_C_SolvA_19					#DIV/0!		
60	2013OCT23_C_SolvA_20				141.123	#DIV/0!		
61	2013OCT23_C_FrazierPt_1	6.17	11789.386	778.739		0	**46.35**	**37.07**
62	2013OCT23_C_FrazierPt_2	6.19	10733.585	936.405		0	**42.20**	**33.75**
63	2013OCT23_C_FrazierPt_3	6.19	10148.072	597.533	424.819	1	**39.90**	**31.91**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1	6.18	27751.363	2030.856	666.136	1	**109.11**	**87.27**
67	2013OCT23_C_SwingBridge_2	6.19	26475.57	2266.714		0	**104.10**	**83.26**
68	2013OCT23_C_SwingBridge_3	6.19	25161.727	2593.214	601.453	1	**98.93**	**79.13**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24					#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	6.19	43900.5	4409.39	768.062	1	**172.61**	**138.05**
72	2013OCT23_C_KingstonLn1_2	6.2	42534.941	3358.145	1009.905	1	**167.24**	**133.76**
73	2013OCT23_C_KingstonLn1_3	6.19	42545.105	3134.097	819.352	1	**167.28**	**133.79**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	6.19	76086.992	6108.483	1515.417	1	**299.16**	**239.27**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	6.19	50339.207	3603.917	1018.292	1	**197.93**	**158.30**
80	2013OCT23_C_KingstonLn2_2	6.18	48213.383	3689.942	948.412	1	**189.57**	**151.62**
81	2013OCT23_C_KingstonLn2_3	6.17	50275.363	4475.261	727.128	1	**197.68**	**158.10**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30					#DIV/0!		
84	2013OCT23_C_Cordova_1					#DIV/0!	**0.00**	**0.00**
85	2013OCT23_C_Cordova_2					#DIV/0!	**0.00**	**0.00**
86	2013OCT23_C_Cordova_3					#DIV/0!	**0.00**	**0.00**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32					#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	6.19	1661.279	125.21	78.744	1	**6.53**	**5.22**
90	2013OCT23_C_Tuckahoe1_2	6.19	2270.937	37.435		0	**8.93**	**7.14**
91	2013OCT23_C_Tuckahoe1_3	6.19	1401.54	53.694	30.186	1	**5.51**	**4.41**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34			0.011		#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	6.17	2504.985	76.794		0	**9.85**	**7.88**
95	2013OCT23_C_Tuckahoe2_2	6.17	2114.009	25.497		0	**8.31**	**6.65**
96	2013OCT23_C_Tuckahoe2_3	6.18	1887.598	32.744		0	**7.42**	**5.94**
97	2013OCT23_C_SolvA_35					#DIV/0!		
98	2013OCT23_C_SolvA_36					#DIV/0!		
99	2013OCT23_C_GermanBranch_1					#DIV/0!	**0.00**	**0.00**

100	2013OCT23_C_GermanBranch_2							#DIV/0!	**0.00**	**0.00**
101	2013OCT23_C_GermanBranch_3							#DIV/0!	**0.00**	**0.00**
102	2013OCT23_C_SolvA_37							#DIV/0!		
103	2013OCT23_C_SolvA_38							#DIV/0!		
104	2013OCT23_C_QC_Std25_3			6.18	78570.352	7197.767	1287.171	1	**308.93**	**247.08**
105	2013OCT23_C_SolvA_39							#DIV/0!		
106	2013OCT23_C_SolvA_40							#DIV/0!		
107	2013OCT23_C_Greensboro1_1							#DIV/0!	**0.00**	**0.00**
108	2013OCT23_C_Greensboro1_2							#DIV/0!	**0.00**	**0.00**
109	2013OCT23_C_Greensboro1_3							#DIV/0!	**0.00**	**0.00**
110	2013OCT23_C_SolvA_41							#DIV/0!		
111	2013OCT23_C_SolvA_42							#DIV/0!		
112	2013OCT23_C_Greensboro2_1					0.07		#DIV/0!	**0.00**	**0.00**
113	2013OCT23_C_Greensboro2_2					0.321	121.376	#DIV/0!	**0.00**	**0.00**
114	2013OCT23_C_Greensboro2_3							#DIV/0!	**0.00**	**0.00**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44							#DIV/0!		
117	2013OCT23_C_BeaverDam_1							#DIV/0!	**0.00**	**0.00**
118	2013OCT23_C_BeaverDam_2							#DIV/0!	**0.00**	**0.00**
119	2013OCT23_C_BeaverDam_3					0.614	7.808	#DIV/0!	**0.00**	**0.00**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1					30.67		#DIV/0!	**0.00**	**0.00**
123	2013OCT23_C_LongMarsh_2			6.16	600.898	4.824		0	**2.36**	**1.89**
124	2013OCT23_C_LongMarsh_3			6.14	571.877	14.339	7.45	1	**2.25**	**1.80**
125	2013OCT23_C_SolvA_47					0.666	37.654	#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05					#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	6.19	531.035			#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	6.16	1297.365	0.915	92.469	1		
131	2013OCT23_C_1_Std_2	Standard	1	6.17	2861.547	258.509	302.361	1		
132	2013OCT23_C_5_Std_2	Standard	5	6.18	14832.557	971.843	366.98	1		
133	2013OCT23_C_10_Std_2	Standard	10	6.18	29861.078	2725.845	337.393	1		
134	2013OCT23_C_25_Std_2	Standard	25	6.18	74522.57	6607.632	1413.707	1		
135	2013OCT23_C_50_Std_2	Standard	50	6.19	135708.797	12055.506	2998.737	1		
136	2013OCT23_C_100_Std_2	Standard	100	6.19	259269.828	22586.137	5542.936	1		
137	2013OCT23_C_200_Stds_2	Standard	200	6.19	497079.031	42515.836	10913.315	1		
138	2013OCT23_C_SolvA_49					0.021		#DIV/0!		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 20: 13C-2.4-D

yes=1,no=0

Ident'd?

	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	#DIV/0!		
1	2013OCT23_SolvA_1							#DIV/0!		
2	2013OCT23_C_Lab Blk			6.17	349069.125			#DIV/0!	**354335**	**Avg**
3	2013OCT23_C_Travel Blk			6.17	380430.219			#DIV/0!	**6%**	**RSD**
4	2013OCT23_C_0-01_Std	Standard	0.01	6.16	350724.063			#DIV/0!		
5	2013OCT23_C_0-05_Std	Standard	0.05	6.18	354334.625			#DIV/0!		
6	2013OCT23_C_0-1_Std	Standard	0.1	6.18	390725.594			#DIV/0!		
7	2013OCT23_C_0-5_Std	Standard	0.5	6.17	366521.406			#DIV/0!		
8	2013OCT23_C_1_Std	Standard	1	6.16	377467.844			#DIV/0!		
9	2013OCT23_C_5_Std	Standard	5	6.17	378447.719			#DIV/0!		
10	2013OCT23_C_10_Std	Standard	10	6.18	367240.469			#DIV/0!		
11	2013OCT23_C_25_Std	Standard	25	6.18	363193.781			#DIV/0!		
12	2013OCT23_C_50_Std	Standard	50	6.18	357004.063			#DIV/0!		
13	2013OCT23_C_100_Std	Standard	100	6.16	322598.219			#DIV/0!		
14	2013OCT23_C_200_Stds	Standard	200	6.16	339849.125			#DIV/0!		
15	2013OCT23_C_SolvA_2							#DIV/0!		
16	2013OCT23_C_Surrogate_1							#DIV/0!		
17	2013OCT23_C_SolvA_3							#DIV/0!		
18	2013OCT23_C_SolvA_4							#DIV/0!		
19	2013OCT23_C_MM_0			6.16	376389.25			#DIV/0!		
20	2013OCT23_C_MM_1			6.18	339004.688			#DIV/0!		
21	2013OCT23_C_MM_5			6.19	354051.719			#DIV/0!		
22	2013OCT23_C_MM_10			6.19	403550.563			#DIV/0!		
23	2013OCT23_C_MM_25			6.17	360904.188			#DIV/0!		
24	2013OCT23_C_MM_50			6.16	365465.031			#DIV/0!		
25	2013OCT23_C_MM_100			6.18	439823.563			#DIV/0!		
26	2013OCT23_C_SolvA_5							#DIV/0!		
27	2013OCT23_C_SolvA_6							#DIV/0!		
28	2013OCT23_C_NOAA_1			6.18	360021.781			#DIV/0!		
29	2013OCT23_C_NOAA_2			6.16	346425.406			#DIV/0!		
30	2013OCT23_C_NOAA_3			6.18	354578.094			#DIV/0!		
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8							#DIV/0!		
33	2013OCT23_C_HornPt_1			6.18	343166.844			#DIV/0!		
34	2013OCT23_C_HornPt_2			6.15	328270.875			#DIV/0!		
35	2013OCT23_C_HornPt_3			6.16	336221.656			#DIV/0!		
36	2013OCT23_C_SolvA_9							#DIV/0!		
37	2013OCT23_C_SolvA_10							#DIV/0!		
38	2013OCT23_C_50Bridge1_1			6.16	397718			#DIV/0!		
39	2013OCT23_C_50Bridge1_2			6.15	392782.719			#DIV/0!		
40	2013OCT23_C_50Bridge1_3			6.16	388161.25			#DIV/0!		
41	2013OCT23_C_SolvA_11							#DIV/0!		
42	2013OCT23_C_SolvA_12							#DIV/0!		
43	2013OCT23_C_50Bridge2_1			6.15	333218.344			#DIV/0!		
44	2013OCT23_C_50Bridge2_2			6.15	329192.906			#DIV/0!		
45	2013OCT23_C_50Bridge2_3			6.17	327883.625			#DIV/0!		

46	2013OCT23_C_SolvA_13			#DIV/0!
47	2013OCT23_C_SolvA_14			#DIV/0!
48	2013OCT23_C_QC_Std25_1	6.15	370473.063	#DIV/0!
49	2013OCT23_C_SolvA_15			#DIV/0!
50	2013OCT23_C_SolvA_16			#DIV/0!
51	2013OCT23_C_50BridgeFurtherPt_1	6.19	361093.781	#DIV/0!
52	2013OCT23_C_50BridgeFurtherPt_2	6.18	345095.844	#DIV/0!
53	2013OCT23_C_50BridgeFurtherPt_3	6.16	343127.938	#DIV/0!
54	2013OCT23_C_SolvA_17			#DIV/0!
55	2013OCT23_C_SolvA_18			#DIV/0!
56	2013OCT23_C_PrestonLn_1	6.18	351896.25	#DIV/0!
57	2013OCT23_C_PrestonLn_2	6.18	341684.125	#DIV/0!
58	2013OCT23_C_PrestonLn_3	6.16	344590.375	#DIV/0!
59	2013OCT23_C_SolvA_19			#DIV/0!
60	2013OCT23_C_SolvA_20			#DIV/0!
61	2013OCT23_C_FrazierPt_1	6.17	315109	#DIV/0!
62	2013OCT23_C_FrazierPt_2	6.18	315868.469	#DIV/0!
63	2013OCT23_C_FrazierPt_3	6.18	309758.688	#DIV/0!
64	2013OCT23_C_SolvA_21			#DIV/0!
65	2013OCT23_C_SolvA_22			#DIV/0!
66	2013OCT23_C_SwingBridge_1	6.18	353688.375	#DIV/0!
67	2013OCT23_C_SwingBridge_2	6.18	342513	#DIV/0!
68	2013OCT23_C_SwingBridge_3	6.19	331137.188	#DIV/0!
69	2013OCT23_C_SolvA_23			#DIV/0!
70	2013OCT23_C_SolvA_24			#DIV/0!
71	2013OCT23_C_KingstonLn1_1	6.19	322962.406	#DIV/0!
72	2013OCT23_C_KingstonLn1_2	6.19	310797.813	#DIV/0!
73	2013OCT23_C_KingstonLn1_3	6.19	310392.531	#DIV/0!
74	2013OCT23_C_SolvA_25			#DIV/0!
75	2013OCT23_C_SolvA_26			#DIV/0!
76	2013OCT23_C_QC_Std25_2	6.19	353315.969	#DIV/0!
77	2013OCT23_C_SolvA_27			#DIV/0!
78	2013OCT23_C_SolvA_28			#DIV/0!
79	2013OCT23_C_KingstonLn2_1	6.19	365024.906	#DIV/0!
80	2013OCT23_C_KingstonLn2_2	6.18	361314.469	#DIV/0!
81	2013OCT23_C_KingstonLn2_3	6.18	356123.906	#DIV/0!
82	2013OCT23_C_SolvA_29			#DIV/0!
83	2013OCT23_C_SolvA_30			#DIV/0!
84	2013OCT23_C_Cordova_1	6.19	328366.156	#DIV/0!
85	2013OCT23_C_Cordova_2	6.19	315661.031	#DIV/0!
86	2013OCT23_C_Cordova_3	6.18	309353.594	#DIV/0!
87	2013OCT23_C_SolvA_31			#DIV/0!
88	2013OCT23_C_SolvA_32			#DIV/0!
89	2013OCT23_C_Tuckahoe1_1	6.18	378863.594	#DIV/0!
90	2013OCT23_C_Tuckahoe1_2	6.18	364555.125	#DIV/0!

91	2013OCT23_C_Tuckahoe1_3			6.18	362309.438	#DIV/0!
92	2013OCT23_C_SolvA_33					#DIV/0!
93	2013OCT23_C_SolvA_34					#DIV/0!
94	2013OCT23_C_Tuckahoe2_1			6.17	352532.594	#DIV/0!
95	2013OCT23_C_Tuckahoe2_2			6.16	341376.594	#DIV/0!
96	2013OCT23_C_Tuckahoe2_3			6.16	342644.938	#DIV/0!
97	2013OCT23_C_SolvA_35					#DIV/0!
98	2013OCT23_C_SolvA_36					#DIV/0!
99	2013OCT23_C_GermanBranch_1			6.16	344275.656	#DIV/0!
100	2013OCT23_C_GermanBranch_2			6.16	326963.781	#DIV/0!
101	2013OCT23_C_GermanBranch_3			6.16	330990.406	#DIV/0!
102	2013OCT23_C_SolvA_37					#DIV/0!
103	2013OCT23_C_SolvA_38					#DIV/0!
104	2013OCT23_C_QC_Std25_3			6.18	362283.469	#DIV/0!
105	2013OCT23_C_SolvA_39					#DIV/0!
106	2013OCT23_C_SolvA_40					#DIV/0!
107	2013OCT23_C_Greensboro1_1			6.17	389972.781	#DIV/0!
108	2013OCT23_C_Greensboro1_2			6.17	375880.625	#DIV/0!
109	2013OCT23_C_Greensboro1_3			6.17	376785.469	#DIV/0!
110	2013OCT23_C_SolvA_41					#DIV/0!
111	2013OCT23_C_SolvA_42					#DIV/0!
112	2013OCT23_C_Greensboro2_1			6.18	337698.156	#DIV/0!
113	2013OCT23_C_Greensboro2_2			6.16	322775.656	#DIV/0!
114	2013OCT23_C_Greensboro2_3			6.18	330919.25	#DIV/0!
115	2013OCT23_C_SolvA_43					#DIV/0!
116	2013OCT23_C_SolvA_44					#DIV/0!
117	2013OCT23_C_BeaverDam_1			6.2	350278.469	#DIV/0!
118	2013OCT23_C_BeaverDam_2			6.2	328425.25	#DIV/0!
119	2013OCT23_C_BeaverDam_3			6.18	338167.594	#DIV/0!
120	2013OCT23_C_SolvA_45					#DIV/0!
121	2013OCT23_C_SolvA_46					#DIV/0!
122	2013OCT23_C_LongMarsh_1			6.16	339681.875	#DIV/0!
123	2013OCT23_C_LongMarsh_2			6.17	329104.094	#DIV/0!
124	2013OCT23_C_LongMarsh_3			6.17	321515.219	#DIV/0!
125	2013OCT23_C_SolvA_47					#DIV/0!
126	2013OCT23_C_SolvA_48					#DIV/0!
127	2013OCT23_C_0-01_Std_2	Standard	0.01	6.18	357191.5	#DIV/0!
128	2013OCT23_C_0-05_Std_2	Standard	0.05	6.19	328505.781	#DIV/0!
129	2013OCT23_C_0-1_Std_2	Standard	0.1	6.18	366646.469	#DIV/0!
130	2013OCT23_C_0-5_Std_2	Standard	0.5	6.16	343783.188	#DIV/0!
131	2013OCT23_C_1_Std_2	Standard	1	6.16	363371.969	#DIV/0!
132	2013OCT23_C_5_Std_2	Standard	5	6.18	362730.281	#DIV/0!
133	2013OCT23_C_10_Std_2	Standard	10	6.18	343994.344	#DIV/0!
134	2013OCT23_C_25_Std_2	Standard	25	6.18	342921.063	#DIV/0!
135	2013OCT23_C_50_Std_2	Standard	50	6.18	344697.781	#DIV/0!
136	2013OCT23_C_100_Std_2	Standard	100	6.19	310945.063	#DIV/0!

137	2013OCT23_C_200_Stds_2	Standard	200	6.19	323051.344			#DIV/0!		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2							#DIV/0!		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53							#DIV/0!		

Compound 22: AlachlorESA

					m/z 80	m/z 160	m/z 121	**Ident'd?**	**yes=1,no=0** **Calc'd**	**Conc. (ng/g)** **%diff**
	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk							0		
3	2013OCT23_C_Travel Blk				0.289			0		
4	2013OCT23_C_0-01_Std	Standard	0.01					0	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05					0	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1	5.12		117.556	718.566	0	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5	5.08	4609.065	387.99	2913.992	1	1.1	6%
8	2013OCT23_C_1_Std	Standard	1	5.07	9587.429	967.55	6834.971	1	2.2	10%
9	2013OCT23_C_5_Std	Standard	5	5.09	51041.543	4899.927	31658.396	1	11.7	17%
10	2013OCT23_C_10_Std	Standard	10	5.1	89212.898	9219.54	60326.953	1	20.5	2%
11	2013OCT23_C_25_Std	Standard	25	5.1	240251.234	24603.807	169479.547	1	55.1	10%
12	2013OCT23_C_50_Std	Standard	50	5.1	438127.844	45842.707	324316.5	1	100.5	1%
13	2013OCT23_C_100_Std	Standard	100	5.09	898865.875	94181.883	605796.938	1	206.3	3%
14	2013OCT23_C_200_Stds	Standard	200	5.08	1678722.75	191287.719	1174133.375	1	385.2	-4%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.00	-100%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.3	-87%
18	2013OCT23_C_SolvA_4						2.33	#DIV/0!	1.2	20%
19	2013OCT23_C_MM_0			5.09	162789.359	18204.809	110589.766	1	2.4	19%
20	2013OCT23_C_MM_1			5.09	151486.313	17488.18	108179.086	1	11.8	18%
21	2013OCT23_C_MM_5			5.09	203076.234	23244.906	144819.141	1	22.5	12%
22	2013OCT23_C_MM_10			5.1	289308.281	31100.932	204647.125	1	56.8	14%
23	2013OCT23_C_MM_25			5.08	406352.438	43510.359	279445.531	1	104.4	4%
24	2013OCT23_C_MM_50			5.07	601126.813	70196.836	419526.156	1	205.6	3%
25	2013OCT23_C_MM_100			5.08	1093050	129682.508	786394.188	1	405.9	1%
26	2013OCT23_C_SolvA_5							#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6							#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1			5.08	49095.578	5408.989	33352.219	1	**112.66**	**106.23**
29	2013OCT23_C_NOAA_2			5.08	45753.648	4889.403	31982.74	1	**104.99**	**98.99**
30	2013OCT23_C_NOAA_3			5.09	44271.148	5168.467	30735.832	1	**101.59**	**95.79**
31	2013OCT23_C_SolvA_7							#DIV/0!		
32	2013OCT23_C_SolvA_8				27.284		52.226	0		
33	2013OCT23_C_HornPt_1			5.09	60247.438	7232.138	41332.895	1	**138.25**	**130.35**
34	2013OCT23_C_HornPt_2			5.06	59220.484	6490.509	40080.051	1	**135.89**	**128.13**
35	2013OCT23_C_HornPt_3			5.09	56256.535	6590.95	38809.414	1	**129.09**	**121.72**
36	2013OCT23_C_SolvA_9						0.045	#DIV/0!		

37	2013OCT23_C_SolvA_10					#DIV/0!		
38	2013OCT23_C_50Bridge1_1	5.08	84773.773	8591.895	59018.16	1	**194.53**	**183.42**
39	2013OCT23_C_50Bridge1_2	5.07	87649.625	9376.106	59540.227	1	**201.13**	**189.64**
40	2013OCT23_C_50Bridge1_3	5.08	83786.078	8859.703	58328.289	1	**192.26**	**181.28**
41	2013OCT23_C_SolvA_11					#DIV/0!		
42	2013OCT23_C_SolvA_12					#DIV/0!		
43	2013OCT23_C_50Bridge2_1	5.07	73444.391	7407.675	50553.219	1	**168.53**	**158.91**
44	2013OCT23_C_50Bridge2_2	5.08	71893.195	7023.561	50704.324	1	**164.97**	**155.55**
45	2013OCT23_C_50Bridge2_3	5.09	71176.594	7339.754	49181.492	1	**163.33**	**154.00**
46	2013OCT23_C_SolvA_13	4.96	102.996	6.03	14.483	0		
47	2013OCT23_C_SolvA_14	5.07		0.002		#DIV/0!		
48	2013OCT23_C_QC_Std25_1	5.08	225343.031	24833.656	159098.281	1	**517.09**	**487.56**
49	2013OCT23_C_SolvA_15					#DIV/0!		
50	2013OCT23_C_SolvA_16	5.06		30.576	9.247	#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	5.1	80431.297	8735.832	54494.539	1	**184.56**	**174.03**
52	2013OCT23_C_50BridgeFurtherPt_2	5.09	74531.273	8391.967	49707.555	1	**171.02**	**161.26**
53	2013OCT23_C_50BridgeFurtherPt_3	5.08	74813.25	8752.622	51918.531	1	**171.67**	**161.87**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1	5.08	183758.719	19223.377	127111.57	1	**421.66**	**397.59**
57	2013OCT23_C_PrestonLn_2	5.09	170454.453	17886.65	122471.836	1	**391.14**	**368.80**
58	2013OCT23_C_PrestonLn_3	5.08	168181.047	19259.641	113214.969	1	**385.92**	**363.89**
59	2013OCT23_C_SolvA_19		9.857		11.568	0		
60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1	5.09	104618.977	11335.918	71482.5	1	**240.07**	**226.36**
62	2013OCT23_C_FrazierPt_2	5.09	97364.234	10853.979	68284.945	1	**223.42**	**210.66**
63	2013OCT23_C_FrazierPt_3	5.09	101028.438	10996.79	66221.75	1	**231.83**	**218.59**
64	2013OCT23_C_SolvA_21					#DIV/0!		
65	2013OCT23_C_SolvA_22					#DIV/0!		
66	2013OCT23_C_SwingBridge_1	5.09	108470.664	10835.085	67043.773	1	**248.90**	**234.69**
67	2013OCT23_C_SwingBridge_2	5.09	102057.883	10575.681	68051.438	1	**234.19**	**220.82**
68	2013OCT23_C_SwingBridge_3	5.1	102831.75	10691.91	68609.109	1	**235.96**	**222.49**
69	2013OCT23_C_SolvA_23					#DIV/0!		
70	2013OCT23_C_SolvA_24				15.724	#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	5.1	96048.641	10293.86	63637.145	1	**220.40**	**207.82**
72	2013OCT23_C_KingstonLn1_2	5.1	95209.969	9209.655	61420.965	1	**218.47**	**206.00**
73	2013OCT23_C_KingstonLn1_3	5.1	89757.992	9860.28	61396.16	1	**205.96**	**194.21**
74	2013OCT23_C_SolvA_25					#DIV/0!		
75	2013OCT23_C_SolvA_26					#DIV/0!		
76	2013OCT23_C_QC_Std25_2	5.11	227398.391	24461.609	159335.281	1	**521.80**	**492.01**
77	2013OCT23_C_SolvA_27					#DIV/0!		
78	2013OCT23_C_SolvA_28					#DIV/0!		
79	2013OCT23_C_KingstonLn2_1	5.11	114867.883	11673.763	74749.766	1	**263.58**	**248.53**
80	2013OCT23_C_KingstonLn2_2	5.09	105225.477	11013.405	72267.867	1	**241.46**	**227.67**
81	2013OCT23_C_KingstonLn2_3	5.1	106958.555	10558.438	73050.906	1	**245.43**	**231.42**

82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30		55.571			#DIV/0!		
84	2013OCT23_C_Cordova_1	5.1	403649.156	31065.686	268144.719	1	**926.24**	**873.36**
85	2013OCT23_C_Cordova_2	5.12	370078	32091.297	259600.531	1	**849.20**	**800.72**
86	2013OCT23_C_Cordova_3	5.1	383266.875	30499.844	262793.594	1	**879.47**	**829.26**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32				22.41	#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1	5.1	252582.922	29344.707	170165.328	1	**579.59**	**546.50**
90	2013OCT23_C_Tuckahoe1_2	5.1	251170.328	28423.367	167101.297	1	**576.35**	**543.45**
91	2013OCT23_C_Tuckahoe1_3	5.11	252543.953	30122.342	163958.734	1	**579.50**	**546.42**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34					#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	5.1	234530.953	26273.533	162546.641	1	**538.17**	**507.44**
95	2013OCT23_C_Tuckahoe2_2	5.09	237089.906	26593.197	158387.656	1	**544.04**	**512.98**
96	2013OCT23_C_Tuckahoe2_3	5.1	234917.141	26356.299	166396.922	1	**539.06**	**508.28**
97	2013OCT23_C_SolvA_35					#DIV/0!		
98	2013OCT23_C_SolvA_36					#DIV/0!		
99	2013OCT23_C_GermanBranch_1	5.1	232815.438	27672.75	165195.047	1	**534.23**	**503.73**
100	2013OCT23_C_GermanBranch_2	5.09	245878.391	27712.564	162248.891	1	**564.21**	**532.00**
101	2013OCT23_C_GermanBranch_3	5.09	247646.375	27508.662	162590.453	1	**568.26**	**535.82**
102	2013OCT23_C_SolvA_37					#DIV/0!		
103	2013OCT23_C_SolvA_38		1.791			#DIV/0!		
104	2013OCT23_C_QC_Std25_3	5.11	242320.625	26425.295	170826.766	1	**556.04**	**524.30**
105	2013OCT23_C_SolvA_39					#DIV/0!		
106	2013OCT23_C_SolvA_40				53.306	#DIV/0!		
107	2013OCT23_C_Greensboro1_1	5.1	174100.984	20695.861	118398.008	1	**399.50**	**376.69**
108	2013OCT23_C_Greensboro1_2	5.1	176107.344	19973.732	113066.945	1	**404.11**	**381.04**
109	2013OCT23_C_Greensboro1_3	5.09	175693.922	19591.166	118353.359	1	**403.16**	**380.14**
110	2013OCT23_C_SolvA_41		24.375			#DIV/0!		
111	2013OCT23_C_SolvA_42					#DIV/0!		
112	2013OCT23_C_Greensboro2_1	5.11	145064.156	17849.1	100913.156	1	**332.87**	**313.87**
113	2013OCT23_C_Greensboro2_2	5.1	144757.438	17313.232	100175.484	1	**332.17**	**313.20**
114	2013OCT23_C_Greensboro2_3	5.11	148981.656	17890.336	99239.398	1	**341.86**	**322.34**
115	2013OCT23_C_SolvA_43					#DIV/0!		
116	2013OCT23_C_SolvA_44		23.224		17.855	0		
117	2013OCT23_C_BeaverDam_1	5.12	281448.406	37003.211	188189.094	1	**645.83**	**608.96**
118	2013OCT23_C_BeaverDam_2	5.12	276016.469	36236.117	182151.516	1	**633.36**	**597.20**
119	2013OCT23_C_BeaverDam_3	5.11	281587.781	36685.648	203432.063	1	**646.15**	**609.26**
120	2013OCT23_C_SolvA_45					#DIV/0!		
121	2013OCT23_C_SolvA_46		11.422			#DIV/0!		
122	2013OCT23_C_LongMarsh_1	5.1	155445.125	21016.486	103608.375	1	**356.69**	**336.33**
123	2013OCT23_C_LongMarsh_2	5.1	155586.984	21293.318	103969.242	1	**357.02**	**336.64**
124	2013OCT23_C_LongMarsh_3	5.1	155002.141	21270.332	103292.742	1	**355.68**	**335.37**
125	2013OCT23_C_SolvA_47					#DIV/0!		
126	2013OCT23_C_SolvA_48				1.634	#DIV/0!		

127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!
128	2013OCT23_C_0-05_Std_2	Standard	0.05				9.039	#DIV/0!
129	2013OCT23_C_0-1_Std_2	Standard	0.1		1167.896		526.527	0
130	2013OCT23_C_0-5_Std_2	Standard	0.5	5.1	5231.982	563.734	3435.434	1
131	2013OCT23_C_1_Std_2	Standard	1	5.08	10349.129	1176.002	7026.393	1
132	2013OCT23_C_5_Std_2	Standard	5	5.11	51254.418	5012.7	35098.637	1
133	2013OCT23_C_10_Std_2	Standard	10	5.12	98013.234	10135.116	66579.508	1
134	2013OCT23_C_25_Std_2	Standard	25	5.11	247551.625	25008.25	170258.297	1
135	2013OCT23_C_50_Std_2	Standard	50	5.12	455121.438	46464.688	305670.813	1
136	2013OCT23_C_100_Std_2	Standard	100	5.12	896119.875	93316.82	610547.125	1
137	2013OCT23_C_200_Stds_2	Standard	200	5.12	1768873.25	188035.406	1248241.25	1
138	2013OCT23_C_SolvA_49							#DIV/0!
139	2013OCT23_C_Surrogate_2				5.721		13.089	0
140	2013OCT23_C_SolvA_50							#DIV/0!
141	2013OCT23_C_SolvA_51							#DIV/0!
142	2013OCT23_C_SolvA_52							#DIV/0!
143	2013OCT23_C_SolvA_53				6.37			#DIV/0!

Compound 24: Metolachlor ESA

									yes=1,no=0	Conc. (ng/g)
								Ident'd?	**Calc'd**	**%diff**
	Name	Type	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT23_SolvA_1							0		
2	2013OCT23_C_Lab Blk			5.39	289.471	17.58	8.413	0		
3	2013OCT23_C_Travel Blk			5.39	191.565	195.186	44.582	1		
4	2013OCT23_C_0-01_Std	Standard	0.01	5.38	105.39	163.513		0	0.02	98%
5	2013OCT23_C_0-05_Std	Standard	0.05	5.4	209.426	168.39		0	0.04	-21%
6	2013OCT23_C_0-1_Std	Standard	0.1	5.4	565.768	496.772	22.007	1	0.11	7%
7	2013OCT23_C_0-5_Std	Standard	0.5	5.39	3325.528	1634.709	234.429	1	0.6	25%
8	2013OCT23_C_1_Std	Standard	1	5.38	5823.056	4083.771	522.143	1	1.1	10%
9	2013OCT23_C_5_Std	Standard	5	5.38	30094.078	21168.262	3022.734	1	5.7	13%
10	2013OCT23_C_10_Std	Standard	10	5.39	57311.133	41115.07	6986.698	1	10.8	8%
11	2013OCT23_C_25_Std	Standard	25	5.39	146963.719	103046.43	13774.608	1	27.7	11%
12	2013OCT23_C_50_Std	Standard	50	5.39	276672.188	195630.344	27723.939	1	52.1	4%
13	2013OCT23_C_100_Std	Standard	100	5.38	562603.188	388340	58650.465	1	106.0	6%
14	2013OCT23_C_200_Stds	Standard	200	5.37	1110106.75	741047.875	118392.609	1	209.1	5%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1			5.39	62.417	5.31	0.294	1	0.07	47%
17	2013OCT23_C_SolvA_3							#DIV/0!	0.1	-18%
18	2013OCT23_C_SolvA_4			5.4	37.953	4.966	0.487	1	0.6	14%
19	2013OCT23_C_MM_0			5.36	1703244.875	1104707.125	173847.844	1	1.0	4%
20	2013OCT23_C_MM_1			5.37	1487637.5	956426.25	150440.641	1	4.7	-7%
21	2013OCT23_C_MM_5			5.37	1607387.625	1056007.25	167430.109	1	9.7	-3%
22	2013OCT23_C_MM_10			5.38	1920058.5	1248823.375	204103.375	1	23.9	-4%
23	2013OCT23_C_MM_25			5.36	1784199.25	1141091	186792.25	1	43.2	-14%
24	2013OCT23_C_MM_50			5.36	1934610.625	1247028.75	202545.359	1	87.7	-12%
25	2013OCT23_C_MM_100			5.36	2408446.75	1628410	256248.375	1	179.2	-10%
26	2013OCT23_C_SolvA_5							#DIV/0!	**Forced (0,0)**	**MM**

27	2013OCT23_C_SolvA_6					#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1	5.38	353342.406	237876.5	36736.168	1	**665.50**	**547.07**
29	2013OCT23_C_NOAA_2	5.37	350392.531	240195.641	36081.727	1	**659.94**	**542.50**
30	2013OCT23_C_NOAA_3	5.38	337446.875	240498.969	34840.773	1	**635.56**	**522.46**
31	2013OCT23_C_SolvA_7	5.37	154.739	29.134	1.55	1		
32	2013OCT23_C_SolvA_8	5.39	30.479	59.852		0		
33	2013OCT23_C_HornPt_1	5.38	438674.125	297210	51030.773	1	**826.21**	**679.19**
34	2013OCT23_C_HornPt_2	5.36	442645.125	307231.531	46455.957	1	**833.69**	**685.34**
35	2013OCT23_C_HornPt_3	5.37	431348.875	295851.156	45338.328	1	**812.42**	**667.85**
36	2013OCT23_C_SolvA_9	5.39	30.477	51.473	6.873	1		
37	2013OCT23_C_SolvA_10	5.38	9.978	33.906	12.194	0		
38	2013OCT23_C_50Bridge1_1	5.36	641020.438	440763	66550.563	1	**1207.32**	**992.48**
39	2013OCT23_C_50Bridge1_2	5.36	630949.313	425592.625	67157.969	1	**1188.35**	**976.88**
40	2013OCT23_C_50Bridge1_3	5.37	630966.188	423949.75	68259.258	1	**1188.38**	**976.91**
41	2013OCT23_C_SolvA_11	5.34	71.573	4.994		0		
42	2013OCT23_C_SolvA_12	5.39	204.905	26.916	0.973	1		
43	2013OCT23_C_50Bridge2_1	5.37	543302.375	376041.5	54440.988	1	**1023.27**	**841.18**
44	2013OCT23_C_50Bridge2_2	5.36	538354.375	365990.656	56217.781	1	**1013.95**	**833.52**
45	2013OCT23_C_50Bridge2_3	5.37	543412.875	359425.438	53702.766	1	**1023.48**	**841.35**
46	2013OCT23_C_SolvA_13	5.42	1.639	25.269		0		
47	2013OCT23_C_SolvA_14	5.31	39.917	3.631	0.231	1		
48	2013OCT23_C_QC_Std25_1	5.38	153330.109	104498.086	14434.023	1	**288.79**	**237.40**
49	2013OCT23_C_SolvA_15					#DIV/0!		
50	2013OCT23_C_SolvA_16	5.36	183.035	238.64	0.439	1		
51	2013OCT23_C_50BridgeFurtherPt_1	5.39	583403.688	398645.344	62040.098	1	**1098.80**	**903.27**
52	2013OCT23_C_50BridgeFurtherPt_2	5.38	592852.625	409741.469	60106.035	1	**1116.60**	**917.90**
53	2013OCT23_C_50BridgeFurtherPt_3	5.37	605317.688	403436.813	65687.023	1	**1140.07**	**937.20**
54	2013OCT23_C_SolvA_17					#DIV/0!		
55	2013OCT23_C_SolvA_18					#DIV/0!		
56	2013OCT23_C_PrestonLn_1	5.37	1068558	688656	109603.461	1	**2012.55**	**1654.42**
57	2013OCT23_C_PrestonLn_2	5.37	1050359.625	688369.688	115126.805	1	**1978.28**	**1626.25**
58	2013OCT23_C_PrestonLn_3	5.36	1070228.5	697082.125	110593.609	1	**2015.70**	**1657.01**
59	2013OCT23_C_SolvA_19	5.45	85.892	32.171	0.341	1		
60	2013OCT23_C_SolvA_20					#DIV/0!		
61	2013OCT23_C_FrazierPt_1	5.37	888031.438	595942.625	93208.063	1	**1672.54**	**1374.92**
62	2013OCT23_C_FrazierPt_2	5.38	863777.563	572955.813	89184.117	1	**1626.86**	**1337.37**
63	2013OCT23_C_FrazierPt_3	5.38	866013.125	576612.813	89714.953	1	**1631.07**	**1340.83**
64	2013OCT23_C_SolvA_21	5.37	60.382	3.808	0.337	1		
65	2013OCT23_C_SolvA_22	5.47	9.707	47.047		0		
66	2013OCT23_C_SwingBridge_1	5.37	862403.25	572342.438	91864.898	1	**1624.28**	**1335.24**
67	2013OCT23_C_SwingBridge_2	5.38	857571.313	558502.75	86359.141	1	**1615.17**	**1327.76**
68	2013OCT23_C_SwingBridge_3	5.38	817860.25	548929.125	86569.516	1	**1540.38**	**1266.27**
69	2013OCT23_C_SolvA_23	5.38	229.509		0.951	#DIV/0!		
70	2013OCT23_C_SolvA_24	5.38	42.873	120.351		0		
71	2013OCT23_C_KingstonLn1_1	5.39	760410.5	515255.625	79803.008	1	**1432.18**	**1177.32**

72	2013OCT23_C_KingstonLn1_2	5.39	753094.625	509930.156	73646.836	1	**1418.40**	**1166.00**
73	2013OCT23_C_KingstonLn1_3	5.39	765980	509184.344	78019.984	1	**1442.67**	**1185.95**
74	2013OCT23_C_SolvA_25	5.4	16.771	30.74	9.162	0		
75	2013OCT23_C_SolvA_26	5.4	8.176		3.85	#DIV/0!		
76	2013OCT23_C_QC_Std25_2	5.4	127098.68	93553.219	11951.637	1	**239.38**	**196.78**
77	2013OCT23_C_SolvA_27	5.41	22.432			#DIV/0!		
78	2013OCT23_C_SolvA_28	5.44	39.76	0.869	0.739	0		
79	2013OCT23_C_KingstonLn2_1	5.39	912069.625	598721.688	93580.766	1	**1717.82**	**1412.13**
80	2013OCT23_C_KingstonLn2_2	5.38	897734.813	593684	89973.805	1	**1690.82**	**1389.94**
81	2013OCT23_C_KingstonLn2_3	5.38	902101.063	604020.438	91358.313	1	**1699.04**	**1396.70**
82	2013OCT23_C_SolvA_29					#DIV/0!		
83	2013OCT23_C_SolvA_30	5.39	4.396	2.829	7.488	0		
84	2013OCT23_C_Cordova_1	5.38	3105429.75	2078307	326389.625	1	**5848.86**	**4808.06**
85	2013OCT23_C_Cordova_2	5.39	2994766.75	2018976.25	317272.75	1	**5640.43**	**4636.72**
86	2013OCT23_C_Cordova_3	5.38	3071763	2056785.625	316518	1	**5785.45**	**4755.93**
87	2013OCT23_C_SolvA_31					#DIV/0!		
88	2013OCT23_C_SolvA_32	5.39	130.608	8.781	3.348	0		
89	2013OCT23_C_Tuckahoe1_1	5.38	2617491	1710035.875	268382.625	1	**4929.86**	**4052.60**
90	2013OCT23_C_Tuckahoe1_2	5.38	2536578	1699205.875	264522.313	1	**4777.47**	**3927.32**
91	2013OCT23_C_Tuckahoe1_3	5.38	2538942.75	1694223.875	261701.109	1	**4781.92**	**3930.98**
92	2013OCT23_C_SolvA_33					#DIV/0!		
93	2013OCT23_C_SolvA_34	5.45	39.291		0.797	#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	5.37	2484427.5	1635726.125	252296.906	1	**4679.24**	**3846.58**
95	2013OCT23_C_Tuckahoe2_2	5.37	2459050.25	1627290.5	252530.406	1	**4631.45**	**3807.29**
96	2013OCT23_C_Tuckahoe2_3	5.37	2424573	1620997.875	249271.438	1	**4566.51**	**3753.91**
97	2013OCT23_C_SolvA_35	5.42	33.652		2.333	#DIV/0!		
98	2013OCT23_C_SolvA_36	5.36	118.716		0.626	#DIV/0!		
99	2013OCT23_C_GermanBranch_1	5.37	2378315.5	1517050.375	241403.906	1	**4479.39**	**3682.29**
100	2013OCT23_C_GermanBranch_2	5.37	2306184.5	1552230.25	243451.578	1	**4343.54**	**3570.61**
101	2013OCT23_C_GermanBranch_3	5.37	2300141.5	1551623.625	237783.484	1	**4332.15**	**3561.25**
102	2013OCT23_C_SolvA_37					#DIV/0!		
103	2013OCT23_C_SolvA_38	5.34	131.996	144.395	8.478	1		
104	2013OCT23_C_QC_Std25_3	5.4	134761.891	99681.438	13351.635	1	**253.81**	**208.65**
105	2013OCT23_C_SolvA_39	5.42	3.466	105.515	0.384	1		
106	2013OCT23_C_SolvA_40	5.4	58.716	98.628	1.257	1		
107	2013OCT23_C_Greensboro1_1	5.38	1440251.875	935161.625	145038.188	1	**2712.61**	**2229.91**
108	2013OCT23_C_Greensboro1_2	5.38	1421438.5	927743.75	143640.75	1	**2677.18**	**2200.78**
109	2013OCT23_C_Greensboro1_3	5.38	1422949.125	942986.625	147631.734	1	**2680.02**	**2203.12**
110	2013OCT23_C_SolvA_41	5.4	137.173	2.307	1.14	0		
111	2013OCT23_C_SolvA_42					#DIV/0!		
112	2013OCT23_C_Greensboro2_1	5.39	1261168.375	810525.563	123608.906	1	**2375.32**	**1952.64**
113	2013OCT23_C_Greensboro2_2	5.37	1206492.25	799681.688	121939.961	1	**2272.34**	**1867.98**
114	2013OCT23_C_Greensboro2_3	5.39	1186626.25	782945.938	123809.023	1	**2234.93**	**1837.22**
115	2013OCT23_C_SolvA_43	5.34	158.536	177.006	1.413	1		
116	2013OCT23_C_SolvA_44					#DIV/0!		

117	2013OCT23_C_BeaverDam_1			5.4	3098158	2107996.25	322505.344	1	**5835.16**	**4796.80**
118	2013OCT23_C_BeaverDam_2			5.4	3056524	2115527.25	324149.25	1	**5756.75**	**4732.34**
119	2013OCT23_C_BeaverDam_3			5.38	3228033.25	2178374.5	335265.563	1	**6079.77**	**4997.88**
120	2013OCT23_C_SolvA_45							#DIV/0!		
121	2013OCT23_C_SolvA_46			5.45	86.192			#DIV/0!		
122	2013OCT23_C_LongMarsh_1			5.37	2632159	1762214	279396.25	1	**4957.49**	**4075.31**
123	2013OCT23_C_LongMarsh_2			5.37	2561736.25	1721430	263151.594	1	**4824.85**	**3966.27**
124	2013OCT23_C_LongMarsh_3			5.38	2539929.75	1714355.625	257055.969	1	**4783.78**	**3932.51**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48			5.4	299.304		0.257	#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05	5.41	391.278	282.654	30.617	1		
129	2013OCT23_C_0-1_Std_2	Standard	0.1	5.41	434.987	428.249	0.003	1		
130	2013OCT23_C_0-5_Std_2	Standard	0.5	5.4	3039.036	1497.961	248.747	1		
131	2013OCT23_C_1_Std_2	Standard	1	5.4	5533.523	4218.774	794.678	1		
132	2013OCT23_C_5_Std_2	Standard	5	5.4	24785.371	19148.51	2052.06	1		
133	2013OCT23_C_10_Std_2	Standard	10	5.41	51281.688	37476.141	4600.724	1		
134	2013OCT23_C_25_Std_2	Standard	25	5.41	127045.461	93384.617	12487.127	1		
135	2013OCT23_C_50_Std_2	Standard	50	5.41	229380.406	168364.313	25383.617	1		
136	2013OCT23_C_100_Std_2	Standard	100	5.41	465600.156	324420.344	47335.367	1		
137	2013OCT23_C_200_Stds_2	Standard	200	5.41	951256.25	658245.938	97724.125	1		
138	2013OCT23_C_SolvA_49							#DIV/0!		
139	2013OCT23_C_Surrogate_2			5.43	44.084	5.712	2.486	0		
140	2013OCT23_C_SolvA_50			5.43	79.627	21.799	0.948	1		
145	2013OCT25_C_500_Std	Standard	500	5.4	2788866.75	1951647.25	308554.781	1		
146	2013OCT25_C_SolvA_2							#DIV/0!		
147	2013OCT25_C_800_Std	Standard	800	5.4	4184800.25	3005405.25	465354.75	1		

Compound 25: Sucralose

	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	**Ident'd?**	**yes=1,no=0 Calc'd**	**Conc. (ng/g) %diff**
								#DIV/0!		
1	2013OCT23_SolvA_1							#DIV/0!		
2	2013OCT23_C_Lab Blk							#DIV/0!		
3	2013OCT23_C_Travel Blk					67.224		#DIV/0!		
4	2013OCT23_C_0-01_Std	Standard	0.01					#DIV/0!	0.00	-100%
5	2013OCT23_C_0-05_Std	Standard	0.05					#DIV/0!	0.00	-100%
6	2013OCT23_C_0-1_Std	Standard	0.1					#DIV/0!	0.00	-100%
7	2013OCT23_C_0-5_Std	Standard	0.5			60.208		#DIV/0!	0.0	-100%
8	2013OCT23_C_1_Std	Standard	1					#DIV/0!	0.0	-100%
9	2013OCT23_C_5_Std	Standard	5	2.23	49.287			#DIV/0!	2.6	-49%
10	2013OCT23_C_10_Std	Standard	10	2.24	114.912			#DIV/0!	6.0	-40%
11	2013OCT23_C_25_Std	Standard	25	2.24	641.814			#DIV/0!	33.4	33%
12	2013OCT23_C_50_Std	Standard	50	2.24	758.02			#DIV/0!	39.4	-21%
13	2013OCT23_C_100_Std	Standard	100	2.24	1850.436			#DIV/0!	96.2	-4%
14	2013OCT23_C_200_Stds	Standard	200	2.24	3920.628			#DIV/0!	203.8	2%
15	2013OCT23_C_SolvA_2							#DIV/0!	0.00	-100%
16	2013OCT23_C_Surrogate_1							#DIV/0!	0.00	-100%

17	2013OCT23_C_SolvA_3				#DIV/0!	0.0	-100%
18	2013OCT23_C_SolvA_4			0.731	#DIV/0!	0.0	-100%
19	2013OCT23_C_MM_0	2.24	382.205		#DIV/0!	0.0	-100%
20	2013OCT23_C_MM_1	2.26	234.417	0.083	#DIV/0!	0.0	-100%
21	2013OCT23_C_MM_5	2.23	376.382		#DIV/0!	3.5	-65%
22	2013OCT23_C_MM_10	2.24	448.153		#DIV/0!	13.7	-45%
23	2013OCT23_C_MM_25	2.24	815.937		#DIV/0!	29.9	-40%
24	2013OCT23_C_MM_50	2.24	1294.197	435.174	#DIV/0!	68.8	-31%
25	2013OCT23_C_MM_100	2.24	3108.449	572.595	#DIV/0!	127.0	-37%
26	2013OCT23_C_SolvA_5	2.26	10.318	1.27	#DIV/0!	**Forced (0,0)**	**MM**
27	2013OCT23_C_SolvA_6				#DIV/0!	**(ng/L in sample)**	
28	2013OCT23_C_NOAA_1	2.25	770.634	312.552	#DIV/0!	**400.55**	**309.09**
29	2013OCT23_C_NOAA_2	2.24	976.554	340.701	#DIV/0!	**507.59**	**391.69**
30	2013OCT23_C_NOAA_3	2.25	865.844	406.351	#DIV/0!	**450.04**	**347.28**
31	2013OCT23_C_SolvA_7				#DIV/0!		
32	2013OCT23_C_SolvA_8				#DIV/0!		
33	2013OCT23_C_HornPt_1	2.24	761.497	504.208	#DIV/0!	**395.81**	**305.43**
34	2013OCT23_C_HornPt_2	2.24	1115.233	448.658	#DIV/0!	**579.67**	**447.31**
35	2013OCT23_C_HornPt_3	2.24	785.92	234.377	#DIV/0!	**408.50**	**315.22**
36	2013OCT23_C_SolvA_9				#DIV/0!		
37	2013OCT23_C_SolvA_10				#DIV/0!		
38	2013OCT23_C_50Bridge1_1	2.25	660.066		#DIV/0!	**343.08**	**264.75**
39	2013OCT23_C_50Bridge1_2	2.25	817.69	258.152	#DIV/0!	**425.01**	**327.97**
40	2013OCT23_C_50Bridge1_3	2.24	728.22	199.751	#DIV/0!	**378.51**	**292.08**
41	2013OCT23_C_SolvA_11				#DIV/0!		
42	2013OCT23_C_SolvA_12				#DIV/0!		
43	2013OCT23_C_50Bridge2_1	2.24	632.149	151.794	#DIV/0!	**328.57**	**253.55**
44	2013OCT23_C_50Bridge2_2	2.23	619.003	477.944	#DIV/0!	**321.74**	**248.28**
45	2013OCT23_C_50Bridge2_3	2.24	532.574	253.477	#DIV/0!	**276.82**	**213.61**
46	2013OCT23_C_SolvA_13				#DIV/0!		
47	2013OCT23_C_SolvA_14				#DIV/0!		
48	2013OCT23_C_QC_Std25_1	2.24	443.085	128.057	#DIV/0!	**230.30**	**177.72**
49	2013OCT23_C_SolvA_15				#DIV/0!		
50	2013OCT23_C_SolvA_16				#DIV/0!		
51	2013OCT23_C_50BridgeFurtherPt_1	2.24	823.804	291.831	#DIV/0!	**428.19**	**330.42**
52	2013OCT23_C_50BridgeFurtherPt_2	2.24	520.007		#DIV/0!	**270.29**	**208.57**
53	2013OCT23_C_50BridgeFurtherPt_3	2.24	881.273	70.458	#DIV/0!	**458.06**	**353.47**
54	2013OCT23_C_SolvA_17				#DIV/0!		
55	2013OCT23_C_SolvA_18				#DIV/0!		
56	2013OCT23_C_PrestonLn_1				#DIV/0!	**0.00**	**0.00**
57	2013OCT23_C_PrestonLn_2				#DIV/0!	**0.00**	**0.00**
58	2013OCT23_C_PrestonLn_3				#DIV/0!	**0.00**	**0.00**
59	2013OCT23_C_SolvA_19				#DIV/0!		
60	2013OCT23_C_SolvA_20				#DIV/0!		
61	2013OCT23_C_FrazierPt_1			106.431	#DIV/0!	**0.00**	**0.00**
62	2013OCT23_C_FrazierPt_2			24.075	#DIV/0!	**0.00**	**0.00**

63	2013OCT23_C_FrazierPt_3				#DIV/0!	**0.00**	**0.00**
64	2013OCT23_C_SolvA_21				#DIV/0!		
65	2013OCT23_C_SolvA_22				#DIV/0!		
66	2013OCT23_C_SwingBridge_1	2.24	194.403		#DIV/0!	**101.05**	**77.97**
67	2013OCT23_C_SwingBridge_2			4.394	#DIV/0!	**0.00**	**0.00**
68	2013OCT23_C_SwingBridge_3	2.23	145.569	251.002	#DIV/0!	**75.66**	**58.39**
69	2013OCT23_C_SolvA_23				#DIV/0!		
70	2013OCT23_C_SolvA_24	2.23	0.358		#DIV/0!		
71	2013OCT23_C_KingstonLn1_1	2.26	111.003	242.205	#DIV/0!	**57.70**	**44.52**
72	2013OCT23_C_KingstonLn1_2	2.2	274.007	549.316	#DIV/0!	**142.42**	**109.90**
73	2013OCT23_C_KingstonLn1_3	2.23	316.297	77.961	#DIV/0!	**164.40**	**126.86**
74	2013OCT23_C_SolvA_25			0.375	#DIV/0!		
75	2013OCT23_C_SolvA_26				#DIV/0!		
76	2013OCT23_C_QC_Std25_2	2.24	406.45	73.534	#DIV/0!	**211.26**	**163.02**
77	2013OCT23_C_SolvA_27				#DIV/0!		
78	2013OCT23_C_SolvA_28				#DIV/0!		
79	2013OCT23_C_KingstonLn2_1				#DIV/0!	**0.00**	**0.00**
80	2013OCT23_C_KingstonLn2_2				#DIV/0!	**0.00**	**0.00**
81	2013OCT23_C_KingstonLn2_3				#DIV/0!	**0.00**	**0.00**
82	2013OCT23_C_SolvA_29			0.148	#DIV/0!		
83	2013OCT23_C_SolvA_30				#DIV/0!		
84	2013OCT23_C_Cordova_1	2.24	159.285	211.851	#DIV/0!	**82.79**	**63.89**
85	2013OCT23_C_Cordova_2	2.25	290.227	331.766	#DIV/0!	**150.85**	**116.41**
86	2013OCT23_C_Cordova_3				#DIV/0!	**0.00**	**0.00**
87	2013OCT23_C_SolvA_31				#DIV/0!		
88	2013OCT23_C_SolvA_32			1.347	#DIV/0!		
89	2013OCT23_C_Tuckahoe1_1			556.378	#DIV/0!	**0.00**	**0.00**
90	2013OCT23_C_Tuckahoe1_2				#DIV/0!	**0.00**	**0.00**
91	2013OCT23_C_Tuckahoe1_3				#DIV/0!	**0.00**	**0.00**
92	2013OCT23_C_SolvA_33			0.78	#DIV/0!		
93	2013OCT23_C_SolvA_34	2.2	0.729	0.757	#DIV/0!		
94	2013OCT23_C_Tuckahoe2_1	2.26	100.277	314.03	#DIV/0!	**52.12**	**40.22**
95	2013OCT23_C_Tuckahoe2_2	2.24	151.504	212.348	#DIV/0!	**78.75**	**60.77**
96	2013OCT23_C_Tuckahoe2_3			14.751	#DIV/0!	**0.00**	**0.00**
97	2013OCT23_C_SolvA_35				#DIV/0!		
98	2013OCT23_C_SolvA_36				#DIV/0!		
99	2013OCT23_C_GermanBranch_1	2.22	216.905	521.901	#DIV/0!	**112.74**	**87.00**
100	2013OCT23_C_GermanBranch_2	2.23	302.082	238.654	#DIV/0!	**157.01**	**121.16**
101	2013OCT23_C_GermanBranch_3	2.26	135.729	502.844	#DIV/0!	**70.55**	**54.44**
102	2013OCT23_C_SolvA_37				#DIV/0!		
103	2013OCT23_C_SolvA_38			0.143	#DIV/0!		
104	2013OCT23_C_QC_Std25_3	2.24	548.424	242.324	#DIV/0!	**285.06**	**219.97**
105	2013OCT23_C_SolvA_39				#DIV/0!		
106	2013OCT23_C_SolvA_40				#DIV/0!		
107	2013OCT23_C_Greensboro1_1	2.26	311.906	577.305	#DIV/0!	**162.12**	**125.10**

108	2013OCT23_C_Greensboro1_2			2.25	367.567	286.683		#DIV/0!	**191.05**	**147.43**
109	2013OCT23_C_Greensboro1_3			2.24	316.237	633.119		#DIV/0!	**164.37**	**126.84**
110	2013OCT23_C_SolvA_41							#DIV/0!		
111	2013OCT23_C_SolvA_42							#DIV/0!		
112	2013OCT23_C_Greensboro2_1							#DIV/0!	**0.00**	**0.00**
113	2013OCT23_C_Greensboro2_2			2.26	207.262	652.748		#DIV/0!	**107.73**	**83.13**
114	2013OCT23_C_Greensboro2_3			2.25	385.695	442.596		#DIV/0!	**200.47**	**154.70**
115	2013OCT23_C_SolvA_43							#DIV/0!		
116	2013OCT23_C_SolvA_44					0.69		#DIV/0!		
117	2013OCT23_C_BeaverDam_1					246.843		#DIV/0!	**0.00**	**0.00**
118	2013OCT23_C_BeaverDam_2							#DIV/0!	**0.00**	**0.00**
119	2013OCT23_C_BeaverDam_3							#DIV/0!	**0.00**	**0.00**
120	2013OCT23_C_SolvA_45					0.326		#DIV/0!		
121	2013OCT23_C_SolvA_46							#DIV/0!		
122	2013OCT23_C_LongMarsh_1					399.417		#DIV/0!	**0.00**	**0.00**
123	2013OCT23_C_LongMarsh_2							#DIV/0!	**0.00**	**0.00**
124	2013OCT23_C_LongMarsh_3			2.26	321.684	348.705		#DIV/0!	**167.20**	**129.02**
125	2013OCT23_C_SolvA_47							#DIV/0!		
126	2013OCT23_C_SolvA_48							#DIV/0!		
127	2013OCT23_C_0-01_Std_2	Standard	0.01					#DIV/0!		
128	2013OCT23_C_0-05_Std_2	Standard	0.05					#DIV/0!		
129	2013OCT23_C_0-1_Std_2	Standard	0.1					#DIV/0!		
130	2013OCT23_C_0-5_Std_2	Standard	0.5			5.002		#DIV/0!		
131	2013OCT23_C_1_Std_2	Standard	1					#DIV/0!		
132	2013OCT23_C_5_Std_2	Standard	5			121.088		#DIV/0!		
133	2013OCT23_C_10_Std_2	Standard	10	2.25	66.814	155.736		#DIV/0!		
134	2013OCT23_C_25_Std_2	Standard	25	2.26	263.829	121.103		#DIV/0!		
135	2013OCT23_C_50_Std_2	Standard	50	2.24	575.818	282.352		#DIV/0!		
136	2013OCT23_C_100_Std_2	Standard	100	2.24	1324.225	163.781		#DIV/0!		
137	2013OCT23_C_200_Stds_2	Standard	200	2.24	2442.57	99.213		#DIV/0!		
138	2013OCT23_C_SolvA_49			2.21	1.449	2		#DIV/0!		
139	2013OCT23_C_Surrogate_2			2.29	1.571	153.868		#DIV/0!		
140	2013OCT23_C_SolvA_50							#DIV/0!		
141	2013OCT23_C_SolvA_51							#DIV/0!		
142	2013OCT23_C_SolvA_52							#DIV/0!		
143	2013OCT23_C_SolvA_53					1.101		#DIV/0!		

Compound 26: Sucralose-d6

									yes=1,no=0	
								Ident'd?		
	Name	Type	Std. Conc	RT	Area	1° Area	2° Area	#DIV/0!		
1	2013OCT23_SolvA_1							#DIV/0!		
2	2013OCT23_C_Lab Blk			2.22	2181.447			#DIV/0!	**1872**	**Avg**
3	2013OCT23_C_Travel Blk			2.22	2002.782			#DIV/0!	**19%**	**RSD**
4	2013OCT23_C_0-01_Std	Standard	0.01	2.22	1545.789			#DIV/0!		
5	2013OCT23_C_0-05_Std	Standard	0.05	2.22	2284.596			#DIV/0!		
6	2013OCT23_C_0-1_Std	Standard	0.1	2.22	2057.668			#DIV/0!		
7	2013OCT23_C_0-5_Std	Standard	0.5	2.22	2465.018			#DIV/0!		

8	2013OCT23_C_1_Std	Standard	1	2.23	1646.005	#DIV/0!
9	2013OCT23_C_5_Std	Standard	5	2.22	2317.749	#DIV/0!
10	2013OCT23_C_10_Std	Standard	10	2.23	2202.523	#DIV/0!
11	2013OCT23_C_25_Std	Standard	25	2.22	1745.842	#DIV/0!
12	2013OCT23_C_50_Std	Standard	50	2.23	1808.487	#DIV/0!
13	2013OCT23_C_100_Std	Standard	100	2.22	1801.932	#DIV/0!
14	2013OCT23_C_200_Stds	Standard	200	2.23	1980.844	#DIV/0!
15	2013OCT23_C_SolvA_2					#DIV/0!
16	2013OCT23_C_Surrogate_1					#DIV/0!
17	2013OCT23_C_SolvA_3					#DIV/0!
18	2013OCT23_C_SolvA_4					#DIV/0!
19	2013OCT23_C_MM_0			2.23	1822.952	#DIV/0!
20	2013OCT23_C_MM_1			2.23	1858.047	#DIV/0!
21	2013OCT23_C_MM_5			2.23	2088.85	#DIV/0!
22	2013OCT23_C_MM_10			2.23	2253.091	#DIV/0!
23	2013OCT23_C_MM_25			2.22	1955.765	#DIV/0!
24	2013OCT23_C_MM_50			2.23	2519.396	#DIV/0!
25	2013OCT23_C_MM_100			2.24	2474.991	#DIV/0!
26	2013OCT23_C_SolvA_5					#DIV/0!
27	2013OCT23_C_SolvA_6					#DIV/0!
28	2013OCT23_C_NOAA_1			2.23	2027.966	#DIV/0!
29	2013OCT23_C_NOAA_2			2.22	2146.973	#DIV/0!
30	2013OCT23_C_NOAA_3			2.23	2049.976	#DIV/0!
31	2013OCT23_C_SolvA_7					#DIV/0!
32	2013OCT23_C_SolvA_8					#DIV/0!
33	2013OCT23_C_HornPt_1			2.22	1924.781	#DIV/0!
34	2013OCT23_C_HornPt_2			2.22	2201.919	#DIV/0!
35	2013OCT23_C_HornPt_3			2.22	2237.296	#DIV/0!
36	2013OCT23_C_SolvA_9					#DIV/0!
37	2013OCT23_C_SolvA_10					#DIV/0!
38	2013OCT23_C_50Bridge1_1			2.22	2332.97	#DIV/0!
39	2013OCT23_C_50Bridge1_2			2.22	2606.503	#DIV/0!
40	2013OCT23_C_50Bridge1_3			2.22	1961.233	#DIV/0!
41	2013OCT23_C_SolvA_11					#DIV/0!
42	2013OCT23_C_SolvA_12					#DIV/0!
43	2013OCT23_C_50Bridge2_1			2.22	3076.811	#DIV/0!
44	2013OCT23_C_50Bridge2_2			2.22	1999.02	#DIV/0!
45	2013OCT23_C_50Bridge2_3			2.22	2043.055	#DIV/0!
46	2013OCT23_C_SolvA_13					#DIV/0!
47	2013OCT23_C_SolvA_14					#DIV/0!
48	2013OCT23_C_QC_Std25_1			2.22	1964.058	#DIV/0!
49	2013OCT23_C_SolvA_15					#DIV/0!
50	2013OCT23_C_SolvA_16					#DIV/0!
51	2013OCT23_C_50BridgeFurtherPt_1			2.22	1963.169	#DIV/0!
52	2013OCT23_C_50BridgeFurtherPt_2			2.23	2343.483	#DIV/0!
53	2013OCT23_C_50BridgeFurtherPt_3			2.23	1949.822	#DIV/0!

54	2013OCT23_C_SolvA_17			#DIV/0!
55	2013OCT23_C_SolvA_18			#DIV/0!
56	2013OCT23_C_PrestonLn_1	2.23	1665.949	#DIV/0!
57	2013OCT23_C_PrestonLn_2	2.23	2377.733	#DIV/0!
58	2013OCT23_C_PrestonLn_3	2.22	2102.771	#DIV/0!
59	2013OCT23_C_SolvA_19			#DIV/0!
60	2013OCT23_C_SolvA_20			#DIV/0!
61	2013OCT23_C_FrazierPt_1	2.23	1540.802	#DIV/0!
62	2013OCT23_C_FrazierPt_2	2.24	1305.294	#DIV/0!
63	2013OCT23_C_FrazierPt_3	2.22	1748.636	#DIV/0!
64	2013OCT23_C_SolvA_21			#DIV/0!
65	2013OCT23_C_SolvA_22			#DIV/0!
66	2013OCT23_C_SwingBridge_1	2.23	1513.13	#DIV/0!
67	2013OCT23_C_SwingBridge_2	2.22	1950.081	#DIV/0!
68	2013OCT23_C_SwingBridge_3	2.23	1612.709	#DIV/0!
69	2013OCT23_C_SolvA_23			#DIV/0!
70	2013OCT23_C_SolvA_24			#DIV/0!
71	2013OCT23_C_KingstonLn1_1	2.23	1437.201	#DIV/0!
72	2013OCT23_C_KingstonLn1_2	2.23	1917.27	#DIV/0!
73	2013OCT23_C_KingstonLn1_3	2.23	1705.616	#DIV/0!
74	2013OCT23_C_SolvA_25			#DIV/0!
75	2013OCT23_C_SolvA_26			#DIV/0!
76	2013OCT23_C_QC_Std25_2	2.23	893.934	#DIV/0!
77	2013OCT23_C_SolvA_27			#DIV/0!
78	2013OCT23_C_SolvA_28			#DIV/0!
79	2013OCT23_C_KingstonLn2_1	2.24	1882.917	#DIV/0!
80	2013OCT23_C_KingstonLn2_2	2.23	1964.149	#DIV/0!
81	2013OCT23_C_KingstonLn2_3	2.23	1707.639	#DIV/0!
82	2013OCT23_C_SolvA_29			#DIV/0!
83	2013OCT23_C_SolvA_30			#DIV/0!
84	2013OCT23_C_Cordova_1	2.22	1832.602	#DIV/0!
85	2013OCT23_C_Cordova_2	2.23	2249.954	#DIV/0!
86	2013OCT23_C_Cordova_3	2.23	1917.937	#DIV/0!
87	2013OCT23_C_SolvA_31			#DIV/0!
88	2013OCT23_C_SolvA_32			#DIV/0!
89	2013OCT23_C_Tuckahoe1_1	2.24	1783.512	#DIV/0!
90	2013OCT23_C_Tuckahoe1_2	2.23	1820.924	#DIV/0!
91	2013OCT23_C_Tuckahoe1_3	2.23	1913.282	#DIV/0!
92	2013OCT23_C_SolvA_33			#DIV/0!
93	2013OCT23_C_SolvA_34			#DIV/0!
94	2013OCT23_C_Tuckahoe2_1	2.22	2097.962	#DIV/0!
95	2013OCT23_C_Tuckahoe2_2	2.22	2283.351	#DIV/0!
96	2013OCT23_C_Tuckahoe2_3	2.23	1691.377	#DIV/0!
97	2013OCT23_C_SolvA_35			#DIV/0!
98	2013OCT23_C_SolvA_36			#DIV/0!

99	2013OCT23_C_GermanBranch_1			2.23	2319.369	#DIV/0!
100	2013OCT23_C_GermanBranch_2			2.23	1599.296	#DIV/0!
101	2013OCT23_C_GermanBranch_3			2.23	1946.113	#DIV/0!
102	2013OCT23_C_SolvA_37					#DIV/0!
103	2013OCT23_C_SolvA_38					#DIV/0!
104	2013OCT23_C_QC_Std25_3			2.22	1817.952	#DIV/0!
105	2013OCT23_C_SolvA_39					#DIV/0!
106	2013OCT23_C_SolvA_40					#DIV/0!
107	2013OCT23_C_Greensboro1_1			2.23	2021.967	#DIV/0!
108	2013OCT23_C_Greensboro1_2			2.23	1811.929	#DIV/0!
109	2013OCT23_C_Greensboro1_3			2.24	2285.401	#DIV/0!
110	2013OCT23_C_SolvA_41					#DIV/0!
111	2013OCT23_C_SolvA_42					#DIV/0!
112	2013OCT23_C_Greensboro2_1			2.23	2314.482	#DIV/0!
113	2013OCT23_C_Greensboro2_2			2.23	1741.815	#DIV/0!
114	2013OCT23_C_Greensboro2_3			2.23	1317.127	#DIV/0!
115	2013OCT23_C_SolvA_43					#DIV/0!
116	2013OCT23_C_SolvA_44					#DIV/0!
117	2013OCT23_C_BeaverDam_1			2.23	1722.333	#DIV/0!
118	2013OCT23_C_BeaverDam_2			2.23	2053.967	#DIV/0!
119	2013OCT23_C_BeaverDam_3			2.23	1718.502	#DIV/0!
120	2013OCT23_C_SolvA_45					#DIV/0!
121	2013OCT23_C_SolvA_46					#DIV/0!
122	2013OCT23_C_LongMarsh_1			2.23	1665.454	#DIV/0!
123	2013OCT23_C_LongMarsh_2			2.23	1820.102	#DIV/0!
124	2013OCT23_C_LongMarsh_3			2.23	1436.835	#DIV/0!
125	2013OCT23_C_SolvA_47					#DIV/0!
126	2013OCT23_C_SolvA_48					#DIV/0!
127	2013OCT23_C_0-01_Std_2	Standard	0.01	2.23	1330.085	#DIV/0!
128	2013OCT23_C_0-05_Std_2	Standard	0.05	2.22	959.825	#DIV/0!
129	2013OCT23_C_0-1_Std_2	Standard	0.1	2.22	1807.835	#DIV/0!
130	2013OCT23_C_0-5_Std_2	Standard	0.5	2.22	1487.42	#DIV/0!
131	2013OCT23_C_1_Std_2	Standard	1	2.22	1960.239	#DIV/0!
132	2013OCT23_C_5_Std_2	Standard	5	2.22	1661.211	#DIV/0!
133	2013OCT23_C_10_Std_2	Standard	10	2.23	1672.934	#DIV/0!
134	2013OCT23_C_25_Std_2	Standard	25	2.23	1415.005	#DIV/0!
135	2013OCT23_C_50_Std_2	Standard	50	2.22	1394.082	#DIV/0!
136	2013OCT23_C_100_Std_2	Standard	100	2.23	1368.488	#DIV/0!
137	2013OCT23_C_200_Stds_2	Standard	200	2.23	1186.672	#DIV/0!
138	2013OCT23_C_SolvA_49					#DIV/0!
139	2013OCT23_C_Surrogate_2					#DIV/0!
140	2013OCT23_C_SolvA_50					#DIV/0!
141	2013OCT23_C_SolvA_51					#DIV/0!
142	2013OCT23_C_SolvA_52					#DIV/0!
143	2013OCT23_C_SolvA_53					#DIV/0!

D.2 Raw data for Anacostia River analysis - IS correction is not shown in this data sheet

Quantify Compound Summary Report
Printed Thu Oct 24 20:00:53 2013
Compound 1: CAAT

								yes=1,no=0	Conc. (ng/g)
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1						0		
2	2013OCT21_A_Lab Blk						0		
3	2013OCT21_A_Travel Blk						0		
4	2013OCT21_A_0-01_Std	0.01			0.036		0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05					0	0.0	-100%
6	2013OCT21_A_0-1_Std	0.1	2.8	308.914			0	0.2	51%
7	2013OCT21_A_0-5_Std	0.5	2.81	1134.391	1127.63	835.79	1	0.6	11%
8	2013OCT21_A_1_Std	1	2.81	2282.431	1713.648	852.082	1	1.1	11%
9	2013OCT21_A_5_Std	5	2.8	13551.553	11643.304	7312.964	1	6.6	32%
10	2013OCT21_A_10_Std	10	2.8	25435.396	20721.354	13806.282	1	12.4	24%
11	2013OCT21_A_25_Std	25	2.8	60965.055	50308.902	33758.477	1	29.8	19%
12	2013OCT21_A_50_Std	50	2.8	111100.133	93204.633	61161.004	1	54.2	8%
13	2013OCT21_A_100_Std	100	2.8	213671.828	182320.688	120296.656	1	104.3	4%
14	2013OCT21_A_200_Stds	200	2.8	392406.344	335860	203344.672	1	191.6	-4%
15	2013OCT21_A_SolvA_2						#DIV/0!	0.0	197%
16	2013OCT21_A_Surrogate_1					19.91	0	0.0	-29%
17	2013OCT21_A_SolvA_3						#DIV/0!	0.2	59%
18	2013OCT21_A_SolvA_4						0	0.6	26%
19	2013OCT21_A_MM_0		2.8	3696.233	3134.925	2156.529	1	1.0	3%
20	2013OCT21_A_MM_1		2.8	7056.191	5461.028	3921.634	1	6.7	33%
21	2013OCT21_A_MM_5		2.8	17612.869	14699.948	10228.54	1	12.4	24%
22	2013OCT21_A_MM_10		2.8	29086.516	23105.473	15275.459	1	30.4	21%
23	2013OCT21_A_MM_25		2.8	60116.34	48998.27	32792.371	1	55.2	10%
24	2013OCT21_A_MM_50		2.81	108634.914	87009.906	58478.953	1	104.9	5%
25	2013OCT21_A_MM_100		2.8	221913.016	185584.219	122842.453	1	199.9	0%
26	2013OCT21_A_SolvA_5						0	Forced (0,0)	MM
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)	
28	2013OCT21_A_BerwynRd_1		2.81	3559.884	2868.627	1591.958	1	**17.38**	**16.38**
29	2013OCT21_A_BerwynRd_2		2.8	3664.294	2558.382	1542.409	1	**17.89**	**16.86**
30	2013OCT21_A_BerwynRd_3		2.81	3501.175	3057.219	1985.045	1	**17.09**	**16.11**
31	2013OCT21_A_SolvA_7						#DIV/0!		
32	2013OCT21_A_SolvA_8						#DIV/0!		
33	2013OCT21_A_UMD_1		2.8	4309.184	3578.602	2456.238	1	**21.04**	**19.82**
34	2013OCT21_A_UMD_2		2.8	4517.222	3176.5	2003.448	1	**22.05**	**20.78**
35	2013OCT21_A_UMD_3		2.8	4596.953	3418.398	2599.271	1	**22.44**	**21.15**
36	2013OCT21_A_SolvA_9						#DIV/0!		
37	2013OCT21_A_SolvA_10						#DIV/0!		

38	2013OCT21_A_Arboretum1_1	2.81	4204.888	2827.535	2227.049	1	**20.53**	**19.34**
39	2013OCT21_A_Arboretum1_2	2.81	4295.087	3463.62	2230.087	1	**20.97**	**19.76**
40	2013OCT21_A_Arboretum1_3	2.81	4337.297	3481.018	2408.508	1	**21.17**	**19.95**
41	2013OCT21_A_SolvA_11				19.017	#DIV/0!		
42	2013OCT21_A_SolvA_12			0.744		#DIV/0!		
43	2013OCT21_A_Arboretum2_1	2.8	4877.375	3531.15	2857.529	1	**23.81**	**22.44**
44	2013OCT21_A_Arboretum2_2	2.81	5076.842	2595.186	2110.371	1	**24.78**	**23.35**
45	2013OCT21_A_Arboretum2_3	2.81	4820.272	3895.326	2416.514	1	**23.53**	**22.17**
46	2013OCT21_A_SolvA_13					#DIV/0!		
47	2013OCT21_A_SolvA_14					#DIV/0!		
48	2013OCT21_A_QC_Std25_1	2.8	63258.148	51093.566	33095.879	1	**308.81**	**290.99**
49	2013OCT21_A_SolvA_15					#DIV/0!		
50	2013OCT21_A_SolvA_16					#DIV/0!		
51	2013OCT21_A_NorthDr1_1	2.8	5052.644	3959.49	2448.374	1	**24.67**	**23.24**
52	2013OCT21_A_NorthDr1_2	2.81	5592.044	3696.618	3304.756	1	**27.30**	**25.72**
53	2013OCT21_A_NorthDr1_3	2.8	5461.167	3945.245	3020.321	1	**26.66**	**25.12**
54	2013OCT21_A_SolvA_17					#DIV/0!		
55	2013OCT21_A_SolvA_18					#DIV/0!		
56	2013OCT21_A_NorthDr2_1	2.81	4694.319	4300.312	2446.489	1	**22.92**	**21.59**
57	2013OCT21_A_NorthDr2_2	2.8	4746.346	3694.977	3085.117	1	**23.17**	**21.83**
58	2013OCT21_A_NorthDr2_3	2.8	4885.666	3738.627	2612.862	1	**23.85**	**22.47**
59	2013OCT21_A_SolvA_19					#DIV/0!		
60	2013OCT21_A_SolvA_20					#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	2.8	4868.817	3378.624	2875.28	1	**23.77**	**22.40**
62	2013OCT21_A_AnacostiaPk_2	2.81	4974.495	3541.832	2608.618	1	**24.28**	**22.88**
63	2013OCT21_A_AnacostiaPk_3	2.8	4821.31	3329.337	2266.986	1	**23.54**	**22.18**
64	2013OCT21_A_SolvA_21					#DIV/0!		
65	2013OCT21_A_SolvA_22					#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	2.81	1587.171	1082.856	940.589	1	**7.75**	**7.30**
67	2013OCT21_A_GreenbeltPk_2	2.81	1799.016	1304.326	940.797	1	**8.78**	**8.28**
68	2013OCT21_A_GreenbeltPk_3	2.8	1587.796	1657.16	951.377	1	**7.75**	**7.30**
69	2013OCT21_A_SolvA_23					#DIV/0!		
70	2013OCT21_A_SolvA_24					#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	2.81	4924.31	4062.735	2593.98	1	**24.04**	**22.65**
72	2013OCT21_A_PowderMillRd_2	2.81	4835.218	3746.461	2842.11	1	**23.60**	**22.24**
73	2013OCT21_A_PowderMillRd_3	2.81	5168.017	3835.859	2708.367	1	**25.23**	**23.77**
74	2013OCT21_A_SolvA_25					#DIV/0!		
75	2013OCT21_A_SolvA_26					#DIV/0!		
76	2013OCT21_A_QC_Std25_2	2.8	62535.492	52226.176	35707.25	1	**305.28**	**287.67**
77	2013OCT21_A_SolvA_27					#DIV/0!		
78	2013OCT21_A_SolvA_28					#DIV/0!		
79	2013OCT21_A_ResearchRd_1	2.81	3565.304	3112.041	2313.301	1	**17.40**	**16.40**
80	2013OCT21_A_ResearchRd_2	2.81	3943.918	3587.532	2311.422	1	**19.25**	**18.14**
81	2013OCT21_A_ResearchRd_3	2.8	3788.143	2810.057	2156.582	1	**18.49**	**17.43**
82	2013OCT21_A_SolvA_29					#DIV/0!		

83	2013OCT21_A_SolvA_30						#DIV/0!		
84	2013OCT21_A_Skateboard_1		2.8	4598.436	2866.549	2073.188	1	**22.45**	**21.15**
85	2013OCT21_A_Skateboard_2		2.81	4411.809	2750.494	2104.471	1	**21.54**	**20.29**
86	2013OCT21_A_Skateboard_3		2.8	3659.609	2740.599	2515.675	1	**17.87**	**16.83**
87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32				150.131		#DIV/0!		
89	2013OCT21_A_SligoCreek_1		2.8	2461.231	1901.629	1394.98	1	**12.01**	**11.32**
90	2013OCT21_A_SligoCreek_2		2.8	2734.852	1750.651	1435.871	1	**13.35**	**12.58**
91	2013OCT21_A_SligoCreek_3		2.8	2425.933	1835.003	1190.91	1	**11.84**	**11.16**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		2.8	6053.579	4369.966	3446.201	1	**29.55**	**27.85**
95	2013OCT21_A_RiverdaleRd_2		2.8	6094.268	5045.188	3144.552	1	**29.75**	**28.03**
96	2013OCT21_A_RiverdaleRd_3		2.81	6939.92	4668.266	4068.635	1	**33.88**	**31.92**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	2.79	60.851		78.78	#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05	2.8	72.865	9.044	17.759	0		
102	2013OCT21_A_0-1_Std_2	0.1	2.81	324.984	237.661		0		
103	2013OCT21_A_0-5_Std_2	0.5	2.8	1286.783	1348.343		0		
104	2013OCT21_A_1_Std_2	1	2.8	2106.015	1984.993	1319.002	1		
105	2013OCT21_A_5_Std_2	5	2.8	13634.713	10742.219	7502.584	1		
106	2013OCT21_A_10_Std_2	10	2.8	25409.914	21514.541	14402.192	1		
107	2013OCT21_A_25_Std_2	25	2.81	62202.75	51962.117	34216.738	1		
108	2013OCT21_A_50_Std_2	50	2.8	113010.672	97601.75	64209.707	1		
109	2013OCT21_A_100_Std_2	100	2.8	214968.406	173288.156	126974.18	1		
110	2013OCT21_A_200_Stds_2	200	2.81	409434.813	351806.063	236618.797	1		
111	2013OCT21_A_SolvA_38						#DIV/0!		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39						#DIV/0!		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41						#DIV/0!		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 2: CEAT

								yes=1,no=0	**Conc. (ng/g)**
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1						0		
2	2013OCT21_A_Lab Blk						0		
3	2013OCT21_A_Travel Blk						0		
4	2013OCT21_A_0-01_Std	0.01					0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05	2.27	361.424	278.594		0	0.0	-5%
6	2013OCT21_A_0-1_Std	0.1	2.27	1042.319	693.464		0	0.1	37%
7	2013OCT21_A_0-5_Std	0.5	2.27	3577.796	4024.61	5234.51	1	0.5	-6%
8	2013OCT21_A_1_Std	1	2.27	7885.216	8156.392	11543.513	1	1.0	3%
9	2013OCT21_A_5_Std	5	2.27	40956.934	43910.586	52623.242	1	5.4	7%

10	2013OCT21_A_10_Std	10	2.27	78400.063	86323.109	102931.336	1	10.3		3%
11	2013OCT21_A_25_Std	25	2.27	195219.641	207255.172	247297.234	1	25.6		2%
12	2013OCT21_A_50_Std	50	2.27	379088.438	386288.188	474856.813	1	49.7		-1%
13	2013OCT21_A_100_Std	100	2.27	731487	781272.125	940761.188	1	95.8		-4%
14	2013OCT21_A_200_Stds	200	2.27	1404751.875	1481993.75	1812547.75	1	184.1		-8%
15	2013OCT21_A_SolvA_2						#DIV/0!	0.0		29%
16	2013OCT21_A_Surrogate_1						#DIV/0!	0.1		61%
17	2013OCT21_A_SolvA_3						#DIV/0!	0.2		51%
18	2013OCT21_A_SolvA_4						#DIV/0!	0.6		15%
19	2013OCT21_A_MM_0		2.27	8822.355	8914.719	10896.059	1	1.1		12%
20	2013OCT21_A_MM_1		2.27	17728.09	18777.992	23138.99	1	6.4		28%
21	2013OCT21_A_MM_5		2.27	56365.832	57505.633	69864.664	1	12.0		20%
22	2013OCT21_A_MM_10		2.27	88481.906	94878.18	114675.953	1	29.5		18%
23	2013OCT21_A_MM_25		2.27	184821	202481.516	244478.828	1	55.3		11%
24	2013OCT21_A_MM_50		2.27	350372.5	372410.188	444069.688	1	109.1		9%
25	2013OCT21_A_MM_100		2.27	748405.75	797230.438	959250.5	1	211.4		6%
26	2013OCT21_A_SolvA_5						#DIV/0!	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)		
28	2013OCT21_A_BerwynRd_1		2.27	10435.189	11122.244	13570.162	1	**13.67**		**14.33**
29	2013OCT21_A_BerwynRd_2		2.27	10767.096	10855.727	13777.115	1	**14.11**		**14.79**
30	2013OCT21_A_BerwynRd_3		2.27	10135.005	12006.263	13452.787	1	**13.28**		**13.92**
31	2013OCT21_A_SolvA_7						#DIV/0!			
32	2013OCT21_A_SolvA_8						#DIV/0!			
33	2013OCT21_A_UMD_1		2.27	9560.073	9293.247	10446.093	1	**12.53**		**13.13**
34	2013OCT21_A_UMD_2		2.27	9520.483	10471.779	12992.21	1	**12.47**		**13.08**
35	2013OCT21_A_UMD_3		2.27	9842.457	10348.212	10960.888	1	**12.90**		**13.52**
36	2013OCT21_A_SolvA_9						#DIV/0!			
37	2013OCT21_A_SolvA_10						#DIV/0!			
38	2013OCT21_A_Arboretum1_1		2.27	7533.813	8329.437	10258.46	1	**9.87**		**10.35**
39	2013OCT21_A_Arboretum1_2		2.27	8404.867	9003.815	9408.37	1	**11.01**		**11.54**
40	2013OCT21_A_Arboretum1_3		2.27	8249.977	9261.613	11133.458	1	**10.81**		**11.33**
41	2013OCT21_A_SolvA_11						#DIV/0!			
42	2013OCT21_A_SolvA_12						#DIV/0!			
43	2013OCT21_A_Arboretum2_1		2.27	8878.268	8860.572	10567.701	1	**11.63**		**12.19**
44	2013OCT21_A_Arboretum2_2		2.27	8727.384	9610.319	11856.523	1	**11.44**		**11.99**
45	2013OCT21_A_Arboretum2_3		2.27	8486.918	9105.131	11300.909	1	**11.12**		**11.66**
46	2013OCT21_A_SolvA_13						#DIV/0!			
47	2013OCT21_A_SolvA_14						#DIV/0!			
48	2013OCT21_A_QC_Std25_1		2.27	214716.906	223295.438	274265.875	1	**281.34**		**294.90**
49	2013OCT21_A_SolvA_15						#DIV/0!			
50	2013OCT21_A_SolvA_16						#DIV/0!			
51	2013OCT21_A_NorthDr1_1		2.27	15869.056	17148.031	20379.178	1	**20.79**		**21.80**
52	2013OCT21_A_NorthDr1_2		2.27	14718.539	16598.414	21071.365	1	**19.29**		**20.22**
53	2013OCT21_A_NorthDr1_3		2.27	15535.917	15583.973	19995.742	1	**20.36**		**21.34**
54	2013OCT21_A_SolvA_17						#DIV/0!			
55	2013OCT21_A_SolvA_18						#DIV/0!			

56	2013OCT21_A_NorthDr2_1		2.27	15190.952	15885.634	19085.752	1	**19.90**	**20.86**
57	2013OCT21_A_NorthDr2_2		2.27	14490.879	16245.345	21223.902	1	**18.99**	**19.90**
58	2013OCT21_A_NorthDr2_3		2.27	15878.239	15568.822	20239.932	1	**20.81**	**21.81**
59	2013OCT21_A_SolvA_19						#DIV/0!		
60	2013OCT21_A_SolvA_20						#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1		2.27	9299.353	10959.285	11113.176	1	**12.18**	**12.77**
62	2013OCT21_A_AnacostiaPk_2		2.27	9317.083	11257.184	12398.323	1	**12.21**	**12.80**
63	2013OCT21_A_AnacostiaPk_3		2.27	10009.281	10712.394	12074.516	1	**13.12**	**13.75**
64	2013OCT21_A_SolvA_21						#DIV/0!		
65	2013OCT21_A_SolvA_22						#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1		2.27	3483.46	4154.448	5131.362	1	**4.56**	**4.78**
67	2013OCT21_A_GreenbeltPk_2		2.27	3218.009	3371.941	4146.969	1	**4.22**	**4.42**
68	2013OCT21_A_GreenbeltPk_3		2.27	3671.676	3173.687	5261.331	1	**4.81**	**5.04**
69	2013OCT21_A_SolvA_23						#DIV/0!		
70	2013OCT21_A_SolvA_24						#DIV/0!		
71	2013OCT21_A_PowderMillRd_1		2.27	8842.16	8639.277	10353.762	1	**11.59**	**12.14**
72	2013OCT21_A_PowderMillRd_2		2.27	7061.84	8417.748	10860.603	1	**9.25**	**9.70**
73	2013OCT21_A_PowderMillRd_3		2.27	8226.511	8553.978	10118.693	1	**10.78**	**11.30**
74	2013OCT21_A_SolvA_25						#DIV/0!		
75	2013OCT21_A_SolvA_26						#DIV/0!		
76	2013OCT21_A_QC_Std25_2		2.27	217116	228911.234	273051.938	1	**284.49**	**298.20**
77	2013OCT21_A_SolvA_27						#DIV/0!		
78	2013OCT21_A_SolvA_28						#DIV/0!		
79	2013OCT21_A_ResearchRd_1		2.27	15749.537	16340.565	19825.416	1	**20.64**	**21.63**
80	2013OCT21_A_ResearchRd_2		2.27	16355.639	17967.959	19933.732	1	**21.43**	**22.46**
81	2013OCT21_A_ResearchRd_3		2.27	17440.828	16077.889	20576.705	1	**22.85**	**23.95**
82	2013OCT21_A_SolvA_29						#DIV/0!		
83	2013OCT21_A_SolvA_30						#DIV/0!		
84	2013OCT21_A_Skateboard_1		2.27	5497.958	6058.53	6969.838	1	**7.20**	**7.55**
85	2013OCT21_A_Skateboard_2		2.27	4930.771	4922.867	7032.834	1	**6.46**	**6.77**
86	2013OCT21_A_Skateboard_3		2.27	6101.84	6599.745	6507.48	1	**8.00**	**8.38**
87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32						#DIV/0!		
89	2013OCT21_A_SligoCreek_1		2.27	4503.315	4841.385	5671.086	1	**5.90**	**6.19**
90	2013OCT21_A_SligoCreek_2		2.27	4841.328	5030.047	5869.199	1	**6.34**	**6.65**
91	2013OCT21_A_SligoCreek_3		2.27	5005.158	4539.318	6410.985	1	**6.56**	**6.87**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		2.27	13985.52	15991.804	18140.406	1	**18.33**	**19.21**
95	2013OCT21_A_RiverdaleRd_2		2.27	14610.815	16070.472	20066.596	1	**19.14**	**20.07**
96	2013OCT21_A_RiverdaleRd_3		2.27	14129.913	15983.23	20059.646	1	**18.51**	**19.41**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	2.26	98.609	27.488		#DIV/0!		

101	2013OCT21_A_0-05_Std_2	0.05	2.29	614.356	322.394		#DIV/0!			
102	2013OCT21_A_0-1_Std_2	0.1	2.27	1154.752	1250.256		#DIV/0!			
103	2013OCT21_A_0-5_Std_2	0.5	2.27	4405.411	4386.381	6087.618	1			
104	2013OCT21_A_1_Std_2	1	2.27	8569.365	8927.637	10809.769	1			
105	2013OCT21_A_5_Std_2	5	2.27	48855.793	49389.332	57853.563	1			
106	2013OCT21_A_10_Std_2	10	2.27	91875.766	100294.953	118401.367	1			
107	2013OCT21_A_25_Std_2	25	2.27	225426.891	236501.031	276439.594	1			
108	2013OCT21_A_50_Std_2	50	2.27	421832.156	440482.281	537468.375	1			
109	2013OCT21_A_100_Std_2	100	2.27	832948.313	886638.875	1055743.875	1			
110	2013OCT21_A_200_Stds_2	200	2.27	1613414.25	1699219.875	2017937.875	1			
111	2013OCT21_A_SolvA_38						#DIV/0!			
112	2013OCT21_A_Surrogate_2						#DIV/0!			
113	2013OCT21_A_SolvA_39						#DIV/0!			
114	2013OCT21_A_SolvA_40						#DIV/0!			
115	2013OCT21_A_SolvA_41						#DIV/0!			
116	2013OCT21_A_SolvA_42						#DIV/0!			
Compound 3: CIAT								**yes=1,no=0**		**Conc. (ng/g)**
							Ident'd?	**Calc'd**		**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0			
1	2013OCT21_SolvA_1						#DIV/0!			#DIV/0!
2	2013OCT21_A_Lab Blk		2.8	450.891	400.462	693.728	0			#DIV/0!
3	2013OCT21_A_Travel Blk						#DIV/0!			#DIV/0!
4	2013OCT21_A_0-01_Std	0.01	2.8	244.803	151.889	1043.518	1	0.01		-1%
5	2013OCT21_A_0-05_Std	0.05	2.8	1023.859	1007.338	3933.092	1	0.04		-17%
6	2013OCT21_A_0-1_Std	0.1	2.81	3197.693	2835.502	12226.565	1	0.1		29%
7	2013OCT21_A_0-5_Std	0.5	2.81	14829.271	13712.326	56412.59	1	0.6		20%
8	2013OCT21_A_1_Std	1	2.81	27229.41	23045.871	97570.617	1	1.1		10%
9	2013OCT21_A_5_Std	5	2.81	162035.406	141584.969	576737.813	1	6.6		31%
10	2013OCT21_A_10_Std	10	2.81	299955.875	258808.875	1076854.5	1	12.1		21%
11	2013OCT21_A_25_Std	25	2.8	685592.375	618881.875	2600610.5	1	27.7		11%
12	2013OCT21_A_50_Std	50	2.8	1269030.75	1082116	4556643.5	1	51.4		3%
13	2013OCT21_A_100_Std	100	2.8	2460230	2203913.75	8002871	1	99.6		0%
14	2013OCT21_A_200_Stds	200	2.81	4550775.5	3907647.25	10687466	1	184.2		-8%
15	2013OCT21_A_SolvA_2		2.81	333.132			#DIV/0!	0.0		13%
16	2013OCT21_A_Surrogate_1						#DIV/0!	0.0		-12%
17	2013OCT21_A_SolvA_3						#DIV/0!	0.1		35%
18	2013OCT21_A_SolvA_4						#DIV/0!	0.6		27%
19	2013OCT21_A_MM_0		2.81	44209.113	37966.926	165263.328	1	1.2		16%
20	2013OCT21_A_MM_1		2.8	77493.891	70583.93	269533.25	1	7.1		42%
21	2013OCT21_A_MM_5		2.81	200448.172	181614.859	764161.188	1	13.4		34%
22	2013OCT21_A_MM_10		2.81	307239.906	282931.313	1173358.5	1	31.2		25%
23	2013OCT21_A_MM_25		2.81	664882.125	585636.813	2448672.75	1	59.2		18%
24	2013OCT21_A_MM_50		2.81	1179528.5	1012557.188	4275258	1	112.5		13%
25	2013OCT21_A_MM_100		2.81	2326066.75	2077419.625	7716813	1	205.6		3%
26	2013OCT21_A_SolvA_5						#DIV/0!	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)		

28	2013OCT21_A_BerwynRd_1	2.81	38375.145	35667.16	144667.188	1	**15.53**	**16.73**
29	2013OCT21_A_BerwynRd_2	2.81	42174.961	32467.666	155106.031	1	**17.07**	**18.39**
30	2013OCT21_A_BerwynRd_3	2.81	41953.984	36929.414	148305.781	1	**16.98**	**18.29**
31	2013OCT21_A_SolvA_7					#DIV/0!		
32	2013OCT21_A_SolvA_8					#DIV/0!		
33	2013OCT21_A_UMD_1	2.81	51116.672	44195.488	185198.531	1	**20.69**	**22.29**
34	2013OCT21_A_UMD_2	2.81	50994.863	44228.883	191239.047	1	**20.64**	**22.23**
35	2013OCT21_A_UMD_3	2.81	51212.906	46719.531	190590.266	1	**20.73**	**22.33**
36	2013OCT21_A_SolvA_9					#DIV/0!		
37	2013OCT21_A_SolvA_10					#DIV/0!		
38	2013OCT21_A_Arboretum1_1	2.81	46435.84	41540.727	173379.484	1	**18.79**	**20.25**
39	2013OCT21_A_Arboretum1_2	2.81	47703.551	41184.078	177175.016	1	**19.31**	**20.80**
40	2013OCT21_A_Arboretum1_3	2.81	49039.355	43536.043	179727.188	1	**19.85**	**21.38**
41	2013OCT21_A_SolvA_11					#DIV/0!		
42	2013OCT21_A_SolvA_12					#DIV/0!		
43	2013OCT21_A_Arboretum2_1	2.81	50245.777	44914.273	190352.266	1	**20.34**	**21.91**
44	2013OCT21_A_Arboretum2_2	2.81	52403.398	44296.73	189767.172	1	**21.21**	**22.85**
45	2013OCT21_A_Arboretum2_3	2.81	50191.059	49368.676	194581.969	1	**20.31**	**21.88**
46	2013OCT21_A_SolvA_13					#DIV/0!		
47	2013OCT21_A_SolvA_14					#DIV/0!		
48	2013OCT21_A_QC_Std25_1	2.81	714088	652743.625	2701291	1	**289.01**	**311.35**
49	2013OCT21_A_SolvA_15					#DIV/0!		
50	2013OCT21_A_SolvA_16					#DIV/0!		
51	2013OCT21_A_NorthDr1_1	2.81	56816.801	50038.039	210050.219	1	**23.00**	**24.77**
52	2013OCT21_A_NorthDr1_2	2.81	57005.176	47888.625	216182.844	1	**23.07**	**24.85**
53	2013OCT21_A_NorthDr1_3	2.81	56982.973	51467.52	213769.922	1	**23.06**	**24.85**
54	2013OCT21_A_SolvA_17					#DIV/0!		
55	2013OCT21_A_SolvA_18					#DIV/0!		
56	2013OCT21_A_NorthDr2_1	2.81	51204.555	47212.676	198472.656	1	**20.72**	**22.33**
57	2013OCT21_A_NorthDr2_2	2.81	56176.086	49429.734	196757.578	1	**22.74**	**24.49**
58	2013OCT21_A_NorthDr2_3	2.81	55505.066	48455.375	203906.328	1	**22.46**	**24.20**
59	2013OCT21_A_SolvA_19					#DIV/0!		
60	2013OCT21_A_SolvA_20					#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	2.81	51409.539	46871.727	197430.375	1	**20.81**	**22.42**
62	2013OCT21_A_AnacostiaPk_2	2.81	54207.793	44051.613	198688.25	1	**21.94**	**23.64**
63	2013OCT21_A_AnacostiaPk_3	2.81	48314.316	45866.84	191298.359	1	**19.55**	**21.07**
64	2013OCT21_A_SolvA_21					#DIV/0!		
65	2013OCT21_A_SolvA_22					#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	2.81	19077.111	17456.197	70616.969	1	**7.72**	**8.32**
67	2013OCT21_A_GreenbeltPk_2	2.81	20290.656	17139.496	68449.414	1	**8.21**	**8.85**
68	2013OCT21_A_GreenbeltPk_3	2.81	18792.955	18295.086	74766.281	1	**7.61**	**8.19**
69	2013OCT21_A_SolvA_23					#DIV/0!		
70	2013OCT21_A_SolvA_24					#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	2.81	55975.68	50649.246	204402.609	1	**22.66**	**24.41**
72	2013OCT21_A_PowderMillRd_2	2.81	57591.703	52271.895	211510.281	1	**23.31**	**25.11**

73	2013OCT21_A_PowderMillRd_3		2.81	58095.133	52457.035	210358.969	1	**23.51**	**25.33**
74	2013OCT21_A_SolvA_25						#DIV/0!		
75	2013OCT21_A_SolvA_26						#DIV/0!		
76	2013OCT21_A_QC_Std25_2		2.81	763931.5	670667.438	2719940	1	**309.19**	**333.08**
77	2013OCT21_A_SolvA_27						#DIV/0!		
78	2013OCT21_A_SolvA_28						#DIV/0!		
79	2013OCT21_A_ResearchRd_1		2.81	47102.625	43036.629	170095.938	1	**19.06**	**20.54**
80	2013OCT21_A_ResearchRd_2		2.81	47590.898	44120.438	180871.594	1	**19.26**	**20.75**
81	2013OCT21_A_ResearchRd_3		2.8	50288.133	42210.977	168225.828	1	**20.35**	**21.93**
82	2013OCT21_A_SolvA_29						#DIV/0!		
83	2013OCT21_A_SolvA_30						#DIV/0!		
84	2013OCT21_A_Skateboard_1		2.8	47881.566	41589.395	169285.109	1	**19.38**	**20.88**
85	2013OCT21_A_Skateboard_2		2.8	48999.75	43708.836	163473.344	1	**19.83**	**21.36**
86	2013OCT21_A_Skateboard_3		2.8	47834.629	42713.539	178714.484	1	**19.36**	**20.86**
87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32		2.81	241.267	95.97	41.149	0		
89	2013OCT21_A_SligoCreek_1		2.8	30971.717	27617.688	112226.805	1	**12.54**	**13.50**
90	2013OCT21_A_SligoCreek_2		2.8	29490.469	28242.32	107688.625	1	**11.94**	**12.86**
91	2013OCT21_A_SligoCreek_3		2.81	30286.328	28320.064	114599.055	1	**12.26**	**13.21**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		2.8	69091.258	67484.805	254286.031	1	**27.96**	**30.12**
95	2013OCT21_A_RiverdaleRd_2		2.81	66964.844	68529.352	274317.875	1	**27.10**	**29.20**
96	2013OCT21_A_RiverdaleRd_3		2.81	73989.648	67705.523	249757.813	1	**29.95**	**32.26**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	2.8	279.157	257.501	1405.279	1		
101	2013OCT21_A_0-05_Std_2	0.05	2.81	1082.482	1268.319	4811.827	1		
102	2013OCT21_A_0-1_Std_2	0.1	2.8	3335.443	3450.927	14340.876	1		
103	2013OCT21_A_0-5_Std_2	0.5	2.8	15705.853	14301.647	52180.371	1		
104	2013OCT21_A_1_Std_2	1	2.8	28773.66	27389.689	106412.469	1		
105	2013OCT21_A_5_Std_2	5	2.8	175308.219	154911.547	618713.313	1		
106	2013OCT21_A_10_Std_2	10	2.81	330998.875	292365.969	1197768.875	1		
107	2013OCT21_A_25_Std_2	25	2.81	771365.125	718463.938	2876485	1		
108	2013OCT21_A_50_Std_2	50	2.8	1462112	1322248.375	5153456	1		
109	2013OCT21_A_100_Std_2	100	2.81	2779975	2536363.75	8828277	1		
110	2013OCT21_A_200_Stds_2	200	2.81	5081034	4685666	11167619	1		
111	2013OCT21_A_SolvA_38						#DIV/0!		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39						#DIV/0!		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41						#DIV/0!		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 4: OIET

	yes=1,no=0	**Conc. (ng/g)**	
Ident'd?	**Calc'd**	**%diff**	

	Name	Std. Conc	RT	Area	1º Area	2º Area	#VALUE!		
1	2013OCT21_SolvA_1		2.13	312.975	944.806	1290.941	1		
2	2013OCT21_A_Lab Blk		2.13	541.082	794.141	1411.241	1		
3	2013OCT21_A_Travel Blk		2.14	1097.261	2455.411	3269.718	1		
4	2013OCT21_A_0-01_Std	0.01	2.12	580.797	1481.063	2604.066	1	0.0	87%
5	2013OCT21_A_0-05_Std	0.05	2.13	1802.111	3477.823	5386.139	1	0.1	16%
6	2013OCT21_A_0-1_Std	0.1	2.13	4194.489	7462.787	11845.754	1	0.1	35%
7	2013OCT21_A_0-5_Std	0.5	2.13	19512.398	34124.855	51056.629	1	0.6	26%
8	2013OCT21_A_1_Std	1	2.13	38767.359	67816.813	100650.602	1	1.2	25%
9	2013OCT21_A_5_Std	5	2.13	111672.164	196361.672	291533.875	1	3.6	-28%
10	2013OCT21_A_10_Std	10	2.13	204213.359	368263.594	554663.188	1	6.6	-34%
11	2013OCT21_A_25_Std	25	2.13	555438.125	995733.938	1493792.5	1	17.9	-28%
12	2013OCT21_A_50_Std	50	2.13	1446770.5	2548183.25	3779779	1	46.6	-7%
13	2013OCT21_A_100_Std	100	2.13	3059717.75	5222373	6766549.5	1	98.5	-1%
14	2013OCT21_A_200_Stds	200	2.13	5922230	7775076	8825046	1	190.7	-5%
15	2013OCT21_A_SolvA_2		2.12	1568.544	2034.216	3132.181	1	0.0	264%
16	2013OCT21_A_Surrogate_1		2.13	446.95	1252.702	1514.58	0	0.1	58%
17	2013OCT21_A_SolvA_3						#DIV/0!	0.1	35%
18	2013OCT21_A_SolvA_4		2.16	682.3	1393.267	1583.154	0	0.7	38%
19	2013OCT21_A_MM_0		2.13	38516.344	63883.551	94258.508	1	1.4	36%
20	2013OCT21_A_MM_1		2.13	80581.602	143929.297	209283	1	4.0	-20%
21	2013OCT21_A_MM_5		2.13	250284.547	438751.813	656085.75	1	7.4	-26%
22	2013OCT21_A_MM_10		2.13	423365.938	746362.563	1102349.5	1	19.8	-21%
23	2013OCT21_A_MM_25		2.13	884667.75	1537688.375	2313318.5	1	51.4	3%
24	2013OCT21_A_MM_50		2.13	606412.563	1064600.625	1546698.5	1	112.5	12%
25	2013OCT21_A_MM_100		2.13	3909915.75	5887996.5	7345645.5	1	206.2	3%
26	2013OCT21_A_SolvA_5				1273.367	1503.922	0	Forced (0,0)	MM
27	2013OCT21_A_SolvA_6		2.13	652.726		871.85	#DIV/0!	(ng/L in sample)	
28	2013OCT21_A_BerwynRd_1		2.14	62736.883	113966.156	170024.25	1	**20.20**	**18.82**
29	2013OCT21_A_BerwynRd_2		2.13	66276.609	116742.195	171449.313	1	**21.34**	**19.89**
30	2013OCT21_A_BerwynRd_3		2.13	65455.668	115616.281	171193.656	1	**21.08**	**19.64**
31	2013OCT21_A_SolvA_7					991.549	#DIV/0!		
32	2013OCT21_A_SolvA_8		2.12	504.574	1066.622	2046.408	1		
33	2013OCT21_A_UMD_1		2.13	34073.926	59006.113	86341.313	1	**10.97**	**10.22**
34	2013OCT21_A_UMD_2		2.13	35159.848	58615.758	86757.008	1	**11.32**	**10.55**
35	2013OCT21_A_UMD_3		2.13	35338.398	56051.207	89548.227	1	**11.38**	**10.60**
36	2013OCT21_A_SolvA_9				469.54	558.109	0		
37	2013OCT21_A_SolvA_10		2.12	464.3	472.146	558.562	0		
38	2013OCT21_A_Arboretum1_1		2.13	36941.379	61944.426	87208.008	1	**11.90**	**11.08**
39	2013OCT21_A_Arboretum1_2		2.13	37116.875	67178.656	98925.063	1	**11.95**	**11.14**
40	2013OCT21_A_Arboretum1_3		2.13	37461.563	67271.141	98040.109	1	**12.06**	**11.24**
41	2013OCT21_A_SolvA_11						#DIV/0!		
42	2013OCT21_A_SolvA_12						#DIV/0!		
43	2013OCT21_A_Arboretum2_1		2.13	40087.145	68920.109	94420.641	1	**12.91**	**12.03**
44	2013OCT21_A_Arboretum2_2		2.13	39668.285	69874.891	106015.375	1	**12.77**	**11.90**
45	2013OCT21_A_Arboretum2_3		2.13	39947.84	71221.727	103917.016	1	**12.86**	**11.99**

46	2013OCT21_A_SolvA_13					#DIV/0!		
47	2013OCT21_A_SolvA_14			767.926	944.002	0		
48	2013OCT21_A_QC_Std25_1	2.13	577384.5	1008917.313	1513998	1	**185.93**	**173.24**
49	2013OCT21_A_SolvA_15	2.12	265.755	861.883	1065.173	1		
50	2013OCT21_A_SolvA_16	2.12	381.375	415.432	1489.563	0		
51	2013OCT21_A_NorthDr1_1	2.13	30827.459	55970.293	80814.438	1	**9.93**	**9.25**
52	2013OCT21_A_NorthDr1_2	2.13	30770.268	56700.52	83849.063	1	**9.91**	**9.23**
53	2013OCT21_A_NorthDr1_3	2.13	32336.328	57049.551	81871.156	1	**10.41**	**9.70**
54	2013OCT21_A_SolvA_17	2.12	286.347	35.727	938.371	0		
55	2013OCT21_A_SolvA_18					#DIV/0!		
56	2013OCT21_A_NorthDr2_1	2.13	32084.271	51839.086	80504.297	1	**10.33**	**9.63**
57	2013OCT21_A_NorthDr2_2	2.13	32974.324	56942.637	82023.586	1	**10.62**	**9.89**
58	2013OCT21_A_NorthDr2_3	2.13	31233.988	56827.844	82296.063	1	**10.06**	**9.37**
59	2013OCT21_A_SolvA_19			316.294	449.169	0		
60	2013OCT21_A_SolvA_20				1182.274	#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	2.13	23864.773	44791.07	66563.164	1	**7.68**	**7.16**
62	2013OCT21_A_AnacostiaPk_2	2.13	25784.188	41408.094	66112.805	1	**8.30**	**7.74**
63	2013OCT21_A_AnacostiaPk_3	2.13	23685.416	43327.098	60015.438	1	**7.63**	**7.11**
64	2013OCT21_A_SolvA_21	2.14	1107.031	2220.556	2068.91	1		
65	2013OCT21_A_SolvA_22					#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	2.13	20402.385	36986.559	49828.633	1	**6.57**	**6.12**
67	2013OCT21_A_GreenbeltPk_2	2.13	21371.764	34177.891	54060.109	1	**6.88**	**6.41**
68	2013OCT21_A_GreenbeltPk_3	2.13	21655.51	38695.633	56407.156	1	**6.97**	**6.50**
69	2013OCT21_A_SolvA_23					#DIV/0!		
70	2013OCT21_A_SolvA_24					#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	2.13	23786.447	42701.816	63243.797	1	**7.66**	**7.14**
72	2013OCT21_A_PowderMillRd_2	2.13	25686.912	44540.164	66510.328	1	**8.27**	**7.71**
73	2013OCT21_A_PowderMillRd_3	2.13	25813.84	44418.77	62219.391	1	**8.31**	**7.75**
74	2013OCT21_A_SolvA_25				447.377	#DIV/0!		
75	2013OCT21_A_SolvA_26					#DIV/0!		
76	2013OCT21_A_QC_Std25_2	2.13	597223.813	1020855.563	1533892.875	1	**192.32**	**179.19**
77	2013OCT21_A_SolvA_27	2.13	371.491	1134.988	1079.955	0		
78	2013OCT21_A_SolvA_28	2.14	343.764		1309.719	#DIV/0!		
79	2013OCT21_A_ResearchRd_1	2.13	101554.188	177482.516	260080.734	1	**32.70**	**30.47**
80	2013OCT21_A_ResearchRd_2	2.13	105465.469	184118.594	268326.875	1	**33.96**	**31.64**
81	2013OCT21_A_ResearchRd_3	2.13	107474.344	183848.891	275958.031	1	**34.61**	**32.25**
82	2013OCT21_A_SolvA_29	2.12	562.1		577.038	#DIV/0!		
83	2013OCT21_A_SolvA_30	2.12	436.822		532.155	#DIV/0!		
84	2013OCT21_A_Skateboard_1	2.13	21405.824	39314.363	56910.102	1	**6.89**	**6.42**
85	2013OCT21_A_Skateboard_2	2.13	23523.57	41121.02	58838.527	1	**7.58**	**7.06**
86	2013OCT21_A_Skateboard_3	2.13	22500.486	42304.895	56745.055	1	**7.25**	**6.75**
87	2013OCT21_A_SolvA_31	2.12	319.769	510.027	659.816	1		
88	2013OCT21_A_SolvA_32	2.12	5053.669	10228.499	15285.631	1		
89	2013OCT21_A_SligoCreek_1	2.13	22446.184	38179.523	60248.797	1	**7.23**	**6.73**
90	2013OCT21_A_SligoCreek_2	2.13	21475.133	38780.875	59481.328	1	**6.92**	**6.44**

91	2013OCT21_A_SligoCreek_3		2.13	25031.76	42306.688	61187.855	1	**8.06**	**7.51**
92	2013OCT21_A_SolvA_33		2.14	633.229	619.683	745.77	0		
93	2013OCT21_A_SolvA_34					688.034	#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		2.13	55576.016	90484.797	142193.359	1	**17.90**	**16.68**
95	2013OCT21_A_RiverdaleRd_2		2.13	59987.887	99208.875	147667.188	1	**19.32**	**18.00**
96	2013OCT21_A_RiverdaleRd_3		2.13	56606.777	100722.641	149650.078	1	**18.23**	**16.98**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36					620.306	#DIV/0!		
99	2013OCT21_A_SolvA_37					1672.203	#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	2.12	1129.033	1992.026	3130.406	1		
101	2013OCT21_A_0-05_Std_2	0.05	2.12	2446.918	4147.655	5957.315	1		
102	2013OCT21_A_0-1_Std_2	0.1	2.13	4179.644	8843.726	11311.616	1		
103	2013OCT21_A_0-5_Std_2	0.5	2.13	21428.232	35568.676	56187.398	1		
104	2013OCT21_A_1_Std_2	1	2.12	42251.664	75054.539	106413.492	1		
105	2013OCT21_A_5_Std_2	5	2.12	124838.672	212329.609	304742.969	1		
106	2013OCT21_A_10_Std_2	10	2.13	231143.719	401955.281	594720.938	1		
107	2013OCT21_A_25_Std_2	25	2.13	615993.188	1042057.563	1540557.5	1		
108	2013OCT21_A_50_Std_2	50	2.12	1596533.125	2771674.75	4142093.75	1		
109	2013OCT21_A_100_Std_2	100	2.13	3492703	5593869	7005423.5	1		
110	2013OCT21_A_200_Stds_2	200	2.13	6402839	8281439.5	9148247	0		
111	2013OCT21_A_SolvA_38		2.13	4265.138	6368.419	9056.809	1		
112	2013OCT21_A_Surrogate_2		2.12	1273.553	1679.081	2949.056	1		
113	2013OCT21_A_SolvA_39		2.13	1214.255	1300.554	3145.234	0		
114	2013OCT21_A_SolvA_40		2.13	2433.218	4640.607	8079.837	1		
115	2013OCT21_A_SolvA_41		2.14	677.49		1703.375	#DIV/0!		
116	2013OCT21_A_SolvA_42		2.14	506.597		1447.115	#DIV/0!		

Compound 5: Atrazine

							yes=1,no=0		**Conc. (ng/g)**
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	#VALUE!		
1	2013OCT21_SolvA_1		5.44	417.423	979.464	1869.91	1		
2	2013OCT21_A_Lab Blk		5.42	3397.819	5490.835	16321.513	1		
3	2013OCT21_A_Travel Blk		5.41	5271.725	6561.954	17545.588	1		
4	2013OCT21_A_0-01_Std	0.01	5.42	1693.839	2001.853	5201.206	1	0.0	210%
5	2013OCT21_A_0-05_Std	0.05	5.41	4274.767	4787.533	14195.386	1	0.1	56%
6	2013OCT21_A_0-1_Std	0.1	5.41	7490.69	9027.336	27077.662	1	0.1	37%
7	2013OCT21_A_0-5_Std	0.5	5.41	31909.107	40620.68	114638.828	1	0.6	17%
8	2013OCT21_A_1_Std	1	5.42	64674.402	79159.117	215497.453	1	1.2	18%
9	2013OCT21_A_5_Std	5	5.41	321345.344	401998.938	1161227.625	1	5.9	17%
10	2013OCT21_A_10_Std	10	5.41	625706.563	781792	2200077.5	1	11.4	14%
11	2013OCT21_A_25_Std	25	5.41	1565248	1939772.25	5517760	1	28.6	14%
12	2013OCT21_A_50_Std	50	5.41	2967704.25	3626218.5	9912106	1	54.2	8%
13	2013OCT21_A_100_Std	100	5.41	5688427	6942977.5	14072538	1	104.0	4%
14	2013OCT21_A_200_Stds	200	5.42	10572069	11920034	16016493	0	193.2	-3%
15	2013OCT21_A_SolvA_2		5.42	1380.87	1850.547	3892.956	1	0.0	360%
16	2013OCT21_A_Surrogate_1		5.41	4697.487	4694.695	14430.813	0	0.1	83%
17	2013OCT21_A_SolvA_3		5.41	889.141	722.485	1938.097	0	0.2	56%

18	2013OCT21_A_SolvA_4	5.42	526.527	502.245	1986.435	0	0.6	16%	
19	2013OCT21_A_MM_0	5.41	135838.266	171757.375	486267.188	1	1.2	24%	
20	2013OCT21_A_MM_1	5.41	221098.5	258406.047	754974.938	1	6.2	24%	
21	2013OCT21_A_MM_5	5.42	481379.5	593659.313	1701705.5	1	12.0	20%	
22	2013OCT21_A_MM_10	5.42	740101.25	917896.5	2626082.5	1	30.4	21%	
23	2013OCT21_A_MM_25	5.41	1423429	1770045	5098840.5	1	56.0	12%	
24	2013OCT21_A_MM_50	5.41	2628607.5	3123730	9217575	1	102.6	3%	
25	2013OCT21_A_MM_100	5.41	5766957.5	6960671.5	13588813	1	199.5	0%	
26	2013OCT21_A_SolvA_5				2005.057	#DIV/0!	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6	5.44	288.716	606.701	1724.398	1	(ng/L in sample)		
28	2013OCT21_A_BerwynRd_1	5.42	122328.477	150863.922	425805.031	1	**22.36**		**22.27**
29	2013OCT21_A_BerwynRd_2	5.42	123737.469	152978.406	446493.063	1	**22.62**		**22.53**
30	2013OCT21_A_BerwynRd_3	5.42	124067.734	154849.953	441318.5	1	**22.68**		**22.59**
31	2013OCT21_A_SolvA_7				1065.448	#DIV/0!			
32	2013OCT21_A_SolvA_8			288.135	546.679	0			
33	2013OCT21_A_UMD_1	5.42	144149.203	174201.703	500259.781	1	**26.35**		**26.25**
34	2013OCT21_A_UMD_2	5.41	141219.734	169811.719	512826.125	1	**25.81**		**25.71**
35	2013OCT21_A_UMD_3	5.41	141454.844	176991.594	505150.344	1	**25.86**		**25.75**
36	2013OCT21_A_SolvA_9				828.738	#DIV/0!			
37	2013OCT21_A_SolvA_10	5.4	357.62	351.26	965.746	1			
38	2013OCT21_A_Arboretum1_1	5.41	130735.531	162891.531	465128.25	1	**23.90**		**23.80**
39	2013OCT21_A_Arboretum1_2	5.42	134015.266	161418.266	482447.469	1	**24.50**		**24.40**
40	2013OCT21_A_Arboretum1_3	5.41	133267.047	163507.078	469991.094	1	**24.36**		**24.26**
41	2013OCT21_A_SolvA_11				744.485	#DIV/0!			
42	2013OCT21_A_SolvA_12					#DIV/0!			
43	2013OCT21_A_Arboretum2_1	5.41	150569.891	181355.313	535844.688	1	**27.52**		**27.41**
44	2013OCT21_A_Arboretum2_2	5.41	152705.813	183978.766	521921.438	1	**27.91**		**27.80**
45	2013OCT21_A_Arboretum2_3	5.41	152293.297	185202.625	526623.563	1	**27.84**		**27.73**
46	2013OCT21_A_SolvA_13					#DIV/0!			
47	2013OCT21_A_SolvA_14				817.475	#DIV/0!			
48	2013OCT21_A_QC_Std25_1	5.41	1581056.625	1969864.25	5374051.5	1	**289.00**		**287.86**
49	2013OCT21_A_SolvA_15				623.186	#DIV/0!			
50	2013OCT21_A_SolvA_16					#DIV/0!			
51	2013OCT21_A_NorthDr1_1	5.41	174806.484	216435.781	636830.125	1	**31.95**		**31.83**
52	2013OCT21_A_NorthDr1_2	5.41	182622.516	225150.219	644538.438	1	**33.38**		**33.25**
53	2013OCT21_A_NorthDr1_3	5.41	181499.188	225087.25	634991.5	1	**33.18**		**33.05**
54	2013OCT21_A_SolvA_17				534.289	#DIV/0!			
55	2013OCT21_A_SolvA_18					#DIV/0!			
56	2013OCT21_A_NorthDr2_1	5.41	180816.859	220280.953	640008.438	1	**33.05**		**32.92**
57	2013OCT21_A_NorthDr2_2	5.41	176799.203	226549.281	643439.313	1	**32.32**		**32.19**
58	2013OCT21_A_NorthDr2_3	5.41	182187.734	228874.406	650383.563	1	**33.30**		**33.17**
59	2013OCT21_A_SolvA_19					#DIV/0!			
60	2013OCT21_A_SolvA_20					#DIV/0!			
61	2013OCT21_A_AnacostiaPk_1	5.41	211550.219	254445.234	734054.938	1	**38.67**		**38.52**
62	2013OCT21_A_AnacostiaPk_2	5.41	218566.359	258383.922	766503.875	1	**39.95**		**39.79**

63	2013OCT21_A_AnacostiaPk_3		5.41	213299.25	256974.781	757044.063	1	38.99	38.84
64	2013OCT21_A_SolvA_21						#DIV/0!		
65	2013OCT21_A_SolvA_22						#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1		5.42	73253.5	88621.422	254383.5	1	13.39	13.34
67	2013OCT21_A_GreenbeltPk_2		5.41	73145.945	87698.336	261552.063	1	13.37	13.32
68	2013OCT21_A_GreenbeltPk_3		5.42	72515.602	89549.695	258067.406	1	13.26	13.20
69	2013OCT21_A_SolvA_23						#DIV/0!		
70	2013OCT21_A_SolvA_24						#DIV/0!		
71	2013OCT21_A_PowderMillRd_1		5.42	162168.328	200803.375	567108.75	1	29.64	29.53
72	2013OCT21_A_PowderMillRd_2		5.42	161488.719	204621.813	576776.938	1	29.52	29.40
73	2013OCT21_A_PowderMillRd_3		5.42	162008.203	200951.375	565914.375	1	29.61	29.50
74	2013OCT21_A_SolvA_25						#DIV/0!		
75	2013OCT21_A_SolvA_26						#DIV/0!		
76	2013OCT21_A_QC_Std25_2		5.42	1602732.625	2014133.75	5408109	1	292.96	291.81
77	2013OCT21_A_SolvA_27					853.679	#DIV/0!		
78	2013OCT21_A_SolvA_28						#DIV/0!		
79	2013OCT21_A_ResearchRd_1		5.42	97667.555	126409.07	349362.125	1	17.85	17.78
80	2013OCT21_A_ResearchRd_2		5.42	100633.477	125484.508	356696.75	1	18.39	18.32
81	2013OCT21_A_ResearchRd_3		5.41	97589.891	124289.414	352091.188	1	17.84	17.77
82	2013OCT21_A_SolvA_29						#DIV/0!		
83	2013OCT21_A_SolvA_30					363.085	#DIV/0!		
84	2013OCT21_A_Skateboard_1		5.41	74906.094	89690.766	271247.656	1	13.69	13.64
85	2013OCT21_A_Skateboard_2		5.41	76387.086	98001.844	247447.094	1	13.96	13.91
86	2013OCT21_A_Skateboard_3		5.41	79010.945	101493.266	281899.25	1	14.44	14.39
87	2013OCT21_A_SolvA_31					298.962	#DIV/0!		
88	2013OCT21_A_SolvA_32					350.855	#DIV/0!		
89	2013OCT21_A_SligoCreek_1		5.41	76841.414	93559.023	273029.406	1	14.05	13.99
90	2013OCT21_A_SligoCreek_2		5.41	78483.891	98995.523	251382.359	1	14.35	14.29
91	2013OCT21_A_SligoCreek_3		5.42	80646.672	97586.383	276887.563	1	14.74	14.68
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		5.41	223517.969	270291.438	749830.063	1	40.86	40.70
95	2013OCT21_A_RiverdaleRd_2		5.42	230867.625	284499.688	807502.813	1	42.20	42.03
96	2013OCT21_A_RiverdaleRd_3		5.41	231396.547	284103.344	797791.5	1	42.30	42.13
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37		5.46	190.613	186.614	315.481	1		
100	2013OCT21_A_0-01_Std_2	0.01	5.42	2515.352	2097.357	5740.375	1		
101	2013OCT21_A_0-05_Std_2	0.05	5.42	4995.196	5719.824	12708.467	1		
102	2013OCT21_A_0-1_Std_2	0.1	5.42	8528.118	10334.804	27253.393	1		
103	2013OCT21_A_0-5_Std_2	0.5	5.41	31639.422	42809.398	115020.797	1		
104	2013OCT21_A_1_Std_2	1	5.42	68057.305	85549.914	222250.578	1		
105	2013OCT21_A_5_Std_2	5	5.41	339347.188	440126.625	1160029.375	1		
106	2013OCT21_A_10_Std_2	10	5.42	658856.625	856011.688	2248512	1		
107	2013OCT21_A_25_Std_2	25	5.42	1661196.625	2102077.75	5422608.5	1		
108	2013OCT21_A_50_Std_2	50	5.42	3064306	3880825.5	10285664	1		

109	2013OCT21_A_100_Std_2	100		5.42	5613715.5	7258197	14315309	1		
110	2013OCT21_A_200_Stds_2	200		5.42	10916357	12395697	16274816	0		
111	2013OCT21_A_SolvA_38			5.42	862.49	1008.381	2711.543	1		
112	2013OCT21_A_Surrogate_2			5.43	3915.042	5468.088	14843.536	1		
113	2013OCT21_A_SolvA_39							#DIV/0!		
114	2013OCT21_A_SolvA_40			5.43	467.488		750.513	#DIV/0!		
115	2013OCT21_A_SolvA_41			5.47	889.424		241.776	#DIV/0!		
116	2013OCT21_A_SolvA_42			5.41	382.675	201.858	1130.707	#VALUE!		

Compound 6: Atrazine-d5

	Name	Std. Conc	RT		Area	1º Area	2º Area	**Ident'd?**	yes=1,no=0	
								0		
1	2013OCT21_SolvA_1			5.35	2004.663			#DIV/0!		
2	2013OCT21_A_Lab Blk			5.36	14075238	7273547.5	4609407	1	**13929421**	**Avg**
3	2013OCT21_A_Travel Blk			5.35	14039521	7321757	4676833.5	1	**2%**	**RSD**
4	2013OCT21_A_0-01_Std	0.01		5.35	14117988	7177742.5	4585351.5	1		
5	2013OCT21_A_0-05_Std	0.05		5.34	14136143	7378416.5	4681689.5	1		
6	2013OCT21_A_0-1_Std	0.1		5.34	14473721	7977883.5	5066404	1		
7	2013OCT21_A_0-5_Std	0.5		5.36	14260557	7464709	4727933.5	1		
8	2013OCT21_A_1_Std	1		5.36	14440857	7538144	4881647	1		
9	2013OCT21_A_5_Std	5		5.35	14297127	7598988.5	4879968	1		
10	2013OCT21_A_10_Std	10		5.35	14533373	7401070.5	4768509.5	1		
11	2013OCT21_A_25_Std	25		5.35	14344426	7461565	4791853	1		
12	2013OCT21_A_50_Std	50		5.35	14537136	7521989	4807948.5	1		
13	2013OCT21_A_100_Std	100		5.35	14353577	6861177.5	4490569.5	1		
14	2013OCT21_A_200_Stds	200		5.36	14405652	7139064.5	4524167	1		
15	2013OCT21_A_SolvA_2			5.35	2410.012			#DIV/0!		
16	2013OCT21_A_Surrogate_1			5.35	2024.4		413.372	0		
17	2013OCT21_A_SolvA_3			5.34	1465.207			#DIV/0!		
18	2013OCT21_A_SolvA_4			5.33	709.656			0		
19	2013OCT21_A_MM_0			5.35	14186214	6757210.5	4283387.5	1		
20	2013OCT21_A_MM_1			5.34	14356299	7483306.5	4850473.5	1		
21	2013OCT21_A_MM_5			5.35	14380394	7607803	4840681	1		
22	2013OCT21_A_MM_10			5.36	14160291	6950178.5	4411139	1		
23	2013OCT21_A_MM_25			5.35	13381280	6157545.5	3968484	1		
24	2013OCT21_A_MM_50			5.35	13538918	6406274	4023505.5	1		
25	2013OCT21_A_MM_100			5.35	14924145	7595225	4861708.5	1		
26	2013OCT21_A_SolvA_5			5.35	2759.982		607.751	0		
27	2013OCT21_A_SolvA_6			5.35	1837.182			#DIV/0!		
28	2013OCT21_A_BerwynRd_1			5.36	14219781	6941952	4482451	1		
29	2013OCT21_A_BerwynRd_2			5.36	14230854	7062302.5	4545507	1		
30	2013OCT21_A_BerwynRd_3			5.36	14272455	7143338.5	4591472.5	1		
31	2013OCT21_A_SolvA_7			5.35	3353.199		837.487	#DIV/0!		
32	2013OCT21_A_SolvA_8			5.36	1144.435		1184.829	#DIV/0!		
33	2013OCT21_A_UMD_1			5.36	13923450	6903063.5	4424485	1		
34	2013OCT21_A_UMD_2			5.35	13887372	6926354	4394442	1		
35	2013OCT21_A_UMD_3			5.36	13953992	6912360.5	4377028	1		

36	2013OCT21_A_SolvA_9	5.35	3593.195			#DIV/0!
37	2013OCT21_A_SolvA_10	5.35	2495.167			#DIV/0!
38	2013OCT21_A_Arboretum1_1	5.36	13554300	6101185	3861477.75	1
39	2013OCT21_A_Arboretum1_2	5.35	13543496	6039521.5	3923241.75	1
40	2013OCT21_A_Arboretum1_3	5.35	13474219	6175414	3914022	1
41	2013OCT21_A_SolvA_11	5.34	2015.495	984.224		0
42	2013OCT21_A_SolvA_12	5.37	1733.022			#DIV/0!
43	2013OCT21_A_Arboretum2_1	5.35	13884635	6716271	4354292	1
44	2013OCT21_A_Arboretum2_2	5.35	13888651	6793288	4337651.5	1
45	2013OCT21_A_Arboretum2_3	5.35	13926538	6839075.5	4358937.5	1
46	2013OCT21_A_SolvA_13	5.35	3123.791		478.976	#DIV/0!
47	2013OCT21_A_SolvA_14	5.34	1515.218	1094.991		0
48	2013OCT21_A_QC_Std25_1	5.35	14182088	7444947	4814668	1
49	2013OCT21_A_SolvA_15	5.35	1813.854			#DIV/0!
50	2013OCT21_A_SolvA_16	5.35	905.994			#DIV/0!
51	2013OCT21_A_NorthDr1_1	5.35	13780104	6744717	4354959.5	1
52	2013OCT21_A_NorthDr1_2	5.35	13814799	6861179.5	4329462.5	1
53	2013OCT21_A_NorthDr1_3	5.35	13915854	7010863	4395889.5	1
54	2013OCT21_A_SolvA_17	5.35	1738.964			#DIV/0!
55	2013OCT21_A_SolvA_18	5.34	1364.401			#DIV/0!
56	2013OCT21_A_NorthDr2_1	5.35	13787451	6766248.5	4306567	1
57	2013OCT21_A_NorthDr2_2	5.35	13879863	6756401	4326294.5	1
58	2013OCT21_A_NorthDr2_3	5.35	13823032	6754570	4365511.5	1
59	2013OCT21_A_SolvA_19	5.34	2320.753	1032.213	69.894	0
60	2013OCT21_A_SolvA_20	5.35	1998.835		672.471	#DIV/0!
61	2013OCT21_A_AnacostiaPk_1	5.35	13448161	5899899	3773902	1
62	2013OCT21_A_AnacostiaPk_2	5.35	13302580	5884293	3774469.75	1
63	2013OCT21_A_AnacostiaPk_3	5.35	13266647	6019120	3835872.5	1
64	2013OCT21_A_SolvA_21	5.35	2789.657	1539.903	894.026	1
65	2013OCT21_A_SolvA_22	5.35	2374.788			#DIV/0!
66	2013OCT21_A_GreenbeltPk_1	5.35	13458886	6261348.5	3999166.75	1
67	2013OCT21_A_GreenbeltPk_2	5.36	13503110	6208178.5	3970038.75	1
68	2013OCT21_A_GreenbeltPk_3	5.36	13645113	6180442.5	3893736.5	1
69	2013OCT21_A_SolvA_23	5.35	2512.085		129.742	#DIV/0!
70	2013OCT21_A_SolvA_24	5.38	501.015		2.051	#DIV/0!
71	2013OCT21_A_PowderMillRd_1	5.36	13343666	6148723.5	3937124.75	1
72	2013OCT21_A_PowderMillRd_2	5.36	13535962	6271051.5	4080081.75	1
73	2013OCT21_A_PowderMillRd_3	5.36	13485807	6233701.5	4076421	1
74	2013OCT21_A_SolvA_25	5.35	1983.399			#DIV/0!
75	2013OCT21_A_SolvA_26	5.35	1611.493			#DIV/0!
76	2013OCT21_A_QC_Std25_2	5.36	13992905	7333018.5	4628573	1
77	2013OCT21_A_SolvA_27	5.37	907.978			#DIV/0!
78	2013OCT21_A_SolvA_28	5.37	564.815	1101.785	13.322	0
79	2013OCT21_A_ResearchRd_1	5.36	13852475	6863017.5	4356190.5	1
80	2013OCT21_A_ResearchRd_2	5.35	13822173	6764686	4315517.5	1

81	2013OCT21_A_ResearchRd_3		5.35	14209553	7026699	4436236	1
82	2013OCT21_A_SolvA_29		5.35	2323.436	1334.27	575.067	1
83	2013OCT21_A_SolvA_30		5.34	1567.643			#DIV/0!
84	2013OCT21_A_Skateboard_1		5.35	13429757	6472960	4104865.25	1
85	2013OCT21_A_Skateboard_2		5.35	13502713	6544524.5	4182578.25	1
86	2013OCT21_A_Skateboard_3		5.35	13590453	6683068.5	4104899	1
87	2013OCT21_A_SolvA_31		5.34	3214.839			#DIV/0!
88	2013OCT21_A_SolvA_32		5.34	2368.215			#DIV/0!
89	2013OCT21_A_SligoCreek_1		5.35	13647788	6788002	4364379	1
90	2013OCT21_A_SligoCreek_2		5.35	13753756	6942424	4437402	1
91	2013OCT21_A_SligoCreek_3		5.35	13732918	6933182	4388214	1
92	2013OCT21_A_SolvA_33		5.33	3581.733	1698.758		0
93	2013OCT21_A_SolvA_34		5.33	1938.115		529.16	#DIV/0!
94	2013OCT21_A_RiverdaleRd_1		5.35	14011278	7074791.5	4445424	1
95	2013OCT21_A_RiverdaleRd_2		5.36	14155911	7220608.5	4651953	1
96	2013OCT21_A_RiverdaleRd_3		5.36	14047692	7181109.5	4527613	1
97	2013OCT21_A_SolvA_35		5.35	3217.339			#DIV/0!
98	2013OCT21_A_SolvA_36		5.36	1328.589		506.899	#DIV/0!
99	2013OCT21_A_SolvA_37		5.34	886.556			#DIV/0!
100	2013OCT21_A_0-01_Std_2	0.01	5.35	13962516	7188666	4625785.5	1
101	2013OCT21_A_0-05_Std_2	0.05	5.36	13891159	7228161	4560281	1
102	2013OCT21_A_0-1_Std_2	0.1	5.35	14107463	8064385.5	5012513	1
103	2013OCT21_A_0-5_Std_2	0.5	5.35	14215882	7588053.5	4877861.5	1
104	2013OCT21_A_1_Std_2	1	5.36	14196969	7665830.5	4944172.5	1
105	2013OCT21_A_5_Std_2	5	5.35	13920663	7752861	4828510.5	1
106	2013OCT21_A_10_Std_2	10	5.35	14317347	7520562.5	4727332	1
107	2013OCT21_A_25_Std_2	25	5.36	14014271	7476866.5	4690551.5	1
108	2013OCT21_A_50_Std_2	50	5.36	14220180	7563298	4828478.5	1
109	2013OCT21_A_100_Std_2	100	5.36	13801496	6870064	4287314.5	1
110	2013OCT21_A_200_Stds_2	200	5.37	14066888	6892796.5	4279682.5	1
111	2013OCT21_A_SolvA_38		5.38	3265.136			#DIV/0!
112	2013OCT21_A_Surrogate_2		5.36	1553.005	10.311		0
113	2013OCT21_A_SolvA_39		5.36	1881.296			#DIV/0!
114	2013OCT21_A_SolvA_40						#DIV/0!
115	2013OCT21_A_SolvA_41						#DIV/0!
116	2013OCT21_A_SolvA_42		5.35	2075.444			#VALUE!

Compound 7: Terbuthylazine

								yes=1,no=0	
							Ident'd?		
	Name	Std. Conc	RT	Area	1º Area	2º Area	#VALUE!		
1	2013OCT21_SolvA_1					251.809	#DIV/0!	**Samples**	
2	2013OCT21_A_Lab Blk		8.05	5464103	4370759.5		#DIV/0!	**5274829**	**Overall Avg**
3	2013OCT21_A_Travel Blk		8.04	5375939.5	4302423		#DIV/0!	**11%**	**RSD**
4	2013OCT21_A_0-01_Std	0.01					#DIV/0!	**93%**	**% Rec**
5	2013OCT21_A_0-05_Std	0.05					#DIV/0!	**Standard surrogate**	
6	2013OCT21_A_0-1_Std	0.1					#DIV/0!	**5677138.5**	**Avg**
7	2013OCT21_A_0-5_Std	0.5					#DIV/0!	**4%**	**RSD**

8	2013OCT21_A_1_Std	1				#DIV/0!				
9	2013OCT21_A_5_Std	5				#DIV/0!				
10	2013OCT21_A_10_Std	10				#DIV/0!				
11	2013OCT21_A_25_Std	25				#DIV/0!				
12	2013OCT21_A_50_Std	50				#DIV/0!				
13	2013OCT21_A_100_Std	100				#DIV/0!				
14	2013OCT21_A_200_Stds	200				#DIV/0!				
15	2013OCT21_A_SolvA_2					#DIV/0!				
16	2013OCT21_A_Surrogate_1		8.04	5517075	4402204.5	#DIV/0!				
17	2013OCT21_A_SolvA_3					#DIV/0!				
18	2013OCT21_A_SolvA_4					#DIV/0!				
19	2013OCT21_A_MM_0		8.03	5341357	4344647.5	#DIV/0!				
20	2013OCT21_A_MM_1		8.03	6100802	4857215	#DIV/0!				
21	2013OCT21_A_MM_5		8.05	6218709.5	4961911.5	#DIV/0!				
22	2013OCT21_A_MM_10		8.05	5698231	4522960.5	#DIV/0!				
23	2013OCT21_A_MM_25		8.04	5123209	4069541.25	#DIV/0!				
24	2013OCT21_A_MM_50		8.04	4920097.5	3912610	#DIV/0!				
25	2013OCT21_A_MM_100		8.04	6324871.5	5056123	#DIV/0!				
26	2013OCT21_A_SolvA_5					#DIV/0!				
27	2013OCT21_A_SolvA_6					#DIV/0!	Avg		Rec	
28	2013OCT21_A_BerwynRd_1		8.05	5543072.5	4381378.5	#DIV/0!		5569270		98%
29	2013OCT21_A_BerwynRd_2		8.05	5566948	4443067.5	#DIV/0!				
30	2013OCT21_A_BerwynRd_3		8.05	5597789	4488632.5	#DIV/0!				
31	2013OCT21_A_SolvA_7					#DIV/0!				
32	2013OCT21_A_SolvA_8					#DIV/0!	Avg		Rec	
33	2013OCT21_A_UMD_1		8.05	5561580	4434400	#DIV/0!		5572996		98%
34	2013OCT21_A_UMD_2		8.05	5575063.5	4445162	#DIV/0!				
35	2013OCT21_A_UMD_3		8.05	5582345	4463611	#DIV/0!				
36	2013OCT21_A_SolvA_9					#DIV/0!				
37	2013OCT21_A_SolvA_10					#DIV/0!	Avg		Rec	
38	2013OCT21_A_Arboretum1_1		8.05	3878743.75	3068465.25	#DIV/0!		3895450		69%
39	2013OCT21_A_Arboretum1_2		8.05	3893504	3112110.25	#DIV/0!				
40	2013OCT21_A_Arboretum1_3		8.04	3914102.75	3073217.5	#DIV/0!				
41	2013OCT21_A_SolvA_11					#DIV/0!				
42	2013OCT21_A_SolvA_12					#DIV/0!	Avg		Rec	
43	2013OCT21_A_Arboretum2_1		8.04	5428338.5	4300967.5	#DIV/0!		5441227		96%
44	2013OCT21_A_Arboretum2_2		8.04	5438284	4336686.5	#DIV/0!				
45	2013OCT21_A_Arboretum2_3		8.04	5457057	4362898	#DIV/0!				
46	2013OCT21_A_SolvA_13					#DIV/0!				
47	2013OCT21_A_SolvA_14					#DIV/0!				
48	2013OCT21_A_QC_Std25_1					#DIV/0!				
49	2013OCT21_A_SolvA_15					#DIV/0!				
50	2013OCT21_A_SolvA_16					#DIV/0!	Avg		Rec	
51	2013OCT21_A_NorthDr1_1		8.04	5356466	4258412	#DIV/0!		5380992		95%
52	2013OCT21_A_NorthDr1_2		8.04	5402210	4304622.5	#DIV/0!				
53	2013OCT21_A_NorthDr1_3		8.04	5384300.5	4288385	#DIV/0!				

54	2013OCT21_A_SolvA_17				#DIV/0!				
55	2013OCT21_A_SolvA_18				#DIV/0!	Avg		Rec	
56	2013OCT21_A_NorthDr2_1	8.04	5524943	4395427	#DIV/0!		5577523		98%
57	2013OCT21_A_NorthDr2_2	8.04	5580157.5	4494056.5	#DIV/0!				
58	2013OCT21_A_NorthDr2_3	8.04	5627468	4474777	#DIV/0!				
59	2013OCT21_A_SolvA_19				#DIV/0!				
60	2013OCT21_A_SolvA_20				#DIV/0!	Avg		Rec	
61	2013OCT21_A_AnacostiaPk_1	8.04	4150161.75	3303170.75	#DIV/0!		4162016		73%
62	2013OCT21_A_AnacostiaPk_2	8.04	4169853.75	3323744	#DIV/0!				
63	2013OCT21_A_AnacostiaPk_3	8.04	4166032.25	3322091.75	#DIV/0!				
64	2013OCT21_A_SolvA_21				#DIV/0!				
65	2013OCT21_A_SolvA_22				#DIV/0!	Avg		Rec	
66	2013OCT21_A_GreenbeltPk_1	8.04	5460354	4335028.5	#DIV/0!		5445142		96%
67	2013OCT21_A_GreenbeltPk_2	8.05	5467218.5	4364470.5	#DIV/0!				
68	2013OCT21_A_GreenbeltPk_3	8.05	5407852	4328195	#DIV/0!				
69	2013OCT21_A_SolvA_23				#DIV/0!				
70	2013OCT21_A_SolvA_24				#DIV/0!	Avg		Rec	
71	2013OCT21_A_PowderMillRd_1	8.07	5048984	4011158.5	#DIV/0!		5072490		89%
72	2013OCT21_A_PowderMillRd_2	8.06	5072442	4002962.75	#DIV/0!				
73	2013OCT21_A_PowderMillRd_3	8.05	5096044	4052478.25	#DIV/0!				
74	2013OCT21_A_SolvA_25				#DIV/0!				
75	2013OCT21_A_SolvA_26				#DIV/0!				
76	2013OCT21_A_QC_Std25_2				#DIV/0!				
77	2013OCT21_A_SolvA_27				#DIV/0!				
78	2013OCT21_A_SolvA_28				#DIV/0!	Avg		Rec	
79	2013OCT21_A_ResearchRd_1	8.05	5860556.5	4649338.5	#DIV/0!		5890993		104%
80	2013OCT21_A_ResearchRd_2	8.05	5895893.5	4668773.5	#DIV/0!				
81	2013OCT21_A_ResearchRd_3	8.05	5916527.5	4661542.5	#DIV/0!				
82	2013OCT21_A_SolvA_29				#DIV/0!				
83	2013OCT21_A_SolvA_30				#DIV/0!	Avg		Rec	
84	2013OCT21_A_Skateboard_1	8.05	5018630	3965514.25	#DIV/0!		5065730		89%
85	2013OCT21_A_Skateboard_2	8.05	5085594	3988062.75	#DIV/0!				
86	2013OCT21_A_Skateboard_3	8.04	5092965.5	4014136	#DIV/0!				
87	2013OCT21_A_SolvA_31				#DIV/0!				
88	2013OCT21_A_SolvA_32				#DIV/0!	Avg		Rec	
89	2013OCT21_A_SligoCreek_1	8.05	5628502.5	4463879	#DIV/0!		5691008		100%
90	2013OCT21_A_SligoCreek_2	8.04	5692197	4513188.5	#DIV/0!				
91	2013OCT21_A_SligoCreek_3	8.05	5752324.5	4579278.5	#DIV/0!				
92	2013OCT21_A_SolvA_33				#DIV/0!				
93	2013OCT21_A_SolvA_34				#DIV/0!	Avg		Rec	
94	2013OCT21_A_RiverdaleRd_1	8.04	5616049.5	4396854.5	#DIV/0!		5711144		101%
95	2013OCT21_A_RiverdaleRd_2	8.05	5771745	4562024	#DIV/0!				
96	2013OCT21_A_RiverdaleRd_3	8.05	5745636.5	4539150	#DIV/0!				
97	2013OCT21_A_SolvA_35				#DIV/0!				
98	2013OCT21_A_SolvA_36				#DIV/0!				

99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01					#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05					#DIV/0!		
102	2013OCT21_A_0-1_Std_2	0.1					#DIV/0!		
103	2013OCT21_A_0-5_Std_2	0.5					#DIV/0!		
104	2013OCT21_A_1_Std_2	1			26.356	99.556	#DIV/0!		
105	2013OCT21_A_5_Std_2	5				1909.344	#DIV/0!		
106	2013OCT21_A_10_Std_2	10			80.793		#DIV/0!		
107	2013OCT21_A_25_Std_2	25				991.371	#DIV/0!		
108	2013OCT21_A_50_Std_2	50			45.703		#DIV/0!		
109	2013OCT21_A_100_Std_2	100			95.744	901.178	#DIV/0!		
110	2013OCT21_A_200_Stds_2	200			199.986	1227.51	#DIV/0!		
111	2013OCT21_A_SolvA_38				5.899	168.453	#DIV/0!		
112	2013OCT21_A_Surrogate_2		8.08	5837202	4602407		#DIV/0!		
113	2013OCT21_A_SolvA_39					987.454	#DIV/0!		
114	2013OCT21_A_SolvA_40				52.012	802.503	#DIV/0!		
115	2013OCT21_A_SolvA_41					297.059	#DIV/0!		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 8: Metolachlor OH

								yes=1,no=0	Conc. (ng/g)
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	#VALUE!		
1	2013OCT21_SolvA_1				18.215		#DIV/0!		
2	2013OCT21_A_Lab Blk						#DIV/0!		
3	2013OCT21_A_Travel Blk						#DIV/0!		
4	2013OCT21_A_0-01_Std	0.01					0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05					0	0.0	-100%
6	2013OCT21_A_0-1_Std	0.1	7.26	3993.32	3023.557	31614.438	1	0.1	-21%
7	2013OCT21_A_0-5_Std	0.5	7.28	22239.229	14709.119	162013.875	1	0.4	-12%
8	2013OCT21_A_1_Std	1	7.27	48081.281	29905.766	347017.344	1	0.9	-5%
9	2013OCT21_A_5_Std	5	7.28	239230.453	169404.922	1718704.625	1	4.7	-5%
10	2013OCT21_A_10_Std	10	7.27	495652.406	323088.656	3321788.75	1	9.8	-2%
11	2013OCT21_A_25_Std	25	7.27	1250430.875	814977.313	8001591	1	24.7	-1%
12	2013OCT21_A_50_Std	50	7.27	2559695	1667849.625	13707923	1	50.6	1%
13	2013OCT21_A_100_Std	100	7.28	4411741	2886635.25		0	87.1	-13%
14	2013OCT21_A_200_Stds	200	7.28	10445131	6808627.5		0	206.3	3%
15	2013OCT21_A_SolvA_2					101.881	#DIV/0!	0.0	-100%
16	2013OCT21_A_Surrogate_1				136.116	97.501	0	0.1	6%
17	2013OCT21_A_SolvA_3				16.146	678.027	0	0.1	-6%
18	2013OCT21_A_SolvA_4						#DIV/0!	0.4	-11%
19	2013OCT21_A_MM_0		7.3	1084.861	1910.321	15449.635	1	1.0	-3%
20	2013OCT21_A_MM_1		7.26	50228	34298.402	320388.75	1	5.0	0%
21	2013OCT21_A_MM_5		7.27	236658.797	154467.719	1621064	1	9.5	-5%
22	2013OCT21_A_MM_10		7.28	468315.75	300968.906	2985351.75	1	24.5	-2%
23	2013OCT21_A_MM_25		7.28	1021312.625	663164.813	6435876.5	1	49.4	-1%
24	2013OCT21_A_MM_50		7.28	2007854.125	1297813.625	11475832	1	85.9	-14%
25	2013OCT21_A_MM_100		7.27	4982504	3238196.25		0	207.3	4%

26	2013OCT21_A_SolvA_5					#DIV/0!	Forced (0,0)	MM
27	2013OCT21_A_SolvA_6			38.606	1110.133	#DIV/0!	(ng/L in sample)	
28	2013OCT21_A_BerwynRd_1	7.29	8950.002	6731.282	75639.039	1	**1.77**	**1.88**
29	2013OCT21_A_BerwynRd_2	7.26	9055.284	7023.362	70638.078	1	**1.79**	**1.90**
30	2013OCT21_A_BerwynRd_3	7.29	10182.21	6829.305	73038.547	1	**2.01**	**2.14**
31	2013OCT21_A_SolvA_7			61.232		#DIV/0!		
32	2013OCT21_A_SolvA_8			34.645		#DIV/0!		
33	2013OCT21_A_UMD_1	7.28	5077.91	3696.448	43669.309	1	**1.00**	**1.07**
34	2013OCT21_A_UMD_2	7.28	5655.69	3706.275	42347.512	1	**1.12**	**1.19**
35	2013OCT21_A_UMD_3	7.28	5831.278	3651.742	45693.676	1	**1.15**	**1.23**
36	2013OCT21_A_SolvA_9					#DIV/0!		
37	2013OCT21_A_SolvA_10				483.48	#DIV/0!		
38	2013OCT21_A_Arboretum1_1	7.27	6786.315	5006.77	47725.27	1	**1.34**	**1.43**
39	2013OCT21_A_Arboretum1_2	7.28	5847.773	4499.974	48688.695	1	**1.16**	**1.23**
40	2013OCT21_A_Arboretum1_3	7.26	6431.846	5418.619	47638.094	1	**1.27**	**1.35**
41	2013OCT21_A_SolvA_11			0.745		#DIV/0!		
42	2013OCT21_A_SolvA_12				719.771	#DIV/0!		
43	2013OCT21_A_Arboretum2_1	7.28	7496.967	4848.629	45385.516	1	**1.48**	**1.58**
44	2013OCT21_A_Arboretum2_2	7.27	7331.011	5418.903	45923.695	1	**1.45**	**1.54**
45	2013OCT21_A_Arboretum2_3	7.26	7768.634	5425.45	48054.402	1	**1.53**	**1.63**
46	2013OCT21_A_SolvA_13					#DIV/0!		
47	2013OCT21_A_SolvA_14					#DIV/0!		
48	2013OCT21_A_QC_Std25_1	7.27	1195197.375	781418.563	7916897.5	1	**236.07**	**251.44**
49	2013OCT21_A_SolvA_15					#DIV/0!		
50	2013OCT21_A_SolvA_16			155.294	0.49	#DIV/0!		
51	2013OCT21_A_NorthDr1_1	7.26	3993.8	2343.419	27811.633	1	**0.79**	**0.84**
52	2013OCT21_A_NorthDr1_2	7.28	4378.838	1772.981	29489.236	1	**0.86**	**0.92**
53	2013OCT21_A_NorthDr1_3	7.27	3182.99	2421.447	27393.547	1	**0.63**	**0.67**
54	2013OCT21_A_SolvA_17					#DIV/0!		
55	2013OCT21_A_SolvA_18	7.22	294.101	42.422	185.452	0		
56	2013OCT21_A_NorthDr2_1	7.26	3453.148	2187.398	31918.398	1	**0.68**	**0.73**
57	2013OCT21_A_NorthDr2_2	7.28	3729.058	2440.721	26967.783	1	**0.74**	**0.78**
58	2013OCT21_A_NorthDr2_3	7.27	3410.732	2660.648	31320.314	1	**0.67**	**0.72**
59	2013OCT21_A_SolvA_19					#DIV/0!		
60	2013OCT21_A_SolvA_20			5.925		#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	7.26	5475.658	3728.437	29997.666	1	**1.08**	**1.15**
62	2013OCT21_A_AnacostiaPk_2	7.27	5132.217	3340.553	33737.902	1	**1.01**	**1.08**
63	2013OCT21_A_AnacostiaPk_3	7.26	4675.965	3332.843	29049.674	1	**0.92**	**0.98**
64	2013OCT21_A_SolvA_21			52.515		#DIV/0!		
65	2013OCT21_A_SolvA_22					#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	7.28	3121.557	1623.715	21546.205	1	**0.62**	**0.66**
67	2013OCT21_A_GreenbeltPk_2	7.28	2453.985	2404.771	30874.969	1	**0.48**	**0.52**
68	2013OCT21_A_GreenbeltPk_3	7.29	2414.012	1625.514	26063.295	1	**0.48**	**0.51**
69	2013OCT21_A_SolvA_23				77.095	#DIV/0!		
70	2013OCT21_A_SolvA_24					#DIV/0!		

71	2013OCT21_A_PowderMillRd_1		7.29	4161.04	2859.408	26567.26	1	**0.82**	**0.88**
72	2013OCT21_A_PowderMillRd_2		7.28	3131.44	2204.347	41667.934	1	**0.62**	**0.66**
73	2013OCT21_A_PowderMillRd_3		7.28	3681.298	2341.993	39453.566	1	**0.73**	**0.77**
74	2013OCT21_A_SolvA_25					227.265	#DIV/0!		
75	2013OCT21_A_SolvA_26						#DIV/0!		
76	2013OCT21_A_QC_Std25_2		7.29	1210150.5	777984.25	8387415.5	1	**239.03**	**254.58**
77	2013OCT21_A_SolvA_27				85.216	0.795	#DIV/0!		
78	2013OCT21_A_SolvA_28				57.21	9.763	#DIV/0!		
79	2013OCT21_A_ResearchRd_1		7.28	11560.346	8108.987	87850.492	1	**2.28**	**2.43**
80	2013OCT21_A_ResearchRd_2		7.28	11872.289	7336.686	83960.43	1	**2.34**	**2.50**
81	2013OCT21_A_ResearchRd_3		7.27	10427.433	7517.821	78727.32	1	**2.06**	**2.19**
82	2013OCT21_A_SolvA_29						#DIV/0!		
83	2013OCT21_A_SolvA_30				124.718	136.527	#DIV/0!		
84	2013OCT21_A_Skateboard_1		7.29	2977.963	2206.299	20296.594	1	**0.59**	**0.63**
85	2013OCT21_A_Skateboard_2		7.27	2217.893	1165.37	9067.192	1	**0.44**	**0.47**
86	2013OCT21_A_Skateboard_3		7.28	1945.522	1675.399	19239.088	1	**0.38**	**0.41**
87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32				36.397	3728.879	#DIV/0!		
89	2013OCT21_A_SligoCreek_1		7.29	2302.466	124.87	28750.318	1	**0.45**	**0.48**
90	2013OCT21_A_SligoCreek_2		7.26	3378.701	2228.559	26012.783	1	**0.67**	**0.71**
91	2013OCT21_A_SligoCreek_3		7.27	2816.994	68.12	28918.977	1	**0.56**	**0.59**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		7.28	10220.753	6744.503	81493.805	1	**2.02**	**2.15**
95	2013OCT21_A_RiverdaleRd_2		7.28	10509.825	6997.643	84274.391	1	**2.08**	**2.21**
96	2013OCT21_A_RiverdaleRd_3		7.28	9799.29	6838.5	81246.883	1	**1.94**	**2.06**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37				130.127	407.033	#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01				4192.285	#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05	7.25	2678.708	1316.117	21160.391	1		
102	2013OCT21_A_0-1_Std_2	0.1	7.28	4768.078	2773.577	41699.602	1		
103	2013OCT21_A_0-5_Std_2	0.5	7.28	22551.33	15313.521	182038.406	1		
104	2013OCT21_A_1_Std_2	1	7.28	49299.191	30158.129	396486.375	1		
105	2013OCT21_A_5_Std_2	5	7.28	252337.438	164013.109	2017697.625	1		
106	2013OCT21_A_10_Std_2	10	7.28	482025.125	312302.25	3788248.75	1		
107	2013OCT21_A_25_Std_2	25	7.29	1240643.125	794840.25	8970866	1		
108	2013OCT21_A_50_Std_2	50	7.28	2501057.5	1599994.375	15066285	1		
109	2013OCT21_A_100_Std_2	100	7.29	4347511.5	2794005.25		#DIV/0!		
110	2013OCT21_A_200_Stds_2	200	7.3	10497197	6724114		#DIV/0!		
111	2013OCT21_A_SolvA_38						#DIV/0!		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39						#DIV/0!		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41				41.285	61.359	#DIV/0!		
116	2013OCT21_A_SolvA_42				9.224		#DIV/0!		

Compound 9: Alachlor

								yes=1,no=0	Conc. (ng/g)
							Ident'd?	Calc'd	%diff
	Name	Std. Conc	RT	Area	1º Area	2º Area	#VALUE!		
1	2013OCT21_SolvA_1						#DIV/0!		
2	2013OCT21_A_Lab Blk						#DIV/0!		
3	2013OCT21_A_Travel Blk						#DIV/0!		
4	2013OCT21_A_0-01_Std	0.01					0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05					0	0.0	-100%
6	2013OCT21_A_0-1_Std	0.1			2121.573		0	0.0	-100%
7	2013OCT21_A_0-5_Std	0.5	9.23	14271.123	4418.521		1	1.5	207%
8	2013OCT21_A_1_Std	1	9.23	16320.879	7462.073		1	1.8	75%
9	2013OCT21_A_5_Std	5	9.24	103787.477	44925.199		1	11.1	123%
10	2013OCT21_A_10_Std	10	9.24	171365.5	78414.711		1	18.4	84%
11	2013OCT21_A_25_Std	25	9.24	393069.344	174139.75		1	42.2	69%
12	2013OCT21_A_50_Std	50	9.24	648949.5	284998.75		1	69.7	39%
13	2013OCT21_A_100_Std	100	9.24	1013263.5	441715.906		1	108.8	9%
14	2013OCT21_A_200_Stds	200	9.24	1632650.125	717157.563		1	175.3	-12%
15	2013OCT21_A_SolvA_2				2418.435		#DIV/0!	0.0	-100%
16	2013OCT21_A_Surrogate_1						0	0.0	-100%
17	2013OCT21_A_SolvA_3						0	0.0	-100%
18	2013OCT21_A_SolvA_4						0	1.1	117%
19	2013OCT21_A_MM_0				1835.225		#DIV/0!	1.8	84%
20	2013OCT21_A_MM_1		9.23	6336.536	6468.819		0	10.7	115%
21	2013OCT21_A_MM_5		9.24	63326.02	28054.232		1	20.0	100%
22	2013OCT21_A_MM_10		9.24	116159.891	49987.668		1	44.5	78%
23	2013OCT21_A_MM_25		9.24	252549.813	111915.523		1	75.4	51%
24	2013OCT21_A_MM_50		9.24	419838.938	197198.625		1	126.0	26%
25	2013OCT21_A_MM_100		9.24	759341.5	341776.656		1	190.2	-5%
26	2013OCT21_A_SolvA_5						0	Forced (0,0)	MM
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)	
28	2013OCT21_A_BerwynRd_1						#DIV/0!	**0.00**	**0.00**
29	2013OCT21_A_BerwynRd_2						#DIV/0!	**0.00**	**0.00**
30	2013OCT21_A_BerwynRd_3						#DIV/0!	**0.00**	**0.00**
31	2013OCT21_A_SolvA_7						#DIV/0!		
32	2013OCT21_A_SolvA_8				103.573		#DIV/0!		
33	2013OCT21_A_UMD_1						#DIV/0!	**0.00**	**0.00**
34	2013OCT21_A_UMD_2				2362.683		#DIV/0!	**0.00**	**0.00**
35	2013OCT21_A_UMD_3						#DIV/0!	**0.00**	**0.00**
36	2013OCT21_A_SolvA_9						#DIV/0!		
37	2013OCT21_A_SolvA_10						#DIV/0!		
38	2013OCT21_A_Arboretum1_1				1223.906		#DIV/0!	**0.00**	**0.00**
39	2013OCT21_A_Arboretum1_2						#DIV/0!	**0.00**	**0.00**
40	2013OCT21_A_Arboretum1_3						#DIV/0!	**0.00**	**0.00**
41	2013OCT21_A_SolvA_11				217.078		#DIV/0!		
42	2013OCT21_A_SolvA_12						#DIV/0!		
43	2013OCT21_A_Arboretum2_1				641.206		#DIV/0!	**0.00**	**0.00**

44	2013OCT21_A_Arboretum2_2				#DIV/0!	**0.00**	**0.00**
45	2013OCT21_A_Arboretum2_3				#DIV/0!	**0.00**	**0.00**
46	2013OCT21_A_SolvA_13				#DIV/0!		
47	2013OCT21_A_SolvA_14				#DIV/0!		
48	2013OCT21_A_QC_Std25_1	9.24	378652.094	174861.984	1	**406.62**	**479.12**
49	2013OCT21_A_SolvA_15				#DIV/0!		
50	2013OCT21_A_SolvA_16				#DIV/0!		
51	2013OCT21_A_NorthDr1_1			4.753	#DIV/0!	**0.00**	**0.00**
52	2013OCT21_A_NorthDr1_2				#DIV/0!	**0.00**	**0.00**
53	2013OCT21_A_NorthDr1_3			76.783	#DIV/0!	**0.00**	**0.00**
54	2013OCT21_A_SolvA_17				#DIV/0!		
55	2013OCT21_A_SolvA_18				#DIV/0!		
56	2013OCT21_A_NorthDr2_1				#DIV/0!	**0.00**	**0.00**
57	2013OCT21_A_NorthDr2_2			73.87	#DIV/0!	**0.00**	**0.00**
58	2013OCT21_A_NorthDr2_3			177.964	#DIV/0!	**0.00**	**0.00**
59	2013OCT21_A_SolvA_19				#DIV/0!		
60	2013OCT21_A_SolvA_20				#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1				#DIV/0!	**0.00**	**0.00**
62	2013OCT21_A_AnacostiaPk_2				#DIV/0!	**0.00**	**0.00**
63	2013OCT21_A_AnacostiaPk_3				#DIV/0!	**0.00**	**0.00**
64	2013OCT21_A_SolvA_21				#DIV/0!		
65	2013OCT21_A_SolvA_22				#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1				#DIV/0!	**0.00**	**0.00**
67	2013OCT21_A_GreenbeltPk_2				#DIV/0!	**0.00**	**0.00**
68	2013OCT21_A_GreenbeltPk_3				#DIV/0!	**0.00**	**0.00**
69	2013OCT21_A_SolvA_23			163.992	#DIV/0!		
70	2013OCT21_A_SolvA_24				#DIV/0!		
71	2013OCT21_A_PowderMillRd_1				#DIV/0!	**0.00**	**0.00**
72	2013OCT21_A_PowderMillRd_2				#DIV/0!	**0.00**	**0.00**
73	2013OCT21_A_PowderMillRd_3			267.831	#DIV/0!	**0.00**	**0.00**
74	2013OCT21_A_SolvA_25				#DIV/0!		
75	2013OCT21_A_SolvA_26				#DIV/0!		
76	2013OCT21_A_QC_Std25_2	9.24	403957.344	182694.891	1	**433.79**	**511.14**
77	2013OCT21_A_SolvA_27				#DIV/0!		
78	2013OCT21_A_SolvA_28			43.967	#DIV/0!		
79	2013OCT21_A_ResearchRd_1				#DIV/0!	**0.00**	**0.00**
80	2013OCT21_A_ResearchRd_2				#DIV/0!	**0.00**	**0.00**
81	2013OCT21_A_ResearchRd_3			10.057	#DIV/0!	**0.00**	**0.00**
82	2013OCT21_A_SolvA_29				#DIV/0!		
83	2013OCT21_A_SolvA_30				#DIV/0!		
84	2013OCT21_A_Skateboard_1				#DIV/0!	**0.00**	**0.00**
85	2013OCT21_A_Skateboard_2				#DIV/0!	**0.00**	**0.00**
86	2013OCT21_A_Skateboard_3				#DIV/0!	**0.00**	**0.00**
87	2013OCT21_A_SolvA_31			376.137	#DIV/0!		
88	2013OCT21_A_SolvA_32				#DIV/0!		

89	2013OCT21_A_SligoCreek_1				346.684		#DIV/0!	**0.00**	**0.00**
90	2013OCT21_A_SligoCreek_2						#DIV/0!	**0.00**	**0.00**
91	2013OCT21_A_SligoCreek_3						#DIV/0!	**0.00**	**0.00**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1				852.554		#DIV/0!	**0.00**	**0.00**
95	2013OCT21_A_RiverdaleRd_2						#DIV/0!	**0.00**	**0.00**
96	2013OCT21_A_RiverdaleRd_3				257.088		#DIV/0!	**0.00**	**0.00**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01					#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05					#DIV/0!		
102	2013OCT21_A_0-1_Std_2	0.1					#DIV/0!		
103	2013OCT21_A_0-5_Std_2	0.5	9.23	10099.708	5541.45		1		
104	2013OCT21_A_1_Std_2	1	9.24	17152.039	7338.054		1		
105	2013OCT21_A_5_Std_2	5	9.24	99957.023	48874.863		1		
106	2013OCT21_A_10_Std_2	10	9.24	186421.5	85572.297		1		
107	2013OCT21_A_25_Std_2	25	9.24	414386.031	185652.672		1		
108	2013OCT21_A_50_Std_2	50	9.24	701899.625	309449.406		1		
109	2013OCT21_A_100_Std_2	100	9.24	1173355.125	521543.563		1		
110	2013OCT21_A_200_Stds_2	200	9.24	1771086.875	793005.313		1		
111	2013OCT21_A_SolvA_38				316.264		#DIV/0!		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39						#DIV/0!		
114	2013OCT21_A_SolvA_40				1479.469		#DIV/0!		
115	2013OCT21_A_SolvA_41						#DIV/0!		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 10: Acetochlor

								yes=1,no=0	**Conc. (ng/g)**
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1						#DIV/0!		#DIV/0!
2	2013OCT21_A_Lab Blk						#DIV/0!		#DIV/0!
3	2013OCT21_A_Travel Blk					1145.637	#DIV/0!		#DIV/0!
4	2013OCT21_A_0-01_Std	0.01	9.22	1938.003	732.441		0	0.0	174%
5	2013OCT21_A_0-05_Std	0.05	9.22	5459.345	3305.548	1939.967	1	0.1	54%
6	2013OCT21_A_0-1_Std	0.1	9.23	18676.184	10693.58	2442.528	1	0.3	164%
7	2013OCT21_A_0-5_Std	0.5	9.23	82480.695	39606.652	14741.24	1	1.2	133%
8	2013OCT21_A_1_Std	1	9.23	140877.719	65079.414	21287.139	1	2.0	99%
9	2013OCT21_A_5_Std	5	9.23	862282.563	422699.094	135482.547	1	12.2	144%
10	2013OCT21_A_10_Std	10	9.23	1516811	788052.563	254902.922	1	21.4	114%
11	2013OCT21_A_25_Std	25	9.23	3477622.5	1731745.75	586385.563	1	49.2	97%
12	2013OCT21_A_50_Std	50	9.23	5646129.5	2866501	949497.625	1	79.8	60%
13	2013OCT21_A_100_Std	100	9.23	8718172	4639678	1470266.875	1	123.3	23%
14	2013OCT21_A_200_Stds	200	9.23	11713331	7301560.5	2459591.25	1	165.6	-17%
15	2013OCT21_A_SolvA_2		9.23	19823.416	9389.305	3013.693	1	0.0	63%

16	2013OCT21_A_Surrogate_1	9.23	2577.276	1496.188	956.85	0	0.1			58%	
17	2013OCT21_A_SolvA_3	9.23	4682.438			#DIV/0!	0.3			166%	
18	2013OCT21_A_SolvA_4	9.23	4762.76	1546.043		0	1.1			113%	
19	2013OCT21_A_MM_0			718.073	1465.42	#DIV/0!	2.0			104%	
20	2013OCT21_A_MM_1	9.23	91525.266	49269.301	16705.018	1	12.3			146%	
21	2013OCT21_A_MM_5	9.23	509792.906	258124.125	89434.461	1	22.6			126%	
22	2013OCT21_A_MM_10	9.23	914778.438	457419.438	156830.422	1	51.2			105%	
23	2013OCT21_A_MM_25	9.23	2026091.125	1061980.75	369932.469	1	85.7			71%	
24	2013OCT21_A_MM_50	9.23	3771692.75	1875157.5	651414.063	1	138.4			38%	
25	2013OCT21_A_MM_100	9.23	6624227.5	3388457	1183465	1	179.3			-10%	
26	2013OCT21_A_SolvA_5	9.23	9792.908	4047.252		0	Forced (0,0)		MM		
27	2013OCT21_A_SolvA_6					#DIV/0!	(ng/L in sample)				
28	2013OCT21_A_BerwynRd_1					#DIV/0!		**0.00**			**0.00**
29	2013OCT21_A_BerwynRd_2					#DIV/0!		**0.00**			**0.00**
30	2013OCT21_A_BerwynRd_3					#DIV/0!		**0.00**			**0.00**
31	2013OCT21_A_SolvA_7					#DIV/0!					
32	2013OCT21_A_SolvA_8	9.24	3122.686	1189.972		0					
33	2013OCT21_A_UMD_1			112.549	304.321	#DIV/0!		**0.00**			**0.00**
34	2013OCT21_A_UMD_2					#DIV/0!		**0.00**			**0.00**
35	2013OCT21_A_UMD_3					#DIV/0!		**0.00**			**0.00**
36	2013OCT21_A_SolvA_9					#DIV/0!					
37	2013OCT21_A_SolvA_10					#DIV/0!					
38	2013OCT21_A_Arboretum1_1				316.738	#DIV/0!		**0.00**			**0.00**
39	2013OCT21_A_Arboretum1_2			447.362		#DIV/0!		**0.00**			**0.00**
40	2013OCT21_A_Arboretum1_3			0.222	98.731	#DIV/0!		**0.00**			**0.00**
41	2013OCT21_A_SolvA_11					#DIV/0!					
42	2013OCT21_A_SolvA_12					#DIV/0!					
43	2013OCT21_A_Arboretum2_1					#DIV/0!		**0.00**			**0.00**
44	2013OCT21_A_Arboretum2_2			1349.271	71.886	#DIV/0!		**0.00**			**0.00**
45	2013OCT21_A_Arboretum2_3					#DIV/0!		**0.00**			**0.00**
46	2013OCT21_A_SolvA_13					#DIV/0!					
47	2013OCT21_A_SolvA_14					#DIV/0!					
48	2013OCT21_A_QC_Std25_1	9.23	3463476.75	1740808.625	573508.75	1		**489.69**			**502.43**
49	2013OCT21_A_SolvA_15	9.23	2768.596			#DIV/0!					
50	2013OCT21_A_SolvA_16	9.21	1991.19			#DIV/0!					
51	2013OCT21_A_NorthDr1_1					#DIV/0!		**0.00**			**0.00**
52	2013OCT21_A_NorthDr1_2			164.397		#DIV/0!		**0.00**			**0.00**
53	2013OCT21_A_NorthDr1_3					#DIV/0!		**0.00**			**0.00**
54	2013OCT21_A_SolvA_17				138.841	#DIV/0!					
55	2013OCT21_A_SolvA_18					#DIV/0!					
56	2013OCT21_A_NorthDr2_1					#DIV/0!		**0.00**			**0.00**
57	2013OCT21_A_NorthDr2_2					#DIV/0!		**0.00**			**0.00**
58	2013OCT21_A_NorthDr2_3					#DIV/0!		**0.00**			**0.00**
59	2013OCT21_A_SolvA_19					#DIV/0!					
60	2013OCT21_A_SolvA_20					#DIV/0!					
61	2013OCT21_A_AnacostiaPk_1	9.28	1262.886	1306.821	1946.235	0		**0.18**			**0.18**

62	2013OCT21_A_AnacostiaPk_2						#DIV/0!	**0.00**	**0.00**
63	2013OCT21_A_AnacostiaPk_3				457.418		#DIV/0!	**0.00**	**0.00**
64	2013OCT21_A_SolvA_21						#DIV/0!		
65	2013OCT21_A_SolvA_22						#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1						#DIV/0!	**0.00**	**0.00**
67	2013OCT21_A_GreenbeltPk_2					2.241	#DIV/0!	**0.00**	**0.00**
68	2013OCT21_A_GreenbeltPk_3						#DIV/0!	**0.00**	**0.00**
69	2013OCT21_A_SolvA_23						#DIV/0!		
70	2013OCT21_A_SolvA_24						#DIV/0!		
71	2013OCT21_A_PowderMillRd_1					81.242	#DIV/0!	**0.00**	**0.00**
72	2013OCT21_A_PowderMillRd_2					34.876	#DIV/0!	**0.00**	**0.00**
73	2013OCT21_A_PowderMillRd_3						#DIV/0!	**0.00**	**0.00**
74	2013OCT21_A_SolvA_25						#DIV/0!		
75	2013OCT21_A_SolvA_26						#DIV/0!		
76	2013OCT21_A_QC_Std25_2		9.23	3557257	1766142.875	603098.688	1	**502.95**	**516.04**
77	2013OCT21_A_SolvA_27						#DIV/0!		
78	2013OCT21_A_SolvA_28						#DIV/0!		
79	2013OCT21_A_ResearchRd_1						#DIV/0!	**0.00**	**0.00**
80	2013OCT21_A_ResearchRd_2						#DIV/0!	**0.00**	**0.00**
81	2013OCT21_A_ResearchRd_3						#DIV/0!	**0.00**	**0.00**
82	2013OCT21_A_SolvA_29						#DIV/0!		
83	2013OCT21_A_SolvA_30						#DIV/0!		
84	2013OCT21_A_Skateboard_1		9.25	543.577		947.472	#DIV/0!	**0.08**	**0.08**
85	2013OCT21_A_Skateboard_2						#DIV/0!	**0.00**	**0.00**
86	2013OCT21_A_Skateboard_3						#DIV/0!	**0.00**	**0.00**
87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32		9.24	2193.867	768.497		0		
89	2013OCT21_A_SligoCreek_1				1835.741		#DIV/0!	**0.00**	**0.00**
90	2013OCT21_A_SligoCreek_2						#DIV/0!	**0.00**	**0.00**
91	2013OCT21_A_SligoCreek_3						#DIV/0!	**0.00**	**0.00**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1					905.041	#DIV/0!	**0.00**	**0.00**
95	2013OCT21_A_RiverdaleRd_2						#DIV/0!	**0.00**	**0.00**
96	2013OCT21_A_RiverdaleRd_3						#DIV/0!	**0.00**	**0.00**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	9.21	1155.524	804.936	403.547	1		
101	2013OCT21_A_0-05_Std_2	0.05	9.23	5598.087	2803.475	729.432	1		
102	2013OCT21_A_0-1_Std_2	0.1	9.23	18789.332	7524.274	2958.848	1		
103	2013OCT21_A_0-5_Std_2	0.5	9.23	75202.195	36302.57	11464.431	1		
104	2013OCT21_A_1_Std_2	1	9.23	144361.766	70345.477	23575.285	1		
105	2013OCT21_A_5_Std_2	5	9.23	871215.938	413838	147577.313	1		
106	2013OCT21_A_10_Std_2	10	9.23	1600967.375	777876.938	264446.75	1		
107	2013OCT21_A_25_Std_2	25	9.23	3623884.5	1715329.875	618588.813	1		

108	2013OCT21_A_50_Std_2	50	9.23	6062495.5	3054136.5	1039495.875	1
109	2013OCT21_A_100_Std_2	100	9.23	9786985	5207425	1801845	1
110	2013OCT21_A_200_Stds_2	200	9.23	12681367	8044805	2737876.75	1
111	2013OCT21_A_SolvA_38		9.23	22418.76	11865.14	4270.614	1
112	2013OCT21_A_Surrogate_2						#DIV/0!
113	2013OCT21_A_SolvA_39		9.25	1931.776	1478.5		0
114	2013OCT21_A_SolvA_40						#DIV/0!
115	2013OCT21_A_SolvA_41						#DIV/0!
116	2013OCT21_A_SolvA_42						#DIV/0!

Compound 11: Alachlor-d13

	Name	Std. Conc	RT	Area	1º Area	2º Area	Ident'd?		yes=1,no=0		
							#DIV/0!				
1	2013OCT21_SolvA_1						#DIV/0!	Samples			
2	2013OCT21_A_Lab Blk		9.22	56442.852			#DIV/0!		33807	Overall Avg	
3	2013OCT21_A_Travel Blk		9.21	46921.891			#DIV/0!		19%	RSD	
4	2013OCT21_A_0-01_Std	0.01					#DIV/0!		69%	% Rec	
5	2013OCT21_A_0-05_Std	0.05					#DIV/0!	Standard surrogate			
6	2013OCT21_A_0-1_Std	0.1					#DIV/0!		49318.41	Avg	
7	2013OCT21_A_0-5_Std	0.5					#DIV/0!		5%	RSD	
8	2013OCT21_A_1_Std	1					#DIV/0!				
9	2013OCT21_A_5_Std	5					#DIV/0!				
10	2013OCT21_A_10_Std	10					#DIV/0!				
11	2013OCT21_A_25_Std	25					#DIV/0!				
12	2013OCT21_A_50_Std	50					#DIV/0!				
13	2013OCT21_A_100_Std	100					#DIV/0!				
14	2013OCT21_A_200_Stds	200				0.967	#DIV/0!				
15	2013OCT21_A_SolvA_2						#DIV/0!				
16	2013OCT21_A_Surrogate_1		9.21	47701.656			#DIV/0!				
17	2013OCT21_A_SolvA_3						#DIV/0!				
18	2013OCT21_A_SolvA_4						#DIV/0!				
19	2013OCT21_A_MM_0		9.21	35043.43			#DIV/0!				
20	2013OCT21_A_MM_1		9.21	38508.219			#DIV/0!				
21	2013OCT21_A_MM_5		9.21	37247.711			#DIV/0!				
22	2013OCT21_A_MM_10		9.21	36998.199		229.056	#DIV/0!				
23	2013OCT21_A_MM_25		9.21	32120.535		39.794	#DIV/0!				
24	2013OCT21_A_MM_50		9.21	25872.199			#DIV/0!				
25	2013OCT21_A_MM_100		9.21	25617.328			#DIV/0!				
26	2013OCT21_A_SolvA_5						#DIV/0!				
27	2013OCT21_A_SolvA_6						#DIV/0!	Avg		Rec	
28	2013OCT21_A_BerwynRd_1		9.21	31649.359	139.881		#DIV/0!		30726		62%
29	2013OCT21_A_BerwynRd_2		9.22	28922.582		10.158	#DIV/0!		5%		
30	2013OCT21_A_BerwynRd_3		9.21	31607.543			#DIV/0!				
31	2013OCT21_A_SolvA_7				51.885		#DIV/0!				
32	2013OCT21_A_SolvA_8				11.518	63.036	#DIV/0!	Avg		Rec	
33	2013OCT21_A_UMD_1		9.21	34251.375			#DIV/0!		36050		73%
34	2013OCT21_A_UMD_2		9.21	37313.754	245.638	1104.512	#DIV/0!		4%		

35	2013OCT21_A_UMD_3	9.21	36585.555			#DIV/0!				
36	2013OCT21_A_SolvA_9			186.461		#DIV/0!				
37	2013OCT21_A_SolvA_10			11.467		#DIV/0!	Avg		Rec	
38	2013OCT21_A_Arboretum1_1	9.21	23828.77	100.152		#DIV/0!		25424		52%
39	2013OCT21_A_Arboretum1_2	9.21	25371.391			#DIV/0!		6%		
40	2013OCT21_A_Arboretum1_3	9.21	27072.529		1181.047	#DIV/0!				
41	2013OCT21_A_SolvA_11					#DIV/0!				
42	2013OCT21_A_SolvA_12					#DIV/0!	Avg		Rec	
43	2013OCT21_A_Arboretum2_1	9.21	27392.719		98.422	#DIV/0!		31373		64%
44	2013OCT21_A_Arboretum2_2	9.21	34864.59		883.379	#DIV/0!		12%		
45	2013OCT21_A_Arboretum2_3	9.21	31861.803		787.701	#DIV/0!				
46	2013OCT21_A_SolvA_13					#DIV/0!				
47	2013OCT21_A_SolvA_14					#DIV/0!				
48	2013OCT21_A_QC_Std25_1					#DIV/0!				
49	2013OCT21_A_SolvA_15					#DIV/0!				
50	2013OCT21_A_SolvA_16			126.36		#DIV/0!	Avg		Rec	
51	2013OCT21_A_NorthDr1_1	9.21	38376.035			#DIV/0!		38286		78%
52	2013OCT21_A_NorthDr1_2	9.21	40190.445			#DIV/0!		5%		
53	2013OCT21_A_NorthDr1_3	9.21	36291.445			#DIV/0!				
54	2013OCT21_A_SolvA_17			18.016		#DIV/0!				
55	2013OCT21_A_SolvA_18				506.475	#DIV/0!	Avg		Rec	
56	2013OCT21_A_NorthDr2_1	9.21	37041.625			#DIV/0!		37245		76%
57	2013OCT21_A_NorthDr2_2	9.21	35367.375		77.325	#DIV/0!		5%		
58	2013OCT21_A_NorthDr2_3	9.21	39326.867		284.974	#DIV/0!				
59	2013OCT21_A_SolvA_19					#DIV/0!				
60	2013OCT21_A_SolvA_20					#DIV/0!	Avg		Rec	
61	2013OCT21_A_AnacostiaPk_1	9.21	21036.449	209.629		#DIV/0!		22620		46%
62	2013OCT21_A_AnacostiaPk_2	9.21	26194.41			#DIV/0!		14%		
63	2013OCT21_A_AnacostiaPk_3	9.22	20628.627			#DIV/0!				
64	2013OCT21_A_SolvA_21			55.099		#DIV/0!				
65	2013OCT21_A_SolvA_22				26.438	#DIV/0!	Avg		Rec	
66	2013OCT21_A_GreenbeltPk_1	9.21	28806.643	1261.405	788.506	#DIV/0!		32422		66%
67	2013OCT21_A_GreenbeltPk_2	9.22	31973.207	365.529		#DIV/0!		12%		
68	2013OCT21_A_GreenbeltPk_3	9.22	36486.848			#DIV/0!				
69	2013OCT21_A_SolvA_23					#DIV/0!				
70	2013OCT21_A_SolvA_24					#DIV/0!	Avg		Rec	
71	2013OCT21_A_PowderMillRd_1	9.22	30137.766			#DIV/0!		29976		61%
72	2013OCT21_A_PowderMillRd_2	9.21	30758.201	150.002		#DIV/0!		3%		
73	2013OCT21_A_PowderMillRd_3	9.22	29030.65	575.894		#DIV/0!				
74	2013OCT21_A_SolvA_25					#DIV/0!				
75	2013OCT21_A_SolvA_26					#DIV/0!				
76	2013OCT21_A_QC_Std25_2					#DIV/0!				
77	2013OCT21_A_SolvA_27					#DIV/0!				
78	2013OCT21_A_SolvA_28					#DIV/0!	Avg		Rec	
79	2013OCT21_A_ResearchRd_1	9.22	36894.398			#DIV/0!		37420		76%

80	2013OCT21_A_ResearchRd_2		9.21	39355.117	58.527		#DIV/0!		5%		
81	2013OCT21_A_ResearchRd_3		9.21	36011.703			#DIV/0!				
82	2013OCT21_A_SolvA_29				137.813	540.196	#DIV/0!				
83	2013OCT21_A_SolvA_30						#DIV/0!	Avg		Rec	
84	2013OCT21_A_Skateboard_1		9.22	33115.004	165.986	588.923	#DIV/0!		33868		69%
85	2013OCT21_A_Skateboard_2		9.21	33909.551	37.243	582.898	#DIV/0!		2%		
86	2013OCT21_A_Skateboard_3		9.21	34578.078	52.004	1530.705	#DIV/0!				
87	2013OCT21_A_SolvA_31						#DIV/0!				
88	2013OCT21_A_SolvA_32						#DIV/0!	Avg		Rec	
89	2013OCT21_A_SligoCreek_1		9.21	35776.211		9.212	#DIV/0!		38307		78%
90	2013OCT21_A_SligoCreek_2		9.21	38684.977		2325.771	#DIV/0!		6%		
91	2013OCT21_A_SligoCreek_3		9.21	40460.195		3716.51	#DIV/0!				
92	2013OCT21_A_SolvA_33						#DIV/0!				
93	2013OCT21_A_SolvA_34				38.797		#DIV/0!	Avg		Rec	
94	2013OCT21_A_RiverdaleRd_1		9.21	34948.957	106.252		#DIV/0!		33861		69%
95	2013OCT21_A_RiverdaleRd_2		9.22	30576.305	1423.578	772.527	#DIV/0!		9%		
96	2013OCT21_A_RiverdaleRd_3		9.21	36057.688		1153.957	#DIV/0!				
97	2013OCT21_A_SolvA_35						#DIV/0!				
98	2013OCT21_A_SolvA_36				8.681		#DIV/0!				
99	2013OCT21_A_SolvA_37						#DIV/0!				
100	2013OCT21_A_0-01_Std_2	0.01					#DIV/0!				
101	2013OCT21_A_0-05_Std_2	0.05					#DIV/0!				
102	2013OCT21_A_0-1_Std_2	0.1					#DIV/0!				
103	2013OCT21_A_0-5_Std_2	0.5					#DIV/0!				
104	2013OCT21_A_1_Std_2	1					#DIV/0!				
105	2013OCT21_A_5_Std_2	5					#DIV/0!				
106	2013OCT21_A_10_Std_2	10					#DIV/0!				
107	2013OCT21_A_25_Std_2	25					#DIV/0!				
108	2013OCT21_A_50_Std_2	50					#DIV/0!				
109	2013OCT21_A_100_Std_2	100					#DIV/0!				
110	2013OCT21_A_200_Stds_2	200					#DIV/0!				
111	2013OCT21_A_SolvA_38				103.101	108.934	#DIV/0!				
112	2013OCT21_A_Surrogate_2		9.22	50935.164			#DIV/0!				
113	2013OCT21_A_SolvA_39						#DIV/0!				
114	2013OCT21_A_SolvA_40						#DIV/0!				
115	2013OCT21_A_SolvA_41				1.752		#DIV/0!				
116	2013OCT21_A_SolvA_42				19.2		#DIV/0!				

Compound 12: Metolachlor

								yes=1,no=0	Conc. (ng/g)
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1				3675.009		#DIV/0!		
2	2013OCT21_A_Lab Blk		9.21	364702.406	106041.641		0		
3	2013OCT21_A_Travel Blk		9.21	326135.75	92270.172		0		
4	2013OCT21_A_0-01_Std	0.01					0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05			13.218		0	0.0	-100%
6	2013OCT21_A_0-1_Std	0.1	9.29	6377.198	1387.298	609.526	1	0.3	181%

7	2013OCT21_A_0-5_Std	0.5	9.29	14442.484	4363.103	736.269	1	0.6	27%
8	2013OCT21_A_1_Std	1	9.29	21788.514	8204.61	1125.438	1	1.0	-4%
9	2013OCT21_A_5_Std	5	9.29	150317.141	45096.043	3171.859	1	6.6	32%
10	2013OCT21_A_10_Std	10	9.29	278632.469	82169.5	7134.352	1	12.3	23%
11	2013OCT21_A_25_Std	25	9.28	657931	201597.484	15464.028	1	29.0	16%
12	2013OCT21_A_50_Std	50	9.28	1133540.625	360481.719	28216.711	1	49.9	0%
13	2013OCT21_A_100_Std	100	9.29	2020106.875	660437.938	49168.043	1	89.0	-11%
14	2013OCT21_A_200_Stds	200	9.29	4454945	1253139.75	92614.859	1	196.2	-2%
15	2013OCT21_A_SolvA_2		9.3	72497.289	17205.631	2545.752	1	0.0	-100%
16	2013OCT21_A_Surrogate_1		9.21	329307.219	93797.758		0	0.1	113%
17	2013OCT21_A_SolvA_3		9.31	43464.32	9289.182	1157.159	0	0.2	92%
18	2013OCT21_A_SolvA_4		9.33	33184.855	6982.071		0	0.6	17%
19	2013OCT21_A_MM_0		9.23	337910.594	103022.539	4453.306	1	1.1	11%
20	2013OCT21_A_MM_1		9.27	371519.094	112268.695	4322.255	1	6.4	28%
21	2013OCT21_A_MM_5		9.27	461248	139170.438	5592.764	1	12.0	20%
22	2013OCT21_A_MM_10		9.28	502389.406	159662.734	8705.738	1	28.2	13%
23	2013OCT21_A_MM_25		9.28	651573.188	212709.578	12288.311	1	50.5	1%
24	2013OCT21_A_MM_50		9.28	940190.063	312372.594	20431.895	1	99.5	0%
25	2013OCT21_A_MM_100		9.29	1688215.625	559634.688	41782.148	1	208.3	4%
26	2013OCT21_A_SolvA_5				5065.537		0	Forced (0,0)	MM
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)	
28	2013OCT21_A_BerwynRd_1		9.21	262432.938	84913.023	2463.368	1	**115.57**	**198.40**
29	2013OCT21_A_BerwynRd_2		9.21	282631.688	80110.867	2022.555	1	**124.47**	**213.67**
30	2013OCT21_A_BerwynRd_3		9.21	272005.281	82403.625	1959.661	1	**119.79**	**205.63**
31	2013OCT21_A_SolvA_7						#DIV/0!		
32	2013OCT21_A_SolvA_8		9.33	17872.174	2618.263	866.17	1		
33	2013OCT21_A_UMD_1		9.28	845047	251857.25	14188.039	1	**372.15**	**638.84**
34	2013OCT21_A_UMD_2		9.28	826474.75	258674.141	14405.325	1	**363.97**	**624.80**
35	2013OCT21_A_UMD_3		9.28	826301.5	250576.813	13168.556	1	**363.90**	**624.67**
36	2013OCT21_A_SolvA_9						#DIV/0!		
37	2013OCT21_A_SolvA_10						#DIV/0!		
38	2013OCT21_A_Arboretum1_1		9.27	261696.344	86503.367	5023.703	1	**115.25**	**197.84**
39	2013OCT21_A_Arboretum1_2		9.27	267733.938	82104.953	4115.625	1	**117.91**	**202.40**
40	2013OCT21_A_Arboretum1_3		9.27	269794.719	84361.813	3963.866	1	**118.82**	**203.96**
41	2013OCT21_A_SolvA_11						#DIV/0!		
42	2013OCT21_A_SolvA_12						#DIV/0!		
43	2013OCT21_A_Arboretum2_1		9.27	347898	106515.18	6175.958	1	**153.21**	**263.01**
44	2013OCT21_A_Arboretum2_2		9.27	346957.406	104268.844	4345.533	1	**152.80**	**262.29**
45	2013OCT21_A_Arboretum2_3		9.27	341429.063	106626.797	5326.867	1	**150.36**	**258.12**
46	2013OCT21_A_SolvA_13						#DIV/0!		
47	2013OCT21_A_SolvA_14						#DIV/0!		
48	2013OCT21_A_QC_Std25_1		9.29	618052	183617.219	13907.041	1	**272.19**	**467.24**
49	2013OCT21_A_SolvA_15						#DIV/0!		
50	2013OCT21_A_SolvA_16						#DIV/0!		
51	2013OCT21_A_NorthDr1_1		9.24	472529.563	136774.938	3907.052	1	**208.10**	**357.23**
52	2013OCT21_A_NorthDr1_2		9.24	475837.406	140450.859	5134.98	1	**209.55**	**359.73**

53	2013OCT21_A_NorthDr1_3	9.24	476557.375	135582.906	6331.079	1	**209.87**	**360.27**
54	2013OCT21_A_SolvA_17					#DIV/0!		
55	2013OCT21_A_SolvA_18					#DIV/0!		
56	2013OCT21_A_NorthDr2_1	9.23	421800.813	129922.938	6408.828	1	**185.76**	**318.88**
57	2013OCT21_A_NorthDr2_2	9.27	444383.406	133348.672	4192.967	1	**195.70**	**335.95**
58	2013OCT21_A_NorthDr2_3	9.24	443299.219	126990.023	4765.184	1	**195.23**	**335.13**
59	2013OCT21_A_SolvA_19			0.678		#DIV/0!		
60	2013OCT21_A_SolvA_20					#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	9.23	167993.922	54844.887	2397.459	1	**73.98**	**127.00**
62	2013OCT21_A_AnacostiaPk_2	9.23	178868.734	55636.918	3498.319	1	**78.77**	**135.22**
63	2013OCT21_A_AnacostiaPk_3	9.23	168983.359	48912.961	2517.554	1	**74.42**	**127.75**
64	2013OCT21_A_SolvA_21			426.24		#DIV/0!		
65	2013OCT21_A_SolvA_22					#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	9.21	207126.984	64893.688	1862.902	1	**91.22**	**156.59**
67	2013OCT21_A_GreenbeltPk_2	9.21	207541.156	64746.199	2954.292	1	**91.40**	**156.90**
68	2013OCT21_A_GreenbeltPk_3	9.21	209813.344	64028.797	3526.392	1	**92.40**	**158.62**
69	2013OCT21_A_SolvA_23					#DIV/0!		
70	2013OCT21_A_SolvA_24			219.06		#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	9.22	270855.906	83093.148	3173.398	1	**119.28**	**204.76**
72	2013OCT21_A_PowderMillRd_2	9.22	293075.375	87825.211	2731.35	1	**129.07**	**221.56**
73	2013OCT21_A_PowderMillRd_3	9.22	284317.344	90889	2100.383	1	**125.21**	**214.94**
74	2013OCT21_A_SolvA_25					#DIV/0!		
75	2013OCT21_A_SolvA_26					#DIV/0!		
76	2013OCT21_A_QC_Std25_2	9.29	632403.188	191750.359	14064.681	1	**278.51**	**478.09**
77	2013OCT21_A_SolvA_27					#DIV/0!		
78	2013OCT21_A_SolvA_28			862.005		#DIV/0!		
79	2013OCT21_A_ResearchRd_1	9.21	271026.563	83336.781	2475.398	1	**119.36**	**204.89**
80	2013OCT21_A_ResearchRd_2	9.21	275624.594	85534.852	1924.896	1	**121.38**	**208.37**
81	2013OCT21_A_ResearchRd_3	9.21	279440.813	84639.867	1651.471	1	**123.06**	**211.25**
82	2013OCT21_A_SolvA_29					#DIV/0!		
83	2013OCT21_A_SolvA_30					#DIV/0!		
84	2013OCT21_A_Skateboard_1	9.21	195636.922	60262.359	1304.283	1	**86.16**	**147.90**
85	2013OCT21_A_Skateboard_2	9.21	197478.141	62373.027	951.978	1	**86.97**	**149.29**
86	2013OCT21_A_Skateboard_3	9.21	195389.234	63326.496	2022.242	1	**86.05**	**147.71**
87	2013OCT21_A_SolvA_31					#DIV/0!		
88	2013OCT21_A_SolvA_32			2.524	27.513	#DIV/0!		
89	2013OCT21_A_SligoCreek_1	9.21	223650.984	67018.938	2307.448	1	**98.49**	**169.08**
90	2013OCT21_A_SligoCreek_2	9.21	227603	67345.734	2672.668	1	**100.23**	**172.06**
91	2013OCT21_A_SligoCreek_3	9.21	224130.406	71518.695	1958.134	1	**98.71**	**169.44**
92	2013OCT21_A_SolvA_33					#DIV/0!		
93	2013OCT21_A_SolvA_34					#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1	9.28	572053.563	186057.938	10263.556	1	**251.93**	**432.46**
95	2013OCT21_A_RiverdaleRd_2	9.28	567959.375	180686.516	9452.528	1	**250.12**	**429.37**
96	2013OCT21_A_RiverdaleRd_3	9.28	568007.438	176534.281	9284.246	1	**250.15**	**429.41**
97	2013OCT21_A_SolvA_35					#DIV/0!		

98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37				643.416		#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01					#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05	9.28	2423.118	939.842		0		
102	2013OCT21_A_0-1_Std_2	0.1	9.29	4361.39	1706.275		0		
103	2013OCT21_A_0-5_Std_2	0.5	9.29	13297.483	5465.062	729.252	1		
104	2013OCT21_A_1_Std_2	1	9.29	25189.594	8008.782		0		
105	2013OCT21_A_5_Std_2	5	9.29	144929.328	45397.074	4146.459	1		
106	2013OCT21_A_10_Std_2	10	9.29	273035.781	90583.297	6248.162	1		
107	2013OCT21_A_25_Std_2	25	9.29	640717.938	197749.281	14195.837	1		
108	2013OCT21_A_50_Std_2	50	9.28	1147528.375	374502.75	29220.512	1		
109	2013OCT21_A_100_Std_2	100	9.29	2259941.75	728849.125	54274.141	1		
110	2013OCT21_A_200_Stds_2	200	9.29	4728944.5	1374815.5	101035.109	1		
111	2013OCT21_A_SolvA_38						#DIV/0!		
112	2013OCT21_A_Surrogate_2		9.21	334687.281	101191.75		0		
113	2013OCT21_A_SolvA_39						#DIV/0!		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41						#DIV/0!		
116	2013OCT21_A_SolvA_42					342.691	#DIV/0!		
Compound 13: Metolachlor-d6								**yes=1,no=0**	
							Ident'd?		
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1						#DIV/0!		
2	2013OCT21_A_Lab Blk		9.28	8250585	5477685.5	1281901.75	1	**7184384**	**Avg**
3	2013OCT21_A_Travel Blk		9.28	7794437.5	4987675.5	1146521.125	1	**9%**	**RSD**
4	2013OCT21_A_0-01_Std	0.01	9.28	7195267	4473107.5	980988.625	1		
5	2013OCT21_A_0-05_Std	0.05	9.28	7494817	4771128.5	1267269.625	1		
6	2013OCT21_A_0-1_Std	0.1	9.28	8323604.5	5649263	1370602	1		
7	2013OCT21_A_0-5_Std	0.5	9.28	7836098	5085065.5	1156243.125	1		
8	2013OCT21_A_1_Std	1	9.28	7598929.5	4810184.5	1076384.875	1		
9	2013OCT21_A_5_Std	5	9.28	8155342.5	5356228.5	1239020.25	1		
10	2013OCT21_A_10_Std	10	9.28	7957873.5	5131886	1178130.375	1		
11	2013OCT21_A_25_Std	25	9.28	7781991	4977285	1139606.625	1		
12	2013OCT21_A_50_Std	50	9.28	7626637	4865851.5	1095759.75	1		
13	2013OCT21_A_100_Std	100	9.28	7317863	4283207	925501.563	1		
14	2013OCT21_A_200_Stds	200	9.28	7600978	3576872.5	873597.938	1		
15	2013OCT21_A_SolvA_2		9.28	18027.301	4237.423	18205.725	0		
16	2013OCT21_A_Surrogate_1					9086.122	0		
17	2013OCT21_A_SolvA_3		9.28	6204.392	1602.096	60.77	0		
18	2013OCT21_A_SolvA_4		9.29	5756.349	927.875	7308.408	0		
19	2013OCT21_A_MM_0		9.28	6647391.5	3869165.75	792234.188	1		
20	2013OCT21_A_MM_1		9.28	6873682.5	4183710	1055339.75	1		
21	2013OCT21_A_MM_5		9.28	6994933	4151952.25	869988.625	1		
22	2013OCT21_A_MM_10		9.28	6767759	3948892	798273.063	1		
23	2013OCT21_A_MM_25		9.28	6609224.5	3083108	765953.313	1		
24	2013OCT21_A_MM_50		9.28	6631787.5	3040242.5	727727.938	1		

25	2013OCT21_A_MM_100	9.28	6905015.5	3347274.75	830323.938	1
26	2013OCT21_A_SolvA_5	9.27	13257.126	5373.829	5331.922	0
27	2013OCT21_A_SolvA_6	9.28	5378.55	1499.262	4365.739	0
28	2013OCT21_A_BerwynRd_1	9.28	7337404	4180276.5	877496	1
29	2013OCT21_A_BerwynRd_2	9.28	7100298.5	4241250	897032.75	1
30	2013OCT21_A_BerwynRd_3	9.28	7144680.5	4198380.5	894662.188	1
31	2013OCT21_A_SolvA_7	9.27	18459.842	5567.095	3685.669	0
32	2013OCT21_A_SolvA_8	9.28	5761.599	1673.863	4140.345	0
33	2013OCT21_A_UMD_1	9.28	7269099.5	4287353.5	901752.438	1
34	2013OCT21_A_UMD_2	9.28	7239293	4297690	909867.438	1
35	2013OCT21_A_UMD_3	9.28	7213100.5	4309882.5	891466.313	1
36	2013OCT21_A_SolvA_9	9.28	18558.887	4087.483	5213.258	0
37	2013OCT21_A_SolvA_10	9.27	7259.134	2567.228	1.775	0
38	2013OCT21_A_Arboretum1_1	9.27	6019675	2381715.25	570682	1
39	2013OCT21_A_Arboretum1_2	9.27	6063927.5	2330737.75	569907.438	1
40	2013OCT21_A_Arboretum1_3	9.27	5987042.5	2410718.5	588265.5	1
41	2013OCT21_A_SolvA_11	9.27	13710.19	3992.792	5550.948	0
42	2013OCT21_A_SolvA_12	9.27	6957.333	1264.622	4325.414	0
43	2013OCT21_A_Arboretum2_1	9.28	6531207	3030040.75	745290.25	1
44	2013OCT21_A_Arboretum2_2	9.28	6564019.5	2993650.25	727573.313	1
45	2013OCT21_A_Arboretum2_3	9.28	6527284	3077521.25	747743.938	1
46	2013OCT21_A_SolvA_13	9.27	16212.617	4711.249	5964.432	0
47	2013OCT21_A_SolvA_14	9.27	9159.185	1906.534	6023.146	0
48	2013OCT21_A_QC_Std25_1	9.28	7853360.5	4798965	1063262.125	1
49	2013OCT21_A_SolvA_15	9.27	16364.319	3596.422	3555.586	0
50	2013OCT21_A_SolvA_16	9.28	6523.091	1010.225	4624.946	0
51	2013OCT21_A_NorthDr1_1	9.28	7354470.5	4492157	961017.688	1
52	2013OCT21_A_NorthDr1_2	9.28	7352904	4494656.5	967123.375	1
53	2013OCT21_A_NorthDr1_3	9.28	7354849	4573850.5	995798.75	1
54	2013OCT21_A_SolvA_17	9.27	22478.787	6243.418	5419.585	0
55	2013OCT21_A_SolvA_18	9.27	5934.818		3.378	#DIV/0!
56	2013OCT21_A_NorthDr2_1	9.28	7287212	4309738.5	932996	1
57	2013OCT21_A_NorthDr2_2	9.28	7198228	4377863.5	947251.813	1
58	2013OCT21_A_NorthDr2_3	9.28	7311094	4403109	926822.688	1
59	2013OCT21_A_SolvA_19	9.27	18617.762		5806.039	#DIV/0!
60	2013OCT21_A_SolvA_20	9.26	7237.174	1150.017	2296.375	0
61	2013OCT21_A_AnacostiaPk_1	9.27	5646479	2144842.75	514026.938	1
62	2013OCT21_A_AnacostiaPk_2	9.27	5696779.5	2199723.5	524274.563	1
63	2013OCT21_A_AnacostiaPk_3	9.27	5726322.5	2109782.25	512282.563	1
64	2013OCT21_A_SolvA_21	9.27	17477.201	5165.082	5276.491	0
65	2013OCT21_A_SolvA_22	9.27	8729.706		5198.63	#DIV/0!
66	2013OCT21_A_GreenbeltPk_1	9.28	6557629	2970686.5	745297.688	1
67	2013OCT21_A_GreenbeltPk_2	9.28	6562540	2967136.25	732767.125	1
68	2013OCT21_A_GreenbeltPk_3	9.28	6551676	2899779.25	704992.563	1
69	2013OCT21_A_SolvA_23	9.28	20483.221	3754.266	4096.455	0

70	2013OCT21_A_SolvA_24						#DIV/0!
71	2013OCT21_A_PowderMillRd_1		9.28	7000636.5	3220086.25	774216	1
72	2013OCT21_A_PowderMillRd_2		9.28	6833801	3294389.25	785834.875	1
73	2013OCT21_A_PowderMillRd_3		9.28	6791323	3339809	806803	1
74	2013OCT21_A_SolvA_25		9.28	19999.676	6044.845	4581.51	0
75	2013OCT21_A_SolvA_26		9.28	12171.94	2555.066	5.924	0
76	2013OCT21_A_QC_Std25_2		9.28	7724027.5	4968709.5	1141055.25	1
77	2013OCT21_A_SolvA_27		9.27	18128.139	4791.054	4696.136	0
78	2013OCT21_A_SolvA_28		9.28	10453.287	1825.319	2287.51	0
79	2013OCT21_A_ResearchRd_1		9.28	7401486	4370327	912623.625	1
80	2013OCT21_A_ResearchRd_2		9.28	7220221	4449461.5	944930.688	1
81	2013OCT21_A_ResearchRd_3		9.28	7174258.5	4492598.5	945117.438	1
82	2013OCT21_A_SolvA_29		9.28	18138.068	5336.318	3392.397	0
83	2013OCT21_A_SolvA_30		9.27	3654.465		1565.133	#DIV/0!
84	2013OCT21_A_Skateboard_1		9.28	6518519.5	3099456.75	745322.5	1
85	2013OCT21_A_Skateboard_2		9.28	6566066.5	3068563	754261.188	1
86	2013OCT21_A_Skateboard_3		9.27	6457942	3782201.25	780116.875	1
87	2013OCT21_A_SolvA_31		9.27	17773.418	5476.061	5025.465	0
88	2013OCT21_A_SolvA_32		9.27	9828.34	2997.428	4612.898	0
89	2013OCT21_A_SligoCreek_1		9.28	6797336.5	4101908.5	846662.625	1
90	2013OCT21_A_SligoCreek_2		9.28	6830927.5	4111942.75	832392.125	1
91	2013OCT21_A_SligoCreek_3		9.28	6822275.5	4155174.25	864127	1
92	2013OCT21_A_SolvA_33		9.27	17872.826	6073.452	1637.841	1
93	2013OCT21_A_SolvA_34						#DIV/0!
94	2013OCT21_A_RiverdaleRd_1		9.28	7106372.5	4383991.5	919551.438	1
95	2013OCT21_A_RiverdaleRd_2		9.28	7111571.5	4429270	945680.75	1
96	2013OCT21_A_RiverdaleRd_3		9.28	7126479	4313211.5	917554.813	1
97	2013OCT21_A_SolvA_35		9.27	18674.674	6272.189	3289	0
98	2013OCT21_A_SolvA_36		9.27	5915.947	1324.601	2213.893	0
99	2013OCT21_A_SolvA_37		9.27	5800.855	1282.177	3.417	0
100	2013OCT21_A_0-01_Std_2	0.01	9.28	7190946.5	4476990	973887.75	1
101	2013OCT21_A_0-05_Std_2	0.05	9.28	7395306.5	4708665	1040545.063	1
102	2013OCT21_A_0-1_Std_2	0.1	9.28	8126522	5575877.5	1322244.5	1
103	2013OCT21_A_0-5_Std_2	0.5	9.28	7659781	5096049.5	1183400.75	1
104	2013OCT21_A_1_Std_2	1	9.28	7610211	4863709.5	1076127.5	1
105	2013OCT21_A_5_Std_2	5	9.28	8004441.5	5475279.5	1313388.5	1
106	2013OCT21_A_10_Std_2	10	9.28	8008801.5	5283627	1219610.5	1
107	2013OCT21_A_25_Std_2	25	9.28	7820097.5	5100421.5	1144917.25	1
108	2013OCT21_A_50_Std_2	50	9.28	7749059	5100621.5	1154987.25	1
109	2013OCT21_A_100_Std_2	100	9.28	7615840	4825081.5	1034017.063	1
110	2013OCT21_A_200_Stds_2	200	9.28	7935707.5	4589780	987111.625	1
111	2013OCT21_A_SolvA_38		9.27	22101.746	4724.717	4486.186	0
112	2013OCT21_A_Surrogate_2		9.27	2846.091	425.839	1393.782	0
113	2013OCT21_A_SolvA_39		9.28	8220.537	1121.339	2731.554	0
114	2013OCT21_A_SolvA_40		9.27	4654.405	1483.961	1810.469	0
115	2013OCT21_A_SolvA_41						#DIV/0!

116 2013OCT21_A_SolvA_42 #DIV/0!

Compound 15: Acesulfame

#	Name	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**	**yes=1,no=0 Calc'd**		**Conc. (ng/g) %diff**
							0			
1	2013OCT21_SolvA_1		1.48	0.438	0.625		0			#DIV/0!
2	2013OCT21_A_Lab Blk						0			#DIV/0!
3	2013OCT21_A_Travel Blk		1.33	0.406	0.414		0			#DIV/0!
4	2013OCT21_A_0-01_Std	0.01			0.152		0	0.00		-100%
5	2013OCT21_A_0-05_Std	0.05			0.469		0	0.00		-100%
6	2013OCT21_A_0-1_Std	0.1			2.562		0	0.00		-100%
7	2013OCT21_A_0-5_Std	0.5			35.043		0	0.00		-100%
8	2013OCT21_A_1_Std	1	1.45	3456.352	435.317		1	1.1		5%
9	2013OCT21_A_5_Std	5	1.45	18255.584	2395.691		1	5.6		11%
10	2013OCT21_A_10_Std	10	1.45	37506.648	4831.041		1	11.4		14%
11	2013OCT21_A_25_Std	25	1.45	95517.055	11218.758		1	29.1		16%
12	2013OCT21_A_50_Std	50	1.45	177499.047	21061.492		1	54.0		8%
13	2013OCT21_A_100_Std	100	1.45	328822.25	45343.793		1	100.0		0%
14	2013OCT21_A_200_Stds	200	1.45	624657.188	82268.336		1	190.0		-5%
15	2013OCT21_A_SolvA_2						#DIV/0!	0.00		-100%
16	2013OCT21_A_Surrogate_1				0.406		0	0.00		-100%
17	2013OCT21_A_SolvA_3				0.22		0	0.00		-100%
18	2013OCT21_A_SolvA_4				0.649		0	0.5		-3%
19	2013OCT21_A_MM_0				5.726		#DIV/0!	1.1		8%
20	2013OCT21_A_MM_1		1.46	5219.369	418.447		1	5.8		15%
21	2013OCT21_A_MM_5		1.45	23289.35	2814.522		1	11.5		15%
22	2013OCT21_A_MM_10		1.45	44725.473	5122.188		1	28.5		14%
23	2013OCT21_A_MM_25		1.45	90109.414	10622.322		1	58.4		17%
24	2013OCT21_A_MM_50		1.45	167288.953	20964.67		1	112.4		12%
25	2013OCT21_A_MM_100		1.45	373915.531	47325.508		1	199.5		0%
26	2013OCT21_A_SolvA_5				0.401		0	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)		
28	2013OCT21_A_BerwynRd_1		1.45	797.167	58.095		1	**2.42**		**2.17**
29	2013OCT21_A_BerwynRd_2		1.45	806.739	28.329		1	**2.45**		**2.20**
30	2013OCT21_A_BerwynRd_3		1.42	756.861	5.182		0	**2.30**		**2.06**
31	2013OCT21_A_SolvA_7				0.342		#DIV/0!			
32	2013OCT21_A_SolvA_8						#DIV/0!			
33	2013OCT21_A_UMD_1		1.44	668.99	62.05		1	**2.03**		**1.82**
34	2013OCT21_A_UMD_2		1.45	528.882	7.104		0	**1.61**		**1.44**
35	2013OCT21_A_UMD_3		1.46	436.084	15.921		1	**1.33**		**1.19**
36	2013OCT21_A_SolvA_9						#DIV/0!			
37	2013OCT21_A_SolvA_10				1.18		#DIV/0!			
38	2013OCT21_A_Arboretum1_1		1.45	1308.569	44.674		1	**3.98**		**3.57**
39	2013OCT21_A_Arboretum1_2		1.45	1598.068	142.418		1	**4.86**		**4.36**
40	2013OCT21_A_Arboretum1_3		1.45	1336.176	130.357		1	**4.06**		**3.64**
41	2013OCT21_A_SolvA_11				0.442		#DIV/0!			
42	2013OCT21_A_SolvA_12						#DIV/0!			

43	2013OCT21_A_Arboretum2_1	1.46	1375.099	54.933	1	**4.18**	**3.75**
44	2013OCT21_A_Arboretum2_2	1.44	1652.024	49.483	1	**5.03**	**4.51**
45	2013OCT21_A_Arboretum2_3	1.44	1567.529	66.39	1	**4.77**	**4.28**
46	2013OCT21_A_SolvA_13			0.468	#DIV/0!		
47	2013OCT21_A_SolvA_14				#DIV/0!		
48	2013OCT21_A_QC_Std25_1	1.45	102748.031	12381.767	1	**312.55**	**280.28**
49	2013OCT21_A_SolvA_15				#DIV/0!		
50	2013OCT21_A_SolvA_16				#DIV/0!		
51	2013OCT21_A_NorthDr1_1	1.46	483.776	2.184	0	**1.47**	**1.32**
52	2013OCT21_A_NorthDr1_2	1.46	481.264	2.114	0	**1.46**	**1.31**
53	2013OCT21_A_NorthDr1_3	1.44	419.786	18.245	1	**1.28**	**1.15**
54	2013OCT21_A_SolvA_17				#DIV/0!		
55	2013OCT21_A_SolvA_18				#DIV/0!		
56	2013OCT21_A_NorthDr2_1	1.45	532.348	39.237	1	**1.62**	**1.45**
57	2013OCT21_A_NorthDr2_2	1.45	639.794	16.397	0	**1.95**	**1.75**
58	2013OCT21_A_NorthDr2_3	1.46	388.047	27.417	1	**1.18**	**1.06**
59	2013OCT21_A_SolvA_19	1.41	2.54	1.071	0		
60	2013OCT21_A_SolvA_20				#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	1.43	1714.611	88.735	1	**5.22**	**4.68**
62	2013OCT21_A_AnacostiaPk_2	1.44	2007.863	94.493	1	**6.11**	**5.48**
63	2013OCT21_A_AnacostiaPk_3	1.43	1624.987	179.687	1	**4.94**	**4.43**
64	2013OCT21_A_SolvA_21				#DIV/0!		
65	2013OCT21_A_SolvA_22				#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	1.46	828.212	50.33	1	**2.52**	**2.26**
67	2013OCT21_A_GreenbeltPk_2	1.46	1474.67	83.529	1	**4.49**	**4.02**
68	2013OCT21_A_GreenbeltPk_3	1.48	1141.067	71.74	1	**3.47**	**3.11**
69	2013OCT21_A_SolvA_23			0.532	#DIV/0!		
70	2013OCT21_A_SolvA_24			0.782	#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	1.45	769.519	1.171	0	**2.34**	**2.10**
72	2013OCT21_A_PowderMillRd_2	1.46	643.39	8.541	0	**1.96**	**1.76**
73	2013OCT21_A_PowderMillRd_3	1.45	490.494	36.724	1	**1.49**	**1.34**
74	2013OCT21_A_SolvA_25				#DIV/0!		
75	2013OCT21_A_SolvA_26				#DIV/0!		
76	2013OCT21_A_QC_Std25_2	1.45	98804.492	13841.4	1	**300.55**	**269.52**
77	2013OCT21_A_SolvA_27				#DIV/0!		
78	2013OCT21_A_SolvA_28				#DIV/0!		
79	2013OCT21_A_ResearchRd_1			0.851	#DIV/0!	**0.00**	**0.00**
80	2013OCT21_A_ResearchRd_2			1.025	#DIV/0!	**0.00**	**0.00**
81	2013OCT21_A_ResearchRd_3			0.598	#DIV/0!	**0.00**	**0.00**
82	2013OCT21_A_SolvA_29				#DIV/0!		
83	2013OCT21_A_SolvA_30				#DIV/0!		
84	2013OCT21_A_Skateboard_1	1.44	1667.539	90.71	1	**5.07**	**4.55**
85	2013OCT21_A_Skateboard_2	1.43	2247.318	71.305	1	**6.84**	**6.13**
86	2013OCT21_A_Skateboard_3	1.43	1808.606	38.37	0	**5.50**	**4.93**
87	2013OCT21_A_SolvA_31				#DIV/0!		

88	2013OCT21_A_SolvA_32				0.156		#DIV/0!		
89	2013OCT21_A_SligoCreek_1		1.45	2152.347	177.348		1	**6.55**	**5.87**
90	2013OCT21_A_SligoCreek_2		1.46	2250.63	76.872		1	**6.85**	**6.14**
91	2013OCT21_A_SligoCreek_3		1.46	2210.959	288.038		1	**6.73**	**6.03**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34				0.393		#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		1.46	1021.915	27.958		1	**3.11**	**2.79**
95	2013OCT21_A_RiverdaleRd_2		1.44	903.295	37.128		1	**2.75**	**2.46**
96	2013OCT21_A_RiverdaleRd_3		1.46	782.094	51.328		1	**2.38**	**2.13**
97	2013OCT21_A_SolvA_35				0.659		#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01					#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05			0.438		#DIV/0!		
102	2013OCT21_A_0-1_Std_2	0.1			0.301		#DIV/0!		
103	2013OCT21_A_0-5_Std_2	0.5	1.46	1591.487	71.017		1		
104	2013OCT21_A_1_Std_2	1	1.45	3564.885	262.935		1		
105	2013OCT21_A_5_Std_2	5	1.45	18961.479	2590.356		1		
106	2013OCT21_A_10_Std_2	10	1.45	37649.023	4052.945		1		
107	2013OCT21_A_25_Std_2	25	1.45	93573.969	10559.774		1		
108	2013OCT21_A_50_Std_2	50	1.46	192082.672	21855.158		1		
109	2013OCT21_A_100_Std_2	100	1.46	369621	46068.848		1		
110	2013OCT21_A_200_Stds_2	200	1.46	655960.375	84487.367		1		
111	2013OCT21_A_SolvA_38		1.42	0.446	0.406		0		
112	2013OCT21_A_Surrogate_2		1.33	0.692			0		
113	2013OCT21_A_SolvA_39		1.41	0.524	0.875		0		
114	2013OCT21_A_SolvA_40		1.36	0.449	0.43		0		
115	2013OCT21_A_SolvA_41						#DIV/0!		
116	2013OCT21_A_SolvA_42		1.37	1.008	0.434		0		

Compound 16: Acesulfame-d4

	Name	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**	**yes=1,no=0**	
							0		
1	2013OCT21_SolvA_1						0		
2	2013OCT21_A_Lab Blk		1.44	227345.656	40437.5		0	**255339**	**Avg**
3	2013OCT21_A_Travel Blk		1.44	223496.453	40089.109		0	**6%**	**RSD**
4	2013OCT21_A_0-01_Std	0.01	1.44	232556.75	40253.73		0		
5	2013OCT21_A_0-05_Std	0.05	1.44	240519.344	42139.547		0		
6	2013OCT21_A_0-1_Std	0.1	1.44	271795.063	45503.402		0		
7	2013OCT21_A_0-5_Std	0.5	1.44	265336.031	47067.563		1		
8	2013OCT21_A_1_Std	1	1.44	263602.781	47187.012		1		
9	2013OCT21_A_5_Std	5	1.44	236442.047	40091.031		1		
10	2013OCT21_A_10_Std	10	1.44	227264.391	39865.801		1		
11	2013OCT21_A_25_Std	25	1.44	238082.469	39726.852		1		
12	2013OCT21_A_50_Std	50	1.44	225780.547	42289.363		1		
13	2013OCT21_A_100_Std	100	1.44	212700.844	37971.875		1		
14	2013OCT21_A_200_Stds	200	1.44	208540.016	35625.184		1		

15	2013OCT21_A_SolvA_2			0.473	#DIV/0!
16	2013OCT21_A_Surrogate_1	1.3	0.195		0
17	2013OCT21_A_SolvA_3	1.31	1.594	0.68	0
18	2013OCT21_A_SolvA_4	1.31	0.317		0
19	2013OCT21_A_MM_0	1.44	244625.656	41263.203	1
20	2013OCT21_A_MM_1	1.44	300776.375	54036.902	1
21	2013OCT21_A_MM_5	1.44	295950.344	52540.32	1
22	2013OCT21_A_MM_10	1.44	289872.875	50060.82	1
23	2013OCT21_A_MM_25	1.44	233310.188	38747.832	1
24	2013OCT21_A_MM_50	1.44	233887.563	41447.152	1
25	2013OCT21_A_MM_100	1.44	275117.875	49872.043	1
26	2013OCT21_A_SolvA_5	1.37	13.018	0.57	0
27	2013OCT21_A_SolvA_6	1.43	0.528	0.414	0
28	2013OCT21_A_BerwynRd_1	1.44	279202.438	49547.496	1
29	2013OCT21_A_BerwynRd_2	1.44	288060.094	47136.418	1
30	2013OCT21_A_BerwynRd_3	1.44	267260.531	48177.539	1
31	2013OCT21_A_SolvA_7			0.882	#DIV/0!
32	2013OCT21_A_SolvA_8				#DIV/0!
33	2013OCT21_A_UMD_1	1.44	267956.75	47979.535	1
34	2013OCT21_A_UMD_2	1.44	261410.188	46375.031	1
35	2013OCT21_A_UMD_3	1.44	269099.063	44752.188	1
36	2013OCT21_A_SolvA_9				#DIV/0!
37	2013OCT21_A_SolvA_10			0.352	#DIV/0!
38	2013OCT21_A_Arboretum1_1	1.44	270184.188	45883.309	1
39	2013OCT21_A_Arboretum1_2	1.44	254929.984	44807.629	1
40	2013OCT21_A_Arboretum1_3	1.43	267170.031	46493.648	1
41	2013OCT21_A_SolvA_11				#DIV/0!
42	2013OCT21_A_SolvA_12			0.211	#DIV/0!
43	2013OCT21_A_Arboretum2_1	1.44	269409.75	48443.922	1
44	2013OCT21_A_Arboretum2_2	1.44	272580.406	48036.398	1
45	2013OCT21_A_Arboretum2_3	1.44	266467.594	49642.133	1
46	2013OCT21_A_SolvA_13				#DIV/0!
47	2013OCT21_A_SolvA_14				#DIV/0!
48	2013OCT21_A_QC_Std25_1	1.44	251078.047	41302.547	1
49	2013OCT21_A_SolvA_15	1.36	0.43	0.328	0
50	2013OCT21_A_SolvA_16				#DIV/0!
51	2013OCT21_A_NorthDr1_1	1.44	248911.781	44863.734	1
52	2013OCT21_A_NorthDr1_2	1.44	259643.063	44878.223	1
53	2013OCT21_A_NorthDr1_3	1.44	265628.563	43311.281	1
54	2013OCT21_A_SolvA_17	1.3	1.657	1.348	0
55	2013OCT21_A_SolvA_18	1.43	0.969	0.491	0
56	2013OCT21_A_NorthDr2_1	1.44	261197.047	47908.707	1
57	2013OCT21_A_NorthDr2_2	1.44	267377.875	46065.402	1
58	2013OCT21_A_NorthDr2_3	1.44	266545.938	45220.234	1
59	2013OCT21_A_SolvA_19				#DIV/0!
60	2013OCT21_A_SolvA_20	1.28	0.316	0.371	0

61	2013OCT21_A_AnacostiaPk_1		1.44	266773.125	45684.984	1
62	2013OCT21_A_AnacostiaPk_2		1.43	263976.563	46401.348	1
63	2013OCT21_A_AnacostiaPk_3		1.44	258325.594	44875.461	1
64	2013OCT21_A_SolvA_21		1.27	0.864	0.235	1
65	2013OCT21_A_SolvA_22		1.33	0.738	0.687	0
66	2013OCT21_A_GreenbeltPk_1		1.44	246000.031	44931.758	1
67	2013OCT21_A_GreenbeltPk_2		1.44	245967.672	43575.387	1
68	2013OCT21_A_GreenbeltPk_3		1.44	253506.484	43346.078	1
69	2013OCT21_A_SolvA_23					#DIV/0!
70	2013OCT21_A_SolvA_24				0.446	#DIV/0!
71	2013OCT21_A_PowderMillRd_1		1.44	256698.297	43537.16	1
72	2013OCT21_A_PowderMillRd_2		1.44	255450.453	45905.359	1
73	2013OCT21_A_PowderMillRd_3		1.44	251595.172	44713.609	1
74	2013OCT21_A_SolvA_25					#DIV/0!
75	2013OCT21_A_SolvA_26		1.34	0.434	0.438	0
76	2013OCT21_A_QC_Std25_2		1.44	256457.406	43336.891	1
77	2013OCT21_A_SolvA_27		1.46	0.156	0.086	0
78	2013OCT21_A_SolvA_28					#DIV/0!
79	2013OCT21_A_ResearchRd_1		1.44	270705.156	48437.535	1
80	2013OCT21_A_ResearchRd_2		1.44	273733.906	47172.285	1
81	2013OCT21_A_ResearchRd_3		1.44	273884.563	46100.594	1
82	2013OCT21_A_SolvA_29		1.38	1.102	0.544	0
83	2013OCT21_A_SolvA_30		1.37	0.301	27.27	0
84	2013OCT21_A_Skateboard_1		1.44	255551.656	45275.184	1
85	2013OCT21_A_Skateboard_2		1.44	255607.547	42911.703	1
86	2013OCT21_A_Skateboard_3		1.44	244147.953	41881.145	1
87	2013OCT21_A_SolvA_31		1.36	0.176	0.305	0
88	2013OCT21_A_SolvA_32		1.44	1.079	0.365	1
89	2013OCT21_A_SligoCreek_1		1.44	258710.734	46498.02	1
90	2013OCT21_A_SligoCreek_2		1.44	252477.969	44331.215	1
91	2013OCT21_A_SligoCreek_3		1.44	253387.547	43212.617	1
92	2013OCT21_A_SolvA_33					#DIV/0!
93	2013OCT21_A_SolvA_34		1.41	0.328	0.653	0
94	2013OCT21_A_RiverdaleRd_1		1.44	283121.938	45031.828	1
95	2013OCT21_A_RiverdaleRd_2		1.44	262617.938	45304.855	1
96	2013OCT21_A_RiverdaleRd_3		1.44	270786.781	47664.586	1
97	2013OCT21_A_SolvA_35					#DIV/0!
98	2013OCT21_A_SolvA_36		1.36	0.01	0.515	0
99	2013OCT21_A_SolvA_37				0.61	#DIV/0!
100	2013OCT21_A_0-01_Std_2	0.01	1.44	265671.656	47440.73	1
101	2013OCT21_A_0-05_Std_2	0.05	1.44	250578.266	44940.234	1
102	2013OCT21_A_0-1_Std_2	0.1	1.44	256986.453	44722.082	1
103	2013OCT21_A_0-5_Std_2	0.5	1.44	252928.547	43343.125	1
104	2013OCT21_A_1_Std_2	1	1.44	252386.641	43802.91	1
105	2013OCT21_A_5_Std_2	5	1.44	252875.375	44144.969	1
106	2013OCT21_A_10_Std_2	10	1.44	252122.188	43953.109	1

107	2013OCT21_A_25_Std_2	25	1.44	245615.609	39711.484		1		
108	2013OCT21_A_50_Std_2	50	1.44	265304.719	44587.523		1		
109	2013OCT21_A_100_Std_2	100	1.44	240745.844	40956.445		1		
110	2013OCT21_A_200_Stds_2	200	1.44	224727.594	38586.625		1		
111	2013OCT21_A_SolvA_38		1.32	0.008	0.287		0		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39						#DIV/0!		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41						#DIV/0!		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 17: Cyclamate

	Name	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**	**yes=1,no=0** **Calc'd**	**Conc. (ng/g)** **%diff**
							0		
1	2013OCT21_SolvA_1						0		#DIV/0!
2	2013OCT21_A_Lab Blk						0		#DIV/0!
3	2013OCT21_A_Travel Blk						0		#DIV/0!
4	2013OCT21_A_0-01_Std	0.01					0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05			0.076		0	0.0	-100%
6	2013OCT21_A_0-1_Std	0.1	2.14	630.969			0	0.1	-2%
7	2013OCT21_A_0-5_Std	0.5	2.14	4807.046	41.099		1	0.7	49%
8	2013OCT21_A_1_Std	1	2.14	9318.563	94.727		1	1.4	45%
9	2013OCT21_A_5_Std	5	2.14	41366.371	798.79		1	6.4	29%
10	2013OCT21_A_10_Std	10	2.14	82485.07	1379.411		1	12.8	28%
11	2013OCT21_A_25_Std	25	2.14	212273.594	4275.825		1	33.0	32%
12	2013OCT21_A_50_Std	50	2.14	379028.188	7272.556		1	58.9	18%
13	2013OCT21_A_100_Std	100	2.14	690086.25	13900.981		1	107.3	7%
14	2013OCT21_A_200_Stds	200	2.14	1241596	25162.693		1	193.0	-4%
15	2013OCT21_A_SolvA_2				0.03		#DIV/0!	0.0	-100%
16	2013OCT21_A_Surrogate_1						0	0.0	-11%
17	2013OCT21_A_SolvA_3						0	0.1	-15%
18	2013OCT21_A_SolvA_4						0	0.4	-15%
19	2013OCT21_A_MM_0		2.14	665.568			0	0.9	-7%
20	2013OCT21_A_MM_1		2.14	8169.074			0	4.5	-10%
21	2013OCT21_A_MM_5		2.14	42067.059	766.324		1	8.7	-13%
22	2013OCT21_A_MM_10		2.14	75820.656	1419.856		1	21.6	-14%
23	2013OCT21_A_MM_25		2.14	150481.5	2667.708		1	43.7	-13%
24	2013OCT21_A_MM_50		2.14	280932.75	4820.501		1	75.8	-24%
25	2013OCT21_A_MM_100		2.14	662939.063	13036.046		1	128.5	-36%
26	2013OCT21_A_SolvA_5						0	Forced (0,0)	MM
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)	
28	2013OCT21_A_BerwynRd_1		2.14	410.934	0.281		1	**0.64**	**0.64**
29	2013OCT21_A_BerwynRd_2		2.13	304.739			0	**0.47**	**0.48**
30	2013OCT21_A_BerwynRd_3		2.14	508.747	1.826		1	**0.79**	**0.79**
31	2013OCT21_A_SolvA_7						#DIV/0!		
32	2013OCT21_A_SolvA_8						#DIV/0!		
33	2013OCT21_A_UMD_1		2.14	237.65			0	**0.37**	**0.37**

34	2013OCT21_A_UMD_2	2.16	186.053	5.546	1	**0.29**	**0.29**
35	2013OCT21_A_UMD_3	2.14	91.261		0	**0.14**	**0.14**
36	2013OCT21_A_SolvA_9				#DIV/0!		
37	2013OCT21_A_SolvA_10				#DIV/0!		
38	2013OCT21_A_Arboretum1_1	2.14	1444.267		0	**2.24**	**2.25**
39	2013OCT21_A_Arboretum1_2	2.14	1462.851	11.319	1	**2.27**	**2.28**
40	2013OCT21_A_Arboretum1_3	2.14	1837.435	1.402	1	**2.86**	**2.87**
41	2013OCT21_A_SolvA_11				#DIV/0!		
42	2013OCT21_A_SolvA_12			0.112	#DIV/0!		
43	2013OCT21_A_Arboretum2_1	2.13	835.298	4.76	1	**1.30**	**1.30**
44	2013OCT21_A_Arboretum2_2	2.14	823.99		0	**1.28**	**1.29**
45	2013OCT21_A_Arboretum2_3	2.14	725.69		0	**1.13**	**1.13**
46	2013OCT21_A_SolvA_13				#DIV/0!		
47	2013OCT21_A_SolvA_14	2.13	0.246	0.284	0		
48	2013OCT21_A_QC_Std25_1	2.14	210919.484	3200.945	1	**327.81**	**329.00**
49	2013OCT21_A_SolvA_15				#DIV/0!		
50	2013OCT21_A_SolvA_16				#DIV/0!		
51	2013OCT21_A_NorthDr1_1	2.14	268.115		0	**0.42**	**0.42**
52	2013OCT21_A_NorthDr1_2			0.362	#DIV/0!	**0.00**	**0.00**
53	2013OCT21_A_NorthDr1_3			0.768	#DIV/0!	**0.00**	**0.00**
54	2013OCT21_A_SolvA_17			0.29	#DIV/0!		
55	2013OCT21_A_SolvA_18			0.311	#DIV/0!		
56	2013OCT21_A_NorthDr2_1	2.12	370.383	15.2	1	**0.58**	**0.58**
57	2013OCT21_A_NorthDr2_2	2.16	294.838	0.214	1	**0.46**	**0.46**
58	2013OCT21_A_NorthDr2_3	2.15	217.978	0.884	1	**0.34**	**0.34**
59	2013OCT21_A_SolvA_19				#DIV/0!		
60	2013OCT21_A_SolvA_20			0.537	#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	2.14	2411.697	8.714	1	**3.75**	**3.76**
62	2013OCT21_A_AnacostiaPk_2	2.14	2177.276	17.635	1	**3.38**	**3.40**
63	2013OCT21_A_AnacostiaPk_3	2.14	2220.281	0.174	1	**3.45**	**3.46**
64	2013OCT21_A_SolvA_21	2.14	22.522	0.111	1		
65	2013OCT21_A_SolvA_22				#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	2.14	690.669	0.622	1	**1.07**	**1.08**
67	2013OCT21_A_GreenbeltPk_2	2.14	630.217	0.697	1	**0.98**	**0.98**
68	2013OCT21_A_GreenbeltPk_3	2.14	563.764	1.153	1	**0.88**	**0.88**
69	2013OCT21_A_SolvA_23				#DIV/0!		
70	2013OCT21_A_SolvA_24				#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	2.14	262.95	0.661	1	**0.41**	**0.41**
72	2013OCT21_A_PowderMillRd_2	2.14	240.065		0	**0.37**	**0.37**
73	2013OCT21_A_PowderMillRd_3				#DIV/0!	**0.00**	**0.00**
74	2013OCT21_A_SolvA_25				#DIV/0!		
75	2013OCT21_A_SolvA_26				#DIV/0!		
76	2013OCT21_A_QC_Std25_2	2.14	172861.047	3509.965	1	**268.66**	**269.63**
77	2013OCT21_A_SolvA_27				#DIV/0!		
78	2013OCT21_A_SolvA_28	2.15	4.523		0		

79	2013OCT21_A_ResearchRd_1						#DIV/0!	**0.00**	**0.00**
80	2013OCT21_A_ResearchRd_2		2.13	99.451	1.395		1	**0.15**	**0.16**
81	2013OCT21_A_ResearchRd_3		2.14	195.474	0.124		1	**0.30**	**0.30**
82	2013OCT21_A_SolvA_29						#DIV/0!		
83	2013OCT21_A_SolvA_30						#DIV/0!		
84	2013OCT21_A_Skateboard_1		2.13	527.723	0.751		1	**0.82**	**0.82**
85	2013OCT21_A_Skateboard_2		2.14	777.648	1.721		1	**1.21**	**1.21**
86	2013OCT21_A_Skateboard_3		2.14	917.774	0.758		1	**1.43**	**1.43**
87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32				0.433		#DIV/0!		
89	2013OCT21_A_SligoCreek_1		2.13	664.152			0	**1.03**	**1.04**
90	2013OCT21_A_SligoCreek_2		2.14	659.477			0	**1.02**	**1.03**
91	2013OCT21_A_SligoCreek_3		2.14	752.014	0.217		1	**1.17**	**1.17**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		2.14	145.278	2.592		1	**0.23**	**0.23**
95	2013OCT21_A_RiverdaleRd_2		2.14	226.343			0	**0.35**	**0.35**
96	2013OCT21_A_RiverdaleRd_3		2.14	352.461			0	**0.55**	**0.55**
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36		2.15	33.061			0		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01					#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05	2.14	284.76			0		
102	2013OCT21_A_0-1_Std_2	0.1	2.14	548.895	0.345		1		
103	2013OCT21_A_0-5_Std_2	0.5	2.14	2739.771	73.35		1		
104	2013OCT21_A_1_Std_2	1	2.14	5970.582	19.87		1		
105	2013OCT21_A_5_Std_2	5	2.14	28887.996	317.583		1		
106	2013OCT21_A_10_Std_2	10	2.14	55796.219	918.83		1		
107	2013OCT21_A_25_Std_2	25	2.14	138782.328	2045.014		1		
108	2013OCT21_A_50_Std_2	50	2.14	281488.656	5607.925		1		
109	2013OCT21_A_100_Std_2	100	2.14	487806.906	10885.487		1		
110	2013OCT21_A_200_Stds_2	200	2.14	826661.313	18912.873		1		
111	2013OCT21_A_SolvA_38		2.04	24.915			0		
112	2013OCT21_A_Surrogate_2		2.05	0.025			0		
113	2013OCT21_A_SolvA_39		2.12	4.092	1.212		0		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41		2.14	2.446	0.523		0		
116	2013OCT21_A_SolvA_42		2.14	57.908			0		

Compound 18: saccharine

								yes=1,no=0	**Conc. (ng/g)**
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1				0.079	2.396	#DIV/0!		#DIV/0!
2	2013OCT21_A_Lab Blk				0.232		#DIV/0!		#DIV/0!
3	2013OCT21_A_Travel Blk				10.792	70.214	#DIV/0!		#DIV/0!
4	2013OCT21_A_0-01_Std	0.01			7.008		0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05			0.352	22.649	0	0.0	-100%

6	2013OCT21_A_0-1_Std	0.1			3.216		0	0.0	-100%	
7	2013OCT21_A_0-5_Std	0.5			10.012	47.515	0	0.0	-100%	
8	2013OCT21_A_1_Std	1			0.118	120.38	0	0.0	-100%	
9	2013OCT21_A_5_Std	5	1.84	4939.854	691.64	5593.675	1	5.9	18%	
10	2013OCT21_A_10_Std	10	1.84	10501.483	1468.962	11037.345	1	12.6	26%	
11	2013OCT21_A_25_Std	25	1.84	26325.223	4073.019	27980.854	1	31.5	26%	
12	2013OCT21_A_50_Std	50	1.84	45952.977	7074.208	49130.398	1	55.0	10%	
13	2013OCT21_A_100_Std	100	1.84	84519.898	13952.235	88063.273	1	101.2	1%	
14	2013OCT21_A_200_Stds	200	1.84	156217.484	23976.918	165575.031	1	187.1	-6%	
15	2013OCT21_A_SolvA_2		1.78	1.021	0.701	4.958	0	0.0	-93%	
16	2013OCT21_A_Surrogate_1		1.91	0.82	0.007	0.152	0	0.0	-2%	
17	2013OCT21_A_SolvA_3		1.82	0.055	0.891	18.182	0	0.0	-89%	
18	2013OCT21_A_SolvA_4		1.87	0.659	0.082	2.534	0	0.8	58%	
19	2013OCT21_A_MM_0		1.83	924.289	41.641	1363.462	1	1.6	60%	
20	2013OCT21_A_MM_1		1.84	2107.819	281.578	2875.705	1	7.3	47%	
21	2013OCT21_A_MM_5		1.84	7274.659	1134.407	7816.946	1	13.7	37%	
22	2013OCT21_A_MM_10		1.84	12758.624	2042.454	13078.803	1	33.0	32%	
23	2013OCT21_A_MM_25		1.84	23419.465	3232.371	24193.338	1	62.9	26%	
24	2013OCT21_A_MM_50		1.84	41130.906	6141.629	43753.984	1	114.3	14%	
25	2013OCT21_A_MM_100		1.84	90919.656	13276.226	93082.578	1	198.4	-1%	
26	2013OCT21_A_SolvA_5		1.83	11.586	0.516	1.146	0	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6		1.89	24.625	0.648	4.684	1	(ng/L in sample)		
28	2013OCT21_A_BerwynRd_1		1.84	1514.607	118.567	1624.237	1	**18.14**		**17.12**
29	2013OCT21_A_BerwynRd_2		1.85	1376.357	124.318	1590.248	1	**16.49**		**15.56**
30	2013OCT21_A_BerwynRd_3		1.82	1310.663	259.516	1525.022	1	**15.70**		**14.81**
31	2013OCT21_A_SolvA_7		1.84	2.499	0.784	0.02	0			
32	2013OCT21_A_SolvA_8		1.85	0.214		0.079	0			
33	2013OCT21_A_UMD_1		1.84	3366.909	613.166	3802.248	1	**40.33**		**38.06**
34	2013OCT21_A_UMD_2		1.84	3086.098	625.246	3955.061	1	**36.96**		**34.88**
35	2013OCT21_A_UMD_3		1.83	3393.47	467.141	3710.457	1	**40.65**		**38.36**
36	2013OCT21_A_SolvA_9						#DIV/0!			
37	2013OCT21_A_SolvA_10		1.77	0.176	0.097	0.548	0			
38	2013OCT21_A_Arboretum1_1		1.83	1010.35	60.502	1109.895	1	**12.10**		**11.42**
39	2013OCT21_A_Arboretum1_2		1.83	1053.469	134.653	991.722	1	**12.62**		**11.91**
40	2013OCT21_A_Arboretum1_3		1.84	759.347	41.532	1088.56	1	**9.10**		**8.58**
41	2013OCT21_A_SolvA_11		1.81	0.21	0.428	1.422	0			
42	2013OCT21_A_SolvA_12		1.83	0.158	0.198	2.022	0			
43	2013OCT21_A_Arboretum2_1		1.81	811.283	34.635	826.428	1	**9.72**		**9.17**
44	2013OCT21_A_Arboretum2_2		1.84	935.948	57.55	988.621	1	**11.21**		**10.58**
45	2013OCT21_A_Arboretum2_3		1.84	850.741	36.093	657.67	1	**10.19**		**9.62**
46	2013OCT21_A_SolvA_13		1.82	1.936	0.276	4.254	1			
47	2013OCT21_A_SolvA_14		1.82	0.239	0.929	0.048	0			
48	2013OCT21_A_QC_Std25_1		1.84	27350.768	4175.815	29100.213	1	**327.60**		**309.14**
49	2013OCT21_A_SolvA_15		1.89	1.188	0.513	3.292	0			
50	2013OCT21_A_SolvA_16		1.82	0.079	5.106	28.738	0			
51	2013OCT21_A_NorthDr1_1		1.83	375.08	10.997	388.177	1	**4.49**		**4.24**

52	2013OCT21_A_NorthDr1_2	1.81	213.237	22.671	359.244	1	**2.55**	**2.41**
53	2013OCT21_A_NorthDr1_3	1.83	330.824	0.591	442.166	1	**3.96**	**3.74**
54	2013OCT21_A_SolvA_17	1.8	0.648	0.469	3.986	0		
55	2013OCT21_A_SolvA_18	1.84	9.504	11.771	3.012	0		
56	2013OCT21_A_NorthDr2_1					#DIV/0!	**0.00**	**0.00**
57	2013OCT21_A_NorthDr2_2					#DIV/0!	**0.00**	**0.00**
58	2013OCT21_A_NorthDr2_3					#DIV/0!	**0.00**	**0.00**
59	2013OCT21_A_SolvA_19	1.86	0.452	0.621	5.187	0		
60	2013OCT21_A_SolvA_20	1.89	8.29	0.622	16.766	1		
61	2013OCT21_A_AnacostiaPk_1	1.84	2151.462	131.58	2246.731	1	**25.77**	**24.32**
62	2013OCT21_A_AnacostiaPk_2	1.85	1915.651	258.421	2356.055	1	**22.95**	**21.65**
63	2013OCT21_A_AnacostiaPk_3	1.83	2053.649	252.255	2014.673	1	**24.60**	**23.21**
64	2013OCT21_A_SolvA_21	1.74	5.858	0.225	13.009	1		
65	2013OCT21_A_SolvA_22	1.87	2.02	0.251	2.321	1		
66	2013OCT21_A_GreenbeltPk_1	1.84	518.437	6.216	53.132	0	**6.21**	**5.86**
67	2013OCT21_A_GreenbeltPk_2	1.84	468.223		11.724	0	**5.61**	**5.29**
68	2013OCT21_A_GreenbeltPk_3	1.82	433.455		336.855	0	**5.19**	**4.90**
69	2013OCT21_A_SolvA_23	1.87	7.42	0.552	3.074	1		
70	2013OCT21_A_SolvA_24	1.84	0.265	0.319	1.287	0		
71	2013OCT21_A_PowderMillRd_1	1.83	1311.854	309.664	1746.616	1	**15.71**	**14.83**
72	2013OCT21_A_PowderMillRd_2	1.84	1707.467	103.49	1708.403	1	**20.45**	**19.30**
73	2013OCT21_A_PowderMillRd_3	1.84	1581.246	178.553	1831.884	1	**18.94**	**17.87**
74	2013OCT21_A_SolvA_25	1.85	1.845	0.519	0.725	0		
75	2013OCT21_A_SolvA_26	1.84	2.97	0.081	0.88	1		
76	2013OCT21_A_QC_Std25_2	1.84	27673.57	4433.617	32316.789	1	**331.47**	**312.79**
77	2013OCT21_A_SolvA_27	1.73	0.156	0.121	0.121	0		
78	2013OCT21_A_SolvA_28	1.83	0.846	0.424	2.547	0		
79	2013OCT21_A_ResearchRd_1	1.85	1214.611	101.769	1531.559	1	**14.55**	**13.73**
80	2013OCT21_A_ResearchRd_2	1.85	1294.7	248.663	1418.056	1	**15.51**	**14.63**
81	2013OCT21_A_ResearchRd_3	1.84	1531.075	156.766	1416.907	1	**18.34**	**17.31**
82	2013OCT21_A_SolvA_29	1.83	7.927	0.17	3.23	1		
83	2013OCT21_A_SolvA_30	1.84	1.251	0.099	1.365	1		
84	2013OCT21_A_Skateboard_1	1.84	879.276	40.715	995.56	1	**10.53**	**9.94**
85	2013OCT21_A_Skateboard_2	1.84	919.94	0.829	931.002	1	**11.02**	**10.40**
86	2013OCT21_A_Skateboard_3	1.84	960.704	0.032	1069.441	1	**11.51**	**10.86**
87	2013OCT21_A_SolvA_31	1.86	0.408	0.439	0.151	0		
88	2013OCT21_A_SolvA_32	1.83	2.686	0.212	2.102	1		
89	2013OCT21_A_SligoCreek_1	1.84	928.605	12.553	960.032	1	**11.12**	**10.50**
90	2013OCT21_A_SligoCreek_2	1.85	842.27	36.615	1024.613	1	**10.09**	**9.52**
91	2013OCT21_A_SligoCreek_3	1.84	900.523	12.559	1065.602	1	**10.79**	**10.18**
92	2013OCT21_A_SolvA_33	1.82	0.397	0.273		#DIV/0!		
93	2013OCT21_A_SolvA_34	1.9	2.429	4.997	22.536	0		
94	2013OCT21_A_RiverdaleRd_1	1.83	920.435		860.916	0	**11.02**	**10.40**
95	2013OCT21_A_RiverdaleRd_2	1.84	805.382	22.027	956.795	1	**9.65**	**9.10**
96	2013OCT21_A_RiverdaleRd_3	1.84	852.588	0.071	826.116	1	**10.21**	**9.64**

97	2013OCT21_A_SolvA_35		1.87	0.204	0.468	9.389	0
98	2013OCT21_A_SolvA_36		1.85	21.132	0.164	6.695	1
99	2013OCT21_A_SolvA_37		1.83	0.081	0.079	7.857	0
100	2013OCT21_A_0-01_Std_2	0.01	1.86	0.558	0.079	13.286	1
101	2013OCT21_A_0-05_Std_2	0.05	1.8	40.71	0.317	12.583	1
102	2013OCT21_A_0-1_Std_2	0.1	1.83	8.769	0.769	49.392	1
103	2013OCT21_A_0-5_Std_2	0.5	1.85	658.561		627.411	0
104	2013OCT21_A_1_Std_2	1	1.85	1338.73	36.784	1251.727	1
105	2013OCT21_A_5_Std_2	5	1.84	6118.883	683.925	6422.284	1
106	2013OCT21_A_10_Std_2	10	1.84	11434.652	1634.684	12749.787	1
107	2013OCT21_A_25_Std_2	25	1.84	27509.838	4099.674	29641.443	1
108	2013OCT21_A_50_Std_2	50	1.84	52492.852	8187.052	56889	1
109	2013OCT21_A_100_Std_2	100	1.85	95441.758	15225.647	105697.852	1
110	2013OCT21_A_200_Stds_2	200	1.85	165659.172	27017.125	179503.578	1
111	2013OCT21_A_SolvA_38		1.82	0.107	0.214	0.753	0
112	2013OCT21_A_Surrogate_2						#DIV/0!
113	2013OCT21_A_SolvA_39		1.86	12.656	0.234	0.511	0
114	2013OCT21_A_SolvA_40		1.82	0.236	0.352	4.932	0
115	2013OCT21_A_SolvA_41		1.85	0.337	0.348	0.079	0
116	2013OCT21_A_SolvA_42		1.86	1.837	0.005	6.661	#VALUE!

Compound 19: 2.4-D

								yes=1,no=0	Conc. (ng/g)
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1				0.395		0		#DIV/0!
2	2013OCT21_A_Lab Blk						0		#DIV/0!
3	2013OCT21_A_Travel Blk						0		#DIV/0!
4	2013OCT21_A_0-01_Std	0.01					0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05					0	0.0	-100%
6	2013OCT21_A_0-1_Std	0.1					0	0.0	-100%
7	2013OCT21_A_0-5_Std	0.5			93.892		0	0.0	-100%
8	2013OCT21_A_1_Std	1	6.17	3253.502	138.55	18.617	0	1.3	32%
9	2013OCT21_A_5_Std	5	6.15	14296.175	1179.956		0	5.8	16%
10	2013OCT21_A_10_Std	10	6.15	29411.203	2660.789	268.032	1	11.9	19%
11	2013OCT21_A_25_Std	25	6.15	75474.281	6571.927	1552.262	1	30.6	22%
12	2013OCT21_A_50_Std	50	6.14	135882.328	11248.182	2650.082	1	55.0	10%
13	2013OCT21_A_100_Std	100	6.15	263989.625	24003.086	5545.547	1	106.9	7%
14	2013OCT21_A_200_Stds	200	6.16	473897.594	42221.18	9497.976	1	191.9	-4%
15	2013OCT21_A_SolvA_2						#DIV/0!	0.0	-100%
16	2013OCT21_A_Surrogate_1				7.975		0	0.0	-100%
17	2013OCT21_A_SolvA_3		6.19	260.879	2.753		0	0.0	-100%
18	2013OCT21_A_SolvA_4						0	0.8	58%
19	2013OCT21_A_MM_0		6.15	43817.676	3541.24	868.902	1	1.4	45%
20	2013OCT21_A_MM_1		6.14	55001.75	3962.114	563.595	1	6.2	23%
21	2013OCT21_A_MM_5		6.16	65638.711	6229.565	1396.208	1	11.7	17%
22	2013OCT21_A_MM_10		6.16	78564.594	6795.677	1141.472	1	30.5	22%
23	2013OCT21_A_MM_25		6.15	103472.602	8380.604	1795.902	1	57.4	15%

24	2013OCT21_A_MM_50	6.15	161150.469	12710.11	2756.98	1	105.7	6%	
25	2013OCT21_A_MM_100	6.15	324212.531	27009.475	6175.449	1	197.1	-1%	
26	2013OCT21_A_SolvA_5			16.15		0	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6			0.236		#DIV/0!	(ng/L in sample)		
28	2013OCT21_A_BerwynRd_1	6.16	7601.922	791.439	68.498	1	**30.78**		**28.09**
29	2013OCT21_A_BerwynRd_2	6.15	6819.355	352.62	55.977	1	**27.61**		**25.20**
30	2013OCT21_A_BerwynRd_3	6.15	7684.723	666.776	17.095	1	**31.12**		**28.39**
31	2013OCT21_A_SolvA_7					#DIV/0!			
32	2013OCT21_A_SolvA_8					#DIV/0!			
33	2013OCT21_A_UMD_1	6.17	5425.34	270.538		0	**21.97**		**20.04**
34	2013OCT21_A_UMD_2	6.15	4648.798	362.219		0	**18.83**		**17.18**
35	2013OCT21_A_UMD_3	6.15	5750.264	477.611	168.315	1	**23.29**		**21.25**
36	2013OCT21_A_SolvA_9					#DIV/0!			
37	2013OCT21_A_SolvA_10					#DIV/0!			
38	2013OCT21_A_Arboretum1_1	6.15	177492.109	14761.985	3500.327	1	**718.75**		**655.77**
39	2013OCT21_A_Arboretum1_2	6.15	174121.016	14935.038	3137.495	1	**705.10**		**643.32**
40	2013OCT21_A_Arboretum1_3	6.15	172704.125	14655.689	3371.425	1	**699.36**		**638.08**
41	2013OCT21_A_SolvA_11			1.151		#DIV/0!			
42	2013OCT21_A_SolvA_12					#DIV/0!			
43	2013OCT21_A_Arboretum2_1	6.14	177398.109	14619.271	3372.948	1	**718.37**		**655.43**
44	2013OCT21_A_Arboretum2_2	6.15	173378.563	13842.564	3114.131	1	**702.09**		**640.58**
45	2013OCT21_A_Arboretum2_3	6.14	175147.469	14690.09	3293.505	1	**709.25**		**647.11**
46	2013OCT21_A_SolvA_13					#DIV/0!			
47	2013OCT21_A_SolvA_14					#DIV/0!			
48	2013OCT21_A_QC_Std25_1	6.15	77882.414	6843.69	1354.657	1	**315.38**		**287.75**
49	2013OCT21_A_SolvA_15					#DIV/0!			
50	2013OCT21_A_SolvA_16			0.011	25.306	#DIV/0!			
51	2013OCT21_A_NorthDr1_1	6.15	1530.256	46.861		0	**6.20**		**5.65**
52	2013OCT21_A_NorthDr1_2	6.15	1262.442	26.881	66.216	1	**5.11**		**4.66**
53	2013OCT21_A_NorthDr1_3	6.14	1680.395	166.588	136.296	1	**6.80**		**6.21**
54	2013OCT21_A_SolvA_17					#DIV/0!			
55	2013OCT21_A_SolvA_18					#DIV/0!			
56	2013OCT21_A_NorthDr2_1	6.14	1853.222	123.001	12.976	1	**7.50**		**6.85**
57	2013OCT21_A_NorthDr2_2	6.13	2186.024	147.86		0	**8.85**		**8.08**
58	2013OCT21_A_NorthDr2_3	6.15	1886.192	77.418		0	**7.64**		**6.97**
59	2013OCT21_A_SolvA_19					#DIV/0!			
60	2013OCT21_A_SolvA_20				27.735	#DIV/0!			
61	2013OCT21_A_AnacostiaPk_1	6.15	111130.141	9232.975	1573.201	1	**450.02**		**410.59**
62	2013OCT21_A_AnacostiaPk_2	6.15	104373.398	9119.897	2231.113	1	**422.66**		**385.62**
63	2013OCT21_A_AnacostiaPk_3	6.14	106496.953	8684.026	2660.04	1	**431.26**		**393.47**
64	2013OCT21_A_SolvA_21					#DIV/0!			
65	2013OCT21_A_SolvA_22					#DIV/0!			
66	2013OCT21_A_GreenbeltPk_1	6.16	87821.102	7244.079	1122.787	1	**355.63**		**324.47**
67	2013OCT21_A_GreenbeltPk_2	6.16	85958.906	6892.089	1454.692	1	**348.09**		**317.59**
68	2013OCT21_A_GreenbeltPk_3	6.17	86983.969	7734.839	1617.165	1	**352.24**		**321.38**

69	2013OCT21_A_SolvA_23				0.015		#DIV/0!		
70	2013OCT21_A_SolvA_24						#DIV/0!		
71	2013OCT21_A_PowderMillRd_1		6.18	13721.16	1092.472	2.716	1	**55.56**	**50.70**
72	2013OCT21_A_PowderMillRd_2		6.17	13196.448	1103.89	269.736	1	**53.44**	**48.76**
73	2013OCT21_A_PowderMillRd_3		6.17	14553.685	866.272		0	**58.93**	**53.77**
74	2013OCT21_A_SolvA_25				0.824		#DIV/0!		
75	2013OCT21_A_SolvA_26				0.242	49.304	#DIV/0!		
76	2013OCT21_A_QC_Std25_2		6.17	76527.789	6963.28	1262.203	1	**309.90**	**282.74**
77	2013OCT21_A_SolvA_27						#DIV/0!		
78	2013OCT21_A_SolvA_28						#DIV/0!		
79	2013OCT21_A_ResearchRd_1		6.17	28392.713	2024.617	460.778	1	**114.98**	**104.90**
80	2013OCT21_A_ResearchRd_2		6.16	28208.953	2457.065	390.218	1	**114.23**	**104.22**
81	2013OCT21_A_ResearchRd_3		6.15	28040.559	2144.949	287.054	1	**113.55**	**103.60**
82	2013OCT21_A_SolvA_29				5.095		#DIV/0!		
83	2013OCT21_A_SolvA_30						#DIV/0!		
84	2013OCT21_A_Skateboard_1		6.16	44807.988	3947.847	781.783	1	**181.45**	**165.55**
85	2013OCT21_A_Skateboard_2		6.15	44585.051	4239	1095.852	1	**180.55**	**164.73**
86	2013OCT21_A_Skateboard_3		6.15	41968.23	3566.041	50.432	1	**169.95**	**155.06**
87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32						#DIV/0!		
89	2013OCT21_A_SligoCreek_1		6.16	6368.31	226.077		0	**25.79**	**23.53**
90	2013OCT21_A_SligoCreek_2		6.16	5309.688	372.65	30.19	1	**21.50**	**19.62**
91	2013OCT21_A_SligoCreek_3		6.16	5285.29	321.844		0	**21.40**	**19.53**
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34				0.466		#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		6.15	14868.549	1223.894		0	**60.21**	**54.93**
95	2013OCT21_A_RiverdaleRd_2		6.16	12425.471	736.481		0	**50.32**	**45.91**
96	2013OCT21_A_RiverdaleRd_3		6.17	12489.717	939.497	223.692	1	**50.58**	**46.15**
97	2013OCT21_A_SolvA_35				0.63		#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01				64.076	#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05			0.638		#DIV/0!		
102	2013OCT21_A_0-1_Std_2	0.1			2.528		#DIV/0!		
103	2013OCT21_A_0-5_Std_2	0.5	6.16	1953.588	74.196		0		
104	2013OCT21_A_1_Std_2	1	6.17	3580.597			#DIV/0!		
105	2013OCT21_A_5_Std_2	5	6.16	15224.285	918.311	161.188	1		
106	2013OCT21_A_10_Std_2	10	6.16	28807.563	2619.322	476.923	1		
107	2013OCT21_A_25_Std_2	25	6.17	75373.93	5917.396	1348.376	1		
108	2013OCT21_A_50_Std_2	50	6.17	141685.438	12764.992	2388.157	1		
109	2013OCT21_A_100_Std_2	100	6.19	260922	24542.576	4941.317	1		
110	2013OCT21_A_200_Stds_2	200	6.19	486729.188	42914.016	10050.792	1		
111	2013OCT21_A_SolvA_38						#DIV/0!		
112	2013OCT21_A_Surrogate_2		6.17	71.277		2.813	#DIV/0!		
113	2013OCT21_A_SolvA_39		6.07	0.745	3.581	34.743	0		
114	2013OCT21_A_SolvA_40						#DIV/0!		

	Name	Std. Conc	RT	Area	1º Area	2º Area	Ident'd?		
115	2013OCT21_A_SolvA_41		6.12	192.163	0.565	74.807	0		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 20: 13C-2.4-D

yes=1,no=0

	Name	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**		
							#DIV/0!		
1	2013OCT21_SolvA_1						#DIV/0!		
2	2013OCT21_A_Lab Blk		6.16	382715.313			#DIV/0!	**360838**	**Avg**
3	2013OCT21_A_Travel Blk		6.15	370849.781			#DIV/0!	**7%**	**RSD**
4	2013OCT21_A_0-01_Std	0.01	6.14	354726.781			#DIV/0!		
5	2013OCT21_A_0-05_Std	0.05	6.13	371578.031			#DIV/0!		
6	2013OCT21_A_0-1_Std	0.1	6.14	408098.875			#DIV/0!		
7	2013OCT21_A_0-5_Std	0.5	6.16	382689.406			#DIV/0!		
8	2013OCT21_A_1_Std	1	6.16	398757.563			#DIV/0!		
9	2013OCT21_A_5_Std	5	6.15	383754.5			#DIV/0!		
10	2013OCT21_A_10_Std	10	6.14	363551.188			#DIV/0!		
11	2013OCT21_A_25_Std	25	6.14	368100.125			#DIV/0!		
12	2013OCT21_A_50_Std	50	6.14	377152.813			#DIV/0!		
13	2013OCT21_A_100_Std	100	6.15	339059.781			#DIV/0!		
14	2013OCT21_A_200_Stds	200	6.16	337193.563			#DIV/0!		
15	2013OCT21_A_SolvA_2						#DIV/0!		
16	2013OCT21_A_Surrogate_1						#DIV/0!		
17	2013OCT21_A_SolvA_3						#DIV/0!		
18	2013OCT21_A_SolvA_4						#DIV/0!		
19	2013OCT21_A_MM_0		6.14	356945.969			#DIV/0!		
20	2013OCT21_A_MM_1		6.14	398611.594			#DIV/0!		
21	2013OCT21_A_MM_5		6.16	400209.313			#DIV/0!		
22	2013OCT21_A_MM_10		6.16	374275.344			#DIV/0!		
23	2013OCT21_A_MM_25		6.16	319852.469			#DIV/0!		
24	2013OCT21_A_MM_50		6.15	323199			#DIV/0!		
25	2013OCT21_A_MM_100		6.14	397141.156			#DIV/0!		
26	2013OCT21_A_SolvA_5						#DIV/0!		
27	2013OCT21_A_SolvA_6						#DIV/0!		
28	2013OCT21_A_BerwynRd_1		6.16	390083.563			#DIV/0!		
29	2013OCT21_A_BerwynRd_2		6.15	379924.406			#DIV/0!		
30	2013OCT21_A_BerwynRd_3		6.15	383410.531			#DIV/0!		
31	2013OCT21_A_SolvA_7						#DIV/0!		
32	2013OCT21_A_SolvA_8						#DIV/0!		
33	2013OCT21_A_UMD_1		6.15	366313.313			#DIV/0!		
34	2013OCT21_A_UMD_2		6.15	363592.656			#DIV/0!		
35	2013OCT21_A_UMD_3		6.15	363453.938			#DIV/0!		
36	2013OCT21_A_SolvA_9						#DIV/0!		
37	2013OCT21_A_SolvA_10						#DIV/0!		
38	2013OCT21_A_Arboretum1_1		6.15	361398.938			#DIV/0!		
39	2013OCT21_A_Arboretum1_2		6.15	361720.688			#DIV/0!		
40	2013OCT21_A_Arboretum1_3		6.14	357376.344			#DIV/0!		
41	2013OCT21_A_SolvA_11						#DIV/0!		

42	2013OCT21_A_SolvA_12			#DIV/0!
43	2013OCT21_A_Arboretum2_1	6.14	368202.438	#DIV/0!
44	2013OCT21_A_Arboretum2_2	6.14	357343.031	#DIV/0!
45	2013OCT21_A_Arboretum2_3	6.14	364070.063	#DIV/0!
46	2013OCT21_A_SolvA_13			#DIV/0!
47	2013OCT21_A_SolvA_14			#DIV/0!
48	2013OCT21_A_QC_Std25_1	6.15	387903.406	#DIV/0!
49	2013OCT21_A_SolvA_15			#DIV/0!
50	2013OCT21_A_SolvA_16			#DIV/0!
51	2013OCT21_A_NorthDr1_1	6.14	378250.625	#DIV/0!
52	2013OCT21_A_NorthDr1_2	6.15	360904.063	#DIV/0!
53	2013OCT21_A_NorthDr1_3	6.14	367232.656	#DIV/0!
54	2013OCT21_A_SolvA_17			#DIV/0!
55	2013OCT21_A_SolvA_18			#DIV/0!
56	2013OCT21_A_NorthDr2_1	6.15	360497.469	#DIV/0!
57	2013OCT21_A_NorthDr2_2	6.15	368130.25	#DIV/0!
58	2013OCT21_A_NorthDr2_3	6.15	356447.344	#DIV/0!
59	2013OCT21_A_SolvA_19			#DIV/0!
60	2013OCT21_A_SolvA_20			#DIV/0!
61	2013OCT21_A_AnacostiaPk_1	6.14	342995.375	#DIV/0!
62	2013OCT21_A_AnacostiaPk_2	6.14	330414.25	#DIV/0!
63	2013OCT21_A_AnacostiaPk_3	6.14	315018.875	#DIV/0!
64	2013OCT21_A_SolvA_21			#DIV/0!
65	2013OCT21_A_SolvA_22			#DIV/0!
66	2013OCT21_A_GreenbeltPk_1	6.15	326458.094	#DIV/0!
67	2013OCT21_A_GreenbeltPk_2	6.16	318395.344	#DIV/0!
68	2013OCT21_A_GreenbeltPk_3	6.16	316920.344	#DIV/0!
69	2013OCT21_A_SolvA_23			#DIV/0!
70	2013OCT21_A_SolvA_24			#DIV/0!
71	2013OCT21_A_PowderMillRd_1	6.18	337198.844	#DIV/0!
72	2013OCT21_A_PowderMillRd_2	6.17	323516.75	#DIV/0!
73	2013OCT21_A_PowderMillRd_3	6.17	324221.813	#DIV/0!
74	2013OCT21_A_SolvA_25			#DIV/0!
75	2013OCT21_A_SolvA_26			#DIV/0!
76	2013OCT21_A_QC_Std25_2	6.17	382661.281	#DIV/0!
77	2013OCT21_A_SolvA_27			#DIV/0!
78	2013OCT21_A_SolvA_28			#DIV/0!
79	2013OCT21_A_ResearchRd_1	6.17	383461.438	#DIV/0!
80	2013OCT21_A_ResearchRd_2	6.16	376073.031	#DIV/0!
81	2013OCT21_A_ResearchRd_3	6.16	366148.344	#DIV/0!
82	2013OCT21_A_SolvA_29			#DIV/0!
83	2013OCT21_A_SolvA_30			#DIV/0!
84	2013OCT21_A_Skateboard_1	6.16	348735.375	#DIV/0!
85	2013OCT21_A_Skateboard_2	6.16	335907.781	#DIV/0!
86	2013OCT21_A_Skateboard_3	6.16	333995.219	#DIV/0!

87	2013OCT21_A_SolvA_31						#DIV/0!		
88	2013OCT21_A_SolvA_32						#DIV/0!		
89	2013OCT21_A_SligoCreek_1		6.16	363456.375			#DIV/0!		
90	2013OCT21_A_SligoCreek_2		6.15	348261.375			#DIV/0!		
91	2013OCT21_A_SligoCreek_3		6.16	351999.563			#DIV/0!		
92	2013OCT21_A_SolvA_33						#DIV/0!		
93	2013OCT21_A_SolvA_34						#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1		6.15	443826.688			#DIV/0!		
95	2013OCT21_A_RiverdaleRd_2		6.16	374579.125			#DIV/0!		
96	2013OCT21_A_RiverdaleRd_3		6.16	372451.656			#DIV/0!		
97	2013OCT21_A_SolvA_35						#DIV/0!		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	6.16	364059.375			#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05	6.16	345307.625			#DIV/0!		
102	2013OCT21_A_0-1_Std_2	0.1	6.16	383629.719			#DIV/0!		
103	2013OCT21_A_0-5_Std_2	0.5	6.16	367007.875			#DIV/0!		
104	2013OCT21_A_1_Std_2	1	6.16	367254.344			#DIV/0!		
105	2013OCT21_A_5_Std_2	5	6.16	363593.031			#DIV/0!		
106	2013OCT21_A_10_Std_2	10	6.16	354663.031			#DIV/0!		
107	2013OCT21_A_25_Std_2	25	6.17	350223.906			#DIV/0!		
108	2013OCT21_A_50_Std_2	50	6.17	361617.875			#DIV/0!		
109	2013OCT21_A_100_Std_2	100	6.18	322960.813			#DIV/0!		
110	2013OCT21_A_200_Stds_2	200	6.19	322970.406			#DIV/0!		
111	2013OCT21_A_SolvA_38						#DIV/0!		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39						#DIV/0!		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41						#DIV/0!		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 22: AlachlorESA

								yes=1,no=0	**Conc. (ng/g)**
				m/z 80	m/z 160	m/z 121	**Ident'd?**	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0		
1	2013OCT21_SolvA_1						0		#DIV/0!
2	2013OCT21_A_Lab Blk			32.855		33.365	0		#DIV/0!
3	2013OCT21_A_Travel Blk						0		#DIV/0!
4	2013OCT21_A_0-01_Std	0.01					0	0.0	-100%
5	2013OCT21_A_0-05_Std	0.05		606.406		389.991	0	0.2	-85%
6	2013OCT21_A_0-1_Std	0.1	5.04	861.211	90.59	734.292	1	0.2	-89%
7	2013OCT21_A_0-5_Std	0.5	5.03	4498.74	528.657	3153.459	1	1.1	12%
8	2013OCT21_A_1_Std	1	5.01	9241.874	781.171	6313.713	1	2.3	15%
9	2013OCT21_A_5_Std	5	5.02	45790.844	4575.625	33375.082	1	11.4	14%
10	2013OCT21_A_10_Std	10	5.03	91897.82	9226.567	63404.02	1	22.9	15%
11	2013OCT21_A_25_Std	25	5.02	229839.266	24640.066	160121.953	1	57.3	15%
12	2013OCT21_A_50_Std	50	5.01	425136.313	45610.77	302919.281	1	106.0	6%
13	2013OCT21_A_100_Std	100	5.02	841220.625	90463.219	590574.438	1	209.7	5%

14	2013OCT21_A_200_Stds	200	5.03	1622888.625	177486.609	1157711.375	1	404.6		1%
15	2013OCT21_A_SolvA_2						#DIV/0!	0.0		-100%
16	2013OCT21_A_Surrogate_1		4.99	29.235	20.884		#DIV/0!	0.0		-96%
17	2013OCT21_A_SolvA_3		4.98		12.924	0.295	#DIV/0!	0.0		-100%
18	2013OCT21_A_SolvA_4		4.96	5.1	1.327		#DIV/0!	1.2		22%
19	2013OCT21_A_MM_0		5.01	34997.957	4403.819	23583.91	1	2.2		9%
20	2013OCT21_A_MM_1		5.01	48914.18	6320.543	33603.559	1	11.8		18%
21	2013OCT21_A_MM_5		5.02	90485.422	10833.327	62535.535	1	22.6		13%
22	2013OCT21_A_MM_10		5.03	133512.359	14871.476	89490.484	1	56.7		13%
23	2013OCT21_A_MM_25		5.02	243330.641	26845.494	169615.266	1	106.1		6%
24	2013OCT21_A_MM_50		5.02	428502.594	46549.023	299918.344	1	203.0		1%
25	2013OCT21_A_MM_100		5.02	950094.125	105548.047	664578.25	1	383.9		-4%
26	2013OCT21_A_SolvA_5						#DIV/0!	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6						#DIV/0!	(ng/L in sample)		
28	2013OCT21_A_BerwynRd_1		5.03	60125.414	8251.422	39540.152	1	**149.91**		**135.42**
29	2013OCT21_A_BerwynRd_2		5.03	58807.84	8517.948	40309.512	1	**146.63**		**132.45**
30	2013OCT21_A_BerwynRd_3		5.03	58869.25	8129.633	39731.574	1	**146.78**		**132.59**
31	2013OCT21_A_SolvA_7		4.95	8.839	0.196	24.166	1			
32	2013OCT21_A_SolvA_8		4.97		0.356	21.625	#DIV/0!			
33	2013OCT21_A_UMD_1		5.03	25427.695	3465.324	16975.199	1	**63.40**		**57.27**
34	2013OCT21_A_UMD_2		5.02	26061.207	3752.357	17653.395	1	**64.98**		**58.70**
35	2013OCT21_A_UMD_3		5.04	25554.535	3709.785	17401.029	1	**63.72**		**57.55**
36	2013OCT21_A_SolvA_9		5.02		6.262		#DIV/0!			
37	2013OCT21_A_SolvA_10		4.96		13.374	7.414	#DIV/0!			
38	2013OCT21_A_Arboretum1_1		5.03	22185.438	3044.818	15150.078	1	**55.32**		**49.97**
39	2013OCT21_A_Arboretum1_2		5.03	22874.76	2991.101	14472.168	1	**57.04**		**51.52**
40	2013OCT21_A_Arboretum1_3		5.02	22443.668	2910.394	15248.77	1	**55.96**		**50.55**
41	2013OCT21_A_SolvA_11		5.03	43.461	1.525		#DIV/0!			
42	2013OCT21_A_SolvA_12						#DIV/0!			
43	2013OCT21_A_Arboretum2_1		5.01	22487.689	3018.52	15486.753	1	**56.07**		**50.65**
44	2013OCT21_A_Arboretum2_2		5.03	22346.164	2865.602	15572.642	1	**55.72**		**50.33**
45	2013OCT21_A_Arboretum2_3		5.02	21932.854	2905.839	15321.29	1	**54.69**		**49.40**
46	2013OCT21_A_SolvA_13		4.99		12.453	0.423	#DIV/0!			
47	2013OCT21_A_SolvA_14		5.04		38.582	0.586	#DIV/0!			
48	2013OCT21_A_QC_Std25_1		5.03	234791.656	24798.967	164319.734	1	**585.42**		**528.81**
49	2013OCT21_A_SolvA_15		4.97		0.356	12.342	#DIV/0!			
50	2013OCT21_A_SolvA_16		5.02	42.453	5.956	28.314	1			
51	2013OCT21_A_NorthDr1_1		5.02	49088.949	6541.271	33614.426	1	**122.40**		**110.56**
52	2013OCT21_A_NorthDr1_2		5.03	49984.063	6655.724	32810.313	1	**124.63**		**112.58**
53	2013OCT21_A_NorthDr1_3		5.03	49020.836	7112.074	33572.719	1	**122.23**		**110.41**
54	2013OCT21_A_SolvA_17		5.09	14.68	16.732	33.821	0			
55	2013OCT21_A_SolvA_18		5.06		8.522	9.94	#DIV/0!			
56	2013OCT21_A_NorthDr2_1		5.03	49527.266	6875.637	33554.648	1	**123.49**		**111.55**
57	2013OCT21_A_NorthDr2_2		5.03	50679.02	6724.444	33166.926	1	**126.36**		**114.14**
58	2013OCT21_A_NorthDr2_3		5.02	50885.68	6495.115	33072.504	1	**126.88**		**114.61**
59	2013OCT21_A_SolvA_19		4.99	9.734	0.015		#DIV/0!			

60	2013OCT21_A_SolvA_20		5.03		0.005	20.319	#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1		5.01	20621.117	2674.59	13686.908	1	**51.42**	**46.44**
62	2013OCT21_A_AnacostiaPk_2		5.01	20177.916	2939.62	13923.216	1	**50.31**	**45.45**
63	2013OCT21_A_AnacostiaPk_3		5.02	20431.947	3044.718	13193.445	1	**50.94**	**46.02**
64	2013OCT21_A_SolvA_21						#DIV/0!		
65	2013OCT21_A_SolvA_22						#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1		5.05	6873.174	1065.166	4863.652	1	**17.14**	**15.48**
67	2013OCT21_A_GreenbeltPk_2		5.05	6980.878	1021.76	4547.331	1	**17.41**	**15.72**
68	2013OCT21_A_GreenbeltPk_3		5.05	6821.861	1032.974	4652.19	1	**17.01**	**15.36**
69	2013OCT21_A_SolvA_23						#DIV/0!		
70	2013OCT21_A_SolvA_24		4.98	8.57	1.004	3.86	1		
71	2013OCT21_A_PowderMillRd_1		5.05	71782.617	9928.019	47645.566	1	**178.98**	**161.67**
72	2013OCT21_A_PowderMillRd_2		5.05	72254.508	10369.083	47275.18	1	**180.16**	**162.73**
73	2013OCT21_A_PowderMillRd_3		5.05	71817.828	10324.527	48729.281	1	**179.07**	**161.75**
74	2013OCT21_A_SolvA_25		5		0.368	5.451	#DIV/0!		
75	2013OCT21_A_SolvA_26		5.04		11.748	14.213	#DIV/0!		
76	2013OCT21_A_QC_Std25_2		5.05	231156.688	24165.734	160441.031	1	**576.36**	**520.62**
77	2013OCT21_A_SolvA_27						#DIV/0!		
78	2013OCT21_A_SolvA_28						#DIV/0!		
79	2013OCT21_A_ResearchRd_1		5.05	53552.492	6865.009	36451.137	1	**133.53**	**120.61**
80	2013OCT21_A_ResearchRd_2		5.05	54113.301	6848.076	36153.969	1	**134.92**	**121.88**
81	2013OCT21_A_ResearchRd_3		5.03	53570.848	6459.331	36963.699	1	**133.57**	**120.65**
82	2013OCT21_A_SolvA_29		4.92	27.028	0.379	24.421	1		
83	2013OCT21_A_SolvA_30		4.94	14.81	3.555	15.734	1		
84	2013OCT21_A_Skateboard_1		5.04	14678.15	2244.802	10474.064	1	**36.60**	**33.06**
85	2013OCT21_A_Skateboard_2		5.03	15605.485	2259.206	10198.002	1	**38.91**	**35.15**
86	2013OCT21_A_Skateboard_3		5.03	15400.594	2203.426	10383.521	1	**38.40**	**34.69**
87	2013OCT21_A_SolvA_31		5.04	24.351	9.303	11.927	0		
88	2013OCT21_A_SolvA_32		5.07		18.949	16.89	#DIV/0!		
89	2013OCT21_A_SligoCreek_1		5.05	5918.142	705.983	3686.567	1	**14.76**	**13.33**
90	2013OCT21_A_SligoCreek_2		5.03	5584.608	798.586	3891.45	1	**13.92**	**12.58**
91	2013OCT21_A_SligoCreek_3		5.03	5509.838	870.817	3983.4	1	**13.74**	**12.41**
92	2013OCT21_A_SolvA_33		4.95		4.545	22.229	#DIV/0!		
93	2013OCT21_A_SolvA_34		5.02	28.584	0.904	5.433	1		
94	2013OCT21_A_RiverdaleRd_1		5.03	42670.797	6394.938	29451.287	1	**106.39**	**96.10**
95	2013OCT21_A_RiverdaleRd_2		5.05	42048.777	5635.708	28067.092	1	**104.84**	**94.70**
96	2013OCT21_A_RiverdaleRd_3		5.05	41741	5729.88	27219.998	1	**104.08**	**94.01**
97	2013OCT21_A_SolvA_35		5.05		1.844		#DIV/0!		
98	2013OCT21_A_SolvA_36		4.94		8.47	0.618	#DIV/0!		
99	2013OCT21_A_SolvA_37						#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01					#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05		159.466		366.131	0		
102	2013OCT21_A_0-1_Std_2	0.1	5.09	897.999	193.122	747.653	1		
103	2013OCT21_A_0-5_Std_2	0.5		4908.102		2804.437	0		
104	2013OCT21_A_1_Std_2	1	5.07	8747.435	1136.925	6401.111	1		
105	2013OCT21_A_5_Std_2	5	5.06	47202.641	4688.594	31948.66	1		

106	2013OCT21_A_10_Std_2	10	5.06	90540.742	9188.837	62707.703	1
107	2013OCT21_A_25_Std_2	25	5.07	227450.609	23858.674	157440.516	1
108	2013OCT21_A_50_Std_2	50	5.07	425392.75	44113.418	299931.594	1
109	2013OCT21_A_100_Std_2	100	5.07	814123.438	87590.836	576720.938	1
110	2013OCT21_A_200_Stds_2	200	5.07	1539615.375	168095.906	1092467.125	1
111	2013OCT21_A_SolvA_38		5.02		33.317	61.343	#DIV/0!
112	2013OCT21_A_Surrogate_2						#DIV/0!
113	2013OCT21_A_SolvA_39		5.03	26.012	9.573		#DIV/0!
114	2013OCT21_A_SolvA_40		4.97	28.883	1.36		#DIV/0!
115	2013OCT21_A_SolvA_41		4.92	27.106	0.001		#DIV/0!
116	2013OCT21_A_SolvA_42		4.99	32.764	2.554		#VALUE!

Compound 24: Metolachlor ESA

								yes=1,no=0		**Conc. (ng/g)**
							Ident'd?	**Calc'd**		**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	0			
1	2013OCT21_SolvA_1						0			#DIV/0!
2	2013OCT21_A_Lab Blk		5.29	221.634			0			#DIV/0!
3	2013OCT21_A_Travel Blk				111.086	2.164	0			#DIV/0!
4	2013OCT21_A_0-01_Std	0.01			104.886	19.504	0	0.0		-100%
5	2013OCT21_A_0-05_Std	0.05	5.29	524.254	181.108		0	0.1		95%
6	2013OCT21_A_0-1_Std	0.1	5.29	491.987	390.165	114.933	1	0.1		-8%
7	2013OCT21_A_0-5_Std	0.5	5.32	2507.533	2184.624	145.975	1	0.5		-7%
8	2013OCT21_A_1_Std	1	5.31	6347.45	3804.438	760.118	1	1.2		18%
9	2013OCT21_A_5_Std	5	5.31	30936.357	19495.93	2592.682	1	5.8		15%
10	2013OCT21_A_10_Std	10	5.3	64759.605	42920.832	6236.498	1	12.0		20%
11	2013OCT21_A_25_Std	25	5.3	146828.547	101620.063	16044.433	1	27.3		9%
12	2013OCT21_A_50_Std	50	5.3	294278.719	189540.313	33784.277	1	54.8		10%
13	2013OCT21_A_100_Std	100	5.3	578197.688	377627.594	60131.164	1	107.6		8%
14	2013OCT21_A_200_Stds	200	5.31	1145698.625	715551.125	120315.266	1	213.2		7%
15	2013OCT21_A_SolvA_2					2.881	#DIV/0!	0.0		42%
16	2013OCT21_A_Surrogate_1						0	0.1		64%
17	2013OCT21_A_SolvA_3					1.421	#DIV/0!	0.1		40%
18	2013OCT21_A_SolvA_4		5.29	63.966	9.413		0	0.6		27%
19	2013OCT21_A_MM_0		5.3	158479.906	104635.289	17166.953	1	0.9		-14%
20	2013OCT21_A_MM_1		5.29	188883.469	125383.953	20317.928	1	5.1		2%
21	2013OCT21_A_MM_5		5.3	217584.422	142021.031	23116.691	1	10.2		2%
22	2013OCT21_A_MM_10		5.3	229735.344	155914.25	22348.729	1	25.5		2%
23	2013OCT21_A_MM_25		5.3	293189.625	189825.063	27913.965	1	49.6		-1%
24	2013OCT21_A_MM_50		5.3	437599.219	275868.094	43487.086	1	93.5		-6%
25	2013OCT21_A_MM_100		5.29	838012.625	543428.313	88765.719	1	184.7		-8%
26	2013OCT21_A_SolvA_5		5.34	30.069	6.202	0.079	0	Forced (0,0)	MM	
27	2013OCT21_A_SolvA_6		5.23	68.578			#DIV/0!	(ng/L in sample)		
28	2013OCT21_A_BerwynRd_1		5.3	291795.406	186762.438	28941.803	1	**542.92**		**447.96**
29	2013OCT21_A_BerwynRd_2		5.3	285345.594	186003.703	31741.631	1	**530.92**		**438.06**
30	2013OCT21_A_BerwynRd_3		5.3	282066.781	185463.094	30654.799	1	**524.82**		**433.02**
31	2013OCT21_A_SolvA_7		5.32	49.123	19.48	11.602	0			
32	2013OCT21_A_SolvA_8		5.27	84.772	24.908		0			

33	2013OCT21_A_UMD_1	5.31	112213.531	73458.305	10445.797	1	**208.79**	**172.27**
34	2013OCT21_A_UMD_2	5.31	115791.742	75934.195	13208.129	1	**215.44**	**177.76**
35	2013OCT21_A_UMD_3	5.31	117129.664	74934.492	11981.318	1	**217.93**	**179.82**
36	2013OCT21_A_SolvA_9					#DIV/0!		
37	2013OCT21_A_SolvA_10					#DIV/0!		
38	2013OCT21_A_Arboretum1_1	5.3	87273.289	53879.75	9099.18	1	**162.38**	**133.98**
39	2013OCT21_A_Arboretum1_2	5.3	84375.656	53675.629	8857.227	1	**156.99**	**129.53**
40	2013OCT21_A_Arboretum1_3	5.3	84758.227	58705.625	9413.541	1	**157.70**	**130.12**
41	2013OCT21_A_SolvA_11	5.27	54.919	60.737	0.782	1		
42	2013OCT21_A_SolvA_12	5.26	10.035		2.127	#DIV/0!		
43	2013OCT21_A_Arboretum2_1	5.3	86505.227	54322.637	8484.381	1	**160.95**	**132.80**
44	2013OCT21_A_Arboretum2_2	5.3	85708.484	51871.57	9687.895	1	**159.47**	**131.58**
45	2013OCT21_A_Arboretum2_3	5.3	84132.43	60099.203	8279.54	1	**156.54**	**129.16**
46	2013OCT21_A_SolvA_13	5.29	38.081	12.881		0		
47	2013OCT21_A_SolvA_14	5.3	36.397	1.369	4.794	0		
48	2013OCT21_A_QC_Std25_1	5.31	159442.109	105953.555	15104.621	1	**296.66**	**244.77**
49	2013OCT21_A_SolvA_15	5.26	1.09	1.033		0		
50	2013OCT21_A_SolvA_16	5.29	26.08	2.955		0		
51	2013OCT21_A_NorthDr1_1	5.31	164182.219	108175.063	19389.576	1	**305.48**	**252.05**
52	2013OCT21_A_NorthDr1_2	5.31	162893.641	110212.398	16613.234	1	**303.08**	**250.07**
53	2013OCT21_A_NorthDr1_3	5.31	162754.719	106205.547	17596.777	1	**302.82**	**249.86**
54	2013OCT21_A_SolvA_17	5.31	5.604	20.809	3.302	0		
55	2013OCT21_A_SolvA_18	5.19	15.159	0.226	1.088	0		
56	2013OCT21_A_NorthDr2_1	5.31	162303.109	108874.063	16875.051	1	**301.98**	**249.16**
57	2013OCT21_A_NorthDr2_2	5.31	167142.156	109741.883	18038.727	1	**310.99**	**256.59**
58	2013OCT21_A_NorthDr2_3	5.31	159364.297	108803.203	17907.496	1	**296.51**	**244.65**
59	2013OCT21_A_SolvA_19	5.29	25.836	26.823	0.682	1		
60	2013OCT21_A_SolvA_20					#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	5.3	63506.031	39857.84	6399.558	1	**118.16**	**97.49**
62	2013OCT21_A_AnacostiaPk_2	5.3	60808.48	35432.734	6492.863	1	**113.14**	**93.35**
63	2013OCT21_A_AnacostiaPk_3	5.3	58339.523	38747.816	6545.181	1	**108.55**	**89.56**
64	2013OCT21_A_SolvA_21	5.31	59.603	0.674		0		
65	2013OCT21_A_SolvA_22					#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	5.31	19019.229	14272.813	2306.141	1	**35.39**	**29.20**
67	2013OCT21_A_GreenbeltPk_2	5.32	22076.408	11834.313	2019.308	1	**41.08**	**33.89**
68	2013OCT21_A_GreenbeltPk_3	5.32	19389.963	12379.188	2017.657	1	**36.08**	**29.77**
69	2013OCT21_A_SolvA_23					#DIV/0!		
70	2013OCT21_A_SolvA_24	5.28	0.229		1.149	#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	5.33	118355.914	78668	13117.253	1	**220.21**	**181.70**
72	2013OCT21_A_PowderMillRd_2	5.33	110639.438	79043.18	11461.432	1	**205.86**	**169.85**
73	2013OCT21_A_PowderMillRd_3	5.33	114623.578	73760.055	11742.698	1	**213.27**	**175.97**
74	2013OCT21_A_SolvA_25	5.32	131.369	0.227	1.128	0		
75	2013OCT21_A_SolvA_26					#DIV/0!		
76	2013OCT21_A_QC_Std25_2	5.34	143985.531	98922.406	16580.457	1	**267.90**	**221.04**
77	2013OCT21_A_SolvA_27	5.26	8.659		3.643	#DIV/0!		

78	2013OCT21_A_SolvA_28		5.22	46.796	4.16	17.797	0		
79	2013OCT21_A_ResearchRd_1		5.33	645726.688	410908.844	68077.031	1	**1201.45**	**991.31**
80	2013OCT21_A_ResearchRd_2		5.32	633871.25	415234.469	65886.578	1	**1179.39**	**973.11**
81	2013OCT21_A_ResearchRd_3		5.32	636556.125	434257.969	70472.414	1	**1184.38**	**977.23**
82	2013OCT21_A_SolvA_29						#DIV/0!		
83	2013OCT21_A_SolvA_30						#DIV/0!		
84	2013OCT21_A_Skateboard_1		5.32	48075.367	30633.402	5024.492	1	**89.45**	**73.80**
85	2013OCT21_A_Skateboard_2		5.32	46815.328	29241.559	5091.922	1	**87.11**	**71.87**
86	2013OCT21_A_Skateboard_3		5.32	42400.742	33487.094	4490.286	1	**78.89**	**65.09**
87	2013OCT21_A_SolvA_31		5.31	83.673			#DIV/0!		
88	2013OCT21_A_SolvA_32		5.28	22.036	2.645		0		
89	2013OCT21_A_SligoCreek_1		5.32	37852.719	27852.703	3282.973	1	**70.43**	**58.11**
90	2013OCT21_A_SligoCreek_2		5.32	41185.867	27138.549	4584.904	1	**76.63**	**63.23**
91	2013OCT21_A_SligoCreek_3		5.32	39467.785	26341.238	4547.979	1	**73.43**	**60.59**
92	2013OCT21_A_SolvA_33		5.23	14.199	15.955	0.043	1		
93	2013OCT21_A_SolvA_34		5.19	2.141	0.804	1.087	0		
94	2013OCT21_A_RiverdaleRd_1		5.32	187669.531	134335.5	18156.773	1	**349.18**	**288.11**
95	2013OCT21_A_RiverdaleRd_2		5.33	182930.938	123831.141	17782.074	1	**340.36**	**280.83**
96	2013OCT21_A_RiverdaleRd_3		5.33	179481.016	118237.125	19579.1	1	**333.94**	**275.54**
97	2013OCT21_A_SolvA_35		5.25	87.004	8.953	18.422	0		
98	2013OCT21_A_SolvA_36						#DIV/0!		
99	2013OCT21_A_SolvA_37		5.18	0.748		1.159	#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	5.34	76.29	13.331	11.976	0		
101	2013OCT21_A_0-05_Std_2	0.05	5.36	440.516	367.746	26.417	1		
102	2013OCT21_A_0-1_Std_2	0.1	5.34	753.522		21.895	#DIV/0!		
103	2013OCT21_A_0-5_Std_2	0.5	5.34	3409.227	1765.279	112.75	1		
104	2013OCT21_A_1_Std_2	1	5.36	4618.839	4686.167	502.314	1		
105	2013OCT21_A_5_Std_2	5	5.34	27541.877	21053.164	3279.418	1		
106	2013OCT21_A_10_Std_2	10	5.34	54649.02	41319.813	6449.487	1		
107	2013OCT21_A_25_Std_2	25	5.36	136924.781	97696.094	16202.482	1		
108	2013OCT21_A_50_Std_2	50	5.34	266460.438	178540.75	28708.863	1		
109	2013OCT21_A_100_Std_2	100	5.36	502777.813	332879.719	54976.484	1		
110	2013OCT21_A_200_Stds_2	200	5.37	992688.313	659593.188	103200.539	1		
111	2013OCT21_A_SolvA_38		5.36	20.462	44.283		0		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39		5.29	0.446	0.673	0.44	0		
114	2013OCT21_A_SolvA_40		5.31	2.924	1.128	13.947	0		
115	2013OCT21_A_SolvA_41		5.23	8.311	2.099		0		
116	2013OCT21_A_SolvA_42						#DIV/0!		

Compound 25: Sucralose

							yes=1,no=0		Conc. (ng/g)
							Ident'd?	**Calc'd**	**%diff**
	Name	Std. Conc	RT	Area	1º Area	2º Area	#DIV/0!		
1	2013OCT21_SolvA_1						#DIV/0!		#DIV/0!
2	2013OCT21_A_Lab Blk						#DIV/0!		#DIV/0!
3	2013OCT21_A_Travel Blk		2.19	0.274			#DIV/0!		#DIV/0!
4	2013OCT21_A_0-01_Std	0.01					#DIV/0!	0.0	-100%

5	2013OCT21_A_0-05_Std	0.05				#DIV/0!	0.0	-100%
6	2013OCT21_A_0-1_Std	0.1				#DIV/0!	0.0	-100%
7	2013OCT21_A_0-5_Std	0.5	2.22	15.95	422.772	#DIV/0!	0.6	10%
8	2013OCT21_A_1_Std	1	2.21	11.226	201.481	#DIV/0!	0.4	-61%
9	2013OCT21_A_5_Std	5	2.24	94.771	328.033	#DIV/0!	3.3	-35%
10	2013OCT21_A_10_Std	10	2.23	366.102		#DIV/0!	12.6	26%
11	2013OCT21_A_25_Std	25	2.24	519.818	283.939	#DIV/0!	17.9	-28%
12	2013OCT21_A_50_Std	50	2.24	1272.53	139.509	#DIV/0!	43.9	-12%
13	2013OCT21_A_100_Std	100	2.24	3671.12	315.258	#DIV/0!	126.6	27%
14	2013OCT21_A_200_Stds	200	2.24	5479.765	597.563	#DIV/0!	189.0	-5%
15	2013OCT21_A_SolvA_2		2.27	5.879		#DIV/0!	0.0	280%
16	2013OCT21_A_Surrogate_1					#DIV/0!	0.0	-100%
17	2013OCT21_A_SolvA_3		2.29	20.079	0.095	#DIV/0!	0.0	-100%
18	2013OCT21_A_SolvA_4		2.32	2.351	0.416	#DIV/0!	0.0	-100%
19	2013OCT21_A_MM_0		2.24	390.859	678.423	#DIV/0!	0.0	-100%
20	2013OCT21_A_MM_1		2.24	784.011	1076.443	#DIV/0!	0.8	-85%
21	2013OCT21_A_MM_5		2.24	805.815		#DIV/0!	2.5	-75%
22	2013OCT21_A_MM_10		2.24	557.371		#DIV/0!	8.1	-67%
23	2013OCT21_A_MM_25		2.24	1005.389	583.248	#DIV/0!	37.4	-25%
24	2013OCT21_A_MM_50		2.24	1598.956	367.037	#DIV/0!	64.8	-35%
25	2013OCT21_A_MM_100		2.24	3721.924	448.408	#DIV/0!	125.3	-37%
26	2013OCT21_A_SolvA_5					#DIV/0!	Forced (0,0)	MM
27	2013OCT21_A_SolvA_6		2.33	0.548	0.814	#DIV/0!	(ng/L in sample)	
28	2013OCT21_A_BerwynRd_1		2.24	566.021	452.594	#DIV/0!	**195.24**	**181.60**
29	2013OCT21_A_BerwynRd_2		2.24	1049.348	334.853	#DIV/0!	**361.95**	**336.67**
30	2013OCT21_A_BerwynRd_3		2.24	758.957		#DIV/0!	**261.78**	**243.50**
31	2013OCT21_A_SolvA_7		2.17	26.602	1.245	#DIV/0!		
32	2013OCT21_A_SolvA_8		2.26	4.781		#DIV/0!		
33	2013OCT21_A_UMD_1		2.24	505.874	359.187	#DIV/0!	**174.49**	**162.31**
34	2013OCT21_A_UMD_2		2.24	248.882	360.611	#DIV/0!	**85.85**	**79.85**
35	2013OCT21_A_UMD_3		2.24	314.027	176.124	#DIV/0!	**108.32**	**100.75**
36	2013OCT21_A_SolvA_9		2.29	12.288	0.949	#DIV/0!		
37	2013OCT21_A_SolvA_10					#DIV/0!		
38	2013OCT21_A_Arboretum1_1		2.24	734.16	403.289	#DIV/0!	**253.23**	**235.55**
39	2013OCT21_A_Arboretum1_2		2.23	645.705	188.927	#DIV/0!	**222.72**	**207.17**
40	2013OCT21_A_Arboretum1_3		2.26	580.13	316.12	#DIV/0!	**200.10**	**186.13**
41	2013OCT21_A_SolvA_11		2.26	48.311	0.743	#DIV/0!		
42	2013OCT21_A_SolvA_12		2.26	0.037	0.279	#DIV/0!		
43	2013OCT21_A_Arboretum2_1		2.23	597.774	194.398	#DIV/0!	**206.19**	**191.79**
44	2013OCT21_A_Arboretum2_2		2.24	986.506	252.941	#DIV/0!	**340.27**	**316.51**
45	2013OCT21_A_Arboretum2_3		2.24	565.338	218.425	#DIV/0!	**195.00**	**181.38**
46	2013OCT21_A_SolvA_13		2.24	63.118	0.786	#DIV/0!		
47	2013OCT21_A_SolvA_14		2.31	13.503		#DIV/0!		
48	2013OCT21_A_QC_Std25_1		2.25	442.625	150.308	#DIV/0!	**152.67**	**142.01**
49	2013OCT21_A_SolvA_15		2.22	29.822	0.968	#DIV/0!		
50	2013OCT21_A_SolvA_16		2.23	3.099	0.135	#DIV/0!		

51	2013OCT21_A_NorthDr1_1	2.24	91.596	212.148	#DIV/0!	**31.59**	**29.39**
52	2013OCT21_A_NorthDr1_2	2.24	145.54	287.949	#DIV/0!	**50.20**	**46.70**
53	2013OCT21_A_NorthDr1_3	2.24	53.824	167.427	#DIV/0!	**18.57**	**17.27**
54	2013OCT21_A_SolvA_17	2.29	89.622	0.408	#DIV/0!		
55	2013OCT21_A_SolvA_18	2.16	10.083		#DIV/0!		
56	2013OCT21_A_NorthDr2_1	2.22	146.879		#DIV/0!	**50.66**	**47.12**
57	2013OCT21_A_NorthDr2_2	2.23	594.214		#DIV/0!	**204.96**	**190.65**
58	2013OCT21_A_NorthDr2_3	2.24	489.963	163.742	#DIV/0!	**169.00**	**157.20**
59	2013OCT21_A_SolvA_19	2.33	5.022		#DIV/0!		
60	2013OCT21_A_SolvA_20				#DIV/0!		
61	2013OCT21_A_AnacostiaPk_1	2.23	446.461	285.396	#DIV/0!	**154.00**	**143.24**
62	2013OCT21_A_AnacostiaPk_2	2.24	970.46	573.056	#DIV/0!	**334.74**	**311.36**
63	2013OCT21_A_AnacostiaPk_3	2.22	610.108	355.963	#DIV/0!	**210.44**	**195.75**
64	2013OCT21_A_SolvA_21	2.2	0.704	0.295	#DIV/0!		
65	2013OCT21_A_SolvA_22	2.27	0.828	0.425	#DIV/0!		
66	2013OCT21_A_GreenbeltPk_1	2.24	355.336	403.892	#DIV/0!	**122.56**	**114.01**
67	2013OCT21_A_GreenbeltPk_2	2.24	282.897	77.15	#DIV/0!	**97.58**	**90.77**
68	2013OCT21_A_GreenbeltPk_3	2.24	447.412	335.651	#DIV/0!	**154.32**	**143.55**
69	2013OCT21_A_SolvA_23				#DIV/0!		
70	2013OCT21_A_SolvA_24	2.32	13.179	0.64	#DIV/0!		
71	2013OCT21_A_PowderMillRd_1	2.25	729.661	278.838	#DIV/0!	**251.68**	**234.11**
72	2013OCT21_A_PowderMillRd_2	2.24	292.874	484.595	#DIV/0!	**101.02**	**93.97**
73	2013OCT21_A_PowderMillRd_3	2.24	376.289	209.18	#DIV/0!	**129.79**	**120.73**
74	2013OCT21_A_SolvA_25	2.25	27.925	0.73	#DIV/0!		
75	2013OCT21_A_SolvA_26	2.26	2.157	0.579	#DIV/0!		
76	2013OCT21_A_QC_Std25_2	2.24	427.124	263.478	#DIV/0!	**147.33**	**137.04**
77	2013OCT21_A_SolvA_27	2.19	1.222		#DIV/0!		
78	2013OCT21_A_SolvA_28	2.29	0.922		#DIV/0!		
79	2013OCT21_A_ResearchRd_1			178.689	#DIV/0!	**0.00**	**0.00**
80	2013OCT21_A_ResearchRd_2	2.23	98.914	483.661	#DIV/0!	**34.12**	**31.74**
81	2013OCT21_A_ResearchRd_3	2.21	73.68	346.495	#DIV/0!	**25.41**	**23.64**
82	2013OCT21_A_SolvA_29				#DIV/0!		
83	2013OCT21_A_SolvA_30				#DIV/0!		
84	2013OCT21_A_Skateboard_1	2.24	764.754	339.46	#DIV/0!	**263.78**	**245.36**
85	2013OCT21_A_Skateboard_2	2.24	663.673	400.386	#DIV/0!	**228.92**	**212.93**
86	2013OCT21_A_Skateboard_3	2.24	748.607	146.796	#DIV/0!	**258.21**	**240.18**
87	2013OCT21_A_SolvA_31	2.26	9.305	0.442	#DIV/0!		
88	2013OCT21_A_SolvA_32	2.19	0.968	0.293	#DIV/0!		
89	2013OCT21_A_SligoCreek_1	2.23	1093.953	223.282	#DIV/0!	**377.33**	**350.99**
90	2013OCT21_A_SligoCreek_2	2.24	1327.533	333.444	#DIV/0!	**457.90**	**425.93**
91	2013OCT21_A_SligoCreek_3	2.24	1163.763	90.077	#DIV/0!	**401.41**	**373.38**
92	2013OCT21_A_SolvA_33				#DIV/0!		
93	2013OCT21_A_SolvA_34	2.27	2.375	1.215	#DIV/0!		
94	2013OCT21_A_RiverdaleRd_1	2.24	597.876		#DIV/0!	**206.22**	**191.82**
95	2013OCT21_A_RiverdaleRd_2	2.24	452.243	25.569	#DIV/0!	**155.99**	**145.10**

96	2013OCT21_A_RiverdaleRd_3		2.24	394.609	420.904		#DIV/0!	**136.11**	**126.61**
97	2013OCT21_A_SolvA_35		2.22	0.842			#DIV/0!		
98	2013OCT21_A_SolvA_36		2.32	1.178	0.493		#DIV/0!		
99	2013OCT21_A_SolvA_37		2.21	18.902			#DIV/0!		
100	2013OCT21_A_0-01_Std_2	0.01	2.21	1.101	325.418		#DIV/0!		
101	2013OCT21_A_0-05_Std_2	0.05					#DIV/0!		
102	2013OCT21_A_0-1_Std_2	0.1			81.56		#DIV/0!		
103	2013OCT21_A_0-5_Std_2	0.5					#DIV/0!		
104	2013OCT21_A_1_Std_2	1					#DIV/0!		
105	2013OCT21_A_5_Std_2	5	2.23	22.206	64.761		#DIV/0!		
106	2013OCT21_A_10_Std_2	10	2.23	72.543	275.265		#DIV/0!		
107	2013OCT21_A_25_Std_2	25	2.23	236.023	177.545		#DIV/0!		
108	2013OCT21_A_50_Std_2	50	2.24	1084.593			#DIV/0!		
109	2013OCT21_A_100_Std_2	100	2.24	1880.1	351.59		#DIV/0!		
110	2013OCT21_A_200_Stds_2	200	2.24	3633.302	294.725		#DIV/0!		
111	2013OCT21_A_SolvA_38		2.17	43.45	0.715		#DIV/0!		
112	2013OCT21_A_Surrogate_2						#DIV/0!		
113	2013OCT21_A_SolvA_39		2.3	7.189	0.627		#DIV/0!		
114	2013OCT21_A_SolvA_40						#DIV/0!		
115	2013OCT21_A_SolvA_41		2.23	0.019			#DIV/0!		
116	2013OCT21_A_SolvA_42		2.29	42.666	0.401		#VALUE!		

Compound 26: Sucralose-d6

yes=1,no=0

	Name	Std. Conc	RT	Area	1º Area	2º Area	**Ident'd?**		
							#DIV/0!		
1	2013OCT21_SolvA_1		2.19	2.377			#DIV/0!		
2	2013OCT21_A_Lab Blk		2.23	2329.274			#DIV/0!	**2353**	**Avg**
3	2013OCT21_A_Travel Blk		2.22	2649.739			#DIV/0!	**18%**	**RSD**
4	2013OCT21_A_0-01_Std	0.01	2.22	2683.007			#DIV/0!		
5	2013OCT21_A_0-05_Std	0.05	2.22	2846.648			#DIV/0!		
6	2013OCT21_A_0-1_Std	0.1	2.23	2754.531			#DIV/0!		
7	2013OCT21_A_0-5_Std	0.5	2.23	3184.546			#DIV/0!		
8	2013OCT21_A_1_Std	1	2.23	2264.291			#DIV/0!		
9	2013OCT21_A_5_Std	5	2.22	3021.443			#DIV/0!		
10	2013OCT21_A_10_Std	10	2.22	2674.575			#DIV/0!		
11	2013OCT21_A_25_Std	25	2.22	2792.942			#DIV/0!		
12	2013OCT21_A_50_Std	50	2.22	2840.874			#DIV/0!		
13	2013OCT21_A_100_Std	100	2.22	3333.843			#DIV/0!		
14	2013OCT21_A_200_Stds	200	2.22	2014.448			#DIV/0!		
15	2013OCT21_A_SolvA_2						#DIV/0!		
16	2013OCT21_A_Surrogate_1		2.32	0.295			#DIV/0!		
17	2013OCT21_A_SolvA_3						#DIV/0!		
18	2013OCT21_A_SolvA_4						#DIV/0!		
19	2013OCT21_A_MM_0		2.22	2109.155			#DIV/0!		
20	2013OCT21_A_MM_1		2.22	3231.193			#DIV/0!		
21	2013OCT21_A_MM_5		2.23	3251.303			#DIV/0!		
22	2013OCT21_A_MM_10		2.23	2399.296			#DIV/0!		

23	2013OCT21_A_MM_25	2.22	2407.652	#DIV/0!
24	2013OCT21_A_MM_50	2.23	1797.519	#DIV/0!
25	2013OCT21_A_MM_100	2.23	2749.147	#DIV/0!
26	2013OCT21_A_SolvA_5	2.27	0.744	#DIV/0!
27	2013OCT21_A_SolvA_6	2.24	0.226	#DIV/0!
28	2013OCT21_A_BerwynRd_1	2.24	2174.993	#DIV/0!
29	2013OCT21_A_BerwynRd_2	2.22	2251.781	#DIV/0!
30	2013OCT21_A_BerwynRd_3	2.22	2333.839	#DIV/0!
31	2013OCT21_A_SolvA_7	2.29	1.136	#DIV/0!
32	2013OCT21_A_SolvA_8	2.17	7.816	#DIV/0!
33	2013OCT21_A_UMD_1	2.22	2024.318	#DIV/0!
34	2013OCT21_A_UMD_2	2.23	2744.286	#DIV/0!
35	2013OCT21_A_UMD_3	2.22	2634.369	#DIV/0!
36	2013OCT21_A_SolvA_9			#DIV/0!
37	2013OCT21_A_SolvA_10			#DIV/0!
38	2013OCT21_A_Arboretum1_1	2.22	2623.378	#DIV/0!
39	2013OCT21_A_Arboretum1_2	2.23	2398.812	#DIV/0!
40	2013OCT21_A_Arboretum1_3	2.22	2041.251	#DIV/0!
41	2013OCT21_A_SolvA_11	2.24	0.744	#DIV/0!
42	2013OCT21_A_SolvA_12	2.31	0.445	#DIV/0!
43	2013OCT21_A_Arboretum2_1	2.23	1984.819	#DIV/0!
44	2013OCT21_A_Arboretum2_2	2.23	2822.95	#DIV/0!
45	2013OCT21_A_Arboretum2_3	2.23	2179.32	#DIV/0!
46	2013OCT21_A_SolvA_13			#DIV/0!
47	2013OCT21_A_SolvA_14	2.32	0.304	#DIV/0!
48	2013OCT21_A_QC_Std25_1	2.22	2741	#DIV/0!
49	2013OCT21_A_SolvA_15			#DIV/0!
50	2013OCT21_A_SolvA_16	2.15	0.185	#DIV/0!
51	2013OCT21_A_NorthDr1_1	2.22	2479.567	#DIV/0!
52	2013OCT21_A_NorthDr1_2	2.22	2612.102	#DIV/0!
53	2013OCT21_A_NorthDr1_3	2.22	2825.502	#DIV/0!
54	2013OCT21_A_SolvA_17			#DIV/0!
55	2013OCT21_A_SolvA_18	2.3	49.219	#DIV/0!
56	2013OCT21_A_NorthDr2_1	2.23	2689.003	#DIV/0!
57	2013OCT21_A_NorthDr2_2	2.22	2514.505	#DIV/0!
58	2013OCT21_A_NorthDr2_3	2.22	2899.536	#DIV/0!
59	2013OCT21_A_SolvA_19			#DIV/0!
60	2013OCT21_A_SolvA_20	2.13	0.072	#DIV/0!
61	2013OCT21_A_AnacostiaPk_1	2.22	2073.153	#DIV/0!
62	2013OCT21_A_AnacostiaPk_2	2.22	1995.176	#DIV/0!
63	2013OCT21_A_AnacostiaPk_3	2.23	2543.218	#DIV/0!
64	2013OCT21_A_SolvA_21	2.24	2.378	#DIV/0!
65	2013OCT21_A_SolvA_22			#DIV/0!
66	2013OCT21_A_GreenbeltPk_1	2.23	2662.719	#DIV/0!
67	2013OCT21_A_GreenbeltPk_2	2.24	1981.668	#DIV/0!

68	2013OCT21_A_GreenbeltPk_3		2.22	2332.865	#DIV/0!
69	2013OCT21_A_SolvA_23				#DIV/0!
70	2013OCT21_A_SolvA_24		2.33	0.87	#DIV/0!
71	2013OCT21_A_PowderMillRd_1		2.23	2520.19	#DIV/0!
72	2013OCT21_A_PowderMillRd_2		2.23	2298.277	#DIV/0!
73	2013OCT21_A_PowderMillRd_3		2.22	2296.444	#DIV/0!
74	2013OCT21_A_SolvA_25		2.27	0.274	#DIV/0!
75	2013OCT21_A_SolvA_26		2.18	0.715	#DIV/0!
76	2013OCT21_A_QC_Std25_2		2.23	2289.259	#DIV/0!
77	2013OCT21_A_SolvA_27		2.29	0.61	#DIV/0!
78	2013OCT21_A_SolvA_28		2.3	0.464	#DIV/0!
79	2013OCT21_A_ResearchRd_1		2.23	2826.839	#DIV/0!
80	2013OCT21_A_ResearchRd_2		2.23	2418.483	#DIV/0!
81	2013OCT21_A_ResearchRd_3		2.23	2307.798	#DIV/0!
82	2013OCT21_A_SolvA_29				#DIV/0!
83	2013OCT21_A_SolvA_30		2.22	0.736	#DIV/0!
84	2013OCT21_A_Skateboard_1		2.22	1796.001	#DIV/0!
85	2013OCT21_A_Skateboard_2		2.22	2101.094	#DIV/0!
86	2013OCT21_A_Skateboard_3		2.23	2054.97	#DIV/0!
87	2013OCT21_A_SolvA_31				#DIV/0!
88	2013OCT21_A_SolvA_32		2.28	17.066	#DIV/0!
89	2013OCT21_A_SligoCreek_1		2.23	2064.381	#DIV/0!
90	2013OCT21_A_SligoCreek_2		2.23	1979.129	#DIV/0!
91	2013OCT21_A_SligoCreek_3		2.22	1559.837	#DIV/0!
92	2013OCT21_A_SolvA_33				#DIV/0!
93	2013OCT21_A_SolvA_34				#DIV/0!
94	2013OCT21_A_RiverdaleRd_1		2.22	3314.723	#DIV/0!
95	2013OCT21_A_RiverdaleRd_2		2.22	2449.115	#DIV/0!
96	2013OCT21_A_RiverdaleRd_3		2.22	1576.127	#DIV/0!
97	2013OCT21_A_SolvA_35		2.25	17.377	#DIV/0!
98	2013OCT21_A_SolvA_36		2.25	2.578	#DIV/0!
99	2013OCT21_A_SolvA_37		2.24	1.99	#DIV/0!
100	2013OCT21_A_0-01_Std_2	0.01	2.22	1857.189	#DIV/0!
101	2013OCT21_A_0-05_Std_2	0.05	2.22	2156.077	#DIV/0!
102	2013OCT21_A_0-1_Std_2	0.1	2.22	1587.181	#DIV/0!
103	2013OCT21_A_0-5_Std_2	0.5	2.22	1855.626	#DIV/0!
104	2013OCT21_A_1_Std_2	1	2.22	1980.704	#DIV/0!
105	2013OCT21_A_5_Std_2	5	2.22	1979.156	#DIV/0!
106	2013OCT21_A_10_Std_2	10	2.22	2174.564	#DIV/0!
107	2013OCT21_A_25_Std_2	25	2.22	2017.925	#DIV/0!
108	2013OCT21_A_50_Std_2	50	2.22	1968.658	#DIV/0!
109	2013OCT21_A_100_Std_2	100	2.23	1666.181	#DIV/0!
110	2013OCT21_A_200_Stds_2	200	2.23	1882.096	#DIV/0!
111	2013OCT21_A_SolvA_38				#DIV/0!
112	2013OCT21_A_Surrogate_2				#DIV/0!
113	2013OCT21_A_SolvA_39		2.17	0.799	#DIV/0!

114	2013OCT21_A_SolvA_40			#DIV/0!
115	2013OCT21_A_SolvA_41			#DIV/0!
116	2013OCT21_A_SolvA_42	2.27	0.335	#VALUE!

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