TOEROEK
ASSOCIATES, INC.

August 30, 2021

Mr. Bradley Roberts
Task Order Contracting Officer's Representative
U.S. Environmental Protection Agency, Region 7
11201 Renner Boulevard
Lenexa, Kansas 66219

Subject: Contract No. 68HERH19D0018; Task Order (TO) No. 68E0719F0190
Advanced Auto Parts and Former Fashions R Boutique
9844 and 9846 West Florissant Avenue, Dellwood, Missouri
Phase II Environmental Site Assessment (ESA)

Dear Mr. Roberts:

Toeroek Associates, Inc. (Toeroek) and our teaming subcontractor, Tetra Tech, Inc. (Tetra Tech) (hereafter "Toeroek Team"), are pleased to present the Phase II Environmental Site Assessment (ESA) report regarding the Advanced Auto Parts and Former Fashions R Boutique (the subject property) located at 9844 and 9846 West Florissant Avenue in Dellwood, St. Louis County, Missouri. A Phase I ESA was not conducted by the Toeroek Team; the Phase II ESA was developed based on the following previous investigations: (1) the Phase I ESA at 9844 West Florissant Avenue performed by Terracon Consultants, Inc. (Terracon) in June 2017; (2) the Phase II Targeted Brownfields Assessment (TBA) performed by Tetra Tech in June 2018 at 9844 West Florissant Avenue; and (3) the Phase I ESA performed by SCS Engineers in January 2019 at 9846 West Florissant Avenue. This deliverable has been reviewed internally as part of Tetra Tech's quality assurance program, as well as Toeroek's quality assurance program, and is consistent with Toeroek's Quality Management Plan for the Resource Conservation and Recovery Act (RCRA) Enforcement and Permitting Assistance (REPA) contract. Documentation of this review is retained in the Toeroek Team's project files.

If you have any questions or comments, please contact Greg Hanna at 720-898-4102 or Kaitlyn Mitchell at 816-412-1742.

Sincerely,

Greg Hanna
Toeroek Team Program Manager

Kaitlyn Mitchell
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Enclosure: Phase II ESA

cc: Frank Novello, EPA Region 7
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TARGETED BROWNFIELDS ASSESSMENT
PHASE II ENVIRONMENTAL SITE ASSESSMENT

ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
9844-9846 WEST FLORISSANT AVENUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 7

Task Order	:	68E0719F0190
Subtask	:	06.03
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Date Prepared	:	August 30, 2021
Contract No.	:	68HERH19D0018
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1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) tasked Toeroek Associates, Inc. (Toeroek) and its teaming subcontractor, Tetra Tech, Inc. (Tetra Tech) (hereafter "Toeroek Team"), with providing technical support to the EPA Region 7 Brownfields Program under Contract 68HERH19D0018, Task Order (TO) 68E0719F0190. EPA Region 7 requested that the Toeroek Team conduct a Phase II Environmental Site Assessment (ESA) as part of a Targeted Brownfields Assessment (TBA) of the Advanced Auto Parts and Former Fashions R Boutique site, consisting of two adjacent properties located at 9844 and 9846 West Florissant Avenue) in Dellwood, St. Louis County, Missouri (the subject property). The subject property was previously occupied by the Fashions R Boutique and Advanced Auto Parts, respectively (see Appendix A, Figure 1). The Toeroek Team did not conduct a Phase I ESA for the subject property; this Phase II ESA was developed based on the results of the following previous investigations: a Phase I ESA at 9844 West Florissant Avenue performed by Terracon Consultants, Inc. (Terracon) in June 2017 (Terracon 2017); a Phase II TBA at the 9844 West Florissant Avenue conducted by Tetra Tech in June 2018 (Tetra Tech 2018); and the Phase I ESA at 9846 West Florissant Avenue performed by SCS Engineers (SCS) in January 2019 (SCS 2019). According to the Brownfields Assessment Applications (EPA 2020a, 2020b), the current property owner, Urban League of St. Louis, has shown an interest in developing the subject property to include a commercial building, the "Urban League Plaza," contingent on findings from the Phase II ESA.

The scope of the Phase II ESA included a ground penetrating radar (GPR) survey and collection of subsurface soil, groundwater, and soil-gas samples to confirm or eliminate recognized environmental conditions (RECs) in areas not sampled during the previous Phase II ESA (Tetra Tech 2018) conducted at 9844 West Florissant Avenue. Additionally, this Phase II ESA investigated the potential for vapor intrusion issues at the subject property if buildings are constructed at the subject property. Soil-gas data were compared to screening levels to determine if concentrations of volatile organic compounds (VOCs) were high enough to pose the potential for vapor intrusion into future buildings at the subject property.

This Phase II ESA report is consistent with ASTM International (ASTM) Standard E1903-19 for Phase II ESAs, and otherwise complies with EPA's "All Appropriate Inquiries" Rule (AAI Rule) (40 *Code of Federal Regulations* [CFR] Part 312).

1.1 PURPOSE

Purposes of this Phase II ESA were to: (1) confirm or eliminate the RECs identified during the Phase I ESAs; (2) acquire information regarding the nature of contamination (if present) and risks posed by that

contamination that would support informed business decisions about the property; and (3) where applicable, satisfy the innocent purchaser defense under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

1.2 SPECIAL TERMS AND CONDITIONS

No special terms or conditions were identified during the Phase II ESA.

2.0 BACKGROUND AND SITE HISTORY

This section specifies the location of the subject property and its features, conveys the physical setting, recounts the history of the subject property, discusses land uses at the subject property and adjacent properties, and relates results of previous investigations.

2.1 SITE DESCRIPTION AND FEATURES

The subject property consists of two adjoining vacant lots located at 9844 and 9846 West Florissant Avenue in Dellwood, St. Louis County, Missouri. The subject property is depicted on the Clayton, Missouri, U.S. Geological Survey (USGS) 7.5-minute topographic series map (USGS 1975), and is just south of the area shown on the Florissant, Missouri, USGS 7.5-minute topographic series map (USGS 1982) (see Appendix A, Figure 1). Coordinates at the approximate center of the subject property are 38.746860 degrees north latitude and 90.279024 degrees west longitude. The 9844 West Florissant Avenue property is an approximately 0.55-acre, partially paved vacant lot hosting no structures. The foundation of a former building is present at the property. The 9846 West Florissant Avenue property is an approximately 0.75-acre, mostly paved vacant lot hosting no structures. Figure 2 in Appendix A illustrates the approximate footprint of the former buildings and the subject property boundaries.

2.2 PHYSICAL SETTING

Dellwood is a city of approximately 5,200 residents located in northern St. Louis County approximately 10 miles to the northwest of downtown St. Louis, Missouri. The subject property is situated along a commercial corridor with residential neighborhoods beyond. It is bound to the north by Auto Spa Speedy Wash, a car wash; to the east by residential housing; to the south by a TitleMax Title Loans and Hunan Chop Suey restaurant; and to the west by West Florissant Avenue, with commercial and retail buildings beyond.

2.2.1 Geologic Setting

St. Louis County lies within the gently rolling Central Lowland physiographic province. The sedimentary rocks beneath St. Louis County consist primarily of Mississippian rocks that crop out in a wide to narrow band extending from southwestern Missouri to just north of the Missouri River in central Missouri, and as a second, less extensive band in northeastern Missouri parallel to the Mississippi River. Mississippian strata are mostly limestone (commonly cherty) but include some beds of sandstone and shale (USGS 1997). The subject property is within an area of the County where cyclic deposits of shale and sandstone of

Pennsylvanian age overlie Mississippian carbonates. The Missouri geologic map indicates the subject property is along the boundary between rocks of the Marmaton Group and the Cherokee Group.

Soil at the subject property has been classified according to U.S. Department of Agriculture (USDA) Soil Conservation Services Web Soil Survey reviewed in July 2021. The soil consists of urban land, harvester complex with 9 to 20 percent slopes. This soil type is found in hillslopes and interfluves, is moderately well drained, and consists of silt loam (to depth of 7 inches), silty clay loam (from 7 to 31 inches deep), and clay loam (from 31 to 80 inches deep) (USDA 2021). During the Phase II ESA, soils observed in soil borings consisted primarily of clays and urban fill (see Section 3.2.2). The subject property slopes generally from north to south.

2.2.2 Hydrogeology

The Site is within the northern portion of the Ozark Plateaus Aquifer system, which consists of three main aquifers. From shallowest to deepest, these three aquifers consist of the Springfield Plateau aquifer, which consists almost entirely of Mississippian-age limestone; the Ozark aquifer, which consists mostly of Devonian- to Cambrian-age limestone and high-yielding dolomite; and the St. Francois aquifer, which consists mostly of Cambrian-age dolomite and sandstone (USGS 1997). A tributary of Maline Creek is located approximately 450 feet to the south of the subject property.

Currently, groundwater is not used for drinking water at the subject property. The City of Dellwood obtains its drinking water from a private utility supplier, Missouri American Water (Missouri American Water 2020).

During the SCS Phase I TBA, Environmental Data Resources, Inc. was unable to obtain data on groundwater flow and velocity. In the absence of site-specific data or other indicators, direction of groundwater flow may be inferred from the regional topographic gradient. Therefore, groundwater flow is inferred to the south in the direction of the topographic gradient (SCS 2019). During the 2018 Phase II ESA conducted at 9844 West Florissant Avenue (former Fashions R Boutique), groundwater was encountered at 20 to 29 feet below ground surface (bgs) (Tetra Tech 2018).

Three wells are located within a 1-mile radius of the subject property. Two are private water wells, and one is a USGS Water Science well—all three are located more than 0.5 mile to the north and upgradient of the subject property (Terracon 2017).

2.2.3 Hydrology

The subject property is generally flat; however, surface water likely flows north to south into storm sewers or to the east-southeast toward the Mississippi River, which is approximately 3.5 miles to the east-southeast of the subject property.

2.2.4 Meteorology

Annual average rainfall in St. Louis, Missouri, is 38 inches. Average summer temperature highs are around 83 degrees Fahrenheit (°F). Average winter lows are around 24°F (National Weather Service 2021).

2.3 SITE HISTORY AND LAND USE

Currently, no structures are located on the subject property; however, partially paved vacant lots with remnants of concrete building foundations are present. Available historical documentation (the Historical Auto Service database) lists 9844 West Florissant Avenue as Dellwood Automotive, a gasoline service station and motor vehicle supplies and parts store, from approximately 1986 to 1989. A clothing boutique (Fashions R Boutique) operated at the building on-site from 2006 to 2011. The building burned down in 2014 (Terracon 2017). Historical documentation regarding 9846 West Florissant Avenue indicates an Advanced Auto Parts store operated on the property from approximately 2000 until 2014, when the building was demolished (SCS 2019).

2.4 ADJACENT PROPERTY USE

Development of residential housing to the east and west of the subject property began around 1958. Over the following decade, the developments to the west, north and south of the subject property became predominantly commercial (SCS 2019).

Currently, the subject property is bound to the north by Auto Spa Speedy Wash, a car wash; to the east by residential housing; to the south by a TitleMax Title Loans and Hunan Chop Suey restaurant; and to the west by West Florissant Avenue, with commercial and retail buildings beyond.

2.5 SUMMARY OF PREVIOUS ASSESSMENTS

In June 2017, Terracon conducted a Phase I TBA of 9844 West Florissant Avenue on behalf of the Missouri Department of Natural Resources (MDNR). The Phase I TBA identified a REC associated with historical use of the subject property as an auto service and machine shop (Terracon 2017). However, the property

was not listed as a Resource Conservation and Recovery Act (RCRA) hazardous waste generator, and no registered underground storage tanks (USTs), spills, or releases were indicated at the property. The adjoining property to the north was listed in UST and Leaking Underground Storage Tank (LUST) databases. USTs had been removed from that property in the 2000s, and impacts on soil and groundwater had been detected at the northern portion of the property (north of the subject property). Additional investigations occurred and a No Further Action Letter was issued in 2016; therefore, this does not pose a REC to the subject property (Terracon 2017).

In April 2018, the Superfund Technical Assessment and Response Team (START) conducted a Phase II TBA at 9844 West Florissant Avenue after identification of the REC during the Phase I TBA by Terracon in June 2017. The Phase II TBA included collection of subsurface soil samples from direct-push technology (DPT) borings and of groundwater samples from temporary wells. An objective was to characterize possible historical releases to the environment. Based on detections of analytes within the former building's footprint, a release of solvents, gasoline, and diesel may have occurred associated with the historical use of that building as an auto service and machine shop (Tetra Tech 2018).

SCS performed a Phase I ESA of 9846 West Florissant Avenue on behalf of MDNR. The Phase I did not indicate any RECs (SCS 2019).

No other assessments are known to have occurred at the subject property.

3.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT ACTIVITIES

The following subsections describe the scope, field exploration, and methods implemented during this Phase II ESA. From June 1 through 4, 2021, Toeroek Team members Zach Usher and Reed Niemack oversaw a GPR survey and conducted subsurface soil sampling, groundwater sampling, and soil-gas sampling. Photographs taken to document Phase II ESA field activities are in Appendix B. Phase II activities were documented in a site logbook; a copy is in Appendix C.

3.1 SCOPE OF THE ASSESSMENT

The Toeroek Team performed environmental sampling to determine if subsurface soils, soil-gas, and groundwater are contaminated by current and/or historical activities at the subject property. Sampling was consistent with the Quality Assurance Project Plan (QAPP) approved by EPA on April 14, 2021 (Toeroek 2021).

3.1.1 Sampling Plan

The proposed sampling scheme for this project incorporated a combination of biased/judgmental sampling with definitive laboratory analysis, in accordance with procedures included in the *Guidance for Performing Site Inspections Under CERCLA* (Office of Solid Waste and Emergency Response [OSWER] Directive #9345.1-05, September 1992). All samples were submitted for analysis to an off-site laboratory subcontracted by the Toeroek Team. The objectives of the soil and groundwater sampling were to characterize possible previous releases to the environment. Figure 2 in Appendix A depicts the sampling locations at the subject property. Sampling at the subject property occurred as follows:

- Twelve surface soil samples were collected, one at each of 12 Geoprobe direct-push technology (DPT) boring locations (9844-B1 through -B6 and 9846-B1 though -B6). Two of these samples were collected as duplicates, from 9846-B4 and 9844-B2.
- Nine groundwater samples were collected, one at each of nine boring locations (9844-B1, 9844-B3 through -B6, and 9846-B1 through -B4).
- Twelve soil-gas samples were collected, one at each of 12 Geoprobe DPT boring locations (9844-SV1 through -SV6 and 9846-SV1 though -SV6). At each boring location, one soil-gas sample was collected within a 6-inch interval at a depth between 5.5 and 6 feet bgs.

3.1.2 Chemical Testing Plan

Laboratory analyses for chemical parameters were selected based on possibly present contaminants associated with historical uses of the subject property. Samples were submitted to ALS Environmental (ALS) of Holland, Michigan, to be analyzed for the following parameters: VOCs, semivolatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH) – gasoline-range organics (GRO), TPH – diesel-range organics (DRO), TPH – oil-range organics (ORO), and RCRA metals including mercury.

3.1.3 Deviations from the QAPP

The following deviations from the QAPP occurred during the Phase II ESA activities:

- Groundwater samples were not collected at 9844-B2, 9846-B5 or 9846-B6 due to not encountering groundwater prior to refusal or boring termination at 30 feet bgs.
- Insufficient volumes of groundwater were collected at 9844-B6 and 9846-B1 through -B4. As such, VOC, SVOC, and TPH analyses for these samples were determined to be of greater importance based on the contaminants of concern at the subject property; therefore, total and dissolved metals analyses were not performed.
- Groundwater samples shipped via FedEx Corporation (FedEx) on Friday, June 4, 2021, did not arrive at the laboratory until the Monday, June 7, 2021. The extended shipping time resulted in arrival of the groundwater samples at temperatures above 10 degrees Celsius (ºC). Therefore, data from these samples were qualified as estimated.

3.2 FIELD EXPLORATION AND METHODS

Field activities at the subject property occurred from June 1 through 4, 2021. Samples were shipped to ALS in Holland Michigan, via FedEx. The following sections summarize soil, groundwater, and soil-gas sample collections. Sampling locations are depicted on Figure 2 in Appendix A.

3.2.1 GPR Survey

The Toeroek Team subcontractor, Ground Penetrating Radar Systems, LLC (GPRS) conducted an integrated geophysical survey by use of multi-phase GPR. Approximately 55,000 square feet were surveyed to an effective depth of approximately 3 feet. Real-time active scanning methods were applied to locate possibly present USTs within the designated scan areas. A copy of the GPR survey report is in Appendix E.

3.2.2 Soil Sampling

Twelve subsurface soil samples were collected during Phase II activities to investigate present contamination from historical activities at the subject property (see Appendix A, Figure 2).

Sampling was proceeded by the use of a Geoprobe DPT rig. The Toeroek Team obtained soil cores using Geoprobe 5-foot-long Macro-Core samplers with disposable polyvinyl chloride (PVC) liners, and screened the soil cores using a hand-held photoionization detector (PID) for presence of elevated concentrations of VOCs. Soil borings were to be advanced to maximum depth of 30 feet bgs, to groundwater, or to refusal, whichever occurred first. Subsurface soil samples were collected at biased intervals based on detected staining or odor, or elevated PID readings. If no staining/odor or elevated PID readings were noted within the subsurface interval, the sample was collected from the bottom 2 feet of the soil core. Boring logs are in Appendix C.

Soil sampling for analyses for VOCs and TPH-GRO (via SW-846 Method 8260) accorded with EPA Method 5035, which specifies collection of approximately five grams of soil into three 40-milliliter (mL) vials directly from the undisturbed core by use of a disposable volatile organic analysis (VOA) plunger. Two vials were preserved with sodium bisulfate, and one vial was preserved with methanol. Remaining soil from each sample interval was homogenized and placed into one 8-ounce jar. Samples were analyzed for SVOCs (via SW-846 Method 8270), TPH-DRO (via SW-846 Method 8270), TPH-ORO (via SW-846 Method 8270), and RCRA metals including mercury (via SW-846 Method 6020 and Method 7470). Table 1 below summarizes soil samples collected during this Phase II ESA.

TABLE 1

**SUBSURFACE SOIL SAMPLE SUMMARY
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI**

Boring Identification	Sample Identification	Depth Interval (ft bgs)	Latitude (°N)	Longitude (°W)	Analyses Performed
9844 West Florissant Avenue					
9844-B1	9844-B1 (24-26)	24-26	38.74674	90.27912	VOCs, SVOCs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA Metals (including mercury)
9844-B2	9844-B2 (8-10)	8-10	38.7469	90.27933	
	9844-B2 (8-10) DUP				
9844-B3	9844-B3 (24-26)	24-26	38.74697	90.27921	
9844-B4	9844-B4 (8-10)	8-10	38.74700	90.27897	
9844-B5	9844-B5 (12-14)	12-14	38.74689	90.27893	
9844-B6	9844-B6 (8-10)	8-10	38.74687	90.27908	

TABLE 1

**SUBSURFACE SOIL SAMPLE SUMMARY
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI**

Boring Identification	Sample Identification	Depth Interval (ft bgs)	Latitude (°N)	Longitude (°W)	Analyses Performed
9846 West Florissant Avenue					
9846-B1	9846-B1 (24-26)	24-26	38.74658	90.27905	VOCs, SVOCs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA Metals (including mercury)
9846-B2	9846-B2 (28-30)	28-30	38.74660	90.27883	
9846-B3	9846-B3 (28-30)	28-30	38.74648	90.27881	
9846-B4	9846-B4 (27-29)	27-29	38.74647	90.27899	
	9846-B4 (27-29) DUP				
9846-B5	9846-B3 (28-30)	28-30	38.746320	90.27902	
9846-B6	9846-B6 (21-23)	21-23	38.746469	90.27919	

Notes:

B	Boring	ORO	Oil-range organics
DRO	Diesel-range organics	RCRA	Resource Conservation and Recovery Act
DUP	Field duplicate	SVOC	Semivolatile organic compound
ft bgs	Feet below ground surface	TPH	Total petroleum hydrocarbons
GRO	Gasoline-range organics	VOC	Volatile organic compound
N	North	W	West

3.2.3 Groundwater Sampling

The Toeroek Team was to collect 12 groundwater samples at locations co-located with the 12 soil samples; however, groundwater was not encountered at depths above the planned maximum boring depth of 30 feet bgs in soil borings 9844-B2, 9846-B5, or 9846-B6. Groundwater was encountered between 10 and 30 feet bgs in the remaining borings.

The Toeroek Team collected groundwater samples using 1-inch disposable PVC well casings with a 10-foot-long screen set at the bottom of each boring. The casings were sealed with bentonite at the surface and allowed to sit for at least 24 hours. Before sampling, approximately one gallon of water was purged through disposable polyethylene tubing by use of a check valve placed at the bottom of the tubing. Samples to be analyzed for low-level VOCs (including TPH-GRO) via SW-846 Method 8260 were collected into five 40-mL vials preserved with HCl. Samples for analyses for SVOCs, TPH-DRO, and TPH-ORO (via SW-846 Method 8270) were collected in six unpreserved 1-liter (L) amber glass bottles. Samples for RCRA metals analyses (via SW-846 Method 6020 and Method 7470) were collected in two 250-mL containers (one for analysis for total metals and one for analysis for dissolved metals), and were preserved with nitric acid (HNO_3) to a pH of less than 2. Samples for dissolved metals analysis were filtered in the field through a 0.45-micrometer filter prior to placement into the preserved container. Table 2 below summarizes groundwater samples collected during this Phase II ESA.

TABLE 2

**GROUNDWATER SAMPLE SUMMARY
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI**

Boring Identification	Sample Identification	Depth Interval (ft bgs)	Latitude (°N)	Longitude (°W)	Analyses Performed
9844 West Florissant Avenue					
9844-B1	9844-B1 (24-26)	24-26	38.74674	90.27912	VOCs, SVOCs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA Metals (including mercury)
9844-B3	9844-B3 (24-26)	24-26	38.74697	90.27921	
9844-B4	9844-B4 (8-10)	8-10	38.74700	90.27897	
9844-B5	9844-B5 (12-14)	12-14	38.74689	90.27893	
9844-B6	9844-B6 (8-10)	8-10	38.74687	90.27908	VOCs, SVOCs, TPH-GRO, TPH-DRO, and TPH-ORO
9846 West Florissant Avenue					
9846-B1	9846-B1 (24-26)	24-26	38.74658	90.27905	VOCs, SVOCs, TPH-GRO, TPH-DRO, and TPH-ORO
9846-B2	9846-B2 (28-30)	28-30	38.74660	90.27883	
9846-B3	9846-B3 (28-30)	28-30	38.74648	90.27881	
9846-B4	9846-B4 (27-29)	27-29	38.74647	90.27899	

Notes:

B	Boring	ORO	Oil-range organics
DRO	Diesel-range organics	PCB	Polychlorinated biphenyl
FD	Field duplicate	RCRA	Resource Conservation and Recovery Act
ft bgs	Feet below ground surface	SVOC	Semivolatile organic compound
GRO	Gasoline-range organics	TPH	Total petroleum hydrocarbons
GW	Groundwater	VOC	Volatile organic compound
N	North	W	West

3.2.4 Soil-gas Sampling

The Toeroek Team collected 12 soil-gas samples during Phase II activities, co-located with the 12 soil samples (9844-B1 through B-6 and 9846-B1 through B-6), to investigate potential vapor contamination from historical activities at the subject property (see Appendix A, Figure 2).

At each sampling location, by use of the DPT rig, steel rods were advanced to approximately 6 feet bgs, and then retracted approximately 6 inches to create a void space to allow collection of soil-gas. The soil-gas samples were collected through the steel rods via disposable polyethylene tubing connected to the bottom of the rod string and an evacuated SUMMA® canister on the ground surface. Air in the tubing was evacuated with a vacuum pump prior to connection of the tubing to the SUMMA® canister. After connection of the SUMMA® canister to the tubing, a valve on the SUMMA® canister was opened to begin sample collection. The SUMMA® canister remained attached to the polyethylene tubing until the vacuum gauge indicated approximately 5 to 7 pounds per square inch (psi) in the canister. After completion of sampling at

each location, each piece of sampling equipment that encountered the soil-gas sample, except for the dedicated polyethylene tubing, was decontaminated by application of an Alconox and tapwater wash, followed by a tapwater rinse. SUMMA® canisters were submitted to ALS for analysis for VOCs via EPA Method Toxic Organics (TO)-15. Table 2 below summarizes soil-gas samples collected during this Phase II ESA.

TABLE 3

SOIL-GAS SAMPLE SUMMARY
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Boring Identification	Sample Identification	Latitude (°N)	Longitude (°W)	Analyses Performed
9844 West Florissant Avenue				
9844-B1	9844-SV1	38.74674	90.27912	VOCs
9844-B2	9844-SV2	38.7469	90.27933	
9844-B3	9844-SV3	38.74697	90.27921	
9844-B4	9844-SV4	38.74700	90.27897	
9844-B5	9844-SV5	38.74689	90.27893	
9844-B6	9844-SV6	38.74687	90.27908	
9846 West Florissant Avenue				
9846-B1	9846-SV1	38.74658	90.27905	VOCs
9846-B2	9846-SV2	38.74660	90.27883	
9846-B3	9846-SV3	38.74648	90.27881	
9846-B4	9846-SV4	38.74647	90.27899	
9846-B5	9846-SV5	38.746320	90.27902	
9846-B6	9846-SV6	38.746469	90.27919	

Notes:

B Boring
ft bgs Feet below ground surface
N North
SV Soil Vapor
VOC Volatile organic compound
W West

3.2.5 Quality Control Sampling

Field quality control (QC) sampling for this investigation included five water trip blanks (three associated with 9844 West Florissant Avenue groundwater samples and two associated with 9846 West Florissant Avenue groundwater samples), two soil trip blanks (one associated with each address), two field blanks (one associated with each address), two equipment rinsate blanks (one associated with each address), and two soil field duplicates (one associated with each address). Groundwater field duplicates were not collected due to low sample volume. ALS analyzed trip blanks for VOCs. Analytical data from the trip blanks were referenced to determine whether contamination had been introduced in the field and/or during

transportation of containers and samples. Field blanks were analyzed for VOCs, SVOCs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals (including mercury). Analytical data from the field blanks were used to assess contamination potentially introduced during sampling and/or laboratory procedures. Analytical data from the equipment rinsate sample were used to determine whether decontamination of equipment after sampling had been effective, and whether cross-contamination had occurred. Soil field duplicates and groundwater field duplicates were collected to determine total method precision. Analytical results from field duplicate samples were used to calculate the relative percent difference (RPD) between each set of duplicate pair results for each reported analyte. The RPDs were used for informational purposes only; however, the higher concentration of each analyte in each duplicate sample pair was to be used at the discretion of the EPA Project Manager. Calculated RPDs are included in the applicable data validation reports in Appendix D. Analytical accuracy was determined via analyses of laboratory-prepared spikes and duplicates.

4.0 EVALUATION AND PRESENTATION OF RESULTS

The following sections present analytical data from subsurface soil, groundwater, and soil-gas samples collected during the Phase II ESA. Soil sample results from this ESA were compared to Missouri Risk-Based Correction Action Default Target Levels (MRBCA DTLs) and Tier I Risk-Based Target Levels (RBTLs), and EPA regional screening levels (RSLs) for residential land use. Metals results from soil samples were also compared to St. Louis County average background concentrations to determine if those metals results were consistent with naturally occurring concentrations in the County (USGS 2021). A detected concentration of a metal is considered naturally occurring if at or below the average county background concentration (within the one standard deviation margin of error). Analytical results from groundwater samples were compared to Federal Maximum Contaminant Levels (MCLs), MRBCA DTLs, Tier I RBTLs for residential and/or non-residential land use, and to EPA RSLs for residential land use.

VOC results from soil-gas samples were compared to EPA Vapor Intrusion Screening Levels (VISLs) using a target hazard quotient of 0.1 (EPA 2021), and to Tier 1 RBTLs for Type 3 (clayey) residential soil vapor. Copies of analytical data packages and data validation reports are in Appendix D.

4.1 GPR SURVEY

The Toeroek Team subcontractor, GPRS, conducted an integrated geophysical survey using multi-phase GPR. Approximately 55,000 square feet were surveyed to an effective depth of approximately 3 feet.

GPRS marked several utilities throughout 9846 West Florissant Avenue and some in the southwest corner area of 9844 West Florissant Avenue. The nature of some of the underground lines surveyed were not known. A copy of the GPR survey report is in Appendix E.

4.2 SOIL SAMPLES

A total of 12 subsurface soil samples were collected from 12 pre-selected locations to investigate present contamination from historical activities at the subject property. Samples were submitted to ALS for analyses for VOCs, SVOCs, TPH-GRO, TPH-DRO, TPH-ORO, and RCRA metals.

VOCs

Several VOCs were detected in the subsurface soil duplicate sample 9844-B2 (8-10) and in samples 9844-B4 (8-10), 9844-B5 (12-14), and 9844-B6 (8-10) from 9844 West Florissant Avenue. Methyl tertiary butyl ether (MTBE) was detected in samples 9846-B2 (28-30), 9846-B3 (28-30), 9846-B5 (28-30), and 9846-B6 (21-23) from 9846 West Florissant Avenue. None of these detected VOC concentrations exceeded a regulatory benchmark. Table 4 below lists VOC detections in subsurface soil.

TABLE 4

DETECTED VOC RESULTS FROM SUBSURFACE SOIL SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Sample Identification	Acetone	Carbon disulfide	Cyclohexane	Ethylbenzene	Isopropylbenzene	Methyl acetate	Methyl tertiary butyl ether	Methylcyclohexane
	EPA RSL Residential Soil							
	6,100,000	**77,000**	**650,000**	**5,800**	**190,000**	**7,800,000**	**47,000**	**NE**
	EPA RSL Industrial Soil							
	67,000,000	**350,000**	**2,700,000**	**25,000**	**990,000**	**120,000,000**	**210,000**	**NE**
	MRBCA LDTL							
	4,200	**6,260**	**NE**	**39,900**	**10,500**	**NE**	**398**	**NE**
	RBTL (Residential Land Use Subsurface Clayey Soils)							
	14,300,000	**21,400**	**NE**	**646,000**	**33,200**	**NE**	**117,000**	**NE**
9844 West Florissant Avenue								
9844-B2 (8-10)	280 J	38 U	540 J	8.1 J	180 J	310 U	38 U	38 UJ
9844-B2 (8-10) DUP	130 UJ	38 U	130 UJ	38 U	35 J	320 U	38 U	160 J
9844-B4 (8-10)	130 U	40 U	130 U	15 J	40 U	58 J	40 U	51
9844-B5 (12-14)	140 U	41 U	140 U	41 U	41 U	340 U	41 U	5800
9844-B6 (8-10)	68 J+	4.8 J-	10 UJ	5 UJ	5 UJ	10 UJ	5 UJ	10 UJ
9846 West Florissant Avenue								
9846-B2 (28-30)	9.5 UJ	4.7 UJ	9.5 UJ	4.7 UJ	4.7 UJ	9.5 UJ	5.8 J-	9.5 UJ
9846-B3 (28-30)	11 UJ	5.6 UJ	11 UJ	5.6 UJ	5.6 UJ	11 UJ	6.3 J-	11 UJ
9846-B5 (28-30)	8.1 UJ	4.1 UJ	8.1 UJ	4.1 UJ	4.1 UJ	8.1 UJ	1 J-	8.1 UJ
9846-B6 (21-23)	7.6 UJ	3.8 UJ	7.6 UJ	3.8 UJ	3.8 UJ	7.6 UJ	0.49 J-	7.6 UJ

Notes:

All values are in micrograms per kilogram.

B	Boring
DUP	Duplicate
EPA	U.S. Environmental Protection Agency
J	Estimated value (+ indicates biased high; - indicates biased low)
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
RBTL	Risk-based Target Level
RSL	Regional Screening Level
U	Not detected
VOC	Volatile organic compound

SVOCs

Several SVOCs were detected in two samples collected from 9844 West Florissant Avenue and in four samples collected from 9846 West Florissant Avenue. Pentachlorophenol was detected at concentrations exceeding the MRBCA LDTL in the duplicate sample 9846-B4 (27-29) and in sample 9846-B6 (21-23) but not exceeding any other regulatory benchmarks. No other SVOC was detected at a level exceeding a regulatory benchmark in any other sample. Table 5 below lists SVOC detections in subsurface soil.

TABLE 5

DETECTED SVOC RESULTS FROM SUBSURFACE SOIL SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Sample Identification	2-Methylnaphthalene	Benzo(a)anthracene	Chrysene	Fluoranthene	Fluorene	Naphthalene	Pentachlorophenol	Phenanthrene	Pyrene
	EPA RSL Residential Soil								
	24,000	**1,100**	**110,000**	**240,000**	**240,000**	**2,000**	**1,000**	**NE**	**180,000**
	EPA RSL Industrial Soil								
	300,000	**21,000**	**2,100,000**	**3,000,000**	**3,000,000**	**8,600**	**4,000**	**NE**	**2,300,000**
	MRBCA LDTL = 4,200								
	7,550	**6,120**	**599,000**	**2,280,000**	**211,000**	**325**	**89**	**NE**	**1,500,000**
	RBTL (Residential Land Use Subsurface Clayey Soils)								
	2,030,000	**440,000,000**	**595,000,000**	**23,800,000,000**	**753,000,000**	**84,500**	**44,100,000**	**NE**	**24,500,000,000**
9844 West Florissant Avenue									
9844-B2 (8-10) DUP	5.8 J	8.3 U	8.3 U	8.3 U	8.3	8.3 U	41 U	11	8.3 U
9844-B5 (12-14)	150	8.4 J	8.4 U	14	8.4 U	62	42 U	8.4 U	13
9846 West Florissant Avenue									
9846-B1 (24-26)	7.6 U	16	9.9	34	7.6 U	7.6 U	38 U	7.6 U	24
9846-B4 (27-29) DUP	7.6 UJ	7.6 UJ	7.6 UJ	7.6 UJ	7.6 UJ	7.6 UJ	140 J-	7.6 UJ	7.6 UJ
9846-B5 (28-30)	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	39 U	9.4 J-	7.8 UJ
9846-B6 (21-23)	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	130	7.4 U	7.4 U

Notes:

All values are in micrograms per kilogram.
Gold highlighting indicates the concentration exceeds the MRBCA LDTL.

B	Boring
DUP	Duplicate
EPA	U.S. Environmental Protection Agency
J	Estimated value (+ indicates biased high; - indicates biased low)
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
RBTL	Risk-based Target Level
RSL	Regional Screening Level
SVOC	Semivolatile organic compound
U	Not detected

TPH

TPH-GRO was detected in most samples from both addresses. TPH-GRO concentrations exceeded the EPA residential RSL in sample 9844-B4 (8-10) and exceeded both residential and industrial RSLs in the duplicate sample pair 9844-B2 (8-10). TPH-GRO was detected at a level exceeding EPA RSLs and the MRBCA LDTL in sample 9844-B5 (12-14). No detected concentrations at 9846 West Florissant Avenue exceeded any regulatory benchmarks. Table 6 below lists all TPH detections in subsurface soil. TPH-DRO and TPH-ORO were not detected in any samples.

TABLE 6

DETECTED TPH RESULTS FROM SUBSURFACE SOIL SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Sample Identification	TPH-GRO EPA RSL Residential Soil = 8,200 EPA RSL Industrial Soil = 42,000 MRBCA LDTL = 385,000 RBTL (Residential Land Use Subsurface Clayey Soils) = 1,200,000
9844 West Florissant Avenue	
9844-B1 (24-26)	4,100 J
9844-B2 (8-10)	***330,000 J***
9844-B2 (8-10) DUP	***60,000 J***
9844-B4 (8-10)	**16,000**
9844-B5 (12-14)	***920,000 J+***
9846 West Florissant Avenue	
9846-B1 (24-26)	1,500 J
9846-B2 (28-30)	1,700 J
9846-B4 (27-29) DUP	4,000 J
9846-B5 (28-30)	1,600 J

Notes:

All values are in micrograms per kilogram.
Bold font indicates the concentration exceeds the EPA residential RSL.
Italic font indicates the concentration exceeds the industrial RSL.
Gold highlighting indicates the concentration exceeds the MRBCA LDTL.

B	Boring
DUP	Duplicate
EPA	U.S. Environmental Protection Agency
GRO	Gasoline-range organics
J	Estimated value (+ indicates biased high; - indicates biased low)
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
RBTL	Risk-based Target Level
RSL	Regional Screening Level
TPH	Total petroleum hydrocarbons

Metals

Metals were detected in all subsurface soil samples. Detections of arsenic or lead occurred at levels exceeding LDTLs in most samples. Arsenic was detected at concentrations exceeding the background level of 10.561 milligrams per kilogram (mg/kg) in samples 9844-B1 (24-26) and 9844-B3 (24-26) from 9844 West Florissant Avenue. Background levels of selenium and mercury were exceeded in several samples collected at both addresses; however, the detected levels were lower than any other regulatory benchmarks. Table 7 below lists metals detections in subsurface soil samples.

TABLE 7

DETECTED METALS RESULTS FROM SUBSURFACE SOIL SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Sample Identification	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
	EPA RSL Residential Soil							
	0.68	**1,500**	**7.1**	**NE**	**400**	**39**	**39**	**1.1**
	EPA RSL Industrial Soil							
	3	**22,000**	**98**	**NE**	**800**	**580**	**580**	**4.6**
	MRBCA LDTL = 4,200							
	3.89	**2,040**	**9.31**	**74,600**	**3.74**	**6.27**	**16.2**	**2.19**
	RBTL (Residential Land Use Subsurface Clayey Soils)							
	NE	**NE**	**NE**	**NE**	**260**	**NE**	**NE**	**7.11**
	USGS St. Louis County Average (USGS 2021)							
	10.561	**NE**	**NE**	**NE**	**40.95**	**0.357**	**NE**	**0.028**
9844 West Florissant Avenue								
9844-B1 (24-26)	***16***	130	0.89 U	9.5	4	0.35 J	0.55	0.029 J+
9844-B2 (8-10)	***4***	93	0.88 U	15	7.1	0.88 U	0.44 U	0.025 U
9844-B2 (8-10) DUP	***5.4***	96	0.84 U	15	7.5	0.84 U	0.42 U	0.026 J+
9844-B3 (24-26)	***80***	140	0.37 J	12	7.7	0.9 U	0.45 U	0.045 J+
9844-B4 (8-10)	***4.6***	140	0.9 U	9.6	8.9	0.51 J	0.45 U	0.021 U
9844-B5 (12-14)	***4.7***	130	0.96 U	11	12	0.96 U	0.48 U	0.022 U
9844-B6 (8-10)	***7***	180	0.84 U	14	21	0.84 U	0.42 U	0.034 J+
9846 West Florissant Avenue								
9846-B1 (24-26)	**2.6**	130	0.93 U	7.3	3.5	0.93 U	0.46 U	0.019 U
9846-B2 (28-30)	***7.1***	140	0.89 U	16	11	0.89 U	0.45 U	0.028
9846-B3 (28-30)	***3.4***	120	0.9 U	13	9.8	0.9 U	0.45 U	0.021 J
9846-B4 (27-29)	***5***	95	0.91 U	12	7.7	0.91 U	0.45 U	0.023 U
9846-B4 (27-29) DUP	***3.7***	67	0.81 U	11	5.9	0.81 U	0.4 U	0.036
9846-B5 (28-30)	***4.2***	67	0.8 U	12	8.8	0.8 U	0.4 U	0.023 U
9846-B6 (21-23)	**1.2 J-**	290	0.79 U	10 J+	2.3	0.28 J-	0.33 J	0.018 U

Notes:

All values are in milligrams per kilogram.
Bold font indicates concentration exceeds the EPA residential RSL.
Italic font indicates concentration exceeds the industrial RSL.
Gold highlighting indicates concentration exceeds the residential RBTL.
Green highlighting indicates concentration exceeds the county average concentration.

B	Boring
DUP	Duplicate
EPA	U.S. Environmental Protection Agency
J	Estimated value (+ indicates biased high; - indicates biased low)
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
RBTL	Risk-based Target Level
RSL	Regional Screening Level
U	Not detected
USGS	United States Geological Survey

4.3 GROUNDWATER SAMPLES

Nine groundwater samples were collected at locations co-located with nine of the soil samples. Groundwater was not encountered at depths above the planned maximum boring depth of 30 feet bgs in soil borings 9844-B2, 9846-B5, and 9846-B6. Groundwater was encountered between 10 and 30 feet bgs in the remaining borings. Samples were submitted to ALS for analyses for VOCs, SVOCs, TPH-GRO, TPH-DRO, TPH-ORO, and total and dissolved RCRA metals. Volumes of groundwater in samples collected at 9844-B6 and 9846-B1 through -B4 were not sufficient for total or dissolved metals analyses.

VOCs

Several VOCs were detected in all groundwater samples. No detected concentrations from either address exceeded any regulatory benchmarks. Groundwater samples shipped via FedEx on Friday, June 4, did not arrive at the laboratory until the following Monday, June 7. The extended shipping time resulted in arrival of the groundwater samples at temperatures above 10ºC; therefore, data from these samples were qualified as estimated and biased low. Table 8 below lists VOC detections in groundwater. Some additional VOCs may have been present in the samples when collected, but concentrations may have dropped below detection limits due to the increased temperature at which the samples were held during transportation.

TABLE 8

DETECTED VOC RESULTS FROM GROUNDWATER SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Sample Identification	Acetone	Bromoform	Carbon disulfide	Methyl tertiary butyl ether
	EPA Tapwater RSL			
	1,400	**3.3**	**81**	**14**
	MRBCA LDTL			
	2,970	**80**	**527**	**128**
	MRBCA RBTL (Residential Land Use Groundwater Clayey Soils)			
	6,660,000	**2,960**	**20,800**	**23,500**
9844 West Florissant Avenue				
9844-B1	10 U	1.6 J+	1 UJ	0.86 J
9844-B3	10 UJ	1 U	1 UJ	2.8 J
9844-B4	14 J+	1.3 J+	1 J	22 J
9844-B5	13 J+	1 UJ	1 UJ	4.2 J
9844-B6	14 J+	1 U	1 UJ	0.93 J
9846 West Florissant Avenue				
9846-B1	10 UJ	1.1 J+	1 UJ	1 UJ
9846-B2	12 J	1 UJ	1 UJ	4.2 J
9846-B3	21 J	1 UJ	1 UJ	12 J
9846-B4	10 UJ	1 UJ	0.7 J	1.2 J

Notes:

All values are in micrograms per liter.

B	Boring
EPA	U.S. Environmental Protection Agency
J	Estimated value (+ indicates biased high; - indicates biased low)
LDTL	Lowest Default Target Level
MRBCA	Missouri Risk-based Corrective Action
RBTL	Risk-based Target Level
RSL	Regional Screening Level
U	Not detected
VOC	Volatile organic compound

SVOCs

No SVOCs were detected in groundwater samples collected from 9846 West Florissant Avenue. Several SVOCs were detected in groundwater samples collected from 9844 West Florissant Avenue. In addition, several samples had reporting limits for SVOCs that exceeded relevant regulatory benchmarks, so analytes may be present in the sample at a concentration that exceeds the benchmark but that is below the ability of the instrument to resolve the concentration.

Benzo(a)anthracene was detected in the samples from 9844-B3 and -B6. The reporting limit for non-detected results at 9844-B5 exceeded each regulatory benchmark, including the non-residential RBTL. Benzo(a)pyrene was detected at 9844-B3 and -B6 at levels exceeding all regulatory benchmarks. Reporting limits for the non-detected results at 9844-B1 and -B5 exceeded the LDTL, as well as the residential and non-residential RBTLs; the reporting limit for the non-detect result at 9844-B5 also exceeded the MCL. Benzo(b)fluoranthene and pyrene were detected in the samples from 9844-B3. The reporting limits for the non-detected results at 9844-B5 and -B6 were at levels exceeding all regulatory benchmarks. The reporting limit for the non-detected results for both constituents at 9844-B1 exceeded the LDTL and the residential RBTL. Benzo(k)fluoranthene, was detected in the sample from 9844-B3. The reporting limits for the non-detected results at 9844-B5 and -B6 exceeded the LDTL and the residential RBTL. The reporting limit for the non-detected results for butyl benzyl phthalate at 9844-B3 and -B6 exceeded the EPA Tapwater RSL. Table 9 below lists SVOC detections in groundwater samples from 9844 West Florissant Avenue.

TABLE 9

DETECTED SVOC RESULTS FROM GROUNDWATER SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Sample Identification	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k) fluoranthene	Butyl benzyl phthalate	Chrysene	Fluoranthene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
	EPA Tapwater RSL										
	0.03	**0.2***	**0.25**	**NE**	**2.5**	**16**	**25**	**80**	**0.25**	**NE**	**12**
	MRBCA LDTL										
	0.103	**0.0102**	**0.0627**	**26.4**	**0.646**	**1,550**	**10.3**	**164**	**0.0382**	**75**	**96.1**
	MRBCA RBTL (Residential Land Use Groundwater Clayey Soils)										
	0.174	**0.0102**	**0.101**	**37.9**	**1.04**	**4,190**	**17.4**	**300**	**0.0614**	**420**	**164**
	MRBCA RBTL (Non-Residential Land Use Groundwater Clayey Soils)										
	0.637	**0.0374**	**0.368**	**210**	**3.8**	**23,200**	**63.7**	**1660**	**0.224**	**2,330**	**907**
9844 West Florissant Avenue											
9844-B1	**0.1 UJ**	*0.1 UJ*	*0.1 UJ*	0.1 UJ	0.1 UJ	1 UJ	0.1 UJ	0.15 J	*0.1 UJ*	0.1 UJ	0.1 J
9844-B3	***3.6 J***	***2.2 J***	***5.2 J***	2.4 J	*1.6 J*	**20 UJ**	3.2 J	8.8 J	***2.6 J***	2.6 J	5 J
9844-B5	***2 UJ***	***2 UJ***	***2 UJ***	2 UJ	*2 UJ*	12 J	2 UJ	2 UJ	***2 UJ***	2 UJ	2 UJ
9844-B6	***3.8 J***	***2 J***	***2 UJ***	2 UJ	*2 UJ*	**20 UJ**	2 UJ	18 J	***2 UJ***	10 J	10 J

Notes:

All values are in micrograms per liter.
Bold font indicates concentration exceeds the EPA tapwater RSL and/or the MCL.
Italic font indicates concentration exceeds the MRBCA LDTL.
Gold highlighting indicates concentration exceeds the residential RBTL.
Coral highlighting indicates concentration exceeds the non-residential RBTL.

*	Maximum Contaminant Level
B	Boring
EPA	U.S. Environmental Protection Agency
J	Estimated value (+ indicates biased high; - indicates biased low)
LDTL	Lowest Default Target Level
MCL	Maximum Contaminant Level
MRBCA	Missouri Risk-based Corrective Action
RBTL	Risk-based Target Level
RSL	Regional Screening Level
SVOC	Semivolatile organic compound
U	Not detected

TPH

TPH-DRO and TPH-ORO were detected in all groundwater samples except at 9844-B1 at 9844 West Florissant Avenue. TPH-GRO was detected in the groundwater sample collected at 9844-B5 at the same address. No detected concentration exceeded a regulatory benchmark.

Metals

Because of limited groundwater recovery, only samples from 9844 West Florissant Avenue underwent metals analyses. Metals were detected in all groundwater samples. Results from total metals analysis indicated levels of naturally occurring arsenic, barium, cadmium, chromium, lead, selenium, and silver that exceeded EPA MCLs or LDTLs. However, results from the dissolved metals analysis indicated that only concentrations of dissolved arsenic and dissolved lead in the groundwater sample collected at 9844-B1 exceeded EPA MCLs and LTDLs. Assumedly, a substantial component of the concentrations of total metals derived from metals leached from suspended sediment rather than groundwater. No concentration of a dissolved metal exceeded a residential RBTL. Table 10 below lists total and dissolved metals detections in groundwater samples.

TABLE 10

**DETECTED METALS RESULTS FROM GROUNDWATER SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI**

Sample Identification	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
	EPA MCL (*Tapwater RSL used when MCL not available)							
	0.01	**2**	**0.005**	**0.1**	**0.015**	**0.05**	**0.0094***	**0.002**
	MRBCA LDTL							
	0.01	**2**	**0.005**	**0.1**	**0.015**	**0.05**	**0.0781**	**0.0507**
	MRBCA RBTL (Residential Land Use Groundwater Clayey Soils)							
	0.158	**1120**	**0.625**	**0.1**	**NE**	**27.9**	**46.6**	**NE**
	MRBCA RBTL (Non-Residential Land Use Groundwater Clayey Soils)							
	0.578	**6,190**	**2.28**	**46,500**	**NE**	**155**	**258**	**NE**
9844 West Florissant Avenue								
Total Metals								
9844-B1	***0.034 J-***	1.6 J	***0.01 UJ***	***0.14 J-***	***0.048 J-***	0.01 UJ	0.0072 J	0.0002 UJ
9844-B3	0.0063 J	0.24 J	***0.01 UJ***	0.033 J	0.0079 J	0.01 UJ	**0.0097 J**	0.00019 J
9844-B4	***0.033 J***	***4.5 J***	***0.01 UJ***	***0.24 J***	***0.075 J***	0.0056 J	0.013 J	0.00052 J
9844-B5	***0.067 J***	***7.6 J***	0.0047 J	***0.43 J***	***0.17 J***	0.0079 J	0.016 J	0.00036 J
Dissolved Metals								
9844-B1	***0.012 J***	0.56 J	***0.01 UJ***	0.07 J	**0.018 J**	0.01 UJ	0.0075 J	0.0002 UJ
9844-B3	0.005 UJ	0.22 J	***0.01 UJ***	0.005 UJ	0.005 UJ	0.01 UJ	0.0066 J	0.0002 UJ

9844-B4	0.005 UJ	0.21 J	***0.01 UJ***	0.005 UJ	0.005 UJ	0.01 UJ	0.0082 J	0.0002 UJ
9844-B5	0.0024 J	0.34 J	***0.01 UJ***	0.005 UJ	0.0028 J	0.01 UJ	0.0075 J	0.0002 UJ

Notes:

All values are in micrograms per liter.
Bold font indicates concentration exceeds the EPA tapwater RSL and/or the MCL.
Italic font indicates concentration exceeds the MRBCA LDTL.
Gold highlighting indicates concentration exceeds the residential RBTL.

B	Boring
EPA	U.S. Environmental Protection Agency
J	Estimated value (+ indicates biased high; - indicates biased low)
LDTL	Lowest Default Target Level
MCL	Maximum Contaminant Level
MRBCA	Missouri Risk-based Corrective Action
RBTL	Risk-based Target Level
RSL	Regional Screening Level
U	Not detected

4.4 SOIL-GAS SAMPLES

The Toeroek Team collected 12 soil-gas samples during the Phase II activities, six samples at each address co-located with soil borings at 9844-B1 through B-6 and 9846-B1 through B-6. These samples were collected to detect contamination in the soil vapor from historical activities at the subject property. Soil-gas samples were submitted to ALS for analysis for VOCs via EPA Method TO-15. Analytical data were compared to EPA VISLs using a target hazard quotient of 0.1 (EPA 2021), and to Tier 1 RBTLs for Type 3 (clayey) residential soil vapor.

VOCs were detected in all soil-gas samples from both addresses except in the sample with very high detection limits, collected at 9844-SV6 at 9844 West Florissant Avenue. No detected result exceeded an MRBCA residential RBTL. Detections of acrolein concentrations at 9844-SV4 at 9844 West Florissant Avenue and at 9846-SV1 and -SV2 at 9846 West Florissant Avenue exceeded EPA residential and commercial VISLs. Additionally, the reporting limits for the non-detected results exceeded one or both of these VISLs for the remaining samples. Detected benzene concentrations exceeded the residential VISL at 9844-SV3, and the residential and commercial VISLs at 9846-SV3. Detected concentrations of 1,3-butadiene exceeded the residential and commercial VISLs at both addresses; in addition, reporting limits for some non-detected results exceeded these benchmarks. All detected naphthalene concentrations in samples collected at 9844 West Florissant Avenue exceeded the residential VISL, as did the reporting limit for a non-detected naphthalene result at 9844-SV1. The naphthalene result at 9844-SV3 at the same address exceeded both the residential and commercial VISLs. Three detected results and one non-detected result for naphthalene at

9846 West Florissant Avenue exceeded the residential VISL. Table 11 below lists detected results in soil-gas samples at both addresses.

TABLE 11

DETECTED VOC RESULTS FROM SOIL-GAS SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
DELLWOOD, ST. LOUIS COUNTY, MISSOURI

Sample Identification	Acetone	Acetonitrile	Acrolein	alpha-Pinene	Benzene	1,3-Butadiene	2-Butanone (MEK)	Carbon Disulfide	Cumene	Cyclohexane
	Residential Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	1,070,000	**2,090**	**0.695**	**NE**	**12**	**3.12**	**174,000**	**24,300**	**13,900**	**209,000**
	Commercial Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	4,510,000	**8,760**	**2.92**	**NE**	**52.4**	**13.6**	**730,000**	**102,000**	**58,400**	**876,000**
	MRBCA Soil-Gas RBTL, Residential, Soil Type 2 (Silty)									
	159,000,000	**2,820,000**	**1,170**	**NE**	**618,000**	**NE**	**352,000,000**	**43,900,000**	**34,800,000**	**NE**
9844 West Florissant Avenue										
9844-SV1	83 U	8.5 U	***18 U***	8.5 U	8.3 U	**8.3 U**	38	16 U	8.3 U	16 U
9844-SV2	50	4.1 U	***8.6 U***	4.1 U	9.3	***21***	16	7.8	4.1 U	7.8 U
9844-SV3	150	8 U	***17 U***	8 U	**17**	**11**	41	15 U	7.9 U	15 U
9844-SV4	71	4.3	***4.5***	1.1	11	**9**	19	5.5	1.2	4.8
9844-SV5	20	0.81 U	***1.7 U***	0.81 U	4.4	0.8 U	3.2	1.5 U	0.8 U	1.5 U
9846 West Florissant Avenue										
9846-SV1	90	4.5	***5.5***	1.2	5.5	***26***	17	17	0.79 U	1.5 U
9846-SV2	59	3.4	***8***	0.82 U	4.4	**10**	12	2.9	0.81 U	1.6 U
9846-SV3	270	26	***9.2 U***	11	***82***	***91***	61	33	4.7	19
9846-SV4	8.3 U	0.84 U	**1.7 U**	0.84 U	1.2	1	1.6 U	1.6 U	0.83 U	1.6 U
9846-SV5	130	3.3 U	***6.9 U***	3.7	3.6	**3.3 U**	100	28	3.3 U	7.2
9846-SV6	65	4.5 U	***9.4 U***	4.5 U	4.4 U	**4.4 U**	51	15	4.4 U	8.6 U

TABLE 11

DETECTED VOC RESULTS FROM SOIL-GAS SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
ST. LOUIS, MISSOURI

Sample Identification	Dichlorodifluoro-methane (CFC 12)	Dichloromethane (Methylene Chloride)	1,4-Dioxane	d-Limonene	Ethanol	Ethyl Acetate	Ethylbenzene	4-Ethyltoluene	Hexane	2-Hexanone
	Residential Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	3,480	**3,380**	**19**	**NE**	**2,430**	**37**	**NE**	**24,300**	**1,040**	
	Commercial Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	14,600	**40,900**	**82**	**NE**	**NE**	**10,200**	**164**	**NE**	**102,000**	**4,380**
	MRBCA Soil-Gas RBTL, Residential, Soil Type 2 (Silty)									
	16,300,000	**5,890,000**	**136,000**	**NE**	**83,500,000**	**NE**	**88,200,000**	**NE**	**22,800,000**	**NE**
9844 West Florissant Avenue										
9844-SV1	8.3 U	8.3 U	8.3 U	8.3 U	85 U	17	8.3 U	8.5 U	15	16 U
9844-SV2	4.1 U	4.1 U	4.1 U	4.1 U	86	7.8 U	5.7	4.1 U	42	7.8 U
9844-SV3	7.9 U	7.9 U	7.9 U	15	80 U	15 U	**46**	21	23	15 U
9844-SV4	1.5	4.8	0.73 U	5	79	37	27	12	29	6.1
9844-SV5	2.2	0.8 U	0.8 U	3.4	26	1.5 U	18	9.8	3.9	1.5 U
9846 West Florissant Avenue										
9846-SV1	1.5	0.79 U	6.8	2	46	1.5 U	2.6	1.2	9.2	2.2
9846-SV2	1.5	0.81 U	0.81 U	1.1	18	1.6 U	2.3	1.2	6.4	1.6 U
9846-SV3	5.7	4.4 U	4.4 U	4.4 U	45 U	8.4 U	16	4.5 U	240	8.4 U
9846-SV4	0.83 U	0.83 U	0.83 U	0.83 U	8.4 U	1.6 U	0.83 U	0.84 U	3.1	1.6 U
9846-SV5	3.3 U	3.3 U	3.3 U	5	33 U	6.3 U	3.3 U	3.3 U	190	6.3 U
9846-SV6	4.4 U	4.4 U	4.4 U	4.4 U	45 U	8.6 U	4.4 U	4.5 U	93	8.6 U

TABLE 11

DETECTED VOC RESULTS FROM SOIL-GAS SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
ST. LOUIS, MISSOURI

Sample Identification	Methyl Methacrylate	4-Methyl-2-pentanone	Methyl tert-Butyl Ether	Naphthalene	n-Heptane	n-Nonane	n-Octane	2-Propanol (Isopropyl Alcohol)	n-Propylbenzene	Propene
	Residential Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	24,300	**NE**	**360**	**3**	**13,900**	**695**	**NE**	**6,950**	**34,800**	**104,000**
	Commercial Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	102,000	**NE**	**1,570**	**12**	**58,400**	**2,920**	**NE**	**29,200**	**146,000**	**438,000**
	MRBCA Soil-Gas RBTL, Residential, Soil Type 2 (Silty)									
	NE	**NE**	**13,400,000**	**138,000**	**NE**	**NE**	**NE**	**NE**	**12,200,000**	**NE**
9844 West Florissant Avenue										
9844-SV1	71	16 U	8.3 UJ	**8.3 U**	14	8.5 U	11	16 U	8.3 U	38
9844-SV2	7.8 U	7.8 U	4.1 UJ	**4.5**	33	15	21	7.8 U	4.1 U	180
9844-SV3	15 U	15 U	7.9 UJ	***21***	21	11	15	15 U	14	84
9844-SV4	1.4 U	2.9	0.73 UJ	**9.9**	27	14	17	5.5	6.8	49
9844-SV5	1.5 U	1.5 U	0.8 UJ	**8.2**	9.3	3.7	3.6	1.8	4.7	5.8
9846 West Florissant Avenue										
9846-SV1	1.8	1.5 U	0.79 UJ	**4.2**	8.5	3.3	7.6	3.9	1	53
9846-SV2	1.6 U	1.6 U	1.1 J-	2.4	4.2	1.7	3.1	2	0.85	40
9846-SV3	8.4 U	8.4 U	4.4 U	**6.4**	85	23	36	8.4 U	4.4 U	440
9846-SV4	1.6 U	1.6 U	0.83 UJ	0.83 U	1.1	0.84 U	0.83 U	1.6 U	0.83 U	6.2
9846-SV5	6.3 U	6.3 U	73	**3.7**	47	3.3 U	4.8	6.3 U	3.3 U	3.3 U
9846-SV6	8.6 U	8.6 U	48 J-	**4.4 U**	25	4.5 U	4.4 U	8.6 U	4.4 U	4.4 U

TABLE 11

DETECTED VOC RESULTS FROM SOIL-GAS SAMPLES
ADVANCED AUTO PARTS AND FORMER FASHIONS R BOUTIQUE
ST. LOUIS, MISSOURI

Sample Identification	Styrene	Tetrachloroethene	Tetrahydrofuran (THF)	Toluene	Trichloroethene	Trichlorofluoro-methane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Acetate	Total Xylenes
	Residential Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	34,800	**360**	**69,500**	**174,000**	**16**	**NE**	**2,090**	**2,090**	**6,950**	**3,480**
	Commercial Target Sub-Slab and Near-source Soil-Gas Concentration (TCR=1E-06 or THQ=1)									
	146,000	**1,570**	**292,000**	**730,000**	**100**	**NE**	**8,760**	**8,760**	**29,200**	**14,600**
	MRBCA Soil-Gas RBTL, Residential, Soil Type 2 (Silty)									
	91,700,000	**648,000**	**1,430,000**	**367,000,000**	**1,770,000**	**52,400,000**	**521,000**	**521,000**	**NE**	**NE**
9844 West Florissant Avenue										
9844-SV1	8.3 U	8.3 U	16 U	130	8.2 U	8.2 U	8.3 U	8.5 U	88 U	17
9844-SV2	4.1 U	4.1 U	7.8 U	48	4 U	4 U	7.7	4.1 U	43 U	21.5
9844-SV3	7.9 U	7.9 U	15 U	190	7.7 U	7.7 U	76	17	83 U	251
9844-SV4	3.1	0.73 U	1.4 U	110	0.72 U	1.1	45	9.6	10	149
9844-SV5	1	0.8 U	1.5 U	85	0.78 U	1.1	34	7.2	8.4 U	103
9846 West Florissant Avenue										
9846-SV1	1.4	0.91	1.5 U	34	0.78 U	1.1	4.6	1.1	8.4 U	10.1
9846-SV2	1.3	0.81 U	1.6 U	19	0.79 U	1.1	4.9	0.96	8.5 U	9.8
9846-SV3	11	4.4 U	36	96	11	75	12	4.5 U	46 U	42
9846-SV4	0.83 U	0.83 U	1.6 U	1.3	0.81 U	1.1	0.83 U	0.84 U	8.7 U	1.6 U
9846-SV5	3.3 U	3.3 U	6.3 U	28	3.2 U	3.2 U	5.8	3.3 U	35 U	13.1
9846-SV6	4.4 U	4.4 U	8.6 U	13	4.4 U	4.4 U	4.4 U	4.5 U	47 U	8.6 U

Notes:

All values are in micrograms per cubic meter.
Bold font indicates concentration exceeds the EPA residential VISL.
Italic font indicates the concentration exceeds the commercial VISL.

EPA	U.S. Environmental Protection Agency
J	Estimated value (+ indicates biased high; - indicates biased low)
MRBCA	Missouri Risk-based Corrective Action
NE	Not established
RSL	Regional Screening Level
RBTL	Risk-based Target Level
SV	Soil Vapor
TCR	Total cancer risk
THQ	Total hazard quotient
U	Not detected
VISL	Vapor Intrusion Screening Level

4.5 QUALITY CONTROL SAMPLES

Five water trip blanks (three associated with 9844 West Florissant Avenue groundwater samples and two associated with 9846 West Florissant Avenue groundwater samples) were included in the Phase II ESA to determine whether contamination had been introduced during transportation of containers and samples. The three trip blanks associated with the groundwater samples at 9844 West Florissant Avenue yielded detections of acetone and bromoform concentrations above the method detection limits (MDL). The two trip blanks associated with the other address yielded detections of bromoform and dibromochloromethane concentrations above the MDLs. Detected results for these analytes were qualified as estimated because of trip blank contamination; however, no VOC concentration detected at either address exceeded any applied screening level.

Two soil trip blanks (one associated with each address) were included also. Both trip blanks were found to contain acetone concentrations above the MDL. As such, detected results from the soil samples were qualified as estimated.

In the field blank associated with 9844 West Florissant Avenue (9844-FB), concentrations of TPH-DRO, TPH-ORO, 2-butanone, and bromoform exceeded the MDLs. The rinse blank sample, 9844-RN, yielded detections of dissolved chromium, TPH-DRO, TPH-ORO, 2-butanone, bromoform, and dibromochloromethane at concentrations above the MDLs. Detected results for the listed analytes from groundwater samples were qualified as estimated because of those detections in the blanks.

In the field blank associated with 9846 West Florissant Avenue (9846-FB), concentrations of TPH-DRO, TPH-ORO, and bromoform exceeded the MDLs. The rinse blank sample, 9846-RN, yielded detections of TPH-DRO, TPH-ORO, and 2-butanone at concentrations above the MDLs. Detected results for the listed analytes from groundwater samples were qualified as estimated as a result.

The RPD between results for TPH-GRO from the field duplicate sample pair 9844-B2 (8-10) and 9844-B2 (8-10) DUP exceeded the acceptance limit. Respective differences between results from that sample pair for acetone, cyclohexane, isopropylbenzene, and methylcyclohexane exceeded the associated reporting limits (RL); therefore, results for these analytes from both samples were qualified as estimated (flagged J/UJ).

The difference between results for pentachlorophenol from the field duplicate sample pair 9846-B4 (27-29) and 9846-B4 (27-29) DUP exceeded the associated RL. Due to low surrogate percent recoveries in both samples, these results were previously qualified as estimated, possibly biased low (flagged J-/UJ). Additional qualification was not necessary.

5.0 DISCUSSION OF SIGNIFICANT FINDINGS AND CONCLUSIONS

This section summarizes significant findings and offers conclusions regarding Phase II ESA field activities. A property profile form pertaining to the subject property is in Appendix F.

5.1 GPR SURVEY

Several utility lines were found and marked by the Toeroek Team subcontractor, GPRS. The nature of some of the underground lines identified during the survey was not discernable. GPR equipment identifies anomalies below the ground surface which could include building foundations, building debris, piping, tanks or any other object buried beneath the ground. A copy of the GPR survey report is in Appendix E.

5.2 SUBSURFACE SOIL

Arsenic was detected in subsurface soil at concentrations above EPA RSLs for residential and industrial soil, as well as the Missouri LDTL. Lead was detected in subsurface soil at concentrations above the Missouri LDTL and residential RBTL for subsurface soil. Pentachlorophenol was detected in subsurface soil at concentrations above the Missouri LDTL. TPH-GRO was detected in subsurface soil samples collected at 9844 West Florissant Avenue at levels exceeding the EPA residential and industrial RSLs. In one sample, 9844-B5 (12-14), TPH-GRO concentration exceeded the MRBCA LDTL. No analyte concentration detected in any subsurface soil sample from either address exceeded a residential RBTL.

5.3 GROUNDWATER

In samples collected at 9844 West Florissant Avenue, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding EPA RSLs (or MCL in the case of benzo[a]pyrene), MRBCA LDTLs, and both residential and non-residential RBTLs.

Concentrations of arsenic, barium, cadmium, chromium, lead, and silver in unfiltered groundwater samples collected at 9844 West Florissant Avenue exceeded the LDTLs, RBTLs, or EPA MCLs. However, no dissolved arsenic concentration exceeded the MRBCA RBTL. Assumedly, the detected concentrations of total metals derived from suspended sediment rather than groundwater.

5.4 SOIL-GAS

VOCs were detected in all soil-gas samples from both addresses except in the sample collected at 9844-SV6 at 9844 West Florissant Avenue. No detected result exceeded an MRBCA residential RBTL.

Acrolein was detected at 9844-SV4 at 9844 West Florissant Avenue and at 9846-SV1 and -SV2 at 9846 West Florissant Avenue at levels exceeding EPA residential and commercial VISLs. Benzene was detected at concentrations exceeding the residential VISL at 9844-SV3, and residential and commercial VISLs at 9846-SV3. Detected concentrations of 1,3-butadiene at both addresses exceeded the residential and commercial VISLs. All samples from 9844 West Florissant Avenue yielded concentrations of naphthalene exceeding the residential VISL. The naphthalene result at 9844-SV3 at the same address exceeded both the residential and commercial VISLs. Detected results for naphthalene at 9846 West Florissant Avenue exceeded the residential VISL.

5.5 EVALUATION OF PREVIOUSLY IDENTIFIED RECS

This section discusses and evaluates the previously identified RECs reported in the June 2017 Phase I ESA report regarding 9844 West Florissant Avenue (Terracon 2017). No RECs were identified during the 2019 Phase I ESA of the adjoining property at 9846 West Florissant Avenue (SCS 2019). Based on results of soil, groundwater, and soil-gas sampling, the subject property appears to have been impacted by historical industrial activities associated with an auto service and machine shop at the subject property.

5.6 CONCEPTUAL SITE MODEL

The following sections describe elements of the conceptual site model.

5.6.1 Chemical Release Scenario and Spatial Distribution

Sampling results during this Phase II ESA indicated presence of VOCs, SVOCs, TPHs, and metals in soil and groundwater at the subject property.

Highest concentrations of SVOCs in groundwater and of TPH in soil were detected in samples collected at 9844 West Florissant Avenue. Sampling results from soil and groundwater were compared to EPA RSLs (soil) under residential and industrial scenarios, EPA tapwater RSLs or MCLs (groundwater), and MRBCA LDTLs and MRBCA Tier I RBTLs for residential and non-residential soil in Type 3 (clayey) soils. VOC results from soil-gas samples were compared to EPA VISLs using a target hazard quotient of 0.1 (EPA 2021), and to Tier 1 RBTLs for Type 3 (clayey) residential soil vapor. These comparisons indicated elevated concentrations of petroleum constituents likely associated with historical operations. Some of these detections exceeded residential EPA RSLs, EPA MCLs, and Missouri RBTLs—indicating likelihood of a release.

5.6.2 Current and Future Land Use and Groundwater Use

The subject property consists of two adjoining vacant lots at 9844 and 9846 West Florissant Avenue in Dellwood, St. Louis County, Missouri. The 9844 West Florissant Avenue property is an approximately 0.55-acre , partially paved vacant lot hosting no structures. The foundation of a former building is present at the property. The 9846 West Florissant Avenue property is an approximately 0.75-acre, mostly paved vacant lot hosting no structures.. Figure 2 in Appendix A illustrates the approximate footprint of the former buildings and the subject property boundaries.

Currently, groundwater is not used for drinking water at the subject property. The City of Dellwood derives its drinking water from a private utility supplier, Missouri American Water (Missouri American Water 2020).

The current owner of the subject property, Urban League of St. Louis, is interested in developing the property with a commercial building (Urban League Plaza) contingent on findings from the Phase II ESA.

5.6.3 Land and Groundwater Use Restrictions

No known land or groundwater use restrictions exist.

5.6.4 Physical Conditions

A discussion of physical conditions is in Section 2.2 of this report.

5.6.5 Remedial Activities at the Subject Property

No known remedial activities have occurred at the subject property.

5.6.6 Exposure Model

Groundwater Migration Pathway and Targets

The subject property is located in the northwestern suburbs of the City of St. Louis, surrounded by residential and commercial businesses. The City of Dellwood currently derives its drinking water from a private utility supplier, Missouri American Water (Missouri American Water 2020). As described above, groundwater use as a potable water supply within the city limits of Dellwood neither occurs now nor is expected in the future. Because the City of St. Louis serves the groundwater domestic use pathway, the

likelihood is low of ingestion of or dermal exposure to contaminants present in groundwater at the subject property.

Surface Water Migration Pathway and Targets

The hydrologic gradient at the subject property is not known but may be inferred to be consistent with the topographic gradient, which extends primarily to the south toward a tributary of Maline Creek approximately 450 feet to the south of the subject property. Threatened or endangered species known or likely to occur in St. Louis City, Missouri, include the Indiana bat, the northern long-eared bat, and the grey bat. There are no critical habitats listed on the subject property (U.S. Fish and Wildlife Service [USFWS] 2021). Presence of these species at the subject property area has not been verified, and the property has not been the subject of a habitat assessment.

The subject property does not contain any surface water features. Storm water flows to the city storm water sewer system; the likelihood of exposure to storm water is low.

Soil Exposure and Air Migration Pathways and Targets

Soils at the subject property have been classified as urban land, harvester complex with 9 to 20 percent slopes. This soil type is found in hillslopes and interfluves, is moderately well drained, and consists of silt loam (to a depth of 7 inches), silty clay loam (from 7 to 31 inches deep), and clay loam (from 31 to 80 inches deep) (USDA 2021). The subject property is paved with asphalt except for the former building footprints which have a thin layer of fill soil; no surface soil samples were planned or collected. Based on the extent of pavement at the subject property, the likelihood of direct exposure to soil or air contamination is low.

Subsurface Vapor Intrusion Migration Pathway and Targets

The subject property currently hosts no structures and includes partially paved vacant lots. Foundations of the former buildings are present at the subject property. Historical documentation (the Historical Auto Service database) indicates previous operation of Dellwood Automotive at the 9844 West Florissant Avenue address from approximately 1986 to 1989. The facility was listed as a gasoline service station and motor vehicle supplies and parts store. A clothing boutique (Fashions R Boutique) operated at the building on-site from 2006 to 2011. This building burned down in 2014 (Terracon 2017). Historical documentation regarding the other address, 9846 West Florissant Avenue, indicates operation of Advanced Auto Parts store from about 2000 to 2014, when the building was demolished (SCS 2019). The current owner of the subject property, Urban League of St. Louis, has shown interest in developing the property with a commercial building (Urban League Plaza) contingent on findings from the Phase II ESA.

Soil-gas samples were collected from 12 locations (co-located with the 12 soil borings), the results are discussed in Section 4.3 above.

VOCs were detected in all soil-gas samples collected at both addresses except in the sample with very high detection limits collected at 9844-SV6 at 9844 West Florissant Avenue. No detected result exceeded an MRBCA residential RBTL.

5.7 AFFECTED MEDIA

Sampling results during this Phase II ESA indicated presence of VOCs, SVOCs, TPHs, and metals in soil and groundwater, and VOCs in soil-gas at the subject property.

Highest concentrations of SVOCs in groundwater and of TPH in soil were detected in samples collected at 9844 West Florissant Avenue. Results from soil and groundwater samples were compared to EPA RSLs (soil) under residential and industrial scenarios, EPA Tapwater RSLs or MCLs (groundwater), and MRBCA LDTLs and MRBCA Tier I RBTLs for residential and non-residential soil in Type 3 (clayey) soils. VOC results from soil-gas samples were compared to EPA VISLs using a target hazard quotient of 0.1 (EPA 2021), and to Tier 1 RBTLs for Type 3 (clayey) residential soil vapor. These comparisons indicated elevated concentrations of petroleum constituents likely associated with historical operations. Some of these detections exceeded residential EPA RSLs, EPA MCLs, and Missouri RBTLs—indicating the likelihood of a release.

Petroleum constituents found in soil and groundwater at the site could pose an unacceptable risk to residential and non-residential receptors at the subject property. If future use of the subject property includes residential or non-residential land use, human exposure risks could be mitigated by removal of existing surface soil and replacement with clean fill prior to grading work, and by prevention of excavation into subsurface soils. The Toeroek Team recommends development of a risk management plan specifying ways to prevent transport of these contaminants through the environment, following final determination of future use of the subject property.

The current owner of the subject property, Urban League of St. Louis, has shown an interest in developing the property with a commercial building (Urban League Plaza) contingent on findings from the Phase II ESA. Based on analytical results from subsurface soil and groundwater samples, further investigation and/or remediation appears warranted. If the soil is to be disturbed during redevelopment, a soil management plan may be necessary to protect construction or utility workers. Isolated areas where concentrations of contaminants exceed residential RSLs or RBTLs may require additional excavation or

capping. An Analysis of Brownfields Cleanup Alternatives (ABCA), to be submitted under separate cover as directed by EPA, will present alternatives for remediating affected media at the subject property.

6.0 REFERENCES

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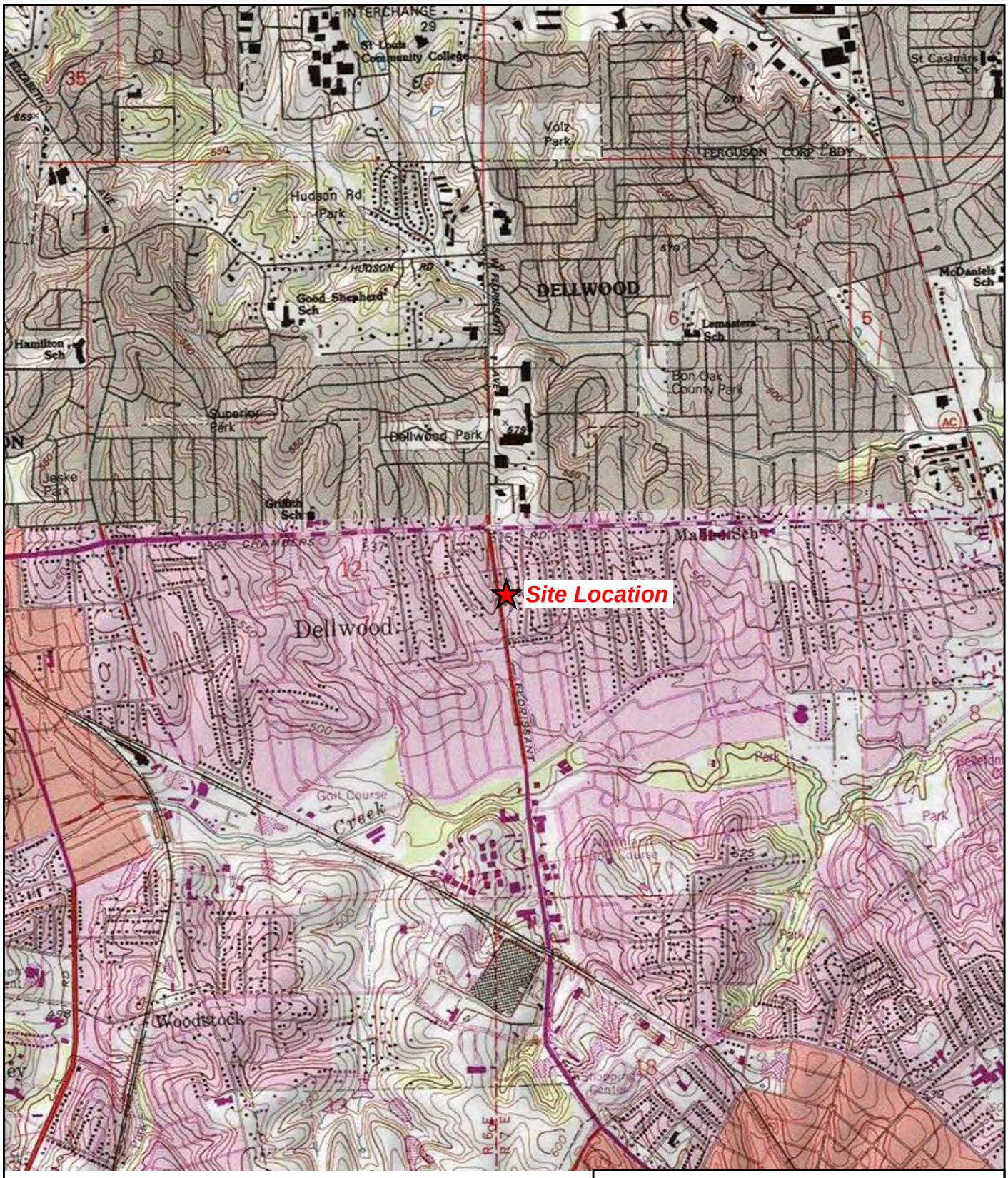
APPENDIX A

FIGURES



N

0 1,000 2,000

Feet

Source: USGS Clayton, MO 7.5 Minute Topo Quad, 1975;
USGS Florissant, MO 7.5 Minute Topo Quad, 1982

Advanced Auto Parts and Former Fashions R Boutique
9844 and 9846 West Florissant Avenue
St. Louis, Missouri 63136

Figure 1

Site Location Map

TETRA TECH

Date: 2/2/2021 Drawn By: Nick Wiederholt Project No: 103G65210190.06.03

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Legend

- 2018 Phase II ESA sample location
- Soil/groundwater/soil-gas sample location
- Soil/soil-gas sample location
- Storm catch basin
- Storm manhole
- Electrical box
- Electrical sign
- Irrigation control valve
- Sanitary cleanout
- Electrical line
- Water meter
- Water valve
- Electrical site light
- Storm line
- Unknown line
- Water line
- Irrigation
- Sanitary sewer
- Approximate subject property boundary
- Former pump island
- Former site building footprint
- Former tank pit area

DPT Direct push technology
ESA Environmental Site Assessment

N

0 40 80

Feet

Source: Esri, ArcGIS Online, Bing Maps Aerial; Terracon, Phase I Environmental Site Assessment, Fashions R Boutique, Site Diagram, 2017

X:\P\65210\190109\Projects\mxd\Updated_07012015\Figure2.mxd

Advanced Auto Parts and Former Fashions R Boutique
9844 and 9846 West Florissant Avenue
St. Louis, Missouri 63136

Figure 2
Sample Location Map

TETRA TECH

Date: 8/17/2021 Drawn By: Nick Wiederholt Project No: 103G65210190.06.03

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

Phase II Environmental Site Assessment
Site 6 - Advanced Auto Parts and Former Fashions R Boutique – Dellwood, St. Louis County, Missouri

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows the former Fashions R Boutique property at 9844 West Florissant Avenue.	1
	CLIENT	U.S. Environmental Protection Agency (EPA)	Date
Direction: Northeast	PHOTOGRAPHER	Z. Usher	6/1/2021

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows the former Advanced Auto Parts property at 9846 West Florissant Avenue.	2
	CLIENT	EPA	Date
Direction: East	PHOTOGRAPHER	Z. Usher	6/1/2021

Phase II Targeted Brownfields Assessment
Advanced Auto Parts and Former Fashions R Boutique – St. Louis, Missouri

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows Geoprobe operators from Environmental Works, Inc. (EWI) setting up to begin drilling at 9844-B1.	3
	CLIENT	EPA	Date
Direction: Southwest	PHOTOGRAPHER	Z. Usher	6/2/2021

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows setup of a canister for soil vapor sampling at 9844-SV1.	4
	CLIENT	EPA	Date
Direction: NA	PHOTOGRAPHER	Z. Usher	6/2/2021

Phase II Targeted Brownfields Assessment
Advanced Auto Parts and Former Fashions R Boutique – St. Louis, Missouri

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows soil recovery at 9844-B2 from 8 to 10 feet below ground surface (bgs).	5
	CLIENT	EPA	Date
Direction: NA	PHOTOGRAPHER	Z. Usher	6/2/2021

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows Geoprobe operators drilling at 9844-B6.	6
	CLIENT	EPA	Date
Direction: North	PHOTOGRAPHER	Z. Usher	6/2/2021

Phase II Targeted Brownfields Assessment
Advanced Auto Parts and Former Fashions R Boutique – St. Louis, Missouri

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows soil recovery at 9844-B6 from 8 to 10 feet bgs.	7
	CLIENT	EPA	Date
Direction: NA	PHOTOGRAPHER	Z. Usher	6/2/2021

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows an EWI crew member installing the 1-inch polyvinyl chloride (PVC) casing in 9846-B3 for groundwater sampling.	8
	CLIENT	EPA	Date
Direction: Northeast	PHOTOGRAPHER	Z. Usher	6/3/2021

Phase II Targeted Brownfields Assessment
Advanced Auto Parts and Former Fashions R Boutique – St. Louis, Missouri

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows soil recovery at 9846-B5 from 0 to 5 feet bgs.	9
	CLIENT	EPA	Date
Direction: North	PHOTOGRAPHER	Z. Usher	6/3/2021

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows collection of a soil vapor sample at 9846-SV6.	10
	CLIENT	EPA	Date
Direction: South	PHOTOGRAPHER	Z. Usher	6/3/2021

Phase II Targeted Brownfields Assessment
Advanced Auto Parts and Former Fashions R Boutique – St. Louis, Missouri

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows EWI crew members removing the PVC casing and plugging the hole at 9846-B5.	11
	CLIENT	EPA	Date
Direction: South	PHOTOGRAPHER	Z. Usher	6/3/2021

SUBTASK NO. 06.03	DESCRIPTION	This photograph shows the boring at 9846-B6 filled with bentonite before placement of asphalt patch.	12
	CLIENT	EPA	Date
Direction: Southwest	PHOTOGRAPHER	Z. Usher	6/4/2021

APPENDIX C

LOGBOOK AND SOIL BORING LOGS

|21

Leave KC TT office
Arrived onsite to meet w/ GPRS.
GPR cleared both sites and
found no obvious anomalies
Utility locates will be cleared
tomorrow morning by 0800.
TM Usher left site to meet w/
MR. D over @ Cyclone Bldg. TM
Niemack
TM Niemack offsite

6/2/21

0800 Arrive onsite @ 9844 W. Florissant
Checked site & MO one call for utility
locate status.
Status = Cleared
0820 EWI onsite, went over SOW,
started unloading equip.
0900 Started drilling on B-1
0935 Sample collected 9844-B1(24-26)
Sample 9844 SV-1
6L canister can ID: SC 02235
Regulator ID: scratched / N/A
start time: 1007
Start pressure -25
End time: -6
end pressure: 1004
1000 started drilling on B-2
1030 sample collected 9844-B2(8-10)
9844-B2(8-10) Dup.
odor observed @ 8-10, PID ≈ 100ppm
1045 Sample 9844-SV2
can ID: SC 00515
Start time: 1048
end time: 1050
Regulator ID: can't tell/scratched
start pressure: -23
end pressure: -6
1050 drilling started on B-3
1112 sample collected 9844-B3(24-26)

Rite in the Rain.

Sample collected 9844-SV3
Can ID: [redacted] Start: 1130
SC #20305 end: 1133
ID: Undecipherable Start PSI: -28
end PSI: -5
started drilling on B4
sample collected 9844-B4-(8-10)
sample collected 9844-SV4
Can ID: [redacted] start 1200
SC #0652 end 1202
ID: indecipherable start PSI -24
end PSI -5
started drilling 9844-B5
odor observed @ 12-14' PID ≈ 120 ppm
Sample collected 9844-B5 (12-14)
9844-SV5
can id: SC02205 start: -20
end: -5
start PSI: 1243
end PSI: 1243
started drilling 9844-B6
Sample collected 9844-B6(8-10)
9844-SV6
can id: SC02314 start time: 1319
end time: 1320
start PSI: -22
end PSI: -6
water encountered
Bottle for the day

0/3/21

0830 EWI & Tetra Tech onsite to begin drilling activities.
0850 Checking water levels from 9844 W. Hornbeam
9844-B1 = 11.3'
9844-B2 = Dry
9844-B3 = 7.18'
9844-B4 = 7.40'
9844-B5 = 9.05'
9844-B6 = 26.88'
0915 Drilling started on 9846-B1
0935 sample collected 9846-B1(24-26)
9846-SV1
can id: SC01745
regulator: N/A
start: 1004 start: -29
end: 1005 end: -6
0950 started drilling 9846-B2
1015 sample collected 9846-B2(28-30)
9846-SV2
can id: SC02089
regulator: N/A
start 1023 start: -27
end 1025 end: -6
1020 started drilling 9846-B3
1040 sample collected 9846-B3(28-30)

Rite in the Rain

9846-SV3
Canister ID: SC01757
Reg ID: N/A
start 1054 start: 18
end 1055 end: -5
started drilling 9846-B4
one EWI driller left site
to go to other site temporarily
sample collected 9846-B4(27-29)
9846-B4(27-29)Dup.
9846-SV4
can id: SC00905
regulator: N/A
start: 1131 start: -27
end: 1133 end: -6
Lunch
EWI driller came back
Maude (of the Applicant)
arrived to see progress
Attempted to grab GW sample from
9844-B1
Purged well dry - limited GW supply
began drilling 9846-B5
sample collected 9846-B5(28-30)
9846-SV5
CanID: SC01476 Reg ID: N/A
start 1358 start +22
end 1354 end -5

6/3/21
1330 Drilling began on 9846-B6
1355 sample collected 9846-B6(21-23)
9846-SV6
can id: SC02283
regulator: N/A
start: 1406 start: -25
end: 1408 end: -6
1400 Started to sample GW from
9844 (North) lot
B1 - 1410 FB - 1420
B3 - 1445 ICN - 1335
B4 - 1500
B5 1520
B6 - 1545 ~1 vent 1L 4 VOCs
* B2 remained dry
1600 Pack up/Prepare COCs &
drive to FedEx to ship soil &
air samples
1700 EOD

Rite in the Rain

Arrived onsite to continue GW sampling.

Water levels prior to sampling:

B1	8.78	B2	8.54
B3	9.79	B4	9.52
B5	Dry	B6	Dry

Began sampling B1
- Purged dry

sample taken 9846-B1.
- able to fill 3½ 1-Liter Amber and 4 VOA 40-mL Clear

Began sampling B2
sample taken 9846-B2
- well purged dry
- able to fill 2 1-Liter Amber
  4 40mL Clear

Began sampling B3
sample taken 9846-B3
- well purged dry
- able to fill ⅓ of 1-Liter Amber
  4 40mL Clear

Began sampling B4
sample taken 9846-B4

well purged dry
able to fill 1 1-Liter Amber
4 40mL Clear

B5 dry
B6 dry

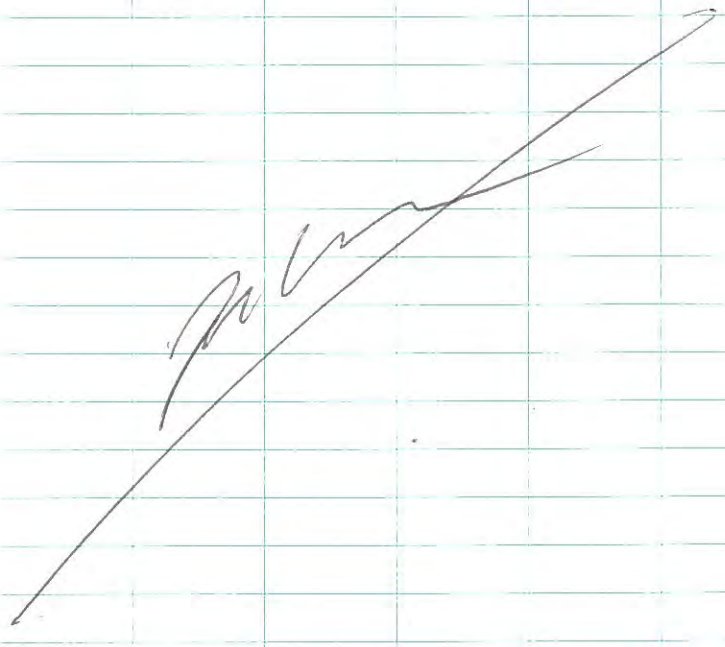
1100 sample taken 9846-FB
field blank
taken concurrently w/ 9846-B4

1120 sample taken 9846-RN
rinsate

1145 Began packing up coolers/cars and prepping COCs

1300 Travel back to TT KC.

1700 EOD



Project: Ada Auto / Former Fashion R

Site Name: 9844 W. Florissant
Location: St Louis, MO
Tt Staff: Zach Usher

Boring Number: B-1

Date: 6/2/21
Start: 0900
Finish: _____

Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
		3/5	0-2	6-8" Asphalt/Gravel Grey Lean Clay (CL)	
			2-4	↓	
		4/5	4-6	5' - becomes Brown Lean Clay (CL)	
			6-8	↓	
		3/5	8-10	↓	
			10-12	Brown Sandy Lean Clay (CL)	
			12-14	↓	
		5/5	14-16	↓	
			16-18	↓	
			18-20	↓	
		5/5	20-22	↓	
			22-24	22' - Brown Fat Clay (CH)	No groundwater encountered during drilling
⊕			24-26	25' - weathered rocky Refusal @ 26.5'	B-1 (24-26) 2.0 ppm

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: _____
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project: Ada Auto / Fashion R

Site Name: 9844 W Florissant
Location: St Louis
Tt Staff: Zach Usher

Boring Number: B-2

Date: 6/2/21
Start: 1000
Finish: 1030

Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
		3	0-2	0-8' Gravel/Asphalt + Lean Clay Brown (CL)	
		5	2-4		
			4-6		
		3	6-8		
✱		5	8-10	9' - Grey w/ odor - 1' section Grey Lean Clay	100ppm ~~410ppm~~ Sample 9844-B2 (8-10) & Duplicate
		5	10-12		
			12-14		
		5	14-16		
		5	16-18		
		5	18-20		
		5	20-22		
			22-24	Brown, Grey Fat Clay (CH)	
		5	24-26	becomes hard Refusal @ 26'	on shale

Refusal @ 26'

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:	Boring Number: B-3	Date: 6/2/21
Site Name: 9844 W. Florissant Location: St Louis, MO Tt Staff: Zach Usher		Start: 1050 Finish: _____

Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
		4/5	0-2	6" Gravel Asphalt / Lean Clay Brown (CL)	
			2-4		
		5/5	4-6		
			6-8	Becomes Grey	no odor
			8-10	Grey Lean Clay (CL)	
		3/5	10-12		
			12-14		
			14-16	Brown Lean Clay (CL)	
		5/5	16-18		
			18-20		
			20-22	Brown Fat Clay (CH)	
		5/5	22-24	24' becomes weathered	
☆			24-26		☆Sample 9844-B3(24-26)

Refusal @ 26'

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:	Boring Number: B-4	Date: 6/2/25
Site Name: 9844 W. Florissant Location: St Louis, MO Tt Staff: Zach Usher		Start: 1125 Finish:

Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
		2/5	0-2	6" Asphalt, gravel Brown/Grey Lean Clay (CL)	
			2-4	↓	
		3/5	4-6		
			6-8		
D2			8-10	Grey Lean Clay odor observed	*PID = 38 ppm
		5/5	10-12	↓	
			12-14	Brown Lean Clay (CL)	
		5/5	14-16	↓	
			16-18		
			18-20		
		5/5	20-22	Brown Fat Clay (CH)	
			22-24	↓	
			24-26		

refusal @ 26.5'

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:				Boring Number: B-5	Date: 6/2/21 Start: 1214 Finish: _____
Site Name: 9844 W. Florissant Location: St Louis, MO Tt Staff: Zach Usher					
Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
	3/5		0-2	6" Gravel, Lean Clay (CL) Brown	
			2-4		
			4-6		
	1/5		6-8		
			8-10	soft Lean Clay (CL) Brown	
			10-12		
	4/5		12-14	strong odor Grey Lean Clay (CL)	* PID = 120 ppm
			14-16	↓	
			16-18	Brown Lean Clay (CL)	
	4/5		18-20		
			20-22		
	5/5		22-24		
			24-26	Brown Fat Clay (CH)	
	4/5		26-28	↓	
				refusal @ 28'	

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: _____
Rig: _____
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:				Boring Number: B6	Date: 6/2/21 Start: 1245 Finish:
Site Name: 9844 W. Florissant Location: St Louis, MO Tt Staff: Zach Usher					
Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
		4/5	0-2	6" Grass topsoil / Lean clay Brown (CL)	
		4/5	2-4		
		3/5	4-6		
		3/5	6-8		
*			8-10	odor observed Gray Lean Clay (CL)	* PID = 4.0 ppm Sample 9844-B6(8-10)
		4/5	10-12	Brown Lean Clay (CL)	
		4/5	12-14		
		3/5	14-16		
		3/5	16-18		
		5/5	18-20		
		5/5	20-22		
		5/5	22-24		
		5/5	24-26	Fat Clay Brown (CH)	
		5/5	26-28	becomes weathered (Shale)	
				refusal @ 28'	

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:				Boring Number: B1	Date: 6/3/21 Start: 0915 Finish:
Site Name: 9846 W. Florissant Location: St. Louis, Mo Tt Staff: Zach Usher					
Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
	5/5		0-2	8" Gravel Lean Clay Brown (CL)	
			2-4		
			4-6	Sandy Lean Clay (CL)	
	5/5		6-8		
			8-10		
	5/5		10-12	Lean Clay Brown (CL)	
			12-14		
	5/5		14-16		
			16-18		
	5/5		18-20		
			20-22		
	5/5		22-24		
*			24-26	PID = 0 ppm	* Sample collected 9846-B1 (24-26)
				Refusal @ 25.5'	
				no water encountered	

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Cat
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:				Boring Number: B2	Date: 6/3/21 Start: 0950 Finish: _____
Site Name: 9846 W. Florissant Location: St. Louis, MO Tt Staff: Zach Usher					
Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
	3/5		0-2	1' Topsoil, Dark Brown Lean clay (CL)	
			2-4		
	3/5		4-6		
			6-8		
	3/5		8-10		
			10-12		
	4/5		12-14		
			14-16		
	4/5		16-18		
			18-20		
	4/5		20-22		
			22-24	Brown Lean Clay (CL)	
	5/5		24-26		
			26-28	Brown Fat clay (CH)	
	1.5		28-30		sample 9846-B2(28-30) PID=0.
				terminated @ 30'	

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:	**Boring Number:** B3	Date: 6/3/21 Start: 1020 Finish: ________
Site Name: 9846 W. Florissant **Location:** St Louis, MO **Tt Staff:** Zach Usher		

Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
		3/5	0-2	Topsoil Dark Brown Lean Clay (CL)	
			2-4		
			4-6	6" Gravel Layer.	
		4/5	6-8	Dark Brown Lean Clay (CL)	
			8-10		
			10-12		
		3/3	12-14		
			14-16		
		5/5	16-18		
			18-20		
		5/5	20-22	Brownish Gray Lean clay (CL)	
			22-24		
			24-26		
		5/5	26-28		
☆			28-30	Brown Fat Clay (CH) 1'	☆ Sample 9846-B3(28-30) PID=0

Terminated @ 30'

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:		Boring Number: B4	Date: 6/3/21
Site Name: 9846 W. Florrissant Location: St. Louis, MO Tt Staff: Zach Usher			Start: _____ Finish: _____

Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
	4/5		0-2	Dark Brown Top Soil / Lean Clay	
			2-4		
	4/5		4-6	Grey Lean Clay (CL)	
			6-8		
	4/5		8-10		
			10-12		
	3/5		12-14		
			14-16	Brown Lean clay (CL)	
	5/5		16-18		
			18-20		
	5/5		20-22		
			22-24		
			24-26		
	4/5		26-28	Fat Clay Brown (CH)	*Sample 9846-B4(27-29) & Duplicate
			28-29		

Refusal @ 29'

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: _____
Rig: _____
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:				Boring Number: B5	Date: 6/3/25 Start: 1244 Finish: _____
Site Name: 9846 W. Florissant Location: St Louis, MO Tt Staff: Zach Usher					
Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
			0-2	6" Gravel / Grey Lean Clay (CL)	
	3/5		2-4		
	3/5		4-6		
	4/5		6-8		
	5/5		8-10		
			10-12		
	5/5		12-14	Brown Lean Clay (CL)	
			14-16		
	5/5		16-18		
	5/5		18-20		
			20-22		
	5/5		22-24		
	5/5		24-26		
	5/5		26-28	Brown Fat Clay (CH)	
	5/5		28-30		Sample 9846-B5 (28-30)
				Terminated @ 30'	

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

Project:				Boring Number: B6	Date: 6/3/21 Start: 1330 Finish: _____
Site Name: 9846 W. Florissant Location: St. Louis, MO Tt Staff: Zach Usher					
Sample Number	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Remarks
	3/5		0-2	Gravel & Grey Lean clay	
			2-4	↓	
			4-6		
	5/5		6-8	Brown Lean clay (CL)	
			8-10		
			10-12		
	5/5		12-14		
			14-16		
	5/5		16-18		
			18-20		
			20-22		
	3/5		22-24	Becomes weathered	1355 sample 9846-B6(21-23)
			~~24-26~~		
				refusal @ 23'	

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Bore sleeves: 5'
Rig: Geoprobe
Driller/Co: Environmental Works, Inc.

TETRA TECH

Note: Boring backfilled unless otherwise noted.

APPENDIX D

ANALYTICAL DATA PACKAGES AND DATA VALIDATION REPORTS

17-Jun-2021

Kaitlyn Mitchell
Tetra Tech
415 Oak Street
Kansas City, MO 64106

Re: **Advance Auto Parts (103G65210190.06.03)** Work Order: **21060422**

Dear Kaitlyn,

ALS Environmental received 8 samples on 03-Jun-2021 09:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 67.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Ehrland Bosworth

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS Group, USA

Date: 17-Jun-21

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Work Order: **21060422**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21060422-01	9844-B1 (24-26)	Soil		6/2/2021 09:35	6/3/2021 09:30	☐
21060422-02	9844-B2 (8-10)	Soil		6/2/2021 10:30	6/3/2021 09:30	☐
21060422-03	9844-B3 (24-26)	Soil		6/2/2021 11:12	6/3/2021 09:30	☐
21060422-04	9844-B4 (8-10)	Soil		6/2/2021 11:50	6/3/2021 09:30	☐
21060422-05	9844-B5 (12-14)	Soil		6/2/2021 12:30	6/3/2021 09:30	☐
21060422-06	9844-B6 (8-10)	Soil		6/2/2021 13:05	6/3/2021 09:30	☐
21060422-07	Trip Blank	Soil		6/2/2021	6/3/2021 09:30	☐
21060422-08	9844-B2 (8-10) DUP	Soil		6/2/2021 10:30	6/3/2021 09:30	☐

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
WorkOrder: **21060422**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
% of sample	Percent of Sample
µg/Kg	Micrograms per Kilogram
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

Client:	Tetra Tech
Project:	Advance Auto Parts (103G65210190.06.03)
Work Order:	21060422

Case Narrative

Samples for the above noted Work Order were received on 06/03/2021. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:
Batch R319777a, Method SW8260C, Sample Trip Blank (21060422-07A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9844-B1 (24-26) (21060422-01A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9844-B3 (24-26) (21060422-03A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9844-B6 (8-10) (21060422-06A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch 178227, Method SW8260GRO, Sample 9844-B5 (12-14) (21060422-05A): Surrogate high due to matrix interference.

Batch 178227, Method SW8260C, Sample LCS-178227: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: Chloroethane

Batch R319777a, Method SW8260C, Sample 8V-LCSS1-210615: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: 2-Hexanone

No other deviations or anomalies were noted.

Extractable Organics:
Batch 178302, Method SW8270, Sample DBLKS1-178302: T The concentration in the Method Blank was greater than the quantitation limit. Positive results in the batch may be biased high for this analyte: ORO (C21-C35) (All positive results below reporting limit and 'J' flagged as estimated concentrations between MDL and RL)

No other deviations or anomalies were noted.

Metals:
No deviations or anomalies were noted.

Wet Chemistry:
No deviations or anomalies were noted.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1 (24-26)
Collection Date: 6/2/2021 09:35 AM

Work Order: 21060422
Lab ID: 21060422-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/10/21		Analyst: **MTW**
Mercury	**0.029**		**0.013**	**0.020**	**mg/Kg-dry**	1	6/10/2021 12:38
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/10/21		Analyst: **ABL**
Arsenic	**16**		**0.12**	**0.44**	**mg/Kg-dry**	1	6/10/2021 21:35
Barium	**130**		**0.55**	**0.89**	**mg/Kg-dry**	1	6/10/2021 21:35
Cadmium	U		0.14	0.89	mg/Kg-dry	1	6/10/2021 21:35
Chromium	**9.5**		**0.27**	**0.44**	**mg/Kg-dry**	1	6/10/2021 21:35
Lead	**4.0**		**0.35**	**0.44**	**mg/Kg-dry**	1	6/10/2021 21:35
Selenium	**0.35**	J	**0.25**	**0.89**	**mg/Kg-dry**	1	6/10/2021 21:35
Silver	**0.55**		**0.21**	**0.44**	**mg/Kg-dry**	1	6/10/2021 21:35
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**10**	J	**1.7**	**22**	**mg/Kg-dry**	1	6/15/2021 04:35
ORO (C21-C35)	**16**	J	**1.8**	**22**	**mg/Kg-dry**	1	6/15/2021 04:35
Surr: 4-Terphenyl-d14	*50.7*			*25-137*	*%REC*	1	6/15/2021 04:35
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/9/21		Analyst: **EE**
1,1`-Biphenyl	U		25	36	µg/Kg-dry	1	6/11/2021 02:23
1,2,4,5-Tetrachlorobenzene	U		33	180	µg/Kg-dry	1	6/11/2021 02:23
1,4-Dioxane	U		85	180	µg/Kg-dry	1	6/11/2021 02:23
2,2`-Oxybis(1-chloropropane)	U		25	36	µg/Kg-dry	1	6/11/2021 02:23
2,3,4,6-Tetrachlorophenol	U		27	73	µg/Kg-dry	1	6/11/2021 02:23
2,4,5-Trichlorophenol	U		22	36	µg/Kg-dry	1	6/11/2021 02:23
2,4,6-Trichlorophenol	U		9.7	36	µg/Kg-dry	1	6/11/2021 02:23
2,4-Dichlorophenol	U		20	36	µg/Kg-dry	1	6/11/2021 02:23
2,4-Dimethylphenol	U		19	36	µg/Kg-dry	1	6/11/2021 02:23
2,4-Dinitrophenol	U		65	730	µg/Kg-dry	1	6/11/2021 02:23
2,4-Dinitrotoluene	U		24	36	µg/Kg-dry	1	6/11/2021 02:23
2,6-Dinitrotoluene	U		24	36	µg/Kg-dry	1	6/11/2021 02:23
2-Chloronaphthalene	U		5.1	7.3	µg/Kg-dry	1	6/11/2021 02:23
2-Chlorophenol	U		25	36	µg/Kg-dry	1	6/11/2021 02:23
2-Methylnaphthalene	U		3.7	7.3	µg/Kg-dry	1	6/11/2021 02:23
2-Methylphenol	U		22	36	µg/Kg-dry	1	6/11/2021 02:23
2-Nitroaniline	U		20	36	µg/Kg-dry	1	6/11/2021 02:23
2-Nitrophenol	U		23	36	µg/Kg-dry	1	6/11/2021 02:23
3&4-Methylphenol	U		20	36	µg/Kg-dry	1	6/11/2021 02:23
3,3´-Dichlorobenzidine	U		17	180	µg/Kg-dry	1	6/11/2021 02:23
3-Nitroaniline	U		21	36	µg/Kg-dry	1	6/11/2021 02:23
4,6-Dinitro-2-methylphenol	U		30	36	µg/Kg-dry	1	6/11/2021 02:23

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1 (24-26)
Collection Date: 6/2/2021 09:35 AM

Work Order: 21060422
Lab ID: 21060422-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		20	36	µg/Kg-dry	1	6/11/2021 02:23
4-Chloro-3-methylphenol	U		27	36	µg/Kg-dry	1	6/11/2021 02:23
4-Chloroaniline	U		18	73	µg/Kg-dry	1	6/11/2021 02:23
4-Chlorophenyl phenyl ether	U		24	36	µg/Kg-dry	1	6/11/2021 02:23
4-Nitroaniline	U		56	180	µg/Kg-dry	1	6/11/2021 02:23
4-Nitrophenol	U		18	180	µg/Kg-dry	1	6/11/2021 02:23
Acenaphthene	U		5.3	7.3	µg/Kg-dry	1	6/11/2021 02:23
Acenaphthylene	U		4.7	7.3	µg/Kg-dry	1	6/11/2021 02:23
Acetophenone	U		23	36	µg/Kg-dry	1	6/11/2021 02:23
Anthracene	U		5.1	7.3	µg/Kg-dry	1	6/11/2021 02:23
Atrazine	U		21	36	µg/Kg-dry	1	6/11/2021 02:23
Benzaldehyde	U		56	73	µg/Kg-dry	1	6/11/2021 02:23
Benzo(a)anthracene	U		6.3	7.3	µg/Kg-dry	1	6/11/2021 02:23
Benzo(a)pyrene	U		4.5	7.3	µg/Kg-dry	1	6/11/2021 02:23
Benzo(b)fluoranthene	U		5.4	7.3	µg/Kg-dry	1	6/11/2021 02:23
Benzo(g,h,i)perylene	U		5.6	7.3	µg/Kg-dry	1	6/11/2021 02:23
Benzo(k)fluoranthene	U		5.5	7.3	µg/Kg-dry	1	6/11/2021 02:23
Bis(2-chloroethoxy)methane	U		23	36	µg/Kg-dry	1	6/11/2021 02:23
Bis(2-chloroethyl)ether	U		26	36	µg/Kg-dry	1	6/11/2021 02:23
Bis(2-ethylhexyl)phthalate	U		30	36	µg/Kg-dry	1	6/11/2021 02:23
Butyl benzyl phthalate	U		46	73	µg/Kg-dry	1	6/11/2021 02:23
Caprolactam	U		56	73	µg/Kg-dry	1	6/11/2021 02:23
Carbazole	U		26	36	µg/Kg-dry	1	6/11/2021 02:23
Chrysene	U		5.9	7.3	µg/Kg-dry	1	6/11/2021 02:23
Dibenzo(a,h)anthracene	U		3.9	7.3	µg/Kg-dry	1	6/11/2021 02:23
Dibenzofuran	U		22	36	µg/Kg-dry	1	6/11/2021 02:23
Diethyl phthalate	U		29	36	µg/Kg-dry	1	6/11/2021 02:23
Dimethyl phthalate	U		28	36	µg/Kg-dry	1	6/11/2021 02:23
Di-n-butyl phthalate	U		22	36	µg/Kg-dry	1	6/11/2021 02:23
Di-n-octyl phthalate	U		31	36	µg/Kg-dry	1	6/11/2021 02:23
Fluoranthene	U		3.5	7.3	µg/Kg-dry	1	6/11/2021 02:23
Fluorene	U		5.3	7.3	µg/Kg-dry	1	6/11/2021 02:23
Hexachlorobenzene	U		22	36	µg/Kg-dry	1	6/11/2021 02:23
Hexachlorobutadiene	U		28	36	µg/Kg-dry	1	6/11/2021 02:23
Hexachlorocyclopentadiene	U		34	36	µg/Kg-dry	1	6/11/2021 02:23
Hexachloroethane	U		15	36	µg/Kg-dry	1	6/11/2021 02:23
Indeno(1,2,3-cd)pyrene	U		5.1	7.3	µg/Kg-dry	1	6/11/2021 02:23
Isophorone	U		26	180	µg/Kg-dry	1	6/11/2021 02:23
Naphthalene	U		4.6	7.3	µg/Kg-dry	1	6/11/2021 02:23
Nitrobenzene	U		27	180	µg/Kg-dry	1	6/11/2021 02:23

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1 (24-26)
Collection Date: 6/2/2021 09:35 AM

Work Order: 21060422
Lab ID: 21060422-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		35	36	µg/Kg-dry	1	6/11/2021 02:23
N-Nitrosodiphenylamine	U		21	36	µg/Kg-dry	1	6/11/2021 02:23
Pentachlorophenol	U		29	36	µg/Kg-dry	1	6/11/2021 02:23
Phenanthrene	U		3.4	7.3	µg/Kg-dry	1	6/11/2021 02:23
Phenol	U		18	36	µg/Kg-dry	1	6/11/2021 02:23
Pyrene	U		6.9	7.3	µg/Kg-dry	1	6/11/2021 02:23
Surr: 2,4,6-Tribromophenol	*67.5*			*38-92*	*%REC*	1	6/11/2021 02:23
Surr: 2-Fluorobiphenyl	*79.9*			*44-107*	*%REC*	1	6/11/2021 02:23
Surr: 2-Fluorophenol	*64.1*			*37-109*	*%REC*	1	6/11/2021 02:23
Surr: 4-Terphenyl-d14	*95.8*			*52-123*	*%REC*	1	6/11/2021 02:23
Surr: Nitrobenzene-d5	*74.5*			*41-94*	*%REC*	1	6/11/2021 02:23
Surr: Phenol-d6	*69.6*			*28-111*	*%REC*	1	6/11/2021 02:23
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
GRO (C6-C10)	**4,100**	J	**1,200**	**4,800**	**µg/Kg-dry**	1	6/15/2021 05:13
Surr: Toluene-d8	*89.5*			*70-130*	*%REC*	1	6/15/2021 05:13
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.65	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,1,2,2-Tetrachloroethane	U		0.53	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,1,2-Trichloroethane	U		0.55	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,1,2-Trichlorotrifluoroethane	U		0.91	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,1-Dichloroethane	U		0.51	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,1-Dichloroethene	U		0.81	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,2,3-Trichlorobenzene	U		1.5	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,2,4-Trichlorobenzene	U		0.91	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,2-Dibromo-3-chloropropane	U		0.82	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,2-Dibromoethane	U		0.30	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,2-Dichlorobenzene	U		0.58	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,2-Dichloroethane	U		0.46	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,2-Dichloropropane	U		0.36	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,3-Dichlorobenzene	U		0.50	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
1,4-Dichlorobenzene	U		0.53	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
2-Butanone	U		4.2	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
2-Hexanone	U		1.5	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
4-Methyl-2-pentanone	U		1.5	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Acetone	**4.1**	J	**3.8**	**8.2**	**µg/Kg-dry**	0.742	6/15/2021 14:37
Benzene	U		0.43	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Bromochloromethane	U		0.45	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Bromodichloromethane	U		0.49	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Bromoform	U		0.41	4.1	µg/Kg-dry	0.742	6/15/2021 14:37

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1 (24-26)
Collection Date: 6/2/2021 09:35 AM

Work Order: 21060422
Lab ID: 21060422-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.1	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
Carbon disulfide	U		0.49	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Carbon tetrachloride	U		0.82	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Chlorobenzene	U		0.52	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Chloroethane	U		1.6	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Chloroform	U		0.68	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Chloromethane	U		0.82	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
cis-1,2-Dichloroethene	U		0.45	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
cis-1,3-Dichloropropene	U		0.49	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Cyclohexane	U		1.4	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
Dibromochloromethane	U		0.42	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Dichlorodifluoromethane	U		2.1	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
Ethylbenzene	U		0.72	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Isopropylbenzene	U		0.70	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
m,p-Xylene	U		1.8	2.1	µg/Kg-dry	0.742	6/15/2021 14:37
Methyl acetate	U		0.99	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
Methyl tert-butyl ether	U		0.50	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Methylcyclohexane	U		1.2	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
Methylene chloride	U		5.1	8.2	µg/Kg-dry	0.742	6/15/2021 14:37
o-Xylene	U		0.99	2.1	µg/Kg-dry	0.742	6/15/2021 14:37
Styrene	U		0.62	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Tetrachloroethene	U		0.73	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Toluene	U		0.71	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
trans-1,2-Dichloroethene	U		0.41	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
trans-1,3-Dichloropropene	U		0.40	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Trichloroethene	U		0.59	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Trichlorofluoromethane	U		0.59	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Vinyl chloride	U		0.58	4.1	µg/Kg-dry	0.742	6/15/2021 14:37
Surr: 1,2-Dichloroethane-d4	*110*			*83-132*	*%REC*	0.742	6/15/2021 14:37
Surr: 4-Bromofluorobenzene	*99.2*			*83-111*	*%REC*	0.742	6/15/2021 14:37
Surr: Dibromofluoromethane	*62.2*	S		*77-125*	*%REC*	0.742	6/15/2021 14:37
Surr: Toluene-d8	*97.6*			*86-108*	*%REC*	0.742	6/15/2021 14:37
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**10**		**0.10**	**0.10**	**% of sample**	1	6/8/2021 16:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10)
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/10/21		Analyst: **MTW**
Mercury	**0.025**	J	**0.017**	**0.025**	**mg/Kg-dry**	1	6/10/2021 12:39
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/10/21		Analyst: **ABL**
Arsenic	**4.0**		**0.11**	**0.44**	**mg/Kg-dry**	1	6/10/2021 21:40
Barium	**93**		**0.55**	**0.88**	**mg/Kg-dry**	1	6/10/2021 21:40
Cadmium	U		0.14	0.88	mg/Kg-dry	1	6/10/2021 21:40
Chromium	**15**		**0.26**	**0.44**	**mg/Kg-dry**	1	6/10/2021 21:40
Lead	**7.1**		**0.35**	**0.44**	**mg/Kg-dry**	1	6/10/2021 21:40
Selenium	U		0.25	0.88	mg/Kg-dry	1	6/10/2021 21:40
Silver	U		0.21	0.44	mg/Kg-dry	1	6/10/2021 21:40
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**13**	J	**1.9**	**25**	**mg/Kg-dry**	1	6/15/2021 05:06
ORO (C21-C35)	**11**	J	**2.1**	**25**	**mg/Kg-dry**	1	6/15/2021 05:06
Surr: 4-Terphenyl-d14	*44.2*			*25-137*	*%REC*	1	6/15/2021 05:06
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/9/21		Analyst: **EE**
1,1`-Biphenyl	U		28	40	µg/Kg-dry	1	6/11/2021 02:45
1,2,4,5-Tetrachlorobenzene	U		36	200	µg/Kg-dry	1	6/11/2021 02:45
1,4-Dioxane	U		95	200	µg/Kg-dry	1	6/11/2021 02:45
2,2`-Oxybis(1-chloropropane)	U		28	40	µg/Kg-dry	1	6/11/2021 02:45
2,3,4,6-Tetrachlorophenol	U		30	82	µg/Kg-dry	1	6/11/2021 02:45
2,4,5-Trichlorophenol	U		24	40	µg/Kg-dry	1	6/11/2021 02:45
2,4,6-Trichlorophenol	U		11	40	µg/Kg-dry	1	6/11/2021 02:45
2,4-Dichlorophenol	U		22	40	µg/Kg-dry	1	6/11/2021 02:45
2,4-Dimethylphenol	U		21	40	µg/Kg-dry	1	6/11/2021 02:45
2,4-Dinitrophenol	U		73	810	µg/Kg-dry	1	6/11/2021 02:45
2,4-Dinitrotoluene	U		26	40	µg/Kg-dry	1	6/11/2021 02:45
2,6-Dinitrotoluene	U		27	40	µg/Kg-dry	1	6/11/2021 02:45
2-Chloronaphthalene	U		5.7	8.1	µg/Kg-dry	1	6/11/2021 02:45
2-Chlorophenol	U		27	40	µg/Kg-dry	1	6/11/2021 02:45
2-Methylnaphthalene	U		4.1	8.1	µg/Kg-dry	1	6/11/2021 02:45
2-Methylphenol	U		25	40	µg/Kg-dry	1	6/11/2021 02:45
2-Nitroaniline	U		23	40	µg/Kg-dry	1	6/11/2021 02:45
2-Nitrophenol	U		26	40	µg/Kg-dry	1	6/11/2021 02:45
3&4-Methylphenol	U		22	40	µg/Kg-dry	1	6/11/2021 02:45
3,3´-Dichlorobenzidine	U		19	200	µg/Kg-dry	1	6/11/2021 02:45
3-Nitroaniline	U		24	40	µg/Kg-dry	1	6/11/2021 02:45
4,6-Dinitro-2-methylphenol	U		34	40	µg/Kg-dry	1	6/11/2021 02:45

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10)
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		22	40	µg/Kg-dry	1	6/11/2021 02:45
4-Chloro-3-methylphenol	U		30	40	µg/Kg-dry	1	6/11/2021 02:45
4-Chloroaniline	U		21	82	µg/Kg-dry	1	6/11/2021 02:45
4-Chlorophenyl phenyl ether	U		26	40	µg/Kg-dry	1	6/11/2021 02:45
4-Nitroaniline	U		63	200	µg/Kg-dry	1	6/11/2021 02:45
4-Nitrophenol	U		20	200	µg/Kg-dry	1	6/11/2021 02:45
Acenaphthene	U		5.9	8.1	µg/Kg-dry	1	6/11/2021 02:45
Acenaphthylene	U		5.3	8.1	µg/Kg-dry	1	6/11/2021 02:45
Acetophenone	U		26	40	µg/Kg-dry	1	6/11/2021 02:45
Anthracene	U		5.7	8.1	µg/Kg-dry	1	6/11/2021 02:45
Atrazine	U		24	40	µg/Kg-dry	1	6/11/2021 02:45
Benzaldehyde	U		62	82	µg/Kg-dry	1	6/11/2021 02:45
Benzo(a)anthracene	U		7.0	8.1	µg/Kg-dry	1	6/11/2021 02:45
Benzo(a)pyrene	U		5.0	8.1	µg/Kg-dry	1	6/11/2021 02:45
Benzo(b)fluoranthene	U		6.1	8.1	µg/Kg-dry	1	6/11/2021 02:45
Benzo(g,h,i)perylene	U		6.2	8.1	µg/Kg-dry	1	6/11/2021 02:45
Benzo(k)fluoranthene	U		6.2	8.1	µg/Kg-dry	1	6/11/2021 02:45
Bis(2-chloroethoxy)methane	U		26	40	µg/Kg-dry	1	6/11/2021 02:45
Bis(2-chloroethyl)ether	U		29	40	µg/Kg-dry	1	6/11/2021 02:45
Bis(2-ethylhexyl)phthalate	U		34	40	µg/Kg-dry	1	6/11/2021 02:45
Butyl benzyl phthalate	U		51	82	µg/Kg-dry	1	6/11/2021 02:45
Caprolactam	U		62	82	µg/Kg-dry	1	6/11/2021 02:45
Carbazole	U		29	40	µg/Kg-dry	1	6/11/2021 02:45
Chrysene	U		6.6	8.1	µg/Kg-dry	1	6/11/2021 02:45
Dibenzo(a,h)anthracene	U		4.4	8.1	µg/Kg-dry	1	6/11/2021 02:45
Dibenzofuran	U		25	40	µg/Kg-dry	1	6/11/2021 02:45
Diethyl phthalate	U		32	40	µg/Kg-dry	1	6/11/2021 02:45
Dimethyl phthalate	U		31	40	µg/Kg-dry	1	6/11/2021 02:45
Di-n-butyl phthalate	U		25	40	µg/Kg-dry	1	6/11/2021 02:45
Di-n-octyl phthalate	U		35	40	µg/Kg-dry	1	6/11/2021 02:45
Fluoranthene	U		3.9	8.1	µg/Kg-dry	1	6/11/2021 02:45
Fluorene	U		5.9	8.1	µg/Kg-dry	1	6/11/2021 02:45
Hexachlorobenzene	U		25	40	µg/Kg-dry	1	6/11/2021 02:45
Hexachlorobutadiene	U		31	40	µg/Kg-dry	1	6/11/2021 02:45
Hexachlorocyclopentadiene	U		39	40	µg/Kg-dry	1	6/11/2021 02:45
Hexachloroethane	U		17	40	µg/Kg-dry	1	6/11/2021 02:45
Indeno(1,2,3-cd)pyrene	U		5.7	8.1	µg/Kg-dry	1	6/11/2021 02:45
Isophorone	U		29	200	µg/Kg-dry	1	6/11/2021 02:45
Naphthalene	U		5.2	8.1	µg/Kg-dry	1	6/11/2021 02:45
Nitrobenzene	U		31	200	µg/Kg-dry	1	6/11/2021 02:45

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10)
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		40	40	µg/Kg-dry	1	6/11/2021 02:45
N-Nitrosodiphenylamine	U		23	40	µg/Kg-dry	1	6/11/2021 02:45
Pentachlorophenol	U		32	40	µg/Kg-dry	1	6/11/2021 02:45
Phenanthrene	U		3.8	8.1	µg/Kg-dry	1	6/11/2021 02:45
Phenol	U		20	40	µg/Kg-dry	1	6/11/2021 02:45
Pyrene	U		7.7	8.1	µg/Kg-dry	1	6/11/2021 02:45
Surr: 2,4,6-Tribromophenol	*63.1*			*38-92*	*%REC*	1	6/11/2021 02:45
Surr: 2-Fluorobiphenyl	*63.4*			*44-107*	*%REC*	1	6/11/2021 02:45
Surr: 2-Fluorophenol	*68.3*			*37-109*	*%REC*	1	6/11/2021 02:45
Surr: 4-Terphenyl-d14	*65.9*			*52-123*	*%REC*	1	6/11/2021 02:45
Surr: Nitrobenzene-d5	*57.0*			*41-94*	*%REC*	1	6/11/2021 02:45
Surr: Phenol-d6	*70.8*			*28-111*	*%REC*	1	6/11/2021 02:45
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
GRO (C6-C10)	**330,000**		**16,000**	**63,000**	**µg/Kg-dry**	10	6/15/2021 21:02
Surr: Toluene-d8	*111*			*70-130*	*%REC*	10	6/15/2021 21:02
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
1,1,1-Trichloroethane	U		17	38	µg/Kg	1	6/15/2021 05:29
1,1,2,2-Tetrachloroethane	U		17	38	µg/Kg	1	6/15/2021 05:29
1,1,2-Trichloroethane	U		16	38	µg/Kg	1	6/15/2021 05:29
1,1,2-Trichlorotrifluoroethane	U		24	38	µg/Kg	1	6/15/2021 05:29
1,1-Dichloroethane	U		14	38	µg/Kg	1	6/15/2021 05:29
1,1-Dichloroethene	U		12	38	µg/Kg	1	6/15/2021 05:29
1,2,3-Trichlorobenzene	U		45	130	µg/Kg	1	6/15/2021 05:29
1,2,4-Trichlorobenzene	U		43	130	µg/Kg	1	6/15/2021 05:29
1,2-Dibromo-3-chloropropane	U		35	130	µg/Kg	1	6/15/2021 05:29
1,2-Dibromoethane	U		11	38	µg/Kg	1	6/15/2021 05:29
1,2-Dichlorobenzene	U		14	38	µg/Kg	1	6/15/2021 05:29
1,2-Dichloroethane	U		56	130	µg/Kg	1	6/15/2021 05:29
1,2-Dichloropropane	U		28	38	µg/Kg	1	6/15/2021 05:29
1,3-Dichlorobenzene	U		13	38	µg/Kg	1	6/15/2021 05:29
1,4-Dichlorobenzene	U		9.0	38	µg/Kg	1	6/15/2021 05:29
2-Butanone	U		31	250	µg/Kg	1	6/15/2021 05:29
2-Hexanone	U		19	38	µg/Kg	1	6/15/2021 05:29
4-Methyl-2-pentanone	U		35	38	µg/Kg	1	6/15/2021 05:29
Acetone	**280**		**110**	**130**	**µg/Kg**	1	6/15/2021 05:29
Benzene	U		18	38	µg/Kg	1	6/15/2021 05:29
Bromochloromethane	U		19	38	µg/Kg	1	6/15/2021 05:29
Bromodichloromethane	U		21	38	µg/Kg	1	6/15/2021 05:29
Bromoform	U		16	38	µg/Kg	1	6/15/2021 05:29

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10)
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		72	130	µg/Kg	1	6/15/2021 05:29
Carbon disulfide	U		19	38	µg/Kg	1	6/15/2021 05:29
Carbon tetrachloride	U		15	38	µg/Kg	1	6/15/2021 05:29
Chlorobenzene	U		12	38	µg/Kg	1	6/15/2021 05:29
Chloroethane	U		37	130	µg/Kg	1	6/15/2021 05:29
Chloroform	U		14	38	µg/Kg	1	6/15/2021 05:29
Chloromethane	U		100	130	µg/Kg	1	6/15/2021 05:29
cis-1,2-Dichloroethene	U		24	38	µg/Kg	1	6/15/2021 05:29
cis-1,3-Dichloropropene	U		28	38	µg/Kg	1	6/15/2021 05:29
Cyclohexane	**540**		**34**	**130**	**µg/Kg**	1	6/15/2021 05:29
Dibromochloromethane	U		21	38	µg/Kg	1	6/15/2021 05:29
Dichlorodifluoromethane	U		45	130	µg/Kg	1	6/15/2021 05:29
Ethylbenzene	**8.1**	J	**7.9**	**38**	**µg/Kg**	1	6/15/2021 05:29
Isopropylbenzene	**180**		**11**	**38**	**µg/Kg**	1	6/15/2021 05:29
m,p-Xylene	U		50	75	µg/Kg	1	6/15/2021 05:29
Methyl acetate	U		45	310	µg/Kg	1	6/15/2021 05:29
Methyl tert-butyl ether	U		11	38	µg/Kg	1	6/15/2021 05:29
Methylcyclohexane	U		14	38	µg/Kg	1	6/15/2021 05:29
Methylene chloride	U		100	310	µg/Kg	1	6/15/2021 05:29
o-Xylene	U		15	38	µg/Kg	1	6/15/2021 05:29
Styrene	U		15	38	µg/Kg	1	6/15/2021 05:29
Tetrachloroethene	U		23	38	µg/Kg	1	6/15/2021 05:29
Toluene	U		10	38	µg/Kg	1	6/15/2021 05:29
trans-1,2-Dichloroethene	U		14	38	µg/Kg	1	6/15/2021 05:29
trans-1,3-Dichloropropene	U		21	38	µg/Kg	1	6/15/2021 05:29
Trichloroethene	U		17	38	µg/Kg	1	6/15/2021 05:29
Trichlorofluoromethane	U		19	38	µg/Kg	1	6/15/2021 05:29
Vinyl chloride	U		25	38	µg/Kg	1	6/15/2021 05:29
Surr: 1,2-Dichloroethane-d4	*105*			*70-130*	*%REC*	1	6/15/2021 05:29
Surr: 4-Bromofluorobenzene	*114*			*70-130*	*%REC*	1	6/15/2021 05:29
Surr: Dibromofluoromethane	*102*			*70-130*	*%REC*	1	6/15/2021 05:29
Surr: Toluene-d8	*104*			*70-130*	*%REC*	1	6/15/2021 05:29
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**21**		**0.10**	**0.10**	**% of sample**	1	6/8/2021 16:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3 (24-26)
Collection Date: 6/2/2021 11:12 AM

Work Order: 21060422
Lab ID: 21060422-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/10/21		Analyst: **MTW**
Mercury	**0.045**		**0.014**	**0.020**	**mg/Kg-dry**	1	6/10/2021 12:41
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/10/21		Analyst: **ABL**
Arsenic	**80**		**0.12**	**0.45**	**mg/Kg-dry**	1	6/10/2021 21:45
Barium	**140**		**0.56**	**0.90**	**mg/Kg-dry**	1	6/10/2021 21:45
Cadmium	**0.37**	J	**0.15**	**0.90**	**mg/Kg-dry**	1	6/10/2021 21:45
Chromium	**12**		**0.27**	**0.45**	**mg/Kg-dry**	1	6/10/2021 21:45
Lead	**7.7**		**0.36**	**0.45**	**mg/Kg-dry**	1	6/10/2021 21:45
Selenium	U		0.25	0.90	mg/Kg-dry	1	6/10/2021 21:45
Silver	U		0.22	0.45	mg/Kg-dry	1	6/10/2021 21:45
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**11**	J	**1.6**	**22**	**mg/Kg-dry**	1	6/15/2021 05:36
ORO (C21-C35)	**11**	J	**1.8**	**22**	**mg/Kg-dry**	1	6/15/2021 05:36
Surr: 4-Terphenyl-d14	*52.5*			*25-137*	*%REC*	1	6/15/2021 05:36
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/9/21		Analyst: **EE**
1,1`-Biphenyl	U		25	35	µg/Kg-dry	1	6/11/2021 03:07
1,2,4,5-Tetrachlorobenzene	U		32	180	µg/Kg-dry	1	6/11/2021 03:07
1,4-Dioxane	U		83	180	µg/Kg-dry	1	6/11/2021 03:07
2,2`-Oxybis(1-chloropropane)	U		24	35	µg/Kg-dry	1	6/11/2021 03:07
2,3,4,6-Tetrachlorophenol	U		26	72	µg/Kg-dry	1	6/11/2021 03:07
2,4,5-Trichlorophenol	U		21	35	µg/Kg-dry	1	6/11/2021 03:07
2,4,6-Trichlorophenol	U		9.5	35	µg/Kg-dry	1	6/11/2021 03:07
2,4-Dichlorophenol	U		19	35	µg/Kg-dry	1	6/11/2021 03:07
2,4-Dimethylphenol	U		18	35	µg/Kg-dry	1	6/11/2021 03:07
2,4-Dinitrophenol	U		64	710	µg/Kg-dry	1	6/11/2021 03:07
2,4-Dinitrotoluene	U		23	35	µg/Kg-dry	1	6/11/2021 03:07
2,6-Dinitrotoluene	U		23	35	µg/Kg-dry	1	6/11/2021 03:07
2-Chloronaphthalene	U		5.0	7.1	µg/Kg-dry	1	6/11/2021 03:07
2-Chlorophenol	U		24	35	µg/Kg-dry	1	6/11/2021 03:07
2-Methylnaphthalene	U		3.6	7.1	µg/Kg-dry	1	6/11/2021 03:07
2-Methylphenol	U		22	35	µg/Kg-dry	1	6/11/2021 03:07
2-Nitroaniline	U		20	35	µg/Kg-dry	1	6/11/2021 03:07
2-Nitrophenol	U		23	35	µg/Kg-dry	1	6/11/2021 03:07
3&4-Methylphenol	U		19	35	µg/Kg-dry	1	6/11/2021 03:07
3,3´-Dichlorobenzidine	U		17	180	µg/Kg-dry	1	6/11/2021 03:07
3-Nitroaniline	U		21	35	µg/Kg-dry	1	6/11/2021 03:07
4,6-Dinitro-2-methylphenol	U		30	35	µg/Kg-dry	1	6/11/2021 03:07

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3 (24-26)
Collection Date: 6/2/2021 11:12 AM

Work Order: 21060422
Lab ID: 21060422-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		20	35	µg/Kg-dry	1	6/11/2021 03:07
4-Chloro-3-methylphenol	U		26	35	µg/Kg-dry	1	6/11/2021 03:07
4-Chloroaniline	U		18	72	µg/Kg-dry	1	6/11/2021 03:07
4-Chlorophenyl phenyl ether	U		23	35	µg/Kg-dry	1	6/11/2021 03:07
4-Nitroaniline	U		55	180	µg/Kg-dry	1	6/11/2021 03:07
4-Nitrophenol	U		17	180	µg/Kg-dry	1	6/11/2021 03:07
Acenaphthene	U		5.2	7.1	µg/Kg-dry	1	6/11/2021 03:07
Acenaphthylene	U		4.6	7.1	µg/Kg-dry	1	6/11/2021 03:07
Acetophenone	U		23	35	µg/Kg-dry	1	6/11/2021 03:07
Anthracene	U		5.0	7.1	µg/Kg-dry	1	6/11/2021 03:07
Atrazine	U		21	35	µg/Kg-dry	1	6/11/2021 03:07
Benzaldehyde	U		55	72	µg/Kg-dry	1	6/11/2021 03:07
Benzo(a)anthracene	U		6.2	7.1	µg/Kg-dry	1	6/11/2021 03:07
Benzo(a)pyrene	U		4.4	7.1	µg/Kg-dry	1	6/11/2021 03:07
Benzo(b)fluoranthene	U		5.3	7.1	µg/Kg-dry	1	6/11/2021 03:07
Benzo(g,h,i)perylene	U		5.5	7.1	µg/Kg-dry	1	6/11/2021 03:07
Benzo(k)fluoranthene	U		5.4	7.1	µg/Kg-dry	1	6/11/2021 03:07
Bis(2-chloroethoxy)methane	U		23	35	µg/Kg-dry	1	6/11/2021 03:07
Bis(2-chloroethyl)ether	U		25	35	µg/Kg-dry	1	6/11/2021 03:07
Bis(2-ethylhexyl)phthalate	U		29	35	µg/Kg-dry	1	6/11/2021 03:07
Butyl benzyl phthalate	U		45	72	µg/Kg-dry	1	6/11/2021 03:07
Caprolactam	U		55	72	µg/Kg-dry	1	6/11/2021 03:07
Carbazole	U		26	35	µg/Kg-dry	1	6/11/2021 03:07
Chrysene	U		5.8	7.1	µg/Kg-dry	1	6/11/2021 03:07
Dibenzo(a,h)anthracene	U		3.8	7.1	µg/Kg-dry	1	6/11/2021 03:07
Dibenzofuran	U		22	35	µg/Kg-dry	1	6/11/2021 03:07
Diethyl phthalate	U		28	35	µg/Kg-dry	1	6/11/2021 03:07
Dimethyl phthalate	U		27	35	µg/Kg-dry	1	6/11/2021 03:07
Di-n-butyl phthalate	U		22	35	µg/Kg-dry	1	6/11/2021 03:07
Di-n-octyl phthalate	U		31	35	µg/Kg-dry	1	6/11/2021 03:07
Fluoranthene	U		3.4	7.1	µg/Kg-dry	1	6/11/2021 03:07
Fluorene	U		5.2	7.1	µg/Kg-dry	1	6/11/2021 03:07
Hexachlorobenzene	U		22	35	µg/Kg-dry	1	6/11/2021 03:07
Hexachlorobutadiene	U		28	35	µg/Kg-dry	1	6/11/2021 03:07
Hexachlorocyclopentadiene	U		34	35	µg/Kg-dry	1	6/11/2021 03:07
Hexachloroethane	U		15	35	µg/Kg-dry	1	6/11/2021 03:07
Indeno(1,2,3-cd)pyrene	U		5.0	7.1	µg/Kg-dry	1	6/11/2021 03:07
Isophorone	U		25	180	µg/Kg-dry	1	6/11/2021 03:07
Naphthalene	U		4.6	7.1	µg/Kg-dry	1	6/11/2021 03:07
Nitrobenzene	U		27	180	µg/Kg-dry	1	6/11/2021 03:07

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3 (24-26)
Collection Date: 6/2/2021 11:12 AM

Work Order: 21060422
Lab ID: 21060422-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		35	35	µg/Kg-dry	1	6/11/2021 03:07
N-Nitrosodiphenylamine	U		20	35	µg/Kg-dry	1	6/11/2021 03:07
Pentachlorophenol	U		28	35	µg/Kg-dry	1	6/11/2021 03:07
Phenanthrene	U		3.3	7.1	µg/Kg-dry	1	6/11/2021 03:07
Phenol	U		18	35	µg/Kg-dry	1	6/11/2021 03:07
Pyrene	U		6.8	7.1	µg/Kg-dry	1	6/11/2021 03:07
Surr: 2,4,6-Tribromophenol	*72.9*			*38-92*	*%REC*	1	6/11/2021 03:07
Surr: 2-Fluorobiphenyl	*76.3*			*44-107*	*%REC*	1	6/11/2021 03:07
Surr: 2-Fluorophenol	*65.4*			*37-109*	*%REC*	1	6/11/2021 03:07
Surr: 4-Terphenyl-d14	*85.9*			*52-123*	*%REC*	1	6/11/2021 03:07
Surr: Nitrobenzene-d5	*66.6*			*41-94*	*%REC*	1	6/11/2021 03:07
Surr: Phenol-d6	*68.4*			*28-111*	*%REC*	1	6/11/2021 03:07
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
GRO (C6-C10)	U		1,600	6,200	µg/Kg-dry	1	6/15/2021 21:19
Surr: Toluene-d8	*86.9*			*70-130*	*%REC*	1	6/15/2021 21:19
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.81	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,1,2,2-Tetrachloroethane	U		0.66	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,1,2-Trichloroethane	U		0.69	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,1,2-Trichlorotrifluoroethane	U		1.1	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,1-Dichloroethane	U		0.64	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,1-Dichloroethene	U		1.0	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,2,3-Trichlorobenzene	U		1.8	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,2,4-Trichlorobenzene	U		1.1	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,2-Dibromo-3-chloropropane	U		1.0	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,2-Dibromoethane	U		0.37	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,2-Dichlorobenzene	U		0.72	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,2-Dichloroethane	U		0.57	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,2-Dichloropropane	U		0.45	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,3-Dichlorobenzene	U		0.63	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
1,4-Dichlorobenzene	U		0.66	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
2-Butanone	U		5.2	10	µg/Kg-dry	0.935	6/15/2021 14:53
2-Hexanone	U		1.8	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
4-Methyl-2-pentanone	U		1.8	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Acetone	**6.8**	J	**4.7**	**10**	**µg/Kg-dry**	0.935	6/15/2021 14:53
Benzene	U		0.53	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Bromochloromethane	U		0.55	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Bromodichloromethane	U		0.62	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Bromoform	U		0.51	5.1	µg/Kg-dry	0.935	6/15/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3 (24-26)
Collection Date: 6/2/2021 11:12 AM

Work Order: 21060422
Lab ID: 21060422-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.6	10	µg/Kg-dry	0.935	6/15/2021 14:53
Carbon disulfide	U		0.60	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Carbon tetrachloride	U		1.0	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Chlorobenzene	U		0.65	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Chloroethane	U		1.9	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Chloroform	U		0.84	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Chloromethane	U		1.0	10	µg/Kg-dry	0.935	6/15/2021 14:53
cis-1,2-Dichloroethene	U		0.55	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
cis-1,3-Dichloropropene	U		0.62	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Cyclohexane	U		1.7	10	µg/Kg-dry	0.935	6/15/2021 14:53
Dibromochloromethane	U		0.52	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Dichlorodifluoromethane	U		2.6	10	µg/Kg-dry	0.935	6/15/2021 14:53
Ethylbenzene	U		0.89	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Isopropylbenzene	U		0.87	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
m,p-Xylene	U		2.3	2.6	µg/Kg-dry	0.935	6/15/2021 14:53
Methyl acetate	U		1.2	10	µg/Kg-dry	0.935	6/15/2021 14:53
Methyl tert-butyl ether	U		0.63	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Methylcyclohexane	U		1.5	10	µg/Kg-dry	0.935	6/15/2021 14:53
Methylene chloride	U		6.4	10	µg/Kg-dry	0.935	6/15/2021 14:53
o-Xylene	U		1.2	2.6	µg/Kg-dry	0.935	6/15/2021 14:53
Styrene	U		0.77	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Tetrachloroethene	U		0.91	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Toluene	U		0.88	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
trans-1,2-Dichloroethene	U		0.51	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
trans-1,3-Dichloropropene	U		0.49	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Trichloroethene	U		0.74	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Trichlorofluoromethane	U		0.73	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Vinyl chloride	U		0.72	5.1	µg/Kg-dry	0.935	6/15/2021 14:53
Surr: 1,2-Dichloroethane-d4	*117*			*83-132*	*%REC*	0.935	6/15/2021 14:53
Surr: 4-Bromofluorobenzene	*101*			*83-111*	*%REC*	0.935	6/15/2021 14:53
Surr: Dibromofluoromethane	*55.5*	S		*77-125*	*%REC*	0.935	6/15/2021 14:53
Surr: Toluene-d8	*99.1*			*86-108*	*%REC*	0.935	6/15/2021 14:53
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**8.8**		**0.10**	**0.10**	**% of sample**	1	6/8/2021 16:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4 (8-10)
Collection Date: 6/2/2021 11:50 AM

Work Order: 21060422
Lab ID: 21060422-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/10/21		Analyst: **MTW**
Mercury	**0.017**	J	**0.014**	**0.021**	**mg/Kg-dry**	1	6/10/2021 12:43
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/10/21		Analyst: **ABL**
Arsenic	**4.6**		**0.12**	**0.45**	**mg/Kg-dry**	1	6/10/2021 21:50
Barium	**140**		**0.56**	**0.90**	**mg/Kg-dry**	1	6/10/2021 21:50
Cadmium	U		0.15	0.90	mg/Kg-dry	1	6/10/2021 21:50
Chromium	**9.6**		**0.27**	**0.45**	**mg/Kg-dry**	1	6/10/2021 21:50
Lead	**8.9**		**0.36**	**0.45**	**mg/Kg-dry**	1	6/10/2021 21:50
Selenium	**0.51**	J	**0.25**	**0.90**	**mg/Kg-dry**	1	6/10/2021 21:50
Silver	U		0.22	0.45	mg/Kg-dry	1	6/10/2021 21:50
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**13**	J	**1.9**	**25**	**mg/Kg-dry**	1	6/15/2021 06:06
ORO (C21-C35)	**12**	J	**2.1**	**25**	**mg/Kg-dry**	1	6/15/2021 06:06
Surr: 4-Terphenyl-d14	*48.4*			*25-137*	*%REC*	1	6/15/2021 06:06
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/9/21		Analyst: **EE**
1,1`-Biphenyl	U		29	42	µg/Kg-dry	1	6/11/2021 03:29
1,2,4,5-Tetrachlorobenzene	U		38	210	µg/Kg-dry	1	6/11/2021 03:29
1,4-Dioxane	U		99	210	µg/Kg-dry	1	6/11/2021 03:29
2,2`-Oxybis(1-chloropropane)	U		29	42	µg/Kg-dry	1	6/11/2021 03:29
2,3,4,6-Tetrachlorophenol	U		31	85	µg/Kg-dry	1	6/11/2021 03:29
2,4,5-Trichlorophenol	U		25	42	µg/Kg-dry	1	6/11/2021 03:29
2,4,6-Trichlorophenol	U		11	42	µg/Kg-dry	1	6/11/2021 03:29
2,4-Dichlorophenol	U		23	42	µg/Kg-dry	1	6/11/2021 03:29
2,4-Dimethylphenol	U		22	42	µg/Kg-dry	1	6/11/2021 03:29
2,4-Dinitrophenol	U		75	840	µg/Kg-dry	1	6/11/2021 03:29
2,4-Dinitrotoluene	U		27	42	µg/Kg-dry	1	6/11/2021 03:29
2,6-Dinitrotoluene	U		28	42	µg/Kg-dry	1	6/11/2021 03:29
2-Chloronaphthalene	U		5.9	8.4	µg/Kg-dry	1	6/11/2021 03:29
2-Chlorophenol	U		28	42	µg/Kg-dry	1	6/11/2021 03:29
2-Methylnaphthalene	U		4.3	8.4	µg/Kg-dry	1	6/11/2021 03:29
2-Methylphenol	U		26	42	µg/Kg-dry	1	6/11/2021 03:29
2-Nitroaniline	U		23	42	µg/Kg-dry	1	6/11/2021 03:29
2-Nitrophenol	U		27	42	µg/Kg-dry	1	6/11/2021 03:29
3&4-Methylphenol	U		23	42	µg/Kg-dry	1	6/11/2021 03:29
3,3´-Dichlorobenzidine	U		20	210	µg/Kg-dry	1	6/11/2021 03:29
3-Nitroaniline	U		24	42	µg/Kg-dry	1	6/11/2021 03:29
4,6-Dinitro-2-methylphenol	U		35	42	µg/Kg-dry	1	6/11/2021 03:29

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4 (8-10)
Collection Date: 6/2/2021 11:50 AM

Work Order: 21060422
Lab ID: 21060422-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		23	42	µg/Kg-dry	1	6/11/2021 03:29
4-Chloro-3-methylphenol	U		31	42	µg/Kg-dry	1	6/11/2021 03:29
4-Chloroaniline	U		21	85	µg/Kg-dry	1	6/11/2021 03:29
4-Chlorophenyl phenyl ether	U		27	42	µg/Kg-dry	1	6/11/2021 03:29
4-Nitroaniline	U		65	210	µg/Kg-dry	1	6/11/2021 03:29
4-Nitrophenol	U		20	210	µg/Kg-dry	1	6/11/2021 03:29
Acenaphthene	U		6.1	8.4	µg/Kg-dry	1	6/11/2021 03:29
Acenaphthylene	U		5.5	8.4	µg/Kg-dry	1	6/11/2021 03:29
Acetophenone	U		27	42	µg/Kg-dry	1	6/11/2021 03:29
Anthracene	U		6.0	8.4	µg/Kg-dry	1	6/11/2021 03:29
Atrazine	U		25	42	µg/Kg-dry	1	6/11/2021 03:29
Benzaldehyde	U		65	85	µg/Kg-dry	1	6/11/2021 03:29
Benzo(a)anthracene	U		7.3	8.4	µg/Kg-dry	1	6/11/2021 03:29
Benzo(a)pyrene	U		5.2	8.4	µg/Kg-dry	1	6/11/2021 03:29
Benzo(b)fluoranthene	U		6.3	8.4	µg/Kg-dry	1	6/11/2021 03:29
Benzo(g,h,i)perylene	U		6.5	8.4	µg/Kg-dry	1	6/11/2021 03:29
Benzo(k)fluoranthene	U		6.4	8.4	µg/Kg-dry	1	6/11/2021 03:29
Bis(2-chloroethoxy)methane	U		27	42	µg/Kg-dry	1	6/11/2021 03:29
Bis(2-chloroethyl)ether	U		30	42	µg/Kg-dry	1	6/11/2021 03:29
Bis(2-ethylhexyl)phthalate	U		35	42	µg/Kg-dry	1	6/11/2021 03:29
Butyl benzyl phthalate	U		53	85	µg/Kg-dry	1	6/11/2021 03:29
Caprolactam	U		65	85	µg/Kg-dry	1	6/11/2021 03:29
Carbazole	U		31	42	µg/Kg-dry	1	6/11/2021 03:29
Chrysene	U		6.8	8.4	µg/Kg-dry	1	6/11/2021 03:29
Dibenzo(a,h)anthracene	U		4.6	8.4	µg/Kg-dry	1	6/11/2021 03:29
Dibenzofuran	U		26	42	µg/Kg-dry	1	6/11/2021 03:29
Diethyl phthalate	U		33	42	µg/Kg-dry	1	6/11/2021 03:29
Dimethyl phthalate	U		32	42	µg/Kg-dry	1	6/11/2021 03:29
Di-n-butyl phthalate	U		26	42	µg/Kg-dry	1	6/11/2021 03:29
Di-n-octyl phthalate	U		37	42	µg/Kg-dry	1	6/11/2021 03:29
Fluoranthene	U		4.1	8.4	µg/Kg-dry	1	6/11/2021 03:29
Fluorene	U		6.1	8.4	µg/Kg-dry	1	6/11/2021 03:29
Hexachlorobenzene	U		26	42	µg/Kg-dry	1	6/11/2021 03:29
Hexachlorobutadiene	U		33	42	µg/Kg-dry	1	6/11/2021 03:29
Hexachlorocyclopentadiene	U		40	42	µg/Kg-dry	1	6/11/2021 03:29
Hexachloroethane	U		17	42	µg/Kg-dry	1	6/11/2021 03:29
Indeno(1,2,3-cd)pyrene	U		5.9	8.4	µg/Kg-dry	1	6/11/2021 03:29
Isophorone	U		30	210	µg/Kg-dry	1	6/11/2021 03:29
Naphthalene	U		5.4	8.4	µg/Kg-dry	1	6/11/2021 03:29
Nitrobenzene	U		32	210	µg/Kg-dry	1	6/11/2021 03:29

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4 (8-10)
Collection Date: 6/2/2021 11:50 AM

Work Order: 21060422
Lab ID: 21060422-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		41	42	µg/Kg-dry	1	6/11/2021 03:29
N-Nitrosodiphenylamine	U		24	42	µg/Kg-dry	1	6/11/2021 03:29
Pentachlorophenol	U		34	42	µg/Kg-dry	1	6/11/2021 03:29
Phenanthrene	U		3.9	8.4	µg/Kg-dry	1	6/11/2021 03:29
Phenol	U		21	42	µg/Kg-dry	1	6/11/2021 03:29
Pyrene	U		8.0	8.4	µg/Kg-dry	1	6/11/2021 03:29
Surr: 2,4,6-Tribromophenol	*73.6*			*38-92*	*%REC*	1	6/11/2021 03:29
Surr: 2-Fluorobiphenyl	*68.8*			*44-107*	*%REC*	1	6/11/2021 03:29
Surr: 2-Fluorophenol	*80.9*			*37-109*	*%REC*	1	6/11/2021 03:29
Surr: 4-Terphenyl-d14	*67.5*			*52-123*	*%REC*	1	6/11/2021 03:29
Surr: Nitrobenzene-d5	*58.5*			*41-94*	*%REC*	1	6/11/2021 03:29
Surr: Phenol-d6	*80.4*			*28-111*	*%REC*	1	6/11/2021 03:29
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
GRO (C6-C10)	**16,000**		**1,700**	**6,700**	**µg/Kg-dry**	1	6/15/2021 06:03
Surr: Toluene-d8	*96.3*			*70-130*	*%REC*	1	6/15/2021 06:03
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
1,1,1-Trichloroethane	U		18	40	µg/Kg	1	6/15/2021 06:03
1,1,2,2-Tetrachloroethane	U		18	40	µg/Kg	1	6/15/2021 06:03
1,1,2-Trichloroethane	U		17	40	µg/Kg	1	6/15/2021 06:03
1,1,2-Trichlorotrifluoroethane	U		25	40	µg/Kg	1	6/15/2021 06:03
1,1-Dichloroethane	U		15	40	µg/Kg	1	6/15/2021 06:03
1,1-Dichloroethene	U		13	40	µg/Kg	1	6/15/2021 06:03
1,2,3-Trichlorobenzene	U		48	130	µg/Kg	1	6/15/2021 06:03
1,2,4-Trichlorobenzene	U		45	130	µg/Kg	1	6/15/2021 06:03
1,2-Dibromo-3-chloropropane	U		37	130	µg/Kg	1	6/15/2021 06:03
1,2-Dibromoethane	U		11	40	µg/Kg	1	6/15/2021 06:03
1,2-Dichlorobenzene	U		15	40	µg/Kg	1	6/15/2021 06:03
1,2-Dichloroethane	U		60	130	µg/Kg	1	6/15/2021 06:03
1,2-Dichloropropane	U		30	40	µg/Kg	1	6/15/2021 06:03
1,3-Dichlorobenzene	U		13	40	µg/Kg	1	6/15/2021 06:03
1,4-Dichlorobenzene	U		9.7	40	µg/Kg	1	6/15/2021 06:03
2-Butanone	U		33	270	µg/Kg	1	6/15/2021 06:03
2-Hexanone	U		20	40	µg/Kg	1	6/15/2021 06:03
4-Methyl-2-pentanone	U		37	40	µg/Kg	1	6/15/2021 06:03
Acetone	U		120	130	µg/Kg	1	6/15/2021 06:03
Benzene	U		19	40	µg/Kg	1	6/15/2021 06:03
Bromochloromethane	U		20	40	µg/Kg	1	6/15/2021 06:03
Bromodichloromethane	U		22	40	µg/Kg	1	6/15/2021 06:03
Bromoform	U		17	40	µg/Kg	1	6/15/2021 06:03

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4 (8-10)
Collection Date: 6/2/2021 11:50 AM

Work Order: 21060422
Lab ID: 21060422-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		77	130	µg/Kg	1	6/15/2021 06:03
Carbon disulfide	U		21	40	µg/Kg	1	6/15/2021 06:03
Carbon tetrachloride	U		16	40	µg/Kg	1	6/15/2021 06:03
Chlorobenzene	U		13	40	µg/Kg	1	6/15/2021 06:03
Chloroethane	U		39	130	µg/Kg	1	6/15/2021 06:03
Chloroform	U		15	40	µg/Kg	1	6/15/2021 06:03
Chloromethane	U		110	130	µg/Kg	1	6/15/2021 06:03
cis-1,2-Dichloroethene	U		26	40	µg/Kg	1	6/15/2021 06:03
cis-1,3-Dichloropropene	U		30	40	µg/Kg	1	6/15/2021 06:03
Cyclohexane	U		36	130	µg/Kg	1	6/15/2021 06:03
Dibromochloromethane	U		23	40	µg/Kg	1	6/15/2021 06:03
Dichlorodifluoromethane	U		49	130	µg/Kg	1	6/15/2021 06:03
Ethylbenzene	**15**	J	**8.5**	**40**	**µg/Kg**	1	6/15/2021 06:03
Isopropylbenzene	U		12	40	µg/Kg	1	6/15/2021 06:03
m,p-Xylene	U		53	80	µg/Kg	1	6/15/2021 06:03
Methyl acetate	**58**	J	**48**	**330**	**µg/Kg**	1	6/15/2021 06:03
Methyl tert-butyl ether	U		12	40	µg/Kg	1	6/15/2021 06:03
Methylcyclohexane	**51**		**15**	**40**	**µg/Kg**	1	6/15/2021 06:03
Methylene chloride	U		110	330	µg/Kg	1	6/15/2021 06:03
o-Xylene	U		15	40	µg/Kg	1	6/15/2021 06:03
Styrene	U		16	40	µg/Kg	1	6/15/2021 06:03
Tetrachloroethene	U		24	40	µg/Kg	1	6/15/2021 06:03
Toluene	U		11	40	µg/Kg	1	6/15/2021 06:03
trans-1,2-Dichloroethene	U		15	40	µg/Kg	1	6/15/2021 06:03
trans-1,3-Dichloropropene	U		22	40	µg/Kg	1	6/15/2021 06:03
Trichloroethene	U		18	40	µg/Kg	1	6/15/2021 06:03
Trichlorofluoromethane	U		20	40	µg/Kg	1	6/15/2021 06:03
Vinyl chloride	U		27	40	µg/Kg	1	6/15/2021 06:03
Surr: 1,2-Dichloroethane-d4	*104*			*70-130*	*%REC*	1	6/15/2021 06:03
Surr: 4-Bromofluorobenzene	*103*			*70-130*	*%REC*	1	6/15/2021 06:03
Surr: Dibromofluoromethane	*101*			*70-130*	*%REC*	1	6/15/2021 06:03
Surr: Toluene-d8	*101*			*70-130*	*%REC*	1	6/15/2021 06:03
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**23**		**0.10**	**0.10**	**% of sample**	1	6/8/2021 16:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5 (12-14)
Collection Date: 6/2/2021 12:30 PM

Work Order: 21060422
Lab ID: 21060422-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/10/21		Analyst: **MTW**
Mercury	U		0.015	0.022	mg/Kg-dry	1	6/10/2021 12:45
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/10/21		Analyst: **ABL**
Arsenic	**4.7**		**0.12**	**0.48**	**mg/Kg-dry**	1	6/10/2021 21:55
Barium	**130**		**0.59**	**0.96**	**mg/Kg-dry**	1	6/10/2021 21:55
Cadmium	U		0.15	0.96	mg/Kg-dry	1	6/10/2021 21:55
Chromium	**11**		**0.29**	**0.48**	**mg/Kg-dry**	1	6/10/2021 21:55
Lead	**12**		**0.38**	**0.48**	**mg/Kg-dry**	1	6/10/2021 21:55
Selenium	U		0.27	0.96	mg/Kg-dry	1	6/10/2021 21:55
Silver	U		0.23	0.48	mg/Kg-dry	1	6/10/2021 21:55
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**12**	J	**1.9**	**25**	**mg/Kg-dry**	1	6/15/2021 06:37
ORO (C21-C35)	**9.4**	J	**2.1**	**25**	**mg/Kg-dry**	1	6/15/2021 06:37
Surr: 4-Terphenyl-d14	*44.9*			*25-137*	*%REC*	1	6/15/2021 06:37
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/9/21		Analyst: **EE**
1,1`-Biphenyl	U		29	42	µg/Kg-dry	1	6/11/2021 03:51
1,2,4,5-Tetrachlorobenzene	U		38	210	µg/Kg-dry	1	6/11/2021 03:51
1,4-Dioxane	U		98	210	µg/Kg-dry	1	6/11/2021 03:51
2,2`-Oxybis(1-chloropropane)	U		29	42	µg/Kg-dry	1	6/11/2021 03:51
2,3,4,6-Tetrachlorophenol	U		31	84	µg/Kg-dry	1	6/11/2021 03:51
2,4,5-Trichlorophenol	U		25	42	µg/Kg-dry	1	6/11/2021 03:51
2,4,6-Trichlorophenol	U		11	42	µg/Kg-dry	1	6/11/2021 03:51
2,4-Dichlorophenol	U		23	42	µg/Kg-dry	1	6/11/2021 03:51
2,4-Dimethylphenol	U		22	42	µg/Kg-dry	1	6/11/2021 03:51
2,4-Dinitrophenol	U		75	840	µg/Kg-dry	1	6/11/2021 03:51
2,4-Dinitrotoluene	U		27	42	µg/Kg-dry	1	6/11/2021 03:51
2,6-Dinitrotoluene	U		28	42	µg/Kg-dry	1	6/11/2021 03:51
2-Chloronaphthalene	U		5.9	8.4	µg/Kg-dry	1	6/11/2021 03:51
2-Chlorophenol	U		28	42	µg/Kg-dry	1	6/11/2021 03:51
2-Methylnaphthalene	**150**		**4.3**	**8.4**	**µg/Kg-dry**	1	6/11/2021 03:51
2-Methylphenol	U		26	42	µg/Kg-dry	1	6/11/2021 03:51
2-Nitroaniline	U		23	42	µg/Kg-dry	1	6/11/2021 03:51
2-Nitrophenol	U		27	42	µg/Kg-dry	1	6/11/2021 03:51
3&4-Methylphenol	U		23	42	µg/Kg-dry	1	6/11/2021 03:51
3,3´-Dichlorobenzidine	U		20	210	µg/Kg-dry	1	6/11/2021 03:51
3-Nitroaniline	U		24	42	µg/Kg-dry	1	6/11/2021 03:51
4,6-Dinitro-2-methylphenol	U		35	42	µg/Kg-dry	1	6/11/2021 03:51

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5 (12-14)
Collection Date: 6/2/2021 12:30 PM

Work Order: 21060422
Lab ID: 21060422-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		23	42	µg/Kg-dry	1	6/11/2021 03:51
4-Chloro-3-methylphenol	U		31	42	µg/Kg-dry	1	6/11/2021 03:51
4-Chloroaniline	U		21	84	µg/Kg-dry	1	6/11/2021 03:51
4-Chlorophenyl phenyl ether	U		27	42	µg/Kg-dry	1	6/11/2021 03:51
4-Nitroaniline	U		65	210	µg/Kg-dry	1	6/11/2021 03:51
4-Nitrophenol	U		20	210	µg/Kg-dry	1	6/11/2021 03:51
Acenaphthene	U		6.1	8.4	µg/Kg-dry	1	6/11/2021 03:51
Acenaphthylene	U		5.5	8.4	µg/Kg-dry	1	6/11/2021 03:51
Acetophenone	U		27	42	µg/Kg-dry	1	6/11/2021 03:51
Anthracene	U		5.9	8.4	µg/Kg-dry	1	6/11/2021 03:51
Atrazine	U		25	42	µg/Kg-dry	1	6/11/2021 03:51
Benzaldehyde	U		65	84	µg/Kg-dry	1	6/11/2021 03:51
Benzo(a)anthracene	**8.4**	J	**7.3**	**8.4**	**µg/Kg-dry**	1	6/11/2021 03:51
Benzo(a)pyrene	U		5.2	8.4	µg/Kg-dry	1	6/11/2021 03:51
Benzo(b)fluoranthene	U		6.3	8.4	µg/Kg-dry	1	6/11/2021 03:51
Benzo(g,h,i)perylene	U		6.4	8.4	µg/Kg-dry	1	6/11/2021 03:51
Benzo(k)fluoranthene	U		6.4	8.4	µg/Kg-dry	1	6/11/2021 03:51
Bis(2-chloroethoxy)methane	U		27	42	µg/Kg-dry	1	6/11/2021 03:51
Bis(2-chloroethyl)ether	U		30	42	µg/Kg-dry	1	6/11/2021 03:51
Bis(2-ethylhexyl)phthalate	U		35	42	µg/Kg-dry	1	6/11/2021 03:51
Butyl benzyl phthalate	U		53	84	µg/Kg-dry	1	6/11/2021 03:51
Caprolactam	U		65	84	µg/Kg-dry	1	6/11/2021 03:51
Carbazole	U		30	42	µg/Kg-dry	1	6/11/2021 03:51
Chrysene	U		6.8	8.4	µg/Kg-dry	1	6/11/2021 03:51
Dibenzo(a,h)anthracene	U		4.5	8.4	µg/Kg-dry	1	6/11/2021 03:51
Dibenzofuran	U		26	42	µg/Kg-dry	1	6/11/2021 03:51
Diethyl phthalate	U		33	42	µg/Kg-dry	1	6/11/2021 03:51
Dimethyl phthalate	U		32	42	µg/Kg-dry	1	6/11/2021 03:51
Di-n-butyl phthalate	U		26	42	µg/Kg-dry	1	6/11/2021 03:51
Di-n-octyl phthalate	U		36	42	µg/Kg-dry	1	6/11/2021 03:51
Fluoranthene	**14**		**4.0**	**8.4**	**µg/Kg-dry**	1	6/11/2021 03:51
Fluorene	U		6.1	8.4	µg/Kg-dry	1	6/11/2021 03:51
Hexachlorobenzene	U		26	42	µg/Kg-dry	1	6/11/2021 03:51
Hexachlorobutadiene	U		33	42	µg/Kg-dry	1	6/11/2021 03:51
Hexachlorocyclopentadiene	U		40	42	µg/Kg-dry	1	6/11/2021 03:51
Hexachloroethane	U		17	42	µg/Kg-dry	1	6/11/2021 03:51
Indeno(1,2,3-cd)pyrene	U		5.9	8.4	µg/Kg-dry	1	6/11/2021 03:51
Isophorone	U		30	210	µg/Kg-dry	1	6/11/2021 03:51
Naphthalene	**62**		**5.4**	**8.4**	**µg/Kg-dry**	1	6/11/2021 03:51
Nitrobenzene	U		32	210	µg/Kg-dry	1	6/11/2021 03:51

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5 (12-14)
Collection Date: 6/2/2021 12:30 PM

Work Order: 21060422
Lab ID: 21060422-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		41	42	µg/Kg-dry	1	6/11/2021 03:51
N-Nitrosodiphenylamine	U		24	42	µg/Kg-dry	1	6/11/2021 03:51
Pentachlorophenol	U		33	42	µg/Kg-dry	1	6/11/2021 03:51
Phenanthrene	U		3.9	8.4	µg/Kg-dry	1	6/11/2021 03:51
Phenol	U		21	42	µg/Kg-dry	1	6/11/2021 03:51
Pyrene	**13**		**8.0**	**8.4**	**µg/Kg-dry**	1	6/11/2021 03:51
Surr: 2,4,6-Tribromophenol	*79.3*			*38-92*	*%REC*	1	6/11/2021 03:51
Surr: 2-Fluorobiphenyl	*70.6*			*44-107*	*%REC*	1	6/11/2021 03:51
Surr: 2-Fluorophenol	*75.5*			*37-109*	*%REC*	1	6/11/2021 03:51
Surr: 4-Terphenyl-d14	*74.5*			*52-123*	*%REC*	1	6/11/2021 03:51
Surr: Nitrobenzene-d5	*67.7*			*41-94*	*%REC*	1	6/11/2021 03:51
Surr: Phenol-d6	*77.1*			*28-111*	*%REC*	1	6/11/2021 03:51
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
GRO (C6-C10)	**920,000**		**17,000**	**68,000**	**µg/Kg-dry**	10	6/16/2021 14:59
Surr: Toluene-d8	*137*	S		*70-130*	*%REC*	10	6/16/2021 14:59
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
1,1,1-Trichloroethane	U		18	41	µg/Kg	1	6/15/2021 06:19
1,1,2,2-Tetrachloroethane	U		18	41	µg/Kg	1	6/15/2021 06:19
1,1,2-Trichloroethane	U		17	41	µg/Kg	1	6/15/2021 06:19
1,1,2-Trichlorotrifluoroethane	U		26	41	µg/Kg	1	6/15/2021 06:19
1,1-Dichloroethane	U		15	41	µg/Kg	1	6/15/2021 06:19
1,1-Dichloroethene	U		13	41	µg/Kg	1	6/15/2021 06:19
1,2,3-Trichlorobenzene	U		49	140	µg/Kg	1	6/15/2021 06:19
1,2,4-Trichlorobenzene	U		46	140	µg/Kg	1	6/15/2021 06:19
1,2-Dibromo-3-chloropropane	U		37	140	µg/Kg	1	6/15/2021 06:19
1,2-Dibromoethane	U		11	41	µg/Kg	1	6/15/2021 06:19
1,2-Dichlorobenzene	U		15	41	µg/Kg	1	6/15/2021 06:19
1,2-Dichloroethane	U		61	140	µg/Kg	1	6/15/2021 06:19
1,2-Dichloropropane	U		30	41	µg/Kg	1	6/15/2021 06:19
1,3-Dichlorobenzene	U		14	41	µg/Kg	1	6/15/2021 06:19
1,4-Dichlorobenzene	U		9.8	41	µg/Kg	1	6/15/2021 06:19
2-Butanone	U		34	270	µg/Kg	1	6/15/2021 06:19
2-Hexanone	U		20	41	µg/Kg	1	6/15/2021 06:19
4-Methyl-2-pentanone	U		38	41	µg/Kg	1	6/15/2021 06:19
Acetone	U		120	140	µg/Kg	1	6/15/2021 06:19
Benzene	U		20	41	µg/Kg	1	6/15/2021 06:19
Bromochloromethane	U		21	41	µg/Kg	1	6/15/2021 06:19
Bromodichloromethane	U		23	41	µg/Kg	1	6/15/2021 06:19
Bromoform	U		17	41	µg/Kg	1	6/15/2021 06:19

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5 (12-14)
Collection Date: 6/2/2021 12:30 PM

Work Order: 21060422
Lab ID: 21060422-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		78	140	µg/Kg	1	6/15/2021 06:19
Carbon disulfide	U		21	41	µg/Kg	1	6/15/2021 06:19
Carbon tetrachloride	U		16	41	µg/Kg	1	6/15/2021 06:19
Chlorobenzene	U		14	41	µg/Kg	1	6/15/2021 06:19
Chloroethane	U		40	140	µg/Kg	1	6/15/2021 06:19
Chloroform	U		15	41	µg/Kg	1	6/15/2021 06:19
Chloromethane	U		110	140	µg/Kg	1	6/15/2021 06:19
cis-1,2-Dichloroethene	U		26	41	µg/Kg	1	6/15/2021 06:19
cis-1,3-Dichloropropene	U		31	41	µg/Kg	1	6/15/2021 06:19
Cyclohexane	U		37	140	µg/Kg	1	6/15/2021 06:19
Dibromochloromethane	U		23	41	µg/Kg	1	6/15/2021 06:19
Dichlorodifluoromethane	U		49	140	µg/Kg	1	6/15/2021 06:19
Ethylbenzene	U		8.6	41	µg/Kg	1	6/15/2021 06:19
Isopropylbenzene	U		12	41	µg/Kg	1	6/15/2021 06:19
m,p-Xylene	U		54	81	µg/Kg	1	6/15/2021 06:19
Methyl acetate	U		49	340	µg/Kg	1	6/15/2021 06:19
Methyl tert-butyl ether	U		12	41	µg/Kg	1	6/15/2021 06:19
Methylcyclohexane	**5,800**		**16**	**41**	**µg/Kg**	1	6/15/2021 06:19
Methylene chloride	U		110	340	µg/Kg	1	6/15/2021 06:19
o-Xylene	U		16	41	µg/Kg	1	6/15/2021 06:19
Styrene	U		16	41	µg/Kg	1	6/15/2021 06:19
Tetrachloroethene	U		25	41	µg/Kg	1	6/15/2021 06:19
Toluene	U		11	41	µg/Kg	1	6/15/2021 06:19
trans-1,2-Dichloroethene	U		15	41	µg/Kg	1	6/15/2021 06:19
trans-1,3-Dichloropropene	U		23	41	µg/Kg	1	6/15/2021 06:19
Trichloroethene	U		18	41	µg/Kg	1	6/15/2021 06:19
Trichlorofluoromethane	U		21	41	µg/Kg	1	6/15/2021 06:19
Vinyl chloride	U		27	41	µg/Kg	1	6/15/2021 06:19
Surr: 1,2-Dichloroethane-d4	*101*			*70-130*	*%REC*	1	6/15/2021 06:19
Surr: 4-Bromofluorobenzene	*127*			*70-130*	*%REC*	1	6/15/2021 06:19
Surr: Dibromofluoromethane	*99.3*			*70-130*	*%REC*	1	6/15/2021 06:19
Surr: Toluene-d8	*113*			*70-130*	*%REC*	1	6/15/2021 06:19
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**22**		**0.10**	**0.10**	**% of sample**	1	6/8/2021 16:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6 (8-10)
Collection Date: 6/2/2021 01:05 PM

Work Order: 21060422
Lab ID: 21060422-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/10/21		Analyst: **MTW**
Mercury	**0.034**		**0.014**	**0.021**	**mg/Kg-dry**	1	6/10/2021 12:47
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/10/21		Analyst: **ABL**
Arsenic	**7.0**		**0.11**	**0.42**	**mg/Kg-dry**	1	6/10/2021 22:00
Barium	**180**		**0.52**	**0.84**	**mg/Kg-dry**	1	6/10/2021 22:00
Cadmium	U		0.14	0.84	mg/Kg-dry	1	6/10/2021 22:00
Chromium	**14**		**0.25**	**0.42**	**mg/Kg-dry**	1	6/10/2021 22:00
Lead	**21**		**0.34**	**0.42**	**mg/Kg-dry**	1	6/10/2021 22:00
Selenium	U		0.24	0.84	mg/Kg-dry	1	6/10/2021 22:00
Silver	U		0.20	0.42	mg/Kg-dry	1	6/10/2021 22:00
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**13**	J	**1.9**	**25**	**mg/Kg-dry**	1	6/15/2021 07:07
ORO (C21-C35)	**9.6**	J	**2.1**	**25**	**mg/Kg-dry**	1	6/15/2021 07:07
Surr: 4-Terphenyl-d14	*51.5*			*25-137*	*%REC*	1	6/15/2021 07:07
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/9/21		Analyst: **EE**
1,1`-Biphenyl	U		28	40	µg/Kg-dry	1	6/11/2021 04:13
1,2,4,5-Tetrachlorobenzene	U		37	200	µg/Kg-dry	1	6/11/2021 04:13
1,4-Dioxane	U		96	200	µg/Kg-dry	1	6/11/2021 04:13
2,2`-Oxybis(1-chloropropane)	U		28	40	µg/Kg-dry	1	6/11/2021 04:13
2,3,4,6-Tetrachlorophenol	U		30	82	µg/Kg-dry	1	6/11/2021 04:13
2,4,5-Trichlorophenol	U		24	40	µg/Kg-dry	1	6/11/2021 04:13
2,4,6-Trichlorophenol	U		11	40	µg/Kg-dry	1	6/11/2021 04:13
2,4-Dichlorophenol	U		22	40	µg/Kg-dry	1	6/11/2021 04:13
2,4-Dimethylphenol	U		21	40	µg/Kg-dry	1	6/11/2021 04:13
2,4-Dinitrophenol	U		73	820	µg/Kg-dry	1	6/11/2021 04:13
2,4-Dinitrotoluene	U		27	40	µg/Kg-dry	1	6/11/2021 04:13
2,6-Dinitrotoluene	U		27	40	µg/Kg-dry	1	6/11/2021 04:13
2-Chloronaphthalene	U		5.7	8.2	µg/Kg-dry	1	6/11/2021 04:13
2-Chlorophenol	U		28	40	µg/Kg-dry	1	6/11/2021 04:13
2-Methylnaphthalene	U		4.2	8.2	µg/Kg-dry	1	6/11/2021 04:13
2-Methylphenol	U		25	40	µg/Kg-dry	1	6/11/2021 04:13
2-Nitroaniline	U		23	40	µg/Kg-dry	1	6/11/2021 04:13
2-Nitrophenol	U		26	40	µg/Kg-dry	1	6/11/2021 04:13
3&4-Methylphenol	U		22	40	µg/Kg-dry	1	6/11/2021 04:13
3,3´-Dichlorobenzidine	U		19	200	µg/Kg-dry	1	6/11/2021 04:13
3-Nitroaniline	U		24	40	µg/Kg-dry	1	6/11/2021 04:13
4,6-Dinitro-2-methylphenol	U		34	40	µg/Kg-dry	1	6/11/2021 04:13

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6 (8-10)
Collection Date: 6/2/2021 01:05 PM

Work Order: 21060422
Lab ID: 21060422-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		22	40	µg/Kg-dry	1	6/11/2021 04:13
4-Chloro-3-methylphenol	U		30	40	µg/Kg-dry	1	6/11/2021 04:13
4-Chloroaniline	U		21	82	µg/Kg-dry	1	6/11/2021 04:13
4-Chlorophenyl phenyl ether	U		27	40	µg/Kg-dry	1	6/11/2021 04:13
4-Nitroaniline	U		63	200	µg/Kg-dry	1	6/11/2021 04:13
4-Nitrophenol	U		20	200	µg/Kg-dry	1	6/11/2021 04:13
Acenaphthene	U		5.9	8.2	µg/Kg-dry	1	6/11/2021 04:13
Acenaphthylene	U		5.3	8.2	µg/Kg-dry	1	6/11/2021 04:13
Acetophenone	U		26	40	µg/Kg-dry	1	6/11/2021 04:13
Anthracene	U		5.8	8.2	µg/Kg-dry	1	6/11/2021 04:13
Atrazine	U		24	40	µg/Kg-dry	1	6/11/2021 04:13
Benzaldehyde	U		63	82	µg/Kg-dry	1	6/11/2021 04:13
Benzo(a)anthracene	U		7.1	8.2	µg/Kg-dry	1	6/11/2021 04:13
Benzo(a)pyrene	U		5.0	8.2	µg/Kg-dry	1	6/11/2021 04:13
Benzo(b)fluoranthene	U		6.1	8.2	µg/Kg-dry	1	6/11/2021 04:13
Benzo(g,h,i)perylene	U		6.3	8.2	µg/Kg-dry	1	6/11/2021 04:13
Benzo(k)fluoranthene	U		6.2	8.2	µg/Kg-dry	1	6/11/2021 04:13
Bis(2-chloroethoxy)methane	U		26	40	µg/Kg-dry	1	6/11/2021 04:13
Bis(2-chloroethyl)ether	U		29	40	µg/Kg-dry	1	6/11/2021 04:13
Bis(2-ethylhexyl)phthalate	U		34	40	µg/Kg-dry	1	6/11/2021 04:13
Butyl benzyl phthalate	U		51	82	µg/Kg-dry	1	6/11/2021 04:13
Caprolactam	U		63	82	µg/Kg-dry	1	6/11/2021 04:13
Carbazole	U		30	40	µg/Kg-dry	1	6/11/2021 04:13
Chrysene	U		6.6	8.2	µg/Kg-dry	1	6/11/2021 04:13
Dibenzo(a,h)anthracene	U		4.4	8.2	µg/Kg-dry	1	6/11/2021 04:13
Dibenzofuran	U		25	40	µg/Kg-dry	1	6/11/2021 04:13
Diethyl phthalate	U		32	40	µg/Kg-dry	1	6/11/2021 04:13
Dimethyl phthalate	U		31	40	µg/Kg-dry	1	6/11/2021 04:13
Di-n-butyl phthalate	U		25	40	µg/Kg-dry	1	6/11/2021 04:13
Di-n-octyl phthalate	U		35	40	µg/Kg-dry	1	6/11/2021 04:13
Fluoranthene	U		3.9	8.2	µg/Kg-dry	1	6/11/2021 04:13
Fluorene	U		5.9	8.2	µg/Kg-dry	1	6/11/2021 04:13
Hexachlorobenzene	U		25	40	µg/Kg-dry	1	6/11/2021 04:13
Hexachlorobutadiene	U		32	40	µg/Kg-dry	1	6/11/2021 04:13
Hexachlorocyclopentadiene	U		39	40	µg/Kg-dry	1	6/11/2021 04:13
Hexachloroethane	U		17	40	µg/Kg-dry	1	6/11/2021 04:13
Indeno(1,2,3-cd)pyrene	U		5.7	8.2	µg/Kg-dry	1	6/11/2021 04:13
Isophorone	U		29	200	µg/Kg-dry	1	6/11/2021 04:13
Naphthalene	U		5.2	8.2	µg/Kg-dry	1	6/11/2021 04:13
Nitrobenzene	U		31	200	µg/Kg-dry	1	6/11/2021 04:13

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6 (8-10)
Collection Date: 6/2/2021 01:05 PM

Work Order: 21060422
Lab ID: 21060422-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		40	40	µg/Kg-dry	1	6/11/2021 04:13
N-Nitrosodiphenylamine	U		23	40	µg/Kg-dry	1	6/11/2021 04:13
Pentachlorophenol	U		32	40	µg/Kg-dry	1	6/11/2021 04:13
Phenanthrene	U		3.8	8.2	µg/Kg-dry	1	6/11/2021 04:13
Phenol	U		21	40	µg/Kg-dry	1	6/11/2021 04:13
Pyrene	U		7.8	8.2	µg/Kg-dry	1	6/11/2021 04:13
Surr: 2,4,6-Tribromophenol	*68.6*			*38-92*	*%REC*	1	6/11/2021 04:13
Surr: 2-Fluorobiphenyl	*68.5*			*44-107*	*%REC*	1	6/11/2021 04:13
Surr: 2-Fluorophenol	*74.4*			*37-109*	*%REC*	1	6/11/2021 04:13
Surr: 4-Terphenyl-d14	*75.6*			*52-123*	*%REC*	1	6/11/2021 04:13
Surr: Nitrobenzene-d5	*62.1*			*41-94*	*%REC*	1	6/11/2021 04:13
Surr: Phenol-d6	*76.0*			*28-111*	*%REC*	1	6/11/2021 04:13
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/9/21		Analyst: **SJB**
GRO (C6-C10)	U		1,700	6,900	µg/Kg-dry	1	6/15/2021 21:52
Surr: Toluene-d8	*89.7*			*70-130*	*%REC*	1	6/15/2021 21:52
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.80	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,1,2,2-Tetrachloroethane	U		0.64	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,1,2-Trichloroethane	U		0.67	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,1,2-Trichlorotrifluoroethane	U		1.1	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,1-Dichloroethane	U		0.62	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,1-Dichloroethene	U		0.99	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,2,3-Trichlorobenzene	U		1.8	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,2,4-Trichlorobenzene	U		1.1	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,2-Dibromo-3-chloropropane	U		1.0	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,2-Dibromoethane	U		0.36	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,2-Dichlorobenzene	U		0.71	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,2-Dichloroethane	U		0.56	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,2-Dichloropropane	U		0.44	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,3-Dichlorobenzene	U		0.61	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
1,4-Dichlorobenzene	U		0.64	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
2-Butanone	U		5.1	10	µg/Kg-dry	0.8	6/15/2021 15:10
2-Hexanone	U		1.8	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
4-Methyl-2-pentanone	U		1.8	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Acetone	**68**		**4.6**	**10**	**µg/Kg-dry**	0.8	6/15/2021 15:10
Benzene	U		0.52	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Bromochloromethane	U		0.54	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Bromodichloromethane	U		0.60	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Bromoform	U		0.50	5.0	µg/Kg-dry	0.8	6/15/2021 15:10

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6 (8-10)
Collection Date: 6/2/2021 01:05 PM

Work Order: 21060422
Lab ID: 21060422-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.5	10	µg/Kg-dry	0.8	6/15/2021 15:10
Carbon disulfide	**4.8**	J	**0.59**	**5.0**	**µg/Kg-dry**	0.8	6/15/2021 15:10
Carbon tetrachloride	U		1.0	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Chlorobenzene	U		0.63	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Chloroethane	U		1.9	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Chloroform	U		0.83	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Chloromethane	U		1.0	10	µg/Kg-dry	0.8	6/15/2021 15:10
cis-1,2-Dichloroethene	U		0.54	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
cis-1,3-Dichloropropene	U		0.60	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Cyclohexane	U		1.7	10	µg/Kg-dry	0.8	6/15/2021 15:10
Dibromochloromethane	U		0.51	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Dichlorodifluoromethane	U		2.5	10	µg/Kg-dry	0.8	6/15/2021 15:10
Ethylbenzene	U		0.88	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Isopropylbenzene	U		0.86	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
m,p-Xylene	U		2.2	2.5	µg/Kg-dry	0.8	6/15/2021 15:10
Methyl acetate	U		1.2	10	µg/Kg-dry	0.8	6/15/2021 15:10
Methyl tert-butyl ether	U		0.61	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Methylcyclohexane	U		1.5	10	µg/Kg-dry	0.8	6/15/2021 15:10
Methylene chloride	U		6.2	10	µg/Kg-dry	0.8	6/15/2021 15:10
o-Xylene	U		1.2	2.5	µg/Kg-dry	0.8	6/15/2021 15:10
Styrene	U		0.76	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Tetrachloroethene	U		0.90	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Toluene	U		0.87	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
trans-1,2-Dichloroethene	U		0.50	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
trans-1,3-Dichloropropene	U		0.48	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Trichloroethene	U		0.73	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Trichlorofluoromethane	U		0.72	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Vinyl chloride	U		0.71	5.0	µg/Kg-dry	0.8	6/15/2021 15:10
Surr: 1,2-Dichloroethane-d4	*116*			*83-132*	*%REC*	0.8	6/15/2021 15:10
Surr: 4-Bromofluorobenzene	*101*			*83-111*	*%REC*	0.8	6/15/2021 15:10
Surr: Dibromofluoromethane	*63.5*	S		*77-125*	*%REC*	0.8	6/15/2021 15:10
Surr: Toluene-d8	*101*			*86-108*	*%REC*	0.8	6/15/2021 15:10
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**21**		**0.10**	**0.10**	**% of sample**	1	6/8/2021 16:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank
Collection Date: 6/2/2021

Work Order: 21060422
Lab ID: 21060422-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.79	5.0	µg/Kg	1	6/15/2021 14:04
1,1,2,2-Tetrachloroethane	U		0.64	5.0	µg/Kg	1	6/15/2021 14:04
1,1,2-Trichloroethane	U		0.67	5.0	µg/Kg	1	6/15/2021 14:04
1,1,2-Trichlorotrifluoroethane	U		1.1	5.0	µg/Kg	1	6/15/2021 14:04
1,1-Dichloroethane	U		0.62	5.0	µg/Kg	1	6/15/2021 14:04
1,1-Dichloroethene	U		0.98	5.0	µg/Kg	1	6/15/2021 14:04
1,2,3-Trichlorobenzene	U		1.8	5.0	µg/Kg	1	6/15/2021 14:04
1,2,4-Trichlorobenzene	U		1.1	5.0	µg/Kg	1	6/15/2021 14:04
1,2-Dibromo-3-chloropropane	U		0.99	5.0	µg/Kg	1	6/15/2021 14:04
1,2-Dibromoethane	U		0.36	5.0	µg/Kg	1	6/15/2021 14:04
1,2-Dichlorobenzene	U		0.70	5.0	µg/Kg	1	6/15/2021 14:04
1,2-Dichloroethane	U		0.56	5.0	µg/Kg	1	6/15/2021 14:04
1,2-Dichloropropane	U		0.44	5.0	µg/Kg	1	6/15/2021 14:04
1,3-Dichlorobenzene	U		0.61	5.0	µg/Kg	1	6/15/2021 14:04
1,4-Dichlorobenzene	U		0.64	5.0	µg/Kg	1	6/15/2021 14:04
2-Butanone	U		5.1	10	µg/Kg	1	6/15/2021 14:04
2-Hexanone	U		1.8	5.0	µg/Kg	1	6/15/2021 14:04
4-Methyl-2-pentanone	U		1.8	5.0	µg/Kg	1	6/15/2021 14:04
Acetone	**7.4**	J	**4.6**	**10**	**µg/Kg**	1	6/15/2021 14:04
Benzene	U		0.52	5.0	µg/Kg	1	6/15/2021 14:04
Bromochloromethane	U		0.54	5.0	µg/Kg	1	6/15/2021 14:04
Bromodichloromethane	U		0.60	5.0	µg/Kg	1	6/15/2021 14:04
Bromoform	U		0.50	5.0	µg/Kg	1	6/15/2021 14:04
Bromomethane	U		2.5	10	µg/Kg	1	6/15/2021 14:04
Carbon disulfide	U		0.59	5.0	µg/Kg	1	6/15/2021 14:04
Carbon tetrachloride	U		1.0	5.0	µg/Kg	1	6/15/2021 14:04
Chlorobenzene	U		0.63	5.0	µg/Kg	1	6/15/2021 14:04
Chloroethane	U		1.9	5.0	µg/Kg	1	6/15/2021 14:04
Chloroform	U		0.82	5.0	µg/Kg	1	6/15/2021 14:04
Chloromethane	U		1.0	10	µg/Kg	1	6/15/2021 14:04
cis-1,2-Dichloroethene	U		0.54	5.0	µg/Kg	1	6/15/2021 14:04
cis-1,3-Dichloropropene	U		0.60	5.0	µg/Kg	1	6/15/2021 14:04
Cyclohexane	U		1.7	10	µg/Kg	1	6/15/2021 14:04
Dibromochloromethane	U		0.51	5.0	µg/Kg	1	6/15/2021 14:04
Dichlorodifluoromethane	U		2.5	10	µg/Kg	1	6/15/2021 14:04
Ethylbenzene	U		0.87	5.0	µg/Kg	1	6/15/2021 14:04
Isopropylbenzene	U		0.85	5.0	µg/Kg	1	6/15/2021 14:04
m,p-Xylene	U		2.2	2.5	µg/Kg	1	6/15/2021 14:04

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank
Collection Date: 6/2/2021

Work Order: 21060422
Lab ID: 21060422-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Methyl acetate	U		1.2	10	µg/Kg	1	6/15/2021 14:04
Methyl tert-butyl ether	U		0.61	5.0	µg/Kg	1	6/15/2021 14:04
Methylcyclohexane	U		1.5	10	µg/Kg	1	6/15/2021 14:04
Methylene chloride	U		6.2	10	µg/Kg	1	6/15/2021 14:04
o-Xylene	U		1.2	2.5	µg/Kg	1	6/15/2021 14:04
Styrene	U		0.75	5.0	µg/Kg	1	6/15/2021 14:04
Tetrachloroethene	U		0.89	5.0	µg/Kg	1	6/15/2021 14:04
Toluene	U		0.86	5.0	µg/Kg	1	6/15/2021 14:04
trans-1,2-Dichloroethene	U		0.50	5.0	µg/Kg	1	6/15/2021 14:04
trans-1,3-Dichloropropene	U		0.48	5.0	µg/Kg	1	6/15/2021 14:04
Trichloroethene	U		0.72	5.0	µg/Kg	1	6/15/2021 14:04
Trichlorofluoromethane	U		0.71	5.0	µg/Kg	1	6/15/2021 14:04
Vinyl chloride	U		0.70	5.0	µg/Kg	1	6/15/2021 14:04
Surr: 1,2-Dichloroethane-d4	*107*			*83-132*	*%REC*	1	6/15/2021 14:04
Surr: 4-Bromofluorobenzene	*103*			*83-111*	*%REC*	1	6/15/2021 14:04
Surr: Dibromofluoromethane	*67.2*	S		*77-125*	*%REC*	1	6/15/2021 14:04
Surr: Toluene-d8	*101*			*86-108*	*%REC*	1	6/15/2021 14:04

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10) DUP
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/10/21		Analyst: **MTW**
Mercury	**0.026**		**0.014**	**0.021**	**mg/Kg-dry**	1	6/10/2021 12:48
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/10/21		Analyst: **ABL**
Arsenic	**5.4**		**0.11**	**0.42**	**mg/Kg-dry**	1	6/10/2021 22:06
Barium	**96**		**0.52**	**0.84**	**mg/Kg-dry**	1	6/10/2021 22:06
Cadmium	U		0.14	0.84	mg/Kg-dry	1	6/10/2021 22:06
Chromium	**15**		**0.25**	**0.42**	**mg/Kg-dry**	1	6/10/2021 22:06
Lead	**7.5**		**0.34**	**0.42**	**mg/Kg-dry**	1	6/10/2021 22:06
Selenium	U		0.24	0.84	mg/Kg-dry	1	6/10/2021 22:06
Silver	U		0.20	0.42	mg/Kg-dry	1	6/10/2021 22:06
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**14**	J	**1.9**	**25**	**mg/Kg-dry**	1	6/15/2021 07:37
ORO (C21-C35)	**9.8**	J	**2.1**	**25**	**mg/Kg-dry**	1	6/15/2021 07:37
Surr: 4-Terphenyl-d14	*61.5*			*25-137*	*%REC*	1	6/15/2021 07:37
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/9/21		Analyst: **EEW**
1,1`-Biphenyl	U		29	41	µg/Kg-dry	1	6/11/2021 21:57
1,2,4,5-Tetrachlorobenzene	U		37	210	µg/Kg-dry	1	6/11/2021 21:57
1,4-Dioxane	U		97	210	µg/Kg-dry	1	6/13/2021 01:07
2,2`-Oxybis(1-chloropropane)	U		28	41	µg/Kg-dry	1	6/11/2021 21:57
2,3,4,6-Tetrachlorophenol	U		30	83	µg/Kg-dry	1	6/11/2021 21:57
2,4,5-Trichlorophenol	U		24	41	µg/Kg-dry	1	6/11/2021 21:57
2,4,6-Trichlorophenol	U		11	41	µg/Kg-dry	1	6/11/2021 21:57
2,4-Dichlorophenol	U		22	41	µg/Kg-dry	1	6/11/2021 21:57
2,4-Dimethylphenol	U		21	41	µg/Kg-dry	1	6/11/2021 21:57
2,4-Dinitrophenol	U		74	830	µg/Kg-dry	1	6/11/2021 21:57
2,4-Dinitrotoluene	U		27	41	µg/Kg-dry	1	6/11/2021 21:57
2,6-Dinitrotoluene	U		27	41	µg/Kg-dry	1	6/11/2021 21:57
2-Chloronaphthalene	U		5.8	8.3	µg/Kg-dry	1	6/11/2021 21:57
2-Chlorophenol	U		28	41	µg/Kg-dry	1	6/11/2021 21:57
2-Methylnaphthalene	**5.8**	J	**4.2**	**8.3**	**µg/Kg-dry**	1	6/11/2021 21:57
2-Methylphenol	U		25	41	µg/Kg-dry	1	6/11/2021 21:57
2-Nitroaniline	U		23	41	µg/Kg-dry	1	6/11/2021 21:57
2-Nitrophenol	U		26	41	µg/Kg-dry	1	6/11/2021 21:57
3&4-Methylphenol	U		23	41	µg/Kg-dry	1	6/11/2021 21:57
3,3´-Dichlorobenzidine	U		19	210	µg/Kg-dry	1	6/11/2021 21:57
3-Nitroaniline	U		24	41	µg/Kg-dry	1	6/11/2021 21:57
4,6-Dinitro-2-methylphenol	U		34	41	µg/Kg-dry	1	6/11/2021 21:57

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10) DUP
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		23	41	µg/Kg-dry	1	6/11/2021 21:57
4-Chloro-3-methylphenol	U		30	41	µg/Kg-dry	1	6/11/2021 21:57
4-Chloroaniline	U		21	83	µg/Kg-dry	1	6/11/2021 21:57
4-Chlorophenyl phenyl ether	U		27	41	µg/Kg-dry	1	6/11/2021 21:57
4-Nitroaniline	U		64	210	µg/Kg-dry	1	6/11/2021 21:57
4-Nitrophenol	U		20	210	µg/Kg-dry	1	6/11/2021 21:57
Acenaphthene	U		6.0	8.3	µg/Kg-dry	1	6/11/2021 21:57
Acenaphthylene	U		5.4	8.3	µg/Kg-dry	1	6/11/2021 21:57
Acetophenone	U		26	41	µg/Kg-dry	1	6/11/2021 21:57
Anthracene	U		5.8	8.3	µg/Kg-dry	1	6/11/2021 21:57
Atrazine	U		24	41	µg/Kg-dry	1	6/11/2021 21:57
Benzaldehyde	U		63	83	µg/Kg-dry	1	6/11/2021 21:57
Benzo(a)anthracene	U		7.1	8.3	µg/Kg-dry	1	6/11/2021 21:57
Benzo(a)pyrene	U		5.1	8.3	µg/Kg-dry	1	6/11/2021 21:57
Benzo(b)fluoranthene	U		6.2	8.3	µg/Kg-dry	1	6/11/2021 21:57
Benzo(g,h,i)perylene	U		6.3	8.3	µg/Kg-dry	1	6/11/2021 21:57
Benzo(k)fluoranthene	U		6.3	8.3	µg/Kg-dry	1	6/11/2021 21:57
Bis(2-chloroethoxy)methane	U		26	41	µg/Kg-dry	1	6/11/2021 21:57
Bis(2-chloroethyl)ether	U		29	41	µg/Kg-dry	1	6/11/2021 21:57
Bis(2-ethylhexyl)phthalate	U		34	41	µg/Kg-dry	1	6/11/2021 21:57
Butyl benzyl phthalate	U		52	83	µg/Kg-dry	1	6/11/2021 21:57
Caprolactam	U		64	83	µg/Kg-dry	1	6/11/2021 21:57
Carbazole	U		30	41	µg/Kg-dry	1	6/11/2021 21:57
Chrysene	U		6.7	8.3	µg/Kg-dry	1	6/11/2021 21:57
Dibenzo(a,h)anthracene	U		4.5	8.3	µg/Kg-dry	1	6/11/2021 21:57
Dibenzofuran	U		25	41	µg/Kg-dry	1	6/11/2021 21:57
Diethyl phthalate	U		33	41	µg/Kg-dry	1	6/11/2021 21:57
Dimethyl phthalate	U		31	41	µg/Kg-dry	1	6/11/2021 21:57
Di-n-butyl phthalate	U		25	41	µg/Kg-dry	1	6/11/2021 21:57
Di-n-octyl phthalate	U		36	41	µg/Kg-dry	1	6/11/2021 21:57
Fluoranthene	U		4.0	8.3	µg/Kg-dry	1	6/11/2021 21:57
Fluorene	**8.3**		**6.0**	**8.3**	**µg/Kg-dry**	1	6/11/2021 21:57
Hexachlorobenzene	U		25	41	µg/Kg-dry	1	6/11/2021 21:57
Hexachlorobutadiene	U		32	41	µg/Kg-dry	1	6/11/2021 21:57
Hexachlorocyclopentadiene	U		39	41	µg/Kg-dry	1	6/11/2021 21:57
Hexachloroethane	U		17	41	µg/Kg-dry	1	6/11/2021 21:57
Indeno(1,2,3-cd)pyrene	U		5.7	8.3	µg/Kg-dry	1	6/11/2021 21:57
Isophorone	U		29	210	µg/Kg-dry	1	6/11/2021 21:57
Naphthalene	U		5.3	8.3	µg/Kg-dry	1	6/11/2021 21:57
Nitrobenzene	U		31	210	µg/Kg-dry	1	6/11/2021 21:57

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10) DUP
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		40	41	µg/Kg-dry	1	6/11/2021 21:57
N-Nitrosodiphenylamine	U		24	41	µg/Kg-dry	1	6/11/2021 21:57
Pentachlorophenol	U		33	41	µg/Kg-dry	1	6/11/2021 21:57
Phenanthrene	**11**		**3.8**	**8.3**	**µg/Kg-dry**	1	6/11/2021 21:57
Phenol	U		21	41	µg/Kg-dry	1	6/11/2021 21:57
Pyrene	U		7.8	8.3	µg/Kg-dry	1	6/11/2021 21:57
Surr: 2,4,6-Tribromophenol	*68.6*			*38-92*	*%REC*	1	6/11/2021 21:57
Surr: 2-Fluorobiphenyl	*68.6*			*44-107*	*%REC*	1	6/11/2021 21:57
Surr: 2-Fluorophenol	*79.8*			*37-109*	*%REC*	1	6/11/2021 21:57
Surr: 4-Terphenyl-d14	*74.0*			*52-123*	*%REC*	1	6/11/2021 21:57
Surr: Nitrobenzene-d5	*71.2*			*41-94*	*%REC*	1	6/11/2021 21:57
Surr: Phenol-d6	*86.1*			*28-111*	*%REC*	1	6/11/2021 21:57
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035A / 6/9/21		Analyst: **SJB**
GRO (C6-C10)	**60,000**		**1,600**	**6,400**	**µg/Kg-dry**	1	6/15/2021 07:09
Surr: Toluene-d8	*122*			*70-130*	*%REC*	1	6/15/2021 07:09
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260C**		Prep: SW5035A / 6/9/21		Analyst: **SJB**
1,1,1-Trichloroethane	U		17	38	µg/Kg	1	6/15/2021 07:09
1,1,2,2-Tetrachloroethane	U		17	38	µg/Kg	1	6/15/2021 07:09
1,1,2-Trichloroethane	U		16	38	µg/Kg	1	6/15/2021 07:09
1,1,2-Trichlorotrifluoroethane	U		24	38	µg/Kg	1	6/15/2021 07:09
1,1-Dichloroethane	U		14	38	µg/Kg	1	6/15/2021 07:09
1,1-Dichloroethene	U		12	38	µg/Kg	1	6/15/2021 07:09
1,2,3-Trichlorobenzene	U		46	130	µg/Kg	1	6/15/2021 07:09
1,2,4-Trichlorobenzene	U		43	130	µg/Kg	1	6/15/2021 07:09
1,2-Dibromo-3-chloropropane	U		35	130	µg/Kg	1	6/15/2021 07:09
1,2-Dibromoethane	U		11	38	µg/Kg	1	6/15/2021 07:09
1,2-Dichlorobenzene	U		14	38	µg/Kg	1	6/15/2021 07:09
1,2-Dichloroethane	U		57	130	µg/Kg	1	6/15/2021 07:09
1,2-Dichloropropane	U		28	38	µg/Kg	1	6/15/2021 07:09
1,3-Dichlorobenzene	U		13	38	µg/Kg	1	6/15/2021 07:09
1,4-Dichlorobenzene	U		9.2	38	µg/Kg	1	6/15/2021 07:09
2-Butanone	U		31	250	µg/Kg	1	6/15/2021 07:09
2-Hexanone	U		19	38	µg/Kg	1	6/15/2021 07:09
4-Methyl-2-pentanone	U		36	38	µg/Kg	1	6/15/2021 07:09
Acetone	U		110	130	µg/Kg	1	6/15/2021 07:09
Benzene	U		18	38	µg/Kg	1	6/15/2021 07:09
Bromochloromethane	U		19	38	µg/Kg	1	6/15/2021 07:09
Bromodichloromethane	U		21	38	µg/Kg	1	6/15/2021 07:09
Bromoform	U		16	38	µg/Kg	1	6/15/2021 07:09

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *17-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B2 (8-10) DUP
Collection Date: 6/2/2021 10:30 AM

Work Order: 21060422
Lab ID: 21060422-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		73	130	µg/Kg	1	6/15/2021 07:09
Carbon disulfide	U		20	38	µg/Kg	1	6/15/2021 07:09
Carbon tetrachloride	U		15	38	µg/Kg	1	6/15/2021 07:09
Chlorobenzene	U		13	38	µg/Kg	1	6/15/2021 07:09
Chloroethane	U		38	130	µg/Kg	1	6/15/2021 07:09
Chloroform	U		14	38	µg/Kg	1	6/15/2021 07:09
Chloromethane	U		100	130	µg/Kg	1	6/15/2021 07:09
cis-1,2-Dichloroethene	U		25	38	µg/Kg	1	6/15/2021 07:09
cis-1,3-Dichloropropene	U		29	38	µg/Kg	1	6/15/2021 07:09
Cyclohexane	U		34	130	µg/Kg	1	6/15/2021 07:09
Dibromochloromethane	U		21	38	µg/Kg	1	6/15/2021 07:09
Dichlorodifluoromethane	U		46	130	µg/Kg	1	6/15/2021 07:09
Ethylbenzene	U		8.0	38	µg/Kg	1	6/15/2021 07:09
Isopropylbenzene	**35**	J	**12**	**38**	**µg/Kg**	1	6/15/2021 07:09
m,p-Xylene	U		51	76	µg/Kg	1	6/15/2021 07:09
Methyl acetate	U		46	320	µg/Kg	1	6/15/2021 07:09
Methyl tert-butyl ether	U		11	38	µg/Kg	1	6/15/2021 07:09
Methylcyclohexane	**160**		**15**	**38**	**µg/Kg**	1	6/15/2021 07:09
Methylene chloride	U		100	320	µg/Kg	1	6/15/2021 07:09
o-Xylene	U		15	38	µg/Kg	1	6/15/2021 07:09
Styrene	U		15	38	µg/Kg	1	6/15/2021 07:09
Tetrachloroethene	U		23	38	µg/Kg	1	6/15/2021 07:09
Toluene	U		10	38	µg/Kg	1	6/15/2021 07:09
trans-1,2-Dichloroethene	U		14	38	µg/Kg	1	6/15/2021 07:09
trans-1,3-Dichloropropene	U		21	38	µg/Kg	1	6/15/2021 07:09
Trichloroethene	U		17	38	µg/Kg	1	6/15/2021 07:09
Trichlorofluoromethane	U		20	38	µg/Kg	1	6/15/2021 07:09
Vinyl chloride	U		25	38	µg/Kg	1	6/15/2021 07:09
Surr: 1,2-Dichloroethane-d4	*103*			*70-130*	*%REC*	1	6/15/2021 07:09
Surr: 4-Bromofluorobenzene	*103*			*70-130*	*%REC*	1	6/15/2021 07:09
Surr: Dibromofluoromethane	*99.7*			*70-130*	*%REC*	1	6/15/2021 07:09
Surr: Toluene-d8	*99.9*			*70-130*	*%REC*	1	6/15/2021 07:09
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**20**		**0.10**	**0.10**	**% of sample**	1	6/8/2021 16:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 17-Jun-21

Client: Tetra Tech

QC BATCH REPORT

Work Order: 21060422

Project: Advance Auto Parts (103G65210190.06.03)

Batch ID: **178185** Instrument ID **HG4** Method: **SW7471B**

MBLK Sample ID: **MBLK-178185-178185** Units: **mg/Kg** Analysis Date: **6/10/2021 12:20 PM**

Client ID: Run ID: **HG4_210610A** SeqNo: **7477694** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.01717	0.014	0.020								J

LCS Sample ID: **LCS-178185-178185** Units: **mg/Kg** Analysis Date: **6/10/2021 12:22 PM**

Client ID: Run ID: **HG4_210610A** SeqNo: **7477695** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1817	0.014	0.020	0.167	0	109	80-120	0			

MS Sample ID: **21060594-01AMS** Units: **mg/Kg** Analysis Date: **6/10/2021 01:10 PM**

Client ID: Run ID: **HG4_210610A** SeqNo: **7477733** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.2373	0.012	0.017	0.145	0.08993	102	75-125	0			

MSD Sample ID: **21060594-01AMSD** Units: **mg/Kg** Analysis Date: **6/10/2021 01:12 PM**

Client ID: Run ID: **HG4_210610A** SeqNo: **7477734** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.2428	0.012	0.017	0.144	0.08993	106	75-125	0.2373	2.27	35	

The following samples were analyzed in this batch:

21060422-01C	21060422-02C	21060422-03C
21060422-04C	21060422-05C	21060422-06C
21060422-08C		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178324** Instrument ID **ICP2** Method: **SW6010D**

MBLK Sample ID: **MBLK-178324-178324** Units: **mg/Kg** Analysis Date: **6/10/2021 09:00 PM**
Client ID: Run ID: **ICP2_210610B** SeqNo: **7477703** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.065	0.25								
Barium	U	0.31	0.50								
Cadmium	U	0.081	0.50								
Chromium	U	0.15	0.25								
Lead	U	0.2	0.25								
Selenium	U	0.14	0.50								
Silver	U	0.12	0.25								

LCS Sample ID: **LCS-178324-178324** Units: **mg/Kg** Analysis Date: **6/10/2021 09:05 PM**
Client ID: Run ID: **ICP2_210610B** SeqNo: **7477706** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.75	0.065	0.25	5	0	95	80-120	0			
Barium	5.173	0.31	0.50	5	0	103	80-120	0			
Cadmium	4.935	0.081	0.50	5	0	98.7	80-120	0			
Chromium	5.226	0.15	0.25	5	0	105	80-120	0			
Lead	5.151	0.2	0.25	5	0	103	80-120	0			
Selenium	4.728	0.14	0.50	5	0	94.6	80-120	0			
Silver	4.92	0.12	0.25	5	0	98.4	80-120	0			

MS Sample ID: **21060600-01CMS** Units: **mg/Kg** Analysis Date: **6/10/2021 10:16 PM**
Client ID: Run ID: **ICP2_210610B** SeqNo: **7477757** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.907	0.097	0.37	7.452	0.6094	97.9	75-125	0			
Barium	10.85	0.46	0.75	7.452	2.564	111	75-125	0			
Cadmium	7.305	0.12	0.75	7.452	-0.01697	98.3	75-125	0			
Chromium	9.348	0.22	0.37	7.452	1.37	107	75-125	0			
Lead	8.639	0.3	0.37	7.452	1.286	98.7	75-125	0			
Selenium	6.878	0.21	0.75	7.452	0.02109	92	75-125	0			
Silver	7.414	0.18	0.37	7.452	-0.04695	100	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178324** Instrument ID **ICP2** Method: **SW6010D**

MSD Sample ID: **21060600-01CMSD** Units: **mg/Kg** Analysis Date: **6/10/2021 10:21 PM**

Client ID: Run ID: **ICP2_210610B** SeqNo: **7477761** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.821	0.097	0.37	7.429	0.6094	97.1	75-125	7.907	1.09	20	
Barium	10.8	0.46	0.74	7.429	2.564	111	75-125	10.85	0.474	20	
Cadmium	7.333	0.12	0.74	7.429	-0.01697	98.9	75-125	7.305	0.376	20	
Chromium	9.208	0.22	0.37	7.429	1.37	105	75-125	9.348	1.51	20	
Lead	8.64	0.3	0.37	7.429	1.286	99	75-125	8.639	0.0019	20	
Selenium	7.036	0.21	0.74	7.429	0.02109	94.4	75-125	6.878	2.27	20	
Silver	7.457	0.18	0.37	7.429	-0.04695	101	75-125	7.414	0.577	20	

The following samples were analyzed in this batch:

21060422-01C	21060422-02C	21060422-03C
21060422-04C	21060422-05C	21060422-06C
21060422-08C		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

MBLK Sample ID: **SBLKS1-178246-178246** Units: **µg/Kg** Analysis Date: **6/10/2021 06:20 PM**
Client ID: Run ID: **SVMS8_210610A** SeqNo: **7483387** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	U	23	33								
1,2,4,5-Tetrachlorobenzene	U	30	170								
1,4-Dioxane	U	78	170								
2,2`-Oxybis(1-chloropropane)	U	23	33								
2,3,4,6-Tetrachlorophenol	U	24	67								
2,4,5-Trichlorophenol	U	20	33								
2,4,6-Trichlorophenol	U	8.9	33								
2,4-Dichlorophenol	U	18	33								
2,4-Dimethylphenol	U	17	33								
2,4-Dinitrophenol	U	59	670								
2,4-Dinitrotoluene	U	22	33								
2,6-Dinitrotoluene	U	22	33								
2-Chloronaphthalene	U	4.7	6.7								
2-Chlorophenol	U	22	33								
2-Methylnaphthalene	U	3.4	6.7								
2-Methylphenol	U	20	33								
2-Nitroaniline	U	19	33								
2-Nitrophenol	U	21	33								
3&4-Methylphenol	U	18	33								
3,3´-Dichlorobenzidine	U	16	170								
3-Nitroaniline	U	19	33								
4,6-Dinitro-2-methylphenol	U	28	33								
4-Bromophenyl phenyl ether	U	18	33								
4-Chloro-3-methylphenol	U	25	33								
4-Chloroaniline	U	17	67								
4-Chlorophenyl phenyl ether	U	22	33								
4-Nitroaniline	U	52	170								
4-Nitrophenol	U	16	170								
Acenaphthene	U	4.8	6.7								
Acenaphthylene	U	4.3	6.7								
Acetophenone	U	21	33								
Anthracene	U	4.7	6.7								
Atrazine	U	20	33								
Benzaldehyde	U	51	67								
Benzo(a)anthracene	U	5.8	6.7								
Benzo(a)pyrene	U	4.1	6.7								
Benzo(b)fluoranthene	U	5	6.7								
Benzo(g,h,i)perylene	U	5.1	6.7								
Benzo(k)fluoranthene	U	5	6.7								
Bis(2-chloroethoxy)methane	U	21	33								
Bis(2-chloroethyl)ether	U	24	33								
Bis(2-ethylhexyl)phthalate	U	28	33								
Butyl benzyl phthalate	U	42	67								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

Caprolactam	U	51	67					
Carbazole	U	24	33					
Chrysene	U	5.4	6.7					
Dibenzo(a,h)anthracene	U	3.6	6.7					
Dibenzofuran	U	21	33					
Diethyl phthalate	U	26	33					
Dimethyl phthalate	U	25	33					
Di-n-butyl phthalate	U	20	33					
Di-n-octyl phthalate	U	29	33					
Fluoranthene	U	3.2	6.7					
Fluorene	U	4.8	6.7					
Hexachlorobenzene	U	21	33					
Hexachlorobutadiene	U	26	33					
Hexachlorocyclopentadiene	U	32	33					
Hexachloroethane	U	14	33					
Indeno(1,2,3-cd)pyrene	U	4.6	6.7					
Isophorone	U	24	170					
Naphthalene	U	4.3	6.7					
Nitrobenzene	U	25	170					
N-Nitrosodi-n-propylamine	U	32	33					
N-Nitrosodiphenylamine	U	19	33					
Pentachlorophenol	U	26	33					
Phenanthrene	U	3.1	6.7					
Phenol	U	17	33					
Pyrene	U	6.3	6.7					
Surr: 2,4,6-Tribromophenol	*2649*	0	0	*3333*	0	*79.5*	*38-92*	0
Surr: 2-Fluorobiphenyl	*2871*	0	0	*3333*	0	*86.1*	*44-107*	0
Surr: 2-Fluorophenol	*2627*	0	0	*3333*	0	*78.8*	*37-109*	0
Surr: 4-Terphenyl-d14	*3373*	0	0	*3333*	0	*101*	*52-123*	0
Surr: Nitrobenzene-d5	*2593*	0	0	*3333*	0	*77.8*	*41-94*	0
Surr: Phenol-d6	*2817*	0	0	*3333*	0	*84.5*	*28-111*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

LCS Sample ID: **SLCSS1-178246-178246** Units: **µg/Kg** Analysis Date: **6/10/2021 06:42 PM**
Client ID: Run ID: **SVMS8_210610A** SeqNo: **7483388** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	1147	23	33	1333	0	86.1	53-97	0			
1,2,4,5-Tetrachlorobenzene	1157	30	170	1333	0	86.8	51-96	0			
2,2`-Oxybis(1-chloropropane)	973.3	23	33	1333	0	73	47-107	0			
2,3,4,6-Tetrachlorophenol	990	24	67	1333	0	74.3	51-110	0			
2,4,5-Trichlorophenol	1061	20	33	1333	0	79.6	52-111	0			
2,4,6-Trichlorophenol	1131	8.9	33	1333	0	84.8	46-105	0			
2,4-Dichlorophenol	1114	18	33	1333	0	83.6	47-96	0			
2,4-Dimethylphenol	1052	17	33	1333	0	78.9	49-97	0			
2,4-Dinitrophenol	727.3	59	670	1333	0	54.6	10-106	0			
2,4-Dinitrotoluene	1127	22	33	1333	0	84.5	58-110	0			
2,6-Dinitrotoluene	1153	22	33	1333	0	86.5	59-108	0			
2-Chloronaphthalene	1164	4.7	6.7	1333	0	87.3	56-104	0			
2-Chlorophenol	1099	22	33	1333	0	82.5	50-104	0			
2-Methylnaphthalene	1141	3.4	6.7	1333	0	85.6	54-96	0			
2-Methylphenol	1125	20	33	1333	0	84.4	49-105	0			
2-Nitroaniline	1056	19	33	1333	0	79.2	54-107	0			
2-Nitrophenol	1174	21	33	1333	0	88.1	51-94	0			
3&4-Methylphenol	1111	18	33	1333	0	83.4	48-105	0			
3,3´-Dichlorobenzidine	837.3	16	170	1333	0	62.8	39-99	0			
3-Nitroaniline	955.3	19	33	1333	0	71.7	17-92	0			
4,6-Dinitro-2-methylphenol	1039	28	33	1333	0	77.9	32-103	0			
4-Bromophenyl phenyl ether	1334	18	33	1333	0	100	60-106	0			
4-Chloro-3-methylphenol	1092	25	33	1333	0	81.9	51-101	0			
4-Chloroaniline	690.7	17	67	1333	0	51.8	27-110	0			
4-Chlorophenyl phenyl ether	1195	22	33	1333	0	89.6	58-106	0			
4-Nitroaniline	973.3	52	170	1333	0	73	21-100	0			
4-Nitrophenol	833.3	16	170	1333	0	62.5	29-120	0			
Acenaphthene	1156	4.8	6.7	1333	0	86.7	55-101	0			
Acenaphthylene	1119	4.3	6.7	1333	0	83.9	59-106	0			
Acetophenone	1080	21	33	1333	0	81	51-100	0			
Anthracene	1207	4.7	6.7	1333	0	90.5	67-105	0			
Atrazine	1059	20	33	1333	0	79.5	45-125	0			
Benzaldehyde	1057	51	67	1333	0	79.3	10-120	0			
Benzo(a)anthracene	1176	5.8	6.7	1333	0	88.2	68-105	0			
Benzo(a)pyrene	1163	4.1	6.7	1333	0	87.2	68-110	0			
Benzo(b)fluoranthene	1190	5	6.7	1333	0	89.3	65-110	0			
Benzo(g,h,i)perylene	1105	5.1	6.7	1333	0	82.9	60-120	0			
Benzo(k)fluoranthene	1228	5	6.7	1333	0	92.1	66-113	0			
Bis(2-chloroethoxy)methane	1132	21	33	1333	0	84.9	53-96	0			
Bis(2-chloroethyl)ether	1113	24	33	1333	0	83.5	47-108	0			
Bis(2-ethylhexyl)phthalate	1196	28	33	1333	0	89.7	59-117	0			
Butyl benzyl phthalate	1159	42	67	1333	0	86.9	59-106	0			
Caprolactam	859.3	51	67	1333	0	64.5	42-105	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

Carbazole	1093	24	33	1333	0	82	67-108	0	
Chrysene	1173	5.4	6.7	1333	0	88	68-108	0	
Dibenzo(a,h)anthracene	1125	3.6	6.7	1333	0	84.4	62-119	0	
Dibenzofuran	1161	21	33	1333	0	87.1	60-104	0	
Diethyl phthalate	1109	26	33	1333	0	83.2	62-111	0	
Dimethyl phthalate	1126	25	33	1333	0	84.5	62-106	0	
Di-n-butyl phthalate	1160	20	33	1333	0	87	59-105	0	
Di-n-octyl phthalate	1230	29	33	1333	0	92.3	51-123	0	
Fluoranthene	1107	3.2	6.7	1333	0	83	67-106	0	
Fluorene	1137	4.8	6.7	1333	0	85.3	59-107	0	
Hexachlorobenzene	1275	21	33	1333	0	95.6	62-103	0	
Hexachlorobutadiene	1229	26	33	1333	0	92.2	51-94	0	
Hexachlorocyclopentadiene	1311	32	33	1333	0	98.4	25-120	0	
Hexachloroethane	1105	14	33	1333	0	82.9	55-93	0	
Indeno(1,2,3-cd)pyrene	1098	4.6	6.7	1333	0	82.4	56-120	0	
Isophorone	1063	24	170	1333	0	79.7	52-99	0	
Naphthalene	1134	4.3	6.7	1333	0	85.1	46-98	0	
Nitrobenzene	1121	25	170	1333	0	84.1	53-95	0	
N-Nitrosodi-n-propylamine	1068	32	33	1333	0	80.1	50-104	0	
N-Nitrosodiphenylamine	1231	19	33	1333	0	92.3	63-107	0	
Pentachlorophenol	886	26	33	1333	0	66.5	34-106	0	
Phenanthrene	1198	3.1	6.7	1333	0	89.9	66-101	0	
Phenol	1095	17	33	1333	0	82.2	44-109	0	
Pyrene	1347	6.3	6.7	1333	0	101	60-119	0	
Surr: 2,4,6-Tribromophenol	*3111*	0	0	*3333*	0	*93.3*	*38-92*	0	*S*
Surr: 2-Fluorobiphenyl	*2882*	0	0	*3333*	0	*86.5*	*44-107*	0	
Surr: 2-Fluorophenol	*2767*	0	0	*3333*	0	*83*	*37-109*	0	
Surr: 4-Terphenyl-d14	*3287*	0	0	*3333*	0	*98.6*	*52-123*	0	
Surr: Nitrobenzene-d5	*2818*	0	0	*3333*	0	*84.5*	*41-94*	0	
Surr: Phenol-d6	*2923*	0	0	*3333*	0	*87.7*	*28-111*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

MS Sample ID: **21060600-02C MS** Units: **µg/Kg** Analysis Date: **6/10/2021 11:48 PM**
Client ID: Run ID: **SVMS8_210610A** SeqNo: **7483389** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	1117	23	33	1329	0	84	53-97	0			
1,2,4,5-Tetrachlorobenzene	1157	30	170	1329	0	87.1	51-96	0			
2,2`-Oxybis(1-chloropropane)	989.2	23	33	1329	0	74.4	47-107	0			
2,3,4,6-Tetrachlorophenol	880.8	24	67	1329	0	66.3	51-110	0			
2,4,5-Trichlorophenol	1127	20	33	1329	0	84.8	52-111	0			
2,4,6-Trichlorophenol	1107	8.8	33	1329	0	83.3	46-105	0			
2,4-Dichlorophenol	1164	18	33	1329	0	87.6	47-96	0			
2,4-Dimethylphenol	1107	17	33	1329	0	83.3	49-97	0			
2,4-Dinitrophenol	U	59	670	1329	0	0	10-106	0			S
2,4-Dinitrotoluene	1088	22	33	1329	0	81.9	58-110	0			
2,6-Dinitrotoluene	1129	22	33	1329	0	84.9	59-108	0			
2-Chloronaphthalene	1182	4.6	6.7	1329	0	88.9	56-104	0			
2-Chlorophenol	1109	22	33	1329	0	83.5	50-104	0			
2-Methylnaphthalene	1125	3.4	6.7	1329	0	84.7	54-96	0			
2-Methylphenol	1090	20	33	1329	0	82	49-105	0			
2-Nitroaniline	1050	18	33	1329	0	79	54-107	0			
2-Nitrophenol	1211	21	33	1329	0	91.1	51-94	0			
3&4-Methylphenol	1082	18	33	1329	0	81.4	48-105	0			
3,3´-Dichlorobenzidine	752.5	16	170	1329	0	56.6	39-99	0			
3-Nitroaniline	940.6	19	33	1329	0	70.8	17-92	0			
4,6-Dinitro-2-methylphenol	305.8	28	33	1329	0	23	32-103	0			S
4-Bromophenyl phenyl ether	1289	18	33	1329	0	97	60-106	0			
4-Chloro-3-methylphenol	1083	24	33	1329	0	81.5	51-101	0			
4-Chloroaniline	827	17	67	1329	0	62.2	27-110	0			
4-Chlorophenyl phenyl ether	1149	22	33	1329	0	86.4	58-106	0			
4-Nitroaniline	888.1	52	170	1329	0	66.8	21-100	0			
4-Nitrophenol	433.4	16	170	1329	0	32.6	29-120	0			
Acenaphthene	1125	4.8	6.7	1329	0	84.7	55-101	0			
Acenaphthylene	1109	4.3	6.7	1329	0	83.4	59-106	0			
Acetophenone	1054	21	33	1329	0	79.3	51-100	0			
Anthracene	1169	4.7	6.7	1329	0	87.9	67-105	0			
Atrazine	1066	19	33	1329	0	80.2	45-125	0			
Benzaldehyde	1040	51	67	1329	0	78.3	10-120	0			
Benzo(a)anthracene	1111	5.7	6.7	1329	0	83.6	68-105	0			
Benzo(a)pyrene	1127	4.1	6.7	1329	0	84.8	68-110	0			
Benzo(b)fluoranthene	1147	5	6.7	1329	0	86.3	65-110	0			
Benzo(g,h,i)perylene	1178	5.1	6.7	1329	0	88.6	60-120	0			
Benzo(k)fluoranthene	1109	5	6.7	1329	0	83.4	66-113	0			
Bis(2-chloroethoxy)methane	1142	21	33	1329	0	85.9	53-96	0			
Bis(2-chloroethyl)ether	1135	24	33	1329	0	85.4	47-108	0			
Bis(2-ethylhexyl)phthalate	1204	27	33	1329	0	90.6	59-117	0			
Butyl benzyl phthalate	1187	42	67	1329	0	89.3	59-106	0			
Caprolactam	891.4	51	67	1329	0	67.1	42-105	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

Carbazole	1085	24	33	1329	0	81.6	67-108	0	
Chrysene	1113	5.4	6.7	1329	0	83.8	68-108	0	
Dibenzo(a,h)anthracene	1167	3.6	6.7	1329	0	87.8	62-119	0	
Dibenzofuran	1136	21	33	1329	0	85.5	60-104	0	
Diethyl phthalate	1125	26	33	1329	0	84.6	62-111	0	
Dimethyl phthalate	1133	25	33	1329	0	85.2	62-106	0	
Di-n-butyl phthalate	1147	20	33	1329	0	86.3	59-105	0	
Di-n-octyl phthalate	1243	29	33	1329	0	93.5	51-123	0	
Fluoranthene	1088	3.2	6.7	1329	0	81.8	67-106	0	
Fluorene	1117	4.8	6.7	1329	0	84	59-107	0	
Hexachlorobenzene	1235	20	33	1329	0	92.9	62-103	0	
Hexachlorobutadiene	1239	26	33	1329	0	93.2	51-94	0	
Hexachlorocyclopentadiene	1158	32	33	1329	0	87.1	25-120	0	
Hexachloroethane	1141	14	33	1329	0	85.8	55-93	0	
Indeno(1,2,3-cd)pyrene	1170	4.6	6.7	1329	0	88	56-120	0	
Isophorone	1073	24	170	1329	0	80.7	52-99	0	
Naphthalene	1141	4.2	6.7	1329	0	85.9	46-98	0	
Nitrobenzene	1150	25	170	1329	0	86.5	53-95	0	
N-Nitrosodi-n-propylamine	1060	32	33	1329	0	79.8	50-104	0	
N-Nitrosodiphenylamine	1216	19	33	1329	0	91.5	63-107	0	
Pentachlorophenol	767.8	26	33	1329	0	57.8	34-106	0	
Phenanthrene	1157	3.1	6.7	1329	0	87	66-101	0	
Phenol	1068	17	33	1329	0	80.3	44-109	0	
Pyrene	1250	6.3	6.7	1329	0	94.1	60-119	0	
Surr: 2,4,6-Tribromophenol	*3159*	0	0	*3323*	0	*95*	*38-92*	0	*S*
Surr: 2-Fluorobiphenyl	*2928*	0	0	*3323*	0	*88.1*	*44-107*	0	
Surr: 2-Fluorophenol	*2786*	0	0	*3323*	0	*83.8*	*37-109*	0	
Surr: 4-Terphenyl-d14	*3088*	0	0	*3323*	0	*92.9*	*52-123*	0	
Surr: Nitrobenzene-d5	*2883*	0	0	*3323*	0	*86.7*	*41-94*	0	
Surr: Phenol-d6	*2844*	0	0	*3323*	0	*85.6*	*28-111*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

MSD Sample ID: **21060600-02C MSD** Units: **µg/Kg** Analysis Date: **6/11/2021 12:10 AM**
Client ID: Run ID: **SVMS8_210610A** SeqNo: **7483390** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	1038	23	32	1302	0	79.7	53-97	1117	7.3	30	
1,2,4,5-Tetrachlorobenzene	1035	29	160	1302	0	79.5	51-96	1157	11.2	30	
2,2`-Oxybis(1-chloropropane)	877.9	22	32	1302	0	67.4	47-107	989.2	11.9	30	
2,3,4,6-Tetrachlorophenol	816.1	24	65	1302	0	62.7	51-110	880.8	7.63	30	
2,4,5-Trichlorophenol	1051	19	32	1302	0	80.7	52-111	1127	7.06	30	
2,4,6-Trichlorophenol	1014	8.7	32	1302	0	77.9	46-105	1107	8.75	30	
2,4-Dichlorophenol	1054	18	32	1302	0	80.9	47-96	1164	9.94	30	
2,4-Dimethylphenol	1024	17	32	1302	0	78.6	49-97	1107	7.85	30	
2,4-Dinitrophenol	137.4	58	650	1302	0	10.6	10-106	0	0	30	J
2,4-Dinitrotoluene	982.8	21	32	1302	0	75.5	58-110	1088	10.2	30	
2,6-Dinitrotoluene	1051	21	32	1302	0	80.7	59-108	1129	7.18	30	
2-Chloronaphthalene	1089	4.6	6.5	1302	0	83.6	56-104	1182	8.19	30	
2-Chlorophenol	980.2	22	32	1302	0	75.3	50-104	1109	12.4	30	
2-Methylnaphthalene	1023	3.3	6.5	1302	0	78.5	54-96	1125	9.58	30	
2-Methylphenol	989.3	20	32	1302	0	76	49-105	1090	9.7	30	
2-Nitroaniline	962.6	18	32	1302	0	73.9	54-107	1050	8.71	30	
2-Nitrophenol	1069	21	32	1302	0	82.1	51-94	1211	12.4	30	
3&4-Methylphenol	984.8	18	32	1302	0	75.6	48-105	1082	9.43	30	
3,3´-Dichlorobenzidine	693	15	160	1302	0	53.2	39-99	752.5	8.24	30	
3-Nitroaniline	844.1	19	32	1302	0	64.8	17-92	940.6	10.8	30	
4,6-Dinitro-2-methylphenol	295.7	27	32	1302	0	22.7	32-103	305.8	3.36	30	S
4-Bromophenyl phenyl ether	1221	18	32	1302	0	93.7	60-106	1289	5.45	30	
4-Chloro-3-methylphenol	1006	24	32	1302	0	77.2	51-101	1083	7.4	30	
4-Chloroaniline	717.7	17	65	1302	0	55.1	27-110	827	14.1	30	
4-Chlorophenyl phenyl ether	1089	21	32	1302	0	83.6	58-106	1149	5.34	30	
4-Nitroaniline	810.2	51	160	1302	0	62.2	21-100	888.1	9.17	30	
4-Nitrophenol	554.9	16	160	1302	0	42.6	29-120	433.4	24.6	30	
Acenaphthene	1034	4.7	6.5	1302	0	79.4	55-101	1125	8.51	30	
Acenaphthylene	1007	4.2	6.5	1302	0	77.3	59-106	1109	9.63	30	
Acetophenone	943.1	21	32	1302	0	72.4	51-100	1054	11.1	30	
Anthracene	1101	4.6	6.5	1302	0	84.6	67-105	1169	5.93	30	
Atrazine	982.8	19	32	1302	0	75.5	45-125	1066	8.15	30	
Benzaldehyde	931.4	50	65	1302	0	71.5	10-120	1040	11.1	30	
Benzo(a)anthracene	1055	5.6	6.5	1302	0	81	68-105	1111	5.15	30	
Benzo(a)pyrene	1079	4	6.5	1302	0	82.8	68-110	1127	4.37	30	
Benzo(b)fluoranthene	1077	4.9	6.5	1302	0	82.7	65-110	1147	6.37	30	
Benzo(g,h,i)perylene	1135	5	6.5	1302	0	87.1	60-120	1178	3.75	30	
Benzo(k)fluoranthene	1058	4.9	6.5	1302	0	81.2	66-113	1109	4.72	30	
Bis(2-chloroethoxy)methane	1036	21	32	1302	0	79.6	53-96	1142	9.72	30	
Bis(2-chloroethyl)ether	992.6	23	32	1302	0	76.2	47-108	1135	13.4	30	
Bis(2-ethylhexyl)phthalate	1173	27	32	1302	0	90.1	59-117	1204	2.6	30	
Butyl benzyl phthalate	1133	41	65	1302	0	87	59-106	1187	4.66	30	
Caprolactam	814.1	50	65	1302	0	62.5	42-105	891.4	9.07	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178246** Instrument ID **SVMS8** Method: **SW846 8270D**

Carbazole	1020	24	32	1302	0	78.3	67-108	1085	6.17	30
Chrysene	1084	5.3	6.5	1302	0	83.3	68-108	1113	2.64	30
Dibenzo(a,h)anthracene	1138	3.5	6.5	1302	0	87.4	62-119	1167	2.45	30
Dibenzofuran	1067	20	32	1302	0	81.9	60-104	1136	6.29	30
Diethyl phthalate	1032	26	32	1302	0	79.2	62-111	1125	8.64	30
Dimethyl phthalate	1054	25	32	1302	0	81	62-106	1133	7.16	30
Di-n-butyl phthalate	1067	20	32	1302	0	82	59-105	1147	7.22	30
Di-n-octyl phthalate	1172	28	32	1302	0	90	51-123	1243	5.92	30
Fluoranthene	1024	3.1	6.5	1302	0	78.7	67-106	1088	5.97	30
Fluorene	1056	4.7	6.5	1302	0	81.1	59-107	1117	5.56	30
Hexachlorobenzene	1165	20	32	1302	0	89.4	62-103	1235	5.89	30
Hexachlorobutadiene	1093	25	32	1302	0	83.9	51-94	1239	12.5	30
Hexachlorocyclopentadiene	1037	31	32	1302	0	79.6	25-120	1158	11	30
Hexachloroethane	999.1	13	32	1302	0	76.7	55-93	1141	13.2	30
Indeno(1,2,3-cd)pyrene	1137	4.5	6.5	1302	0	87.3	56-120	1170	2.9	30
Isophorone	966.5	23	160	1302	0	74.2	52-99	1073	10.4	30
Naphthalene	1011	4.2	6.5	1302	0	77.7	46-98	1141	12.1	30
Nitrobenzene	1015	25	160	1302	0	78	53-95	1150	12.4	30
N-Nitrosodi-n-propylamine	963.9	32	32	1302	0	74	50-104	1060	9.52	30
N-Nitrosodiphenylamine	1148	19	32	1302	0	88.2	63-107	1216	5.72	30
Pentachlorophenol	668.2	26	32	1302	0	51.3	34-106	767.8	13.9	30
Phenanthrene	1105	3	6.5	1302	0	84.8	66-101	1157	4.61	30
Phenol	954.8	16	32	1302	0	73.3	44-109	1068	11.2	30
Pyrene	1225	6.2	6.5	1302	0	94.1	60-119	1250	2.05	30
Surr: 2,4,6-Tribromophenol	*2902*	0	0	*3256*	0	*89.1*	*38-92*	3159	*8.5*	*40*
Surr: 2-Fluorobiphenyl	*2696*	0	0	*3256*	0	*82.8*	*44-107*	2928	*8.27*	*40*
Surr: 2-Fluorophenol	*2453*	0	0	*3256*	0	*75.3*	*37-109*	2786	*12.7*	*40*
Surr: 4-Terphenyl-d14	*3027*	0	0	*3256*	0	*93*	*52-123*	3088	*2*	*40*
Surr: Nitrobenzene-d5	*2450*	0	0	*3256*	0	*75.2*	*41-94*	2883	*16.2*	*40*
Surr: Phenol-d6	*2545*	0	0	*3256*	0	*78.1*	*28-111*	2844	*11.1*	*40*

The following samples were analyzed in this batch:

21060422-01D	21060422-02D	21060422-03D
21060422-04D	21060422-05D	21060422-06D
21060422-08D		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178302** Instrument ID **SVMS9** Method: **SW8270**

MBLK Sample ID: **DBLKS1-178302-178302** Units: **mg/Kg** Analysis Date: **6/15/2021 01:32 AM**
Client ID: Run ID: **SVMS9_210614A** SeqNo: **7492243** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	10.23	1.5	20								J
ORO (C21-C35)	30.1	1.7	20								
Surr: 4-Terphenyl-d14	*2.036*	0	0	*3.333*	0	*61.1*	*25-137*	0			

LCS Sample ID: **DLCSS1-178302-178302** Units: **mg/Kg** Analysis Date: **6/15/2021 02:03 AM**
Client ID: Run ID: **SVMS9_210614A** SeqNo: **7492244** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	270.6	1.5	20	333.3	0	81.2	31-135	0			
ORO (C21-C35)	310.8	1.7	20	333.3	0	93.2	31-135	0			B
Surr: 4-Terphenyl-d14	*2.143*	0	0	*3.333*	0	*64.3*	*25-137*	0			

MS Sample ID: **21060422-01D MS** Units: **mg/Kg** Analysis Date: **6/15/2021 03:34 AM**
Client ID: **9844-B1 (24-26)** Run ID: **SVMS9_210614A** SeqNo: **7492247** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	220.6	1.5	20	326.4	9.212	64.8	31-135	0			
ORO (C21-C35)	267.4	1.6	20	326.4	14.31	77.6	31-135	0			B
Surr: 4-Terphenyl-d14	*1.873*	0	0	*3.264*	0	*57.4*	*25-137*	0			

MSD Sample ID: **21060422-01D MSD** Units: **mg/Kg** Analysis Date: **6/15/2021 04:05 AM**
Client ID: **9844-B1 (24-26)** Run ID: **SVMS9_210614A** SeqNo: **7492248** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	229.8	1.5	20	328.1	9.212	67.2	31-135	220.6	4.07	30	
ORO (C21-C35)	288.8	1.6	20	328.1	14.31	83.7	31-135	267.4	7.69	30	B
Surr: 4-Terphenyl-d14	*1.955*	0	0	*3.281*	0	*59.6*	*25-137*	1.873	*4.29*	*30*	

The following samples were analyzed in this batch:

21060422-01D	21060422-02D	21060422-03D
21060422-04D	21060422-05D	21060422-06D
21060422-08D		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **178227** Instrument ID **VMS9** Method: **SW8260C**

MBLK Sample ID: **MBLK-178227-178227** Units: **µg/Kg-dry** Analysis Date: **6/14/2021 11:22 AM**
Client ID: Run ID: **VMS9_210614A** SeqNo: **7486729** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	14	30								
1,1,2,2-Tetrachloroethane	U	13	30								
1,1,2-Trichloroethane	U	13	30								
1,1,2-Trichlorotrifluoroethane	U	19	30								
1,1-Dichloroethane	U	11	30								
1,1-Dichloroethene	U	9.7	30								
1,2,3-Trichlorobenzene	U	36	100								
1,2,4-Trichlorobenzene	U	34	100								
1,2-Dibromo-3-chloropropane	U	28	100								
1,2-Dibromoethane	U	8.4	30								
1,2-Dichlorobenzene	U	11	30								
1,2-Dichloroethane	U	45	100								
1,2-Dichloropropane	U	22	30								
1,3-Dichlorobenzene	U	10	30								
1,4-Dichlorobenzene	U	7.2	30								
2-Butanone	U	25	200								
2-Hexanone	U	15	30								
4-Methyl-2-pentanone	U	28	30								
Acetone	U	89	100								
Benzene	U	15	30								
Bromochloromethane	U	15	30								
Bromodichloromethane	U	17	30								
Bromoform	U	13	30								
Bromomethane	U	57	100								
Carbon disulfide	U	16	30								
Carbon tetrachloride	U	12	30								
Chlorobenzene	U	10	30								
Chloroethane	U	30	100								
Chloroform	U	11	30								
Chloromethane	U	82	100								
cis-1,2-Dichloroethene	U	19	30								
cis-1,3-Dichloropropene	U	23	30								
Cyclohexane	U	27	100								
Dibromochloromethane	U	17	30								
Dichlorodifluoromethane	U	36	100								
Ethylbenzene	U	6.3	30								
Isopropylbenzene	U	9.2	30								
m,p-Xylene	U	40	60								
Methyl acetate	U	36	250								
Methyl tert-butyl ether	U	8.6	30								
Methylcyclohexane	U	11	30								
Methylene chloride	U	80	250								
o-Xylene	U	12	30								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178227** Instrument ID **VMS9** Method: **SW8260C**

Styrene	U	12	30					
Tetrachloroethene	U	18	30					
Toluene	U	8.2	30					
trans-1,2-Dichloroethene	U	11	30					
trans-1,3-Dichloropropene	U	17	30					
Trichloroethene	U	13	30					
Trichlorofluoromethane	U	15	30					
Vinyl chloride	U	20	30					
Surr: 1,2-Dichloroethane-d4	*1060*	0	0	*1000*	0	*106*	*70-130*	0
Surr: 4-Bromofluorobenzene	*976.5*	0	0	*1000*	0	*97.6*	*70-130*	0
Surr: Dibromofluoromethane	*1045*	0	0	*1000*	0	*104*	*70-130*	0
Surr: Toluene-d8	*1055*	0	0	*1000*	0	*106*	*70-130*	0

MBLK Sample ID: **MBLK-178227-178227** Units: **µg/Kg-dry** Analysis Date: **6/15/2021 04:56 AM**
Client ID: Run ID: **VMS10_210614B** SeqNo: **7487480** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	1200	5,000								
Surr: Toluene-d8	*17.73*	0	0	*20*	0	*88.6*	*70-130*	0			

MBLK Sample ID: **MBLK-178227-178227** Units: **µg/Kg-dry** Analysis Date: **6/15/2021 08:28 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490640** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	1200	5,000	0	0	0		0			
Surr: Toluene-d8	*844*	0	0	*1000*	0	*84.4*	*70-130*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178227** Instrument ID **VMS9** Method: **SW8260C**

LCS	Sample ID: **LCS-178227-178227**				Units: **µg/Kg-dry**			Analysis Date: **6/14/2021 10:36 AM**			
Client ID:		Run ID: **VMS9_210614A**			SeqNo: **7486727**			Prep Date: **6/9/2021**		DF: **1**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1006	14	30	1000	0	101	70-135	0			
1,1,2,2-Tetrachloroethane	987	13	30	1000	0	98.7	55-130	0			
1,1,2-Trichloroethane	1044	13	30	1000	0	104	60-125	0			
1,1-Dichloroethane	1232	11	30	1000	0	123	75-125	0			
1,1-Dichloroethene	1115	9.7	30	1000	0	112	76-148	0			
1,2,3-Trichlorobenzene	947	36	100	1000	0	94.7	60-135	0			
1,2,4-Trichlorobenzene	988	34	100	1000	0	98.8	65-130	0			
1,2-Dibromo-3-chloropropane	836	28	100	1000	0	83.6	40-135	0			
1,2-Dibromoethane	1190	8.4	30	1000	0	119	80-195	0			
1,2-Dichlorobenzene	1026	11	30	1000	0	103	75-120	0			
1,2-Dichloroethane	992	45	100	1000	0	99.2	70-135	0			
1,2-Dichloropropane	1063	22	30	1000	0	106	70-120	0			
1,3-Dichlorobenzene	1013	10	30	1000	0	101	70-125	0			
1,4-Dichlorobenzene	988	7.2	30	1000	0	98.8	70-125	0			
2-Butanone	1035	25	200	1000	0	104	30-160	0			
2-Hexanone	828	15	30	1000	0	82.8	45-145	0			
4-Methyl-2-pentanone	1038	28	30	1000	0	104	74-176	0			
Acetone	1280	89	100	1000	0	128	20-160	0			
Benzene	1018	15	30	1000	0	102	75-125	0			
Bromochloromethane	1187	15	30	1000	0	119	74-134	0			
Bromodichloromethane	1066	17	30	1000	0	107	70-130	0			
Bromoform	951	13	30	1000	0	95.1	55-135	0			
Bromomethane	898	57	100	1000	0	89.8	50-170	0			
Carbon disulfide	1241	16	30	1000	0	124	45-160	0			
Carbon tetrachloride	1004	12	30	1000	0	100	65-135	0			
Chlorobenzene	1052	10	30	1000	0	105	75-125	0			
Chloroethane	1961	30	100	1000	0	196	40-155	0			S
Chloroform	1138	11	30	1000	0	114	66-140	0			
Chloromethane	1226	82	100	1000	0	123	50-144	0			
cis-1,2-Dichloroethene	1159	19	30	1000	0	116	65-125	0			
cis-1,3-Dichloropropene	956	23	30	1000	0	95.6	70-125	0			
Dibromochloromethane	905	17	30	1000	0	90.5	65-135	0			
Dichlorodifluoromethane	1081	36	100	1000	0	108	35-135	0			
Ethylbenzene	1018	6.3	30	1000	0	102	75-125	0			
Isopropylbenzene	1076	9.2	30	1000	0	108	75-130	0			
m,p-Xylene	2151	40	60	2000	0	108	80-125	0			
Methyl tert-butyl ether	1227	8.6	30	1000	0	123	75-125	0			
Methylene chloride	1265	80	250	1000	0	126	55-145	0			
o-Xylene	1072	12	30	1000	0	107	75-125	0			
Styrene	1082	12	30	1000	0	108	80-138	0			
Tetrachloroethene	1010	18	30	1000	0	101	67-167	0			
Toluene	1030	8.2	30	1000	0	103	70-125	0			
trans-1,2-Dichloroethene	1148	11	30	1000	0	115	65-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178227**	Instrument ID **VMS9**				Method: **SW8260C**			
trans-1,3-Dichloropropene	936.5	17	30	1000	0	93.6	59-129	0
Trichloroethene	1006	13	30	1000	0	101	75-125	0
Trichlorofluoromethane	963.5	15	30	1000	0	96.4	25-185	0
Vinyl chloride	1062	20	30	1000	0	106	60-125	0
Surr: 1,2-Dichloroethane-d4	*1016*	0	0	*1000*	0	*102*	*70-130*	0
Surr: 4-Bromofluorobenzene	*1010*	0	0	*1000*	0	*101*	*70-130*	0
Surr: Dibromofluoromethane	*1024*	0	0	*1000*	0	*102*	*70-130*	0
Surr: Toluene-d8	*998.5*	0	0	*1000*	0	*99.8*	*70-130*	0

LCS Sample ID: **LCS-178227-178227** Units: **µg/Kg-dry** Analysis Date: **6/15/2021 03:32 AM**
Client ID: Run ID: **VMS10_210614B** SeqNo: **7487430** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	23030	1200	5,000	25000	0	92.1	70-130	0			
Surr: Toluene-d8	*1010*	0	0	*1000*	0	*101*	*70-130*	0			

LCS Sample ID: **LCS-178227-178227** Units: **µg/Kg-dry** Analysis Date: **6/15/2021 07:04 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490638** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	25890	1200	5,000	25000	0	104	70-130	0			
Surr: Toluene-d8	*1003*	0	0	*1000*	0	*100*	*70-130*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178227** Instrument ID **VMS9** Method: **SW8260C**

MS Sample ID: **21060690-01B MS** Units: **µg/Kg-dry** Analysis Date: **6/14/2021 09:02 PM**

Client ID: Run ID: **VMS11_210614A** SeqNo: **7486629** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	580.1	8.7	19	641.4	0	90.4	70-135	0			
1,1,2,2-Tetrachloroethane	463.4	8.5	19	641.4	0	72.2	55-130	0			
1,1,2-Trichloroethane	547.1	8.2	19	641.4	0	85.3	60-125	0			
1,1-Dichloroethane	638.5	7	19	641.4	0	99.6	75-125	0			
1,1-Dichloroethene	622.1	6.2	19	641.4	0	97	76-148	0			
1,2,3-Trichlorobenzene	453.8	23	64	641.4	0	70.7	60-135	0			
1,2,4-Trichlorobenzene	490	22	64	641.4	0	76.4	65-130	0			
1,2-Dibromo-3-chloropropane	376.5	18	64	641.4	0	58.7	40-135	0			
1,2-Dibromoethane	549	5.4	19	641.4	0	85.6	80-195	0			
1,2-Dichlorobenzene	504.1	7.3	19	641.4	0	78.6	75-120	0			
1,2-Dichloroethane	597.7	29	64	641.4	0	93.2	70-135	0			
1,2-Dichloropropane	587.5	14	19	641.4	0	91.6	70-120	0			
1,3-Dichlorobenzene	516	6.4	19	641.4	0	80.4	70-125	0			
1,4-Dichlorobenzene	518.2	4.6	19	641.4	0	80.8	70-125	0			
2-Butanone	567.6	16	130	641.4	0	88.5	30-160	0			
2-Hexanone	543.6	9.5	19	641.4	0	84.7	45-145	0			
4-Methyl-2-pentanone	601.3	18	19	641.4	0	93.8	74-176	0			
Acetone	806.8	57	64	641.4	153.6	102	20-160	0			
Benzene	589.7	9.3	19	641.4	0	91.9	75-125	0			
Bromochloromethane	630.5	9.8	19	641.4	0	98.3	74-134	0			
Bromodichloromethane	522.1	11	19	641.4	0	81.4	70-130	0			
Bromoform	369.4	8.1	19	641.4	0	57.6	55-135	0			
Bromomethane	169.6	37	64	641.4	0	26.5	50-170	0			S
Carbon disulfide	597.1	10	19	641.4	0	93.1	45-160	0			
Carbon tetrachloride	562.5	7.5	19	641.4	0	87.7	65-135	0			
Chlorobenzene	549.6	6.4	19	641.4	0	85.7	75-125	0			
Chloroethane	460.2	19	64	641.4	0	71.8	40-155	0			
Chloroform	614.1	7	19	641.4	0	95.7	66-140	0			
Chloromethane	490.6	53	64	641.4	0	76.5	50-144	0			
cis-1,2-Dichloroethene	646.2	12	19	641.4	0	101	65-125	0			
cis-1,3-Dichloropropene	529.4	14	19	641.4	0	82.5	70-125	0			
Dibromochloromethane	434.2	11	19	641.4	0	67.7	65-135	0			
Dichlorodifluoromethane	620.5	23	64	641.4	0	96.7	35-135	0			
Ethylbenzene	551.9	4.1	19	641.4	0	86	75-125	0			
Isopropylbenzene	548.7	5.9	19	641.4	0	85.5	75-130	0			
m,p-Xylene	1108	26	38	1283	0	86.4	80-125	0			
Methyl tert-butyl ether	630.1	5.5	19	641.4	0	98.2	75-125	0			
Methylene chloride	659	51	160	641.4	0	103	55-145	0			
o-Xylene	555.7	7.4	19	641.4	0	86.6	75-125	0			
Styrene	547.7	7.6	19	641.4	0	85.4	80-138	0			
Tetrachloroethene	1046	12	19	641.4	49.71	155	67-167	0			
Toluene	542.9	5.3	19	641.4	0	84.6	70-125	0			
trans-1,2-Dichloroethene	632.1	7.1	19	641.4	0	98.5	65-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178227**	Instrument ID **VMS9**			Method: **SW8260C**				
trans-1,3-Dichloropropene	465.9	11	19	641.4	0	72.6	59-129	0
Trichloroethene	630.1	8.6	19	641.4	0	98.2	75-125	0
Trichlorofluoromethane	550.3	9.8	19	641.4	0	85.8	25-185	0
Vinyl chloride	482.9	13	19	641.4	0	75.3	60-125	0
Surr: 1,2-Dichloroethane-d4	*634.3*	0	0	*641.4*	0	*98.9*	*70-130*	0
Surr: 4-Bromofluorobenzene	*675.4*	0	0	*641.4*	0	*105*	*70-130*	0
Surr: Dibromofluoromethane	*632.7*	0	0	*641.4*	0	*98.6*	*70-130*	0
Surr: Toluene-d8	*606.1*	0	0	*641.4*	0	*94.5*	*70-130*	0

MS	Sample ID: **21060690-01B MS**				Units: **µg/Kg-dry**			Analysis Date: **6/15/2021 09:57 AM**			
Client ID:		Run ID: **VMS10_210614B**			SeqNo: **7487449**			Prep Date: **6/9/2021**		DF: **1**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	18320	800	3,200	16030	852.4	109	70-130	0			
Surr: Toluene-d8	*603.2*	0	0	*641.4*	0	*94*	*70-130*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178227** Instrument ID **VMS9** Method: **SW8260C**

MSD Sample ID: **21060690-01B MSD** Units: **µg/Kg-dry** Analysis Date: **6/14/2021 09:25 PM**

Client ID: Run ID: **VMS11_210614A** SeqNo: **7486630** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	597.7	8.7	19	641.4	0	93.2	70-135	580.1	2.99	30	
1,1,2,2-Tetrachloroethane	442.9	8.5	19	641.4	0	69	55-130	463.4	4.53	30	
1,1,2-Trichloroethane	545.8	8.2	19	641.4	0	85.1	60-125	547.1	0.235	30	
1,1-Dichloroethane	634.6	7	19	641.4	0	98.9	75-125	638.5	0.605	30	
1,1-Dichloroethene	618.6	6.2	19	641.4	0	96.4	76-148	622.1	0.569	30	
1,2,3-Trichlorobenzene	434.8	23	64	641.4	0	67.8	60-135	453.8	4.26	30	
1,2,4-Trichlorobenzene	476.9	22	64	641.4	0	74.3	65-130	490	2.72	30	
1,2-Dibromo-3-chloropropane	378.1	18	64	641.4	0	58.9	40-135	376.5	0.425	30	
1,2-Dibromoethane	572.7	5.4	19	641.4	0	89.3	80-195	549	4.23	30	
1,2-Dichlorobenzene	521.1	7.3	19	641.4	0	81.2	75-120	504.1	3.32	30	
1,2-Dichloroethane	617.6	29	64	641.4	0	96.3	70-135	597.7	3.27	30	
1,2-Dichloropropane	624.4	14	19	641.4	0	97.4	70-120	587.5	6.09	30	
1,3-Dichlorobenzene	532	6.4	19	641.4	0	82.9	70-125	516	3.06	30	
1,4-Dichlorobenzene	536.5	4.6	19	641.4	0	83.6	70-125	518.2	3.47	30	
2-Butanone	972	16	130	641.4	0	152	30-160	567.6	52.5	30	R
2-Hexanone	750.1	9.5	19	641.4	0	117	45-145	543.6	31.9	30	R
4-Methyl-2-pentanone	618.6	18	19	641.4	0	96.4	74-176	601.3	2.84	30	
Acetone	1592	57	64	641.4	153.6	224	20-160	806.8	65.4	30	SR
Benzene	619.6	9.3	19	641.4	0	96.6	75-125	589.7	4.93	30	
Bromochloromethane	651.6	9.8	19	641.4	0	102	74-134	630.5	3.3	30	
Bromodichloromethane	540	11	19	641.4	0	84.2	70-130	522.1	3.38	30	
Bromoform	388	8.1	19	641.4	0	60.5	55-135	369.4	4.91	30	
Bromomethane	227	37	64	641.4	0	35.4	50-170	169.6	28.9	30	S
Carbon disulfide	620.2	10	19	641.4	0	96.7	45-160	597.1	3.79	30	
Carbon tetrachloride	573.4	7.5	19	641.4	0	89.4	65-135	562.5	1.92	30	
Chlorobenzene	556.4	6.4	19	641.4	0	86.7	75-125	549.6	1.22	30	
Chloroethane	414.6	19	64	641.4	0	64.6	40-155	460.2	10.4	30	
Chloroform	620.2	7	19	641.4	0	96.7	66-140	614.1	0.987	30	
Chloromethane	484.2	53	64	641.4	0	75.5	50-144	490.6	1.32	30	
cis-1,2-Dichloroethene	634	12	19	641.4	0	98.8	65-125	646.2	1.9	30	
cis-1,3-Dichloropropene	533.9	14	19	641.4	0	83.2	70-125	529.4	0.844	30	
Dibromochloromethane	446.4	11	19	641.4	0	69.6	65-135	434.2	2.77	30	
Dichlorodifluoromethane	599	23	64	641.4	0	93.4	35-135	620.5	3.52	30	
Ethylbenzene	553.5	4.1	19	641.4	0	86.3	75-125	551.9	0.29	30	
Isopropylbenzene	554.1	5.9	19	641.4	0	86.4	75-130	548.7	0.989	30	
m,p-Xylene	1130	26	38	1283	0	88.1	80-125	1108	1.98	30	
Methyl tert-butyl ether	649.1	5.5	19	641.4	0	101	75-125	630.1	2.96	30	
Methylene chloride	670.2	51	160	641.4	0	104	55-145	659	1.69	30	
o-Xylene	561.5	7.4	19	641.4	0	87.5	75-125	555.7	1.03	30	
Styrene	569.2	7.6	19	641.4	0	88.8	80-138	547.7	3.85	30	
Tetrachloroethene	1065	12	19	641.4	49.71	158	67-167	1046	1.82	30	
Toluene	555.4	5.3	19	641.4	0	86.6	70-125	542.9	2.28	30	
trans-1,2-Dichloroethene	634.9	7.1	19	641.4	0	99	65-135	632.1	0.456	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178227**	Instrument ID **VMS9**			Method: **SW8260C**						
trans-1,3-Dichloropropene	477.2	11	19	641.4	0	74.4	59-129	465.9	2.38	30
Trichloroethene	684.3	8.6	19	641.4	0	107	75-125	630.1	8.25	30
Trichlorofluoromethane	547.4	9.8	19	641.4	0	85.3	25-185	550.3	0.526	30
Vinyl chloride	491.3	13	19	641.4	0	76.6	60-125	482.9	1.71	30
Surr: 1,2-Dichloroethane-d4	*642.6*	0	0	*641.4*	0	*100*	*70-130*	634.3	*1.31*	*30*
Surr: 4-Bromofluorobenzene	*675.4*	0	0	*641.4*	0	*105*	*70-130*	675.4	*0*	*30*
Surr: Dibromofluoromethane	*648.7*	0	0	*641.4*	0	*101*	*70-130*	632.7	*2.5*	*30*
Surr: Toluene-d8	*618.3*	0	0	*641.4*	0	*96.4*	*70-130*	606.1	*1.99*	*30*

MSD Sample ID: **21060690-01B MSD** Units: **µg/Kg-dry** Analysis Date: **6/15/2021 10:13 AM**

Client ID: Run ID: **VMS10_210614B** SeqNo: **7487450** Prep Date: **6/9/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	18750	800	3,200	16030	852.4	112	70-130	18320	2.34	30	
Surr: Toluene-d8	*613.1*	0	0	*641.4*	0	*95.6*	*70-130*	603.2	*1.63*	*30*	

The following samples were analyzed in this batch:

21060422-01A 21060422-02A 21060422-03A
21060422-04A 21060422-05A 21060422-06A
21060422-07A 21060422-08A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

MBLK Sample ID: **8V-BLKS1-210615-R319777a** Units: **µg/Kg** Analysis Date: **6/15/2021 12:21 PM**
Client ID: Run ID: **VMS8_210615A** SeqNo: **7490416** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.79	5.0								
1,1,2,2-Tetrachloroethane	U	0.64	5.0								
1,1,2-Trichloroethane	U	0.67	5.0								
1,1,2-Trichlorotrifluoroethane	U	1.1	5.0								
1,1-Dichloroethane	U	0.62	5.0								
1,1-Dichloroethene	U	0.98	5.0								
1,2,3-Trichlorobenzene	U	1.8	5.0								
1,2,4-Trichlorobenzene	U	1.1	5.0								
1,2-Dibromo-3-chloropropane	U	0.99	5.0								
1,2-Dibromoethane	U	0.36	5.0								
1,2-Dichlorobenzene	U	0.7	5.0								
1,2-Dichloroethane	U	0.56	5.0								
1,2-Dichloropropane	U	0.44	5.0								
1,3-Dichlorobenzene	U	0.61	5.0								
1,4-Dichlorobenzene	U	0.64	5.0								
2-Butanone	U	5.1	10								
2-Hexanone	U	1.8	5.0								
4-Methyl-2-pentanone	U	1.8	5.0								
Acetone	U	4.6	10								
Benzene	U	0.52	5.0								
Bromochloromethane	U	0.54	5.0								
Bromodichloromethane	U	0.6	5.0								
Bromoform	U	0.5	5.0								
Bromomethane	U	2.5	10								
Carbon disulfide	U	0.59	5.0								
Carbon tetrachloride	U	1	5.0								
Chlorobenzene	U	0.63	5.0								
Chloroethane	U	1.9	5.0								
Chloroform	U	0.82	5.0								
Chloromethane	U	1	10								
cis-1,2-Dichloroethene	U	0.54	5.0								
cis-1,3-Dichloropropene	U	0.6	5.0								
Cyclohexane	U	1.7	10								
Dibromochloromethane	U	0.51	5.0								
Dichlorodifluoromethane	U	2.5	10								
Ethylbenzene	U	0.87	5.0								
Isopropylbenzene	U	0.85	5.0								
m,p-Xylene	U	2.2	2.5								
Methyl acetate	U	1.2	10								
Methyl tert-butyl ether	U	0.61	5.0								
Methylcyclohexane	U	1.5	10								
Methylene chloride	U	6.2	10								
o-Xylene	U	1.2	2.5								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R319777a**	Instrument ID **VMS8**			Method: **SW8260C**				
Styrene	U	0.75	5.0					
Tetrachloroethene	U	0.89	5.0					
Toluene	U	0.86	5.0					
trans-1,2-Dichloroethene	U	0.5	5.0					
trans-1,3-Dichloropropene	U	0.48	5.0					
Trichloroethene	U	0.72	5.0					
Trichlorofluoromethane	U	0.71	5.0					
Vinyl chloride	U	0.7	5.0					
Surr: 1,2-Dichloroethane-d4	*20.18*	0	0	*20*	0	*101*	*83-132*	0
Surr: 4-Bromofluorobenzene	*20.1*	0	0	*20*	0	*100*	*83-111*	0
Surr: Dibromofluoromethane	*20.39*	0	0	*20*	0	*102*	*77-125*	0
Surr: Toluene-d8	*20.09*	0	0	*20*	0	*100*	*86-108*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

LCS Sample ID: **8V-LCSS1-210615-R319777a** Units: **µg/Kg** Analysis Date: **6/15/2021 11:37 AM**
Client ID: Run ID: **VMS8_210615A** SeqNo: **7490415** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.95	0.79	5.0	20	0	110	73-138	0			
1,1,2,2-Tetrachloroethane	22.24	0.64	5.0	20	0	111	71-126	0			
1,1,2-Trichloroethane	21.64	0.67	5.0	20	0	108	77-123	0			
1,1-Dichloroethane	22.36	0.62	5.0	20	0	112	63-148	0			
1,1-Dichloroethene	22.68	0.98	5.0	20	0	113	67-156	0			
1,2,3-Trichlorobenzene	22.69	1.8	5.0	20	0	113	73-129	0			
1,2,4-Trichlorobenzene	23.11	1.1	5.0	20	0	116	70-132	0			
1,2-Dibromo-3-chloropropane	21.16	0.99	5.0	20	0	106	48-127	0			
1,2-Dibromoethane	21	0.36	5.0	20	0	105	71-144	0			
1,2-Dichlorobenzene	23.67	0.7	5.0	20	0	118	77-127	0			
1,2-Dichloroethane	21.86	0.56	5.0	20	0	109	77-127	0			
1,2-Dichloropropane	23.06	0.44	5.0	20	0	115	74-130	0			
1,3-Dichlorobenzene	20.99	0.61	5.0	20	0	105	75-133	0			
1,4-Dichlorobenzene	23.6	0.64	5.0	20	0	118	74-130	0			
2-Butanone	24.57	5.1	10	20	0	123	55-132	0			
2-Hexanone	24.85	1.8	5.0	20	0	124	55-124	0			S
4-Methyl-2-pentanone	29.9	1.8	5.0	20	0	150	67-159	0			
Acetone	27.19	4.6	10	20	0	136	31-156	0			
Benzene	22.32	0.52	5.0	20	0	112	77-133	0			
Bromochloromethane	20.65	0.54	5.0	20	0	103	72-139	0			
Bromodichloromethane	20.83	0.6	5.0	20	0	104	69-133	0			
Bromoform	18.13	0.5	5.0	20	0	90.6	55-126	0			
Bromomethane	18.42	2.5	10	20	0	92.1	31-174	0			
Carbon disulfide	22.41	0.59	5.0	20	0	112	45-160	0			
Carbon tetrachloride	21.57	1	5.0	20	0	108	69-140	0			
Chlorobenzene	23.47	0.63	5.0	20	0	117	76-130	0			
Chloroethane	14.81	1.9	5.0	20	0	74	53-150	0			
Chloroform	21.74	0.82	5.0	20	0	109	72-132	0			
Chloromethane	14.69	1	10	20	0	73.4	43-150	0			
cis-1,2-Dichloroethene	22.73	0.54	5.0	20	0	114	74-134	0			
cis-1,3-Dichloropropene	20.68	0.6	5.0	20	0	103	62-134	0			
Dibromochloromethane	19.43	0.51	5.0	20	0	97.2	57-118	0			
Dichlorodifluoromethane	15.26	2.5	10	20	0	76.3	43-126	0			
Ethylbenzene	20.94	0.87	5.0	20	0	105	75-133	0			
Isopropylbenzene	20.88	0.85	5.0	20	0	104	74-137	0			
m,p-Xylene	42.52	2.2	2.5	40	0	106	75-134	0			
Methyl tert-butyl ether	23.88	0.61	5.0	20	0	119	62-136	0			
Methylene chloride	21.76	6.2	10	20	0	109	55-157	0			
o-Xylene	21.13	1.2	2.5	20	0	106	76-130	0			
Styrene	20.67	0.75	5.0	20	0	103	72-138	0			
Tetrachloroethene	23.33	0.89	5.0	20	0	117	70-171	0			
Toluene	23.43	0.86	5.0	20	0	117	76-130	0			
trans-1,2-Dichloroethene	22.81	0.5	5.0	20	0	114	65-137	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

trans-1,3-Dichloropropene	21.27	0.48	5.0	20	0	106	58-126	0
Trichloroethene	20.64	0.72	5.0	20	0	103	75-135	0
Trichlorofluoromethane	16.78	0.71	5.0	20	0	83.9	62-136	0
Vinyl chloride	15.47	0.7	5.0	20	0	77.4	57-143	0
Surr: 1,2-Dichloroethane-d4	*19.77*	0	0	*20*	0	*98.8*	*83-132*	0
Surr: 4-Bromofluorobenzene	*19.6*	0	0	*20*	0	*98*	*83-111*	0
Surr: Dibromofluoromethane	*19.4*	0	0	*20*	0	*97*	*77-125*	0
Surr: Toluene-d8	*19.77*	0	0	*20*	0	*98.8*	*86-108*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

MS Sample ID: **21060477-08A MS** Units: **µg/Kg** Analysis Date: **6/15/2021 05:44 PM**
Client ID: Run ID: **VMS8_210615A** SeqNo: **7490432** Prep Date: DF: **0.799**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	13.08	0.63	4.0	15.98	0	81.8	73-138	0			
1,1,2,2-Tetrachloroethane	15.58	0.51	4.0	15.98	0	97.5	71-126	0			
1,1,2-Trichloroethane	13.85	0.54	4.0	15.98	0	86.7	77-123	0			
1,1-Dichloroethane	12.94	0.5	4.0	15.98	0	80.9	63-148	0			
1,1-Dichloroethene	14.08	0.78	4.0	15.98	0	88.1	67-156	0			
1,2,3-Trichlorobenzene	14.92	1.4	4.0	15.98	0	93.3	73-129	0			
1,2,4-Trichlorobenzene	14.87	0.88	4.0	15.98	0	93.1	70-132	0			
1,2-Dibromo-3-chloropropane	15.34	0.79	4.0	15.98	0	96	48-127	0			
1,2-Dibromoethane	13.04	0.29	4.0	15.98	0	81.6	71-144	0			
1,2-Dichlorobenzene	14.28	0.56	4.0	15.98	0	89.3	77-127	0			
1,2-Dichloroethane	13.31	0.45	4.0	15.98	0	83.3	77-127	0			
1,2-Dichloropropane	13.43	0.35	4.0	15.98	0	84.1	74-130	0			
1,3-Dichlorobenzene	12.32	0.49	4.0	15.98	0	77.1	75-133	0			
1,4-Dichlorobenzene	14.34	0.51	4.0	15.98	0	89.7	74-130	0			
2-Butanone	28.08	4.1	8.0	15.98	0	176	55-132	0			S
2-Hexanone	24.73	1.4	4.0	15.98	0	155	55-124	0			S
4-Methyl-2-pentanone	22.62	1.4	4.0	15.98	0	142	67-159	0			
Acetone	58.36	3.7	8.0	15.98	4.484	337	31-156	0			S
Benzene	13.37	0.42	4.0	15.98	0	83.7	77-133	0			
Bromochloromethane	12.54	0.43	4.0	15.98	0	78.5	72-139	0			
Bromodichloromethane	12.48	0.48	4.0	15.98	0	78.1	69-133	0			
Bromoform	11.69	0.4	4.0	15.98	0	73.2	55-126	0			
Bromomethane	12.74	2	8.0	15.98	0	79.7	31-174	0			
Carbon disulfide	13.85	0.47	4.0	15.98	0	86.7	45-160	0			
Carbon tetrachloride	13.18	0.8	4.0	15.98	0	82.4	69-140	0			
Chlorobenzene	13.49	0.5	4.0	15.98	0	84.4	76-130	0			
Chloroethane	10.87	1.5	4.0	15.98	0	68	53-150	0			
Chloroform	12.14	0.66	4.0	15.98	0	75.9	72-132	0			
Chloromethane	10.43	0.8	8.0	15.98	0	65.3	43-150	0			
cis-1,2-Dichloroethene	13.66	0.43	4.0	15.98	0	85.5	74-134	0			
cis-1,3-Dichloropropene	12.45	0.48	4.0	15.98	0	77.9	62-134	0			
Dibromochloromethane	11.88	0.41	4.0	15.98	0	74.3	57-118	0			
Dichlorodifluoromethane	11.67	2	8.0	15.98	0	73.1	43-126	0			
Ethylbenzene	12.34	0.7	4.0	15.98	0	77.2	75-133	0			
Isopropylbenzene	11.99	0.68	4.0	15.98	0	75.1	74-137	0			
m,p-Xylene	25.46	1.8	2.0	31.96	0	79.6	75-134	0			
Methyl tert-butyl ether	13.85	0.49	4.0	15.98	0	86.7	62-136	0			
Methylene chloride	14.34	5	8.0	15.98	0	89.7	55-157	0			
o-Xylene	12.5	0.96	2.0	15.98	0	78.3	76-130	0			
Styrene	12.74	0.6	4.0	15.98	0	79.7	72-138	0			
Tetrachloroethene	15.7	0.71	4.0	15.98	0	98.3	70-171	0			
Toluene	14.13	0.69	4.0	15.98	0	88.4	76-130	0			
trans-1,2-Dichloroethene	13.96	0.4	4.0	15.98	0	87.3	65-137	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

trans-1,3-Dichloropropene	13.24	0.38	4.0	15.98	0	82.8	58-126	0
Trichloroethene	12.16	0.58	4.0	15.98	0	76.1	75-135	0
Trichlorofluoromethane	10.57	0.57	4.0	15.98	0	66.2	62-136	0
Vinyl chloride	11.33	0.56	4.0	15.98	0	70.9	57-143	0
Surr: 1,2-Dichloroethane-d4	*16.94*	0	0	*15.98*	0	*106*	*83-132*	0
Surr: 4-Bromofluorobenzene	*16.17*	0	0	*15.98*	0	*101*	*83-111*	0
Surr: Dibromofluoromethane	*16.64*	0	0	*15.98*	0	*104*	*77-125*	0
Surr: Toluene-d8	*16.09*	0	0	*15.98*	0	*101*	*86-108*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

MSD Sample ID: **21060477-08A MSD** Units: **µg/Kg** Analysis Date: **6/15/2021 06:01 PM**

Client ID: Run ID: **VMS8_210615A** SeqNo: **7490433** Prep Date: DF: **0.789**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	15.01	0.62	3.9	15.78	0	95.2	73-138	13.08	13.8	30	
1,1,2,2-Tetrachloroethane	17.23	0.5	3.9	15.78	0	109	71-126	15.58	10.1	30	
1,1,2-Trichloroethane	15.57	0.53	3.9	15.78	0	98.7	77-123	13.85	11.6	30	
1,1-Dichloroethane	15.18	0.49	3.9	15.78	0	96.2	63-148	12.94	16	30	
1,1-Dichloroethene	17.09	0.77	3.9	15.78	0	108	67-156	14.08	19.3	30	
1,2,3-Trichlorobenzene	17.44	1.4	3.9	15.78	0	111	73-129	14.92	15.6	30	
1,2,4-Trichlorobenzene	17.21	0.87	3.9	15.78	0	109	70-132	14.87	14.6	30	
1,2-Dibromo-3-chloropropane	16.18	0.78	3.9	15.78	0	103	48-127	15.34	5.34	30	
1,2-Dibromoethane	15.41	0.28	3.9	15.78	0	97.7	71-144	13.04	16.7	30	
1,2-Dichlorobenzene	17.55	0.55	3.9	15.78	0	111	77-127	14.28	20.5	30	
1,2-Dichloroethane	15.42	0.44	3.9	15.78	0	97.7	77-127	13.31	14.7	30	
1,2-Dichloropropane	15.6	0.35	3.9	15.78	0	98.8	74-130	13.43	14.9	30	
1,3-Dichlorobenzene	14.77	0.48	3.9	15.78	0	93.6	75-133	12.32	18.1	30	
1,4-Dichlorobenzene	17.23	0.5	3.9	15.78	0	109	74-130	14.34	18.3	30	
2-Butanone	31.7	4	7.9	15.78	0	201	55-132	28.08	12.1	30	S
2-Hexanone	26.04	1.4	3.9	15.78	0	165	55-124	24.73	5.18	30	S
4-Methyl-2-pentanone	24.94	1.4	3.9	15.78	0	158	67-159	22.62	9.76	30	
Acetone	66.67	3.6	7.9	15.78	4.484	394	31-156	58.36	13.3	30	S
Benzene	15.72	0.41	3.9	15.78	0	99.7	77-133	13.37	16.2	30	
Bromochloromethane	14.49	0.43	3.9	15.78	0	91.8	72-139	12.54	14.4	30	
Bromodichloromethane	14.86	0.47	3.9	15.78	0	94.2	69-133	12.48	17.4	30	
Bromoform	13.27	0.39	3.9	15.78	0	84.1	55-126	11.69	12.7	30	
Bromomethane	13.4	2	7.9	15.78	0	84.9	31-174	12.74	5.06	30	
Carbon disulfide	16.7	0.47	3.9	15.78	0	106	45-160	13.85	18.7	30	
Carbon tetrachloride	14.79	0.79	3.9	15.78	0	93.8	69-140	13.18	11.6	30	
Chlorobenzene	16.24	0.5	3.9	15.78	0	103	76-130	13.49	18.5	30	
Chloroethane	10.99	1.5	3.9	15.78	0	69.7	53-150	10.87	1.14	30	
Chloroform	14.64	0.65	3.9	15.78	0	92.8	72-132	12.14	18.7	30	
Chloromethane	11.98	0.79	7.9	15.78	0	75.9	43-150	10.43	13.8	30	
cis-1,2-Dichloroethene	16.39	0.43	3.9	15.78	0	104	74-134	13.66	18.1	30	
cis-1,3-Dichloropropene	14.75	0.47	3.9	15.78	0	93.5	62-134	12.45	17	30	
Dibromochloromethane	13.67	0.4	3.9	15.78	0	86.7	57-118	11.88	14	30	
Dichlorodifluoromethane	13.95	2	7.9	15.78	0	88.4	43-126	11.67	17.8	30	
Ethylbenzene	14.75	0.69	3.9	15.78	0	93.4	75-133	12.34	17.8	30	
Isopropylbenzene	14.71	0.67	3.9	15.78	0	93.2	74-137	11.99	20.4	30	
m,p-Xylene	29.63	1.7	2.0	31.56	0	93.9	75-134	25.46	15.2	30	
Methyl tert-butyl ether	16.73	0.48	3.9	15.78	0	106	62-136	13.85	18.8	30	
Methylene chloride	16.43	4.9	7.9	15.78	0	104	55-157	14.34	13.6	30	
o-Xylene	14.78	0.95	2.0	15.78	0	93.7	76-130	12.5	16.7	30	
Styrene	14.74	0.59	3.9	15.78	0	93.4	72-138	12.74	14.5	30	
Tetrachloroethene	18.87	0.7	3.9	15.78	0	120	70-171	15.7	18.4	30	
Toluene	16.53	0.68	3.9	15.78	0	105	76-130	14.13	15.6	30	
trans-1,2-Dichloroethene	16.12	0.39	3.9	15.78	0	102	65-137	13.96	14.4	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

trans-1,3-Dichloropropene	15.31	0.38	3.9	15.78	0	97.1	58-126	13.24	14.5	30
Trichloroethene	14.01	0.57	3.9	15.78	0	88.8	75-135	12.16	14.2	30
Trichlorofluoromethane	13.42	0.56	3.9	15.78	0	85.1	62-136	10.57	23.8	30
Vinyl chloride	13.01	0.55	3.9	15.78	0	82.4	57-143	11.33	13.8	30
Surr: 1,2-Dichloroethane-d4	*16.32*	0	0	*15.78*	0	*103*	*83-132*	16.94	*3.74*	*30*
Surr: 4-Bromofluorobenzene	*15.61*	0	0	*15.78*	0	*98.9*	*83-111*	16.17	*3.51*	*30*
Surr: Dibromofluoromethane	*15.76*	0	0	*15.78*	0	*99.9*	*77-125*	16.64	*5.38*	*30*
Surr: Toluene-d8	*15.76*	0	0	*15.78*	0	*99.8*	*86-108*	16.09	*2.11*	*30*

The following samples were analyzed in this batch:

21060422-01A 21060422-03A 21060422-06A
21060422-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060422
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319356** Instrument ID **MOIST** Method: **SW3550C**

MBLK Sample ID: **WBLKS-R319356** Units: **% of sample** Analysis Date: **6/8/2021 04:49 PM**
Client ID: Run ID: **MOIST_210608D** SeqNo: **7471593** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	U	0.1	0.10								

LCS Sample ID: **LCS-R319356** Units: **% of sample** Analysis Date: **6/8/2021 04:49 PM**
Client ID: Run ID: **MOIST_210608D** SeqNo: **7471592** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	99.99	0.1	0.10	100	0	100	98-102	0			

DUP Sample ID: **21060422-01B DUP** Units: **% of sample** Analysis Date: **6/8/2021 04:49 PM**
Client ID: **9844-B1 (24-26)** Run ID: **MOIST_210608D** SeqNo: **7471582** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	9.51	0.1	0.10	0	0	0	0-0	9.97	4.72	10	

The following samples were analyzed in this batch:

21060422-01B	21060422-02B	21060422-03B
21060422-04B	21060422-05B	21060422-06B
21060422-08B		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Spring City, PA +1 610 948 4903
South Charleston, WV +1 304 356 3168
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 1

COC ID: 230536

ALS Project Manager: KB

ALS Work Order #: 21060422

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Advanced Auto Parts and Former R Fashions Boutique	A	VOC
Work Order		Project Number	103665210190.06.03	B	SVOC
Company Name	Tetra Tech	Bill To Company	Tetra Tech	C	TPH-GRO
Send Report To	Kaitlyn Mitchell	Invoice Attn	Accounts Payable	D	TPH-ORO
Address	415 Oak Street	Address	415 Oak Street	E	TPH-DRO
				F	RCRA Metals
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G	Mercury
Phone	(816) 412-1755	Phone	(816) 412-1755	H	
Fax	(816) 410-1748	Fax	(816) 410-1748	I	
e-Mail Address	kaitlyn.mitchell@tetratech.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	9844-B1 (24-26)	6/2/21	0935	Soil	7	6	X	X	X	X	X	X	X				
2	9844-B2 (8-10)	6/2/21	1030	Soil	7	6	X	X	X	X	X	X	X				
3	9844-B3 (24-26)	6/2/21	1112	Soil	7	6	X	X	X	X	X	X	X				
4	9844-B4 (8-10)	6/2/21	1150	Soil	7	6	X	X	X	X	X	X	X				
5	9844-B5 (12-14)	6/2/21	1230	Soil	7	6	X	X	X	X	X	X	X				
6	9844-B6 (8-10	6/2/21	1305	Soil	7	6	X	X	X	X	X	X	X				
7	TRIP BLANK	↓				3	X										
8	9844-B2 (8-10) DUP	6/2/21	1030														
9																	
10																	

Sampler(s) Please Print & Sign: Zach Usher

Shipment Method: FedEx

Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:		Date: 6/2/21	Time: 1630	Received by: FedEx	
Relinquished by: FedEx		Date: 6/3/21	Time: 0930	Received by (Laboratory):	
Logged by (Laboratory): KL		Date: 6/4/21	Time: 0750	Checked by (Laboratory): KB	

Notes:

Cooler ID	Cooler Temp.
103	0.6°C

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Group, USA

Sample Receipt Checklist

Client Name: **TETRATECH - MO** Date/Time Received: **03-Jun-21 09:30**

Work Order: **21060422** Received by: **KRW**

Checklist completed by Keith Wierenga (eSignature) 04-Jun-21 (Date) Reviewed by: Ehrland Bosworth (eSignature) 04-Jun-21 (Date)

Matrices: Soil

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	0.6/1.6 C	IR3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	6/4/2021 8:00:38 AM		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

18-Jun-2021

Kaitlyn Mitchell
Tetra Tech
415 Oak Street
Kansas City, MO 64106

Re: **Advance Auto Parts (103G65210190.06.03)** Work Order: **21060477**

Dear Kaitlyn,

ALS Environmental received 8 samples on 04-Jun-2021 09:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 62.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Ehrland Bosworth

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS Group, USA

Date: 18-Jun-21

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Work Order: **21060477**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21060477-01	9846-B1 (24-26)	Soil		6/3/2021 09:35	6/4/2021 09:30	☐
21060477-02	9846-B2 (28-30)	Soil		6/3/2021 10:15	6/4/2021 09:30	☐
21060477-03	9846-B3 (28-30)	Soil		6/3/2021 10:40	6/4/2021 09:30	☐
21060477-04	9846-B4 (27-29)	Soil		6/3/2021 11:15	6/4/2021 09:30	☐
21060477-05	9846-B5 (28-30)	Soil		6/3/2021 13:20	6/4/2021 09:30	☐
21060477-06	9846-B6 (21-23)	Soil		6/3/2021 13:55	6/4/2021 09:30	☐
21060477-07	Trip Blank	Soil		6/3/2021	6/4/2021 09:30	☐
21060477-08	9846-B4 (27-29) DUP	Soil		6/3/2021 11:15	6/4/2021 09:30	☐

Client:	Tetra Tech
Project:	Advance Auto Parts (103G65210190.06.03)
WorkOrder:	**21060477**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
% of sample	Percent of Sample
µg/Kg	Micrograms per Kilogram
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Work Order: 21060477

Case Narrative

Samples for the above noted Work Order were received on 06/04/2021. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:
Batch R319777a, Method SW8260C, Sample Trip Blank (21060477-07A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9846-B1 (24-26) (21060477-01A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9846-B2 (28-30) (21060477-02A): The positive result for Chloromethane in this sample should be considered as probable laboratory contamination due to catalytic breakdown of the adsorbent trapping materials in the presence of high concentrations of methanol.

Batch R319777a, Method SW8260C, Sample 9846-B3 (28-30) (21060477-03A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9846-B4 (27-29) (21060477-04A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9846-B5 (28-30) (21060477-05A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative

used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9846-B6 (21-23) (21060477-06A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 9846-B4 (27-29) DUP (21060477-08A): Surrogate recovery was below the lower control limits due to the Sodium Triphosphate preservative used. Sample results may be biased low.

Batch R319777a, Method SW8260C, Sample 8V-LCSS1-210615: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: 2-Hexanone

Batch R319777a, Method SW8260C, Sample 21060477-08A MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample may be biased high for this analyte: acetone

Batch R319777a, Method SW8260C, Sample 21060477-08A MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: 2-hexanone, 2-butanone

Batch R319777a, Method SW8260C, Sample 21060477-08A MSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample may be biased high for this analyte: acetone

Batch R319777a, Method SW8260C, Sample 21060477-08A MSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary. 2-hexanone, 2-butanone

No other deviations or anomalies were noted.

Extractable Organics:
Batch 178486, Method SW846 8270D, Sample 9846-B2 (28-30) (21060477-02D): One or more base/neutral surrogate recoveries were below the lower control limits. The base/neutral sample results may be biased low.

Batch 178486, Method SW846 8270D, Sample 9846-B3 (28-30) (21060477-03D): One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

Batch 178486, Method SW846 8270D, Sample 9846-B4 (27-29) (21060477-04D): One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

Batch 178486, Method SW846 8270D, Sample 9846-B5 (28-30) (21060477-05D): One or more base/neutral surrogate recoveries were below the lower control limits. The base/neutral sample results may be biased low.

Batch 178486, Method SW846 8270D, Sample 9846-B4 (27-29) DUP (21060477-08D): One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

Batch 178371, Method SW8270, Sample DBLKS1-178371: The concentration in the Method Blank was greater than the quantitation limit. Positive results in the batch may be biased high for this analyte: ORO (C21-C35)

No other deviations or anomalies were noted.

Metals:
Batch 178473, Method SW6010D, Sample 21060477-06CMS: The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: As

Batch 178473, Method SW6010D, Sample 21060477-06CMS: The MS recovery was above the upper control limit. The corresponding result in the parent sample may be biased high for this analyte: Cr

Batch 178473, Method SW6010D, Sample 21060477-06CMS: The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Ba

Batch 178473, Method SW6010D, Sample 21060477-06CMSD: The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: As

Batch 178473, Method SW6010D, Sample 21060477-06CMSD: The MSD recovery was above the upper control limit. The corresponding result in the parent sample may be biased high for this analyte: Cr

Batch 178473, Method SW6010D, Sample 21060477-06CMSD: The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the

spike amount. No qualification is required for this analyte: Ba

Batch 178473, Method SW6010D, Sample 21060477-06CMSD: The MSD recovery was outside of the control limit. However, the MS recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: Se

No other deviations or anomalies were noted.

Wet Chemistry:
No deviations or anomalies were noted.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1 (24-26)
Collection Date: 6/3/2021 09:35 AM

Work Order: 21060477
Lab ID: 21060477-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/14/21		Analyst: **MTW**
Mercury	U		0.013	0.019	mg/Kg-dry	1	6/14/2021 18:41
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/14/21		Analyst: **ABL**
Arsenic	**2.6**		**0.12**	**0.46**	**mg/Kg-dry**	1	6/14/2021 18:59
Barium	**130**		**0.58**	**0.93**	**mg/Kg-dry**	1	6/14/2021 18:59
Cadmium	U		0.15	0.93	mg/Kg-dry	1	6/14/2021 18:59
Chromium	**7.3**		**0.28**	**0.46**	**mg/Kg-dry**	1	6/14/2021 18:59
Lead	**3.5**		**0.37**	**0.46**	**mg/Kg-dry**	1	6/14/2021 18:59
Selenium	U		0.26	0.93	mg/Kg-dry	1	6/14/2021 18:59
Silver	U		0.22	0.46	mg/Kg-dry	1	6/14/2021 18:59
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/11/21		Analyst: **EE**
DRO (C10-C21)	**11**	J	**1.7**	**23**	**mg/Kg-dry**	1	6/15/2021 09:39
ORO (C21-C35)	**5.6**	J	**1.9**	**23**	**mg/Kg-dry**	1	6/15/2021 09:39
Surr: 4-Terphenyl-d14	*61.8*			*25-137*	*%REC*	1	6/15/2021 09:39
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/14/21		Analyst: **EE**
1,1`-Biphenyl	U		26	38	µg/Kg-dry	1	6/16/2021 00:58
1,2,4,5-Tetrachlorobenzene	U		34	190	µg/Kg-dry	1	6/16/2021 00:58
1,4-Dioxane	U		89	190	µg/Kg-dry	1	6/16/2021 00:58
2,2`-Oxybis(1-chloropropane)	U		26	38	µg/Kg-dry	1	6/16/2021 00:58
2,3,4,6-Tetrachlorophenol	U		28	76	µg/Kg-dry	1	6/16/2021 00:58
2,4,5-Trichlorophenol	U		22	38	µg/Kg-dry	1	6/16/2021 00:58
2,4,6-Trichlorophenol	U		10	38	µg/Kg-dry	1	6/16/2021 00:58
2,4-Dichlorophenol	U		20	38	µg/Kg-dry	1	6/16/2021 00:58
2,4-Dimethylphenol	U		19	38	µg/Kg-dry	1	6/16/2021 00:58
2,4-Dinitrophenol	U		68	760	µg/Kg-dry	1	6/16/2021 00:58
2,4-Dinitrotoluene	U		25	38	µg/Kg-dry	1	6/16/2021 00:58
2,6-Dinitrotoluene	U		25	38	µg/Kg-dry	1	6/16/2021 00:58
2-Chloronaphthalene	U		5.3	7.6	µg/Kg-dry	1	6/16/2021 00:58
2-Chlorophenol	U		26	38	µg/Kg-dry	1	6/16/2021 00:58
2-Methylnaphthalene	U		3.9	7.6	µg/Kg-dry	1	6/16/2021 00:58
2-Methylphenol	U		23	38	µg/Kg-dry	1	6/16/2021 00:58
2-Nitroaniline	U		21	38	µg/Kg-dry	1	6/16/2021 00:58
2-Nitrophenol	U		24	38	µg/Kg-dry	1	6/16/2021 00:58
3&4-Methylphenol	U		21	38	µg/Kg-dry	1	6/16/2021 00:58
3,3´-Dichlorobenzidine	U		18	190	µg/Kg-dry	1	6/16/2021 00:58
3-Nitroaniline	U		22	38	µg/Kg-dry	1	6/16/2021 00:58
4,6-Dinitro-2-methylphenol	U		32	38	µg/Kg-dry	1	6/16/2021 00:58

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1 (24-26)
Collection Date: 6/3/2021 09:35 AM

Work Order: 21060477
Lab ID: 21060477-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		21	38	µg/Kg-dry	1	6/16/2021 00:58
4-Chloro-3-methylphenol	U		28	38	µg/Kg-dry	1	6/16/2021 00:58
4-Chloroaniline	U		19	76	µg/Kg-dry	1	6/16/2021 00:58
4-Chlorophenyl phenyl ether	U		25	38	µg/Kg-dry	1	6/16/2021 00:58
4-Nitroaniline	U		59	190	µg/Kg-dry	1	6/16/2021 00:58
4-Nitrophenol	U		18	190	µg/Kg-dry	1	6/16/2021 00:58
Acenaphthene	U		5.5	7.6	µg/Kg-dry	1	6/16/2021 00:58
Acenaphthylene	U		4.9	7.6	µg/Kg-dry	1	6/16/2021 00:58
Acetophenone	U		24	38	µg/Kg-dry	1	6/16/2021 00:58
Anthracene	U		5.3	7.6	µg/Kg-dry	1	6/16/2021 00:58
Atrazine	U		22	38	µg/Kg-dry	1	6/16/2021 00:58
Benzaldehyde	U		58	76	µg/Kg-dry	1	6/16/2021 00:58
Benzo(a)anthracene	**16**		**6.6**	**7.6**	**µg/Kg-dry**	1	6/16/2021 00:58
Benzo(a)pyrene	U		4.7	7.6	µg/Kg-dry	1	6/16/2021 00:58
Benzo(b)fluoranthene	U		5.7	7.6	µg/Kg-dry	1	6/16/2021 00:58
Benzo(g,h,i)perylene	U		5.8	7.6	µg/Kg-dry	1	6/16/2021 00:58
Benzo(k)fluoranthene	U		5.7	7.6	µg/Kg-dry	1	6/16/2021 00:58
Bis(2-chloroethoxy)methane	U		24	38	µg/Kg-dry	1	6/16/2021 00:58
Bis(2-chloroethyl)ether	U		27	38	µg/Kg-dry	1	6/16/2021 00:58
Bis(2-ethylhexyl)phthalate	U		31	38	µg/Kg-dry	1	6/16/2021 00:58
Butyl benzyl phthalate	U		47	76	µg/Kg-dry	1	6/16/2021 00:58
Caprolactam	U		58	76	µg/Kg-dry	1	6/16/2021 00:58
Carbazole	U		27	38	µg/Kg-dry	1	6/16/2021 00:58
Chrysene	**9.9**		**6.1**	**7.6**	**µg/Kg-dry**	1	6/16/2021 00:58
Dibenzo(a,h)anthracene	U		4.1	7.6	µg/Kg-dry	1	6/16/2021 00:58
Dibenzofuran	U		23	38	µg/Kg-dry	1	6/16/2021 00:58
Diethyl phthalate	U		30	38	µg/Kg-dry	1	6/16/2021 00:58
Dimethyl phthalate	U		29	38	µg/Kg-dry	1	6/16/2021 00:58
Di-n-butyl phthalate	U		23	38	µg/Kg-dry	1	6/16/2021 00:58
Di-n-octyl phthalate	U		33	38	µg/Kg-dry	1	6/16/2021 00:58
Fluoranthene	**34**		**3.6**	**7.6**	**µg/Kg-dry**	1	6/16/2021 00:58
Fluorene	U		5.5	7.6	µg/Kg-dry	1	6/16/2021 00:58
Hexachlorobenzene	U		23	38	µg/Kg-dry	1	6/16/2021 00:58
Hexachlorobutadiene	U		29	38	µg/Kg-dry	1	6/16/2021 00:58
Hexachlorocyclopentadiene	U		36	38	µg/Kg-dry	1	6/16/2021 00:58
Hexachloroethane	U		16	38	µg/Kg-dry	1	6/16/2021 00:58
Indeno(1,2,3-cd)pyrene	U		5.3	7.6	µg/Kg-dry	1	6/16/2021 00:58
Isophorone	U		27	190	µg/Kg-dry	1	6/16/2021 00:58
Naphthalene	U		4.8	7.6	µg/Kg-dry	1	6/16/2021 00:58
Nitrobenzene	U		29	190	µg/Kg-dry	1	6/16/2021 00:58

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1 (24-26)
Collection Date: 6/3/2021 09:35 AM

Work Order: 21060477
Lab ID: 21060477-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		37	38	µg/Kg-dry	1	6/16/2021 00:58
N-Nitrosodiphenylamine	U		22	38	µg/Kg-dry	1	6/16/2021 00:58
Pentachlorophenol	U		30	38	µg/Kg-dry	1	6/16/2021 00:58
Phenanthrene	U		3.5	7.6	µg/Kg-dry	1	6/16/2021 00:58
Phenol	U		19	38	µg/Kg-dry	1	6/16/2021 00:58
Pyrene	**24**		**7.2**	**7.6**	**µg/Kg-dry**	1	6/16/2021 00:58
Surr: 2,4,6-Tribromophenol	*69.3*			*38-92*	*%REC*	1	6/16/2021 00:58
Surr: 2-Fluorobiphenyl	*76.8*			*44-107*	*%REC*	1	6/16/2021 00:58
Surr: 2-Fluorophenol	*80.6*			*37-109*	*%REC*	1	6/16/2021 00:58
Surr: 4-Terphenyl-d14	*74.4*			*52-123*	*%REC*	1	6/16/2021 00:58
Surr: Nitrobenzene-d5	*76.8*			*41-94*	*%REC*	1	6/16/2021 00:58
Surr: Phenol-d6	*93.2*			*28-111*	*%REC*	1	6/16/2021 00:58
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/7/21		Analyst: **SJB**
GRO (C6-C10)	**1,500**	J	**1,400**	**5,700**	**µg/Kg-dry**	1	6/15/2021 07:26
Surr: Toluene-d8	*87.3*			*70-130*	*%REC*	1	6/15/2021 07:26
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.72	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,1,2,2-Tetrachloroethane	U		0.58	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,1,2-Trichloroethane	U		0.61	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,1,2-Trichlorotrifluoroethane	U		1.0	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,1-Dichloroethane	U		0.57	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,1-Dichloroethene	U		0.89	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,2,3-Trichlorobenzene	U		1.6	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,2,4-Trichlorobenzene	U		1.0	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,2-Dibromo-3-chloropropane	U		0.90	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,2-Dibromoethane	U		0.33	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,2-Dichlorobenzene	U		0.64	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,2-Dichloroethane	U		0.51	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,2-Dichloropropane	U		0.40	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,3-Dichlorobenzene	U		0.56	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
1,4-Dichlorobenzene	U		0.58	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
2-Butanone	U		4.7	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
2-Hexanone	U		1.6	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
4-Methyl-2-pentanone	U		1.6	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Acetone	**8.0**	J	**4.2**	**9.1**	**µg/Kg-dry**	0.795	6/15/2021 15:26
Benzene	U		0.47	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Bromochloromethane	U		0.49	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Bromodichloromethane	U		0.55	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Bromoform	U		0.46	4.6	µg/Kg-dry	0.795	6/15/2021 15:26

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1 (24-26)
Collection Date: 6/3/2021 09:35 AM

Work Order: 21060477
Lab ID: 21060477-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.3	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
Carbon disulfide	U		0.54	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Carbon tetrachloride	U		0.91	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Chlorobenzene	U		0.58	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Chloroethane	U		1.7	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Chloroform	U		0.75	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Chloromethane	U		0.91	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
cis-1,2-Dichloroethene	U		0.49	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
cis-1,3-Dichloropropene	U		0.55	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Cyclohexane	U		1.6	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
Dibromochloromethane	U		0.47	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Dichlorodifluoromethane	U		2.3	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
Ethylbenzene	U		0.79	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Isopropylbenzene	U		0.78	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
m,p-Xylene	U		2.0	2.3	µg/Kg-dry	0.795	6/15/2021 15:26
Methyl acetate	U		1.1	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
Methyl tert-butyl ether	U		0.56	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Methylcyclohexane	U		1.4	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
Methylene chloride	U		5.7	9.1	µg/Kg-dry	0.795	6/15/2021 15:26
o-Xylene	U		1.1	2.3	µg/Kg-dry	0.795	6/15/2021 15:26
Styrene	U		0.68	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Tetrachloroethene	U		0.81	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Toluene	U		0.79	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
trans-1,2-Dichloroethene	U		0.46	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
trans-1,3-Dichloropropene	U		0.44	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Trichloroethene	U		0.66	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Trichlorofluoromethane	U		0.65	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Vinyl chloride	U		0.64	4.6	µg/Kg-dry	0.795	6/15/2021 15:26
Surr: 1,2-Dichloroethane-d4	*112*			*83-132*	*%REC*	0.795	6/15/2021 15:26
Surr: 4-Bromofluorobenzene	*102*			*83-111*	*%REC*	0.795	6/15/2021 15:26
Surr: Dibromofluoromethane	*50.0*	S		*77-125*	*%REC*	0.795	6/15/2021 15:26
Surr: Toluene-d8	*97.9*			*86-108*	*%REC*	0.795	6/15/2021 15:26
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**13**		**0.10**	**0.10**	**% of sample**	1	6/10/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2 (28-30)
Collection Date: 6/3/2021 10:15 AM

Work Order: 21060477
Lab ID: 21060477-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/14/21		Analyst: **MTW**
Mercury	**0.028**		**0.014**	**0.021**	**mg/Kg-dry**	1	6/15/2021 13:29
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/14/21		Analyst: **ABL**
Arsenic	**7.1**		**0.12**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:14
Barium	**140**		**0.55**	**0.89**	**mg/Kg-dry**	1	6/14/2021 19:14
Cadmium	U		0.14	0.89	mg/Kg-dry	1	6/14/2021 19:14
Chromium	**16**		**0.27**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:14
Lead	**11**		**0.36**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:14
Selenium	U		0.25	0.89	mg/Kg-dry	1	6/14/2021 19:14
Silver	U		0.21	0.45	mg/Kg-dry	1	6/14/2021 19:14
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/11/21		Analyst: **EE**
DRO (C10-C21)	**12**	J	**1.8**	**25**	**mg/Kg-dry**	1	6/15/2021 10:10
ORO (C21-C35)	**5.7**	J	**2.1**	**25**	**mg/Kg-dry**	1	6/15/2021 10:10
Surr: 4-Terphenyl-d14	*64.1*			*25-137*	*%REC*	1	6/15/2021 10:10
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/14/21		Analyst: **EE**
1,1`-Biphenyl	U		29	41	µg/Kg-dry	1	6/16/2021 01:20
1,2,4,5-Tetrachlorobenzene	U		37	210	µg/Kg-dry	1	6/16/2021 01:20
1,4-Dioxane	U		97	210	µg/Kg-dry	1	6/16/2021 01:20
2,2`-Oxybis(1-chloropropane)	U		28	41	µg/Kg-dry	1	6/16/2021 01:20
2,3,4,6-Tetrachlorophenol	U		30	83	µg/Kg-dry	1	6/16/2021 01:20
2,4,5-Trichlorophenol	U		24	41	µg/Kg-dry	1	6/16/2021 01:20
2,4,6-Trichlorophenol	U		11	41	µg/Kg-dry	1	6/16/2021 01:20
2,4-Dichlorophenol	U		22	41	µg/Kg-dry	1	6/16/2021 01:20
2,4-Dimethylphenol	U		21	41	µg/Kg-dry	1	6/16/2021 01:20
2,4-Dinitrophenol	U		74	830	µg/Kg-dry	1	6/16/2021 01:20
2,4-Dinitrotoluene	U		27	41	µg/Kg-dry	1	6/16/2021 01:20
2,6-Dinitrotoluene	U		27	41	µg/Kg-dry	1	6/16/2021 01:20
2-Chloronaphthalene	U		5.8	8.3	µg/Kg-dry	1	6/16/2021 01:20
2-Chlorophenol	U		28	41	µg/Kg-dry	1	6/16/2021 01:20
2-Methylnaphthalene	U		4.2	8.3	µg/Kg-dry	1	6/16/2021 01:20
2-Methylphenol	U		25	41	µg/Kg-dry	1	6/16/2021 01:20
2-Nitroaniline	U		23	41	µg/Kg-dry	1	6/16/2021 01:20
2-Nitrophenol	U		26	41	µg/Kg-dry	1	6/16/2021 01:20
3&4-Methylphenol	U		23	41	µg/Kg-dry	1	6/16/2021 01:20
3,3´-Dichlorobenzidine	U		19	210	µg/Kg-dry	1	6/16/2021 01:20
3-Nitroaniline	U		24	41	µg/Kg-dry	1	6/16/2021 01:20
4,6-Dinitro-2-methylphenol	U		34	41	µg/Kg-dry	1	6/16/2021 01:20

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2 (28-30)
Collection Date: 6/3/2021 10:15 AM

Work Order: 21060477
Lab ID: 21060477-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		23	41	µg/Kg-dry	1	6/16/2021 01:20
4-Chloro-3-methylphenol	U		30	41	µg/Kg-dry	1	6/16/2021 01:20
4-Chloroaniline	U		21	83	µg/Kg-dry	1	6/16/2021 01:20
4-Chlorophenyl phenyl ether	U		27	41	µg/Kg-dry	1	6/16/2021 01:20
4-Nitroaniline	U		64	210	µg/Kg-dry	1	6/16/2021 01:20
4-Nitrophenol	U		20	210	µg/Kg-dry	1	6/16/2021 01:20
Acenaphthene	U		6.0	8.3	µg/Kg-dry	1	6/16/2021 01:20
Acenaphthylene	U		5.4	8.3	µg/Kg-dry	1	6/16/2021 01:20
Acetophenone	U		26	41	µg/Kg-dry	1	6/16/2021 01:20
Anthracene	U		5.8	8.3	µg/Kg-dry	1	6/16/2021 01:20
Atrazine	U		24	41	µg/Kg-dry	1	6/16/2021 01:20
Benzaldehyde	U		63	83	µg/Kg-dry	1	6/16/2021 01:20
Benzo(a)anthracene	U		7.1	8.3	µg/Kg-dry	1	6/16/2021 01:20
Benzo(a)pyrene	U		5.1	8.3	µg/Kg-dry	1	6/16/2021 01:20
Benzo(b)fluoranthene	U		6.2	8.3	µg/Kg-dry	1	6/16/2021 01:20
Benzo(g,h,i)perylene	U		6.3	8.3	µg/Kg-dry	1	6/16/2021 01:20
Benzo(k)fluoranthene	U		6.3	8.3	µg/Kg-dry	1	6/16/2021 01:20
Bis(2-chloroethoxy)methane	U		26	41	µg/Kg-dry	1	6/16/2021 01:20
Bis(2-chloroethyl)ether	U		29	41	µg/Kg-dry	1	6/16/2021 01:20
Bis(2-ethylhexyl)phthalate	U		34	41	µg/Kg-dry	1	6/16/2021 01:20
Butyl benzyl phthalate	U		52	83	µg/Kg-dry	1	6/16/2021 01:20
Caprolactam	U		63	83	µg/Kg-dry	1	6/16/2021 01:20
Carbazole	U		30	41	µg/Kg-dry	1	6/16/2021 01:20
Chrysene	U		6.7	8.3	µg/Kg-dry	1	6/16/2021 01:20
Dibenzo(a,h)anthracene	U		4.5	8.3	µg/Kg-dry	1	6/16/2021 01:20
Dibenzofuran	U		25	41	µg/Kg-dry	1	6/16/2021 01:20
Diethyl phthalate	U		33	41	µg/Kg-dry	1	6/16/2021 01:20
Dimethyl phthalate	U		31	41	µg/Kg-dry	1	6/16/2021 01:20
Di-n-butyl phthalate	U		25	41	µg/Kg-dry	1	6/16/2021 01:20
Di-n-octyl phthalate	U		36	41	µg/Kg-dry	1	6/16/2021 01:20
Fluoranthene	U		4.0	8.3	µg/Kg-dry	1	6/16/2021 01:20
Fluorene	U		6.0	8.3	µg/Kg-dry	1	6/16/2021 01:20
Hexachlorobenzene	U		25	41	µg/Kg-dry	1	6/16/2021 01:20
Hexachlorobutadiene	U		32	41	µg/Kg-dry	1	6/16/2021 01:20
Hexachlorocyclopentadiene	U		39	41	µg/Kg-dry	1	6/16/2021 01:20
Hexachloroethane	U		17	41	µg/Kg-dry	1	6/16/2021 01:20
Indeno(1,2,3-cd)pyrene	U		5.7	8.3	µg/Kg-dry	1	6/16/2021 01:20
Isophorone	U		29	210	µg/Kg-dry	1	6/16/2021 01:20
Naphthalene	U		5.3	8.3	µg/Kg-dry	1	6/16/2021 01:20
Nitrobenzene	U		31	210	µg/Kg-dry	1	6/16/2021 01:20

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2 (28-30)
Collection Date: 6/3/2021 10:15 AM

Work Order: 21060477
Lab ID: 21060477-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		40	41	µg/Kg-dry	1	6/16/2021 01:20
N-Nitrosodiphenylamine	U		24	41	µg/Kg-dry	1	6/16/2021 01:20
Pentachlorophenol	U		33	41	µg/Kg-dry	1	6/16/2021 01:20
Phenanthrene	U		3.8	8.3	µg/Kg-dry	1	6/16/2021 01:20
Phenol	U		21	41	µg/Kg-dry	1	6/16/2021 01:20
Pyrene	U		7.8	8.3	µg/Kg-dry	1	6/16/2021 01:20
Surr: 2,4,6-Tribromophenol	*48.1*			*38-92*	*%REC*	1	6/16/2021 01:20
Surr: 2-Fluorobiphenyl	*57.7*			*44-107*	*%REC*	1	6/16/2021 01:20
Surr: 2-Fluorophenol	*72.8*			*37-109*	*%REC*	1	6/16/2021 01:20
Surr: 4-Terphenyl-d14	*47.7*	S		*52-123*	*%REC*	1	6/16/2021 01:20
Surr: Nitrobenzene-d5	*63.4*			*41-94*	*%REC*	1	6/16/2021 01:20
Surr: Phenol-d6	*81.2*			*28-111*	*%REC*	1	6/16/2021 01:20
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/7/21		Analyst: **SJB**
GRO (C6-C10)	**1,700**	J	**1,600**	**6,200**	**µg/Kg-dry**	1	6/15/2021 07:43
Surr: Toluene-d8	*90.3*			*70-130*	*%REC*	1	6/15/2021 07:43
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.75	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,1,2,2-Tetrachloroethane	U		0.61	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,1,2-Trichloroethane	U		0.63	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,1,2-Trichlorotrifluoroethane	U		1.0	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,1-Dichloroethane	U		0.59	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,1-Dichloroethene	U		0.93	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,2,3-Trichlorobenzene	U		1.7	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,2,4-Trichlorobenzene	U		1.0	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,2-Dibromo-3-chloropropane	U		0.94	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,2-Dibromoethane	U		0.34	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,2-Dichlorobenzene	U		0.66	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,2-Dichloroethane	U		0.53	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,2-Dichloropropane	U		0.42	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,3-Dichlorobenzene	U		0.58	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
1,4-Dichlorobenzene	U		0.61	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
2-Butanone	U		4.8	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
2-Hexanone	U		1.7	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
4-Methyl-2-pentanone	U		1.7	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Acetone	**4.9**	J	**4.4**	**9.5**	**µg/Kg-dry**	0.76	6/15/2021 15:42
Benzene	U		0.49	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Bromochloromethane	U		0.51	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Bromodichloromethane	U		0.57	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Bromoform	U		0.47	4.7	µg/Kg-dry	0.76	6/15/2021 15:42

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2 (28-30)
Collection Date: 6/3/2021 10:15 AM

Work Order: 21060477
Lab ID: 21060477-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.4	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
Carbon disulfide	U		0.56	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Carbon tetrachloride	U		0.95	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Chlorobenzene	U		0.60	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Chloroethane	U		1.8	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Chloroform	U		0.78	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Chloromethane	U		0.95	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
cis-1,2-Dichloroethene	U		0.51	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
cis-1,3-Dichloropropene	U		0.57	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Cyclohexane	U		1.6	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
Dibromochloromethane	U		0.48	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Dichlorodifluoromethane	U		2.4	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
Ethylbenzene	U		0.82	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Isopropylbenzene	U		0.80	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
m,p-Xylene	U		2.1	2.4	µg/Kg-dry	0.76	6/15/2021 15:42
Methyl acetate	U		1.1	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
Methyl tert-butyl ether	**5.8**		**0.58**	**4.7**	**µg/Kg-dry**	0.76	6/15/2021 15:42
Methylcyclohexane	U		1.4	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
Methylene chloride	U		5.9	9.5	µg/Kg-dry	0.76	6/15/2021 15:42
o-Xylene	U		1.1	2.4	µg/Kg-dry	0.76	6/15/2021 15:42
Styrene	U		0.71	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Tetrachloroethene	U		0.84	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Toluene	U		0.81	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
trans-1,2-Dichloroethene	U		0.47	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
trans-1,3-Dichloropropene	U		0.45	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Trichloroethene	U		0.68	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Trichlorofluoromethane	U		0.67	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Vinyl chloride	U		0.66	4.7	µg/Kg-dry	0.76	6/15/2021 15:42
Surr: 1,2-Dichloroethane-d4	*116*			*83-132*	*%REC*	0.76	6/15/2021 15:42
Surr: 4-Bromofluorobenzene	*104*			*83-111*	*%REC*	0.76	6/15/2021 15:42
Surr: Dibromofluoromethane	*69.0*	S		*77-125*	*%REC*	0.76	6/15/2021 15:42
Surr: Toluene-d8	*99.6*			*86-108*	*%REC*	0.76	6/15/2021 15:42
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**20**		**0.10**	**0.10**	**% of sample**	1	6/10/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3 (28-30)
Collection Date: 6/3/2021 10:40 AM

Work Order: 21060477
Lab ID: 21060477-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/14/21		Analyst: **MTW**
Mercury	**0.021**	J	**0.016**	**0.024**	**mg/Kg-dry**	1	6/15/2021 13:31
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/14/21		Analyst: **ABL**
Arsenic	**3.4**		**0.12**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:19
Barium	**120**		**0.56**	**0.90**	**mg/Kg-dry**	1	6/14/2021 19:19
Cadmium	U		0.15	0.90	mg/Kg-dry	1	6/14/2021 19:19
Chromium	**13**		**0.27**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:19
Lead	**9.8**		**0.36**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:19
Selenium	U		0.25	0.90	mg/Kg-dry	1	6/14/2021 19:19
Silver	U		0.22	0.45	mg/Kg-dry	1	6/14/2021 19:19
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/11/21		Analyst: **EE**
DRO (C10-C21)	**12**	J	**1.9**	**25**	**mg/Kg-dry**	1	6/15/2021 10:41
ORO (C21-C35)	**5.3**	J	**2.1**	**25**	**mg/Kg-dry**	1	6/15/2021 10:41
Surr: 4-Terphenyl-d14	*60.7*			*25-137*	*%REC*	1	6/15/2021 10:41
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/14/21		Analyst: **EE**
1,1`-Biphenyl	U		29	41	µg/Kg-dry	1	6/16/2021 01:41
1,2,4,5-Tetrachlorobenzene	U		37	210	µg/Kg-dry	1	6/16/2021 01:41
1,4-Dioxane	U		97	210	µg/Kg-dry	1	6/16/2021 01:41
2,2`-Oxybis(1-chloropropane)	U		28	41	µg/Kg-dry	1	6/16/2021 01:41
2,3,4,6-Tetrachlorophenol	U		30	83	µg/Kg-dry	1	6/16/2021 01:41
2,4,5-Trichlorophenol	U		24	41	µg/Kg-dry	1	6/16/2021 01:41
2,4,6-Trichlorophenol	U		11	41	µg/Kg-dry	1	6/16/2021 01:41
2,4-Dichlorophenol	U		22	41	µg/Kg-dry	1	6/16/2021 01:41
2,4-Dimethylphenol	U		21	41	µg/Kg-dry	1	6/16/2021 01:41
2,4-Dinitrophenol	U		74	820	µg/Kg-dry	1	6/16/2021 01:41
2,4-Dinitrotoluene	U		27	41	µg/Kg-dry	1	6/16/2021 01:41
2,6-Dinitrotoluene	U		27	41	µg/Kg-dry	1	6/16/2021 01:41
2-Chloronaphthalene	U		5.8	8.2	µg/Kg-dry	1	6/16/2021 01:41
2-Chlorophenol	U		28	41	µg/Kg-dry	1	6/16/2021 01:41
2-Methylnaphthalene	U		4.2	8.2	µg/Kg-dry	1	6/16/2021 01:41
2-Methylphenol	U		25	41	µg/Kg-dry	1	6/16/2021 01:41
2-Nitroaniline	U		23	41	µg/Kg-dry	1	6/16/2021 01:41
2-Nitrophenol	U		26	41	µg/Kg-dry	1	6/16/2021 01:41
3&4-Methylphenol	U		22	41	µg/Kg-dry	1	6/16/2021 01:41
3,3´-Dichlorobenzidine	U		19	210	µg/Kg-dry	1	6/16/2021 01:41
3-Nitroaniline	U		24	41	µg/Kg-dry	1	6/16/2021 01:41
4,6-Dinitro-2-methylphenol	U		34	41	µg/Kg-dry	1	6/16/2021 01:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3 (28-30)
Collection Date: 6/3/2021 10:40 AM

Work Order: 21060477
Lab ID: 21060477-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		23	41	µg/Kg-dry	1	6/16/2021 01:41
4-Chloro-3-methylphenol	U		30	41	µg/Kg-dry	1	6/16/2021 01:41
4-Chloroaniline	U		21	83	µg/Kg-dry	1	6/16/2021 01:41
4-Chlorophenyl phenyl ether	U		27	41	µg/Kg-dry	1	6/16/2021 01:41
4-Nitroaniline	U		64	210	µg/Kg-dry	1	6/16/2021 01:41
4-Nitrophenol	U		20	210	µg/Kg-dry	1	6/16/2021 01:41
Acenaphthene	U		6.0	8.2	µg/Kg-dry	1	6/16/2021 01:41
Acenaphthylene	U		5.3	8.2	µg/Kg-dry	1	6/16/2021 01:41
Acetophenone	U		26	41	µg/Kg-dry	1	6/16/2021 01:41
Anthracene	U		5.8	8.2	µg/Kg-dry	1	6/16/2021 01:41
Atrazine	U		24	41	µg/Kg-dry	1	6/16/2021 01:41
Benzaldehyde	U		63	83	µg/Kg-dry	1	6/16/2021 01:41
Benzo(a)anthracene	U		7.1	8.2	µg/Kg-dry	1	6/16/2021 01:41
Benzo(a)pyrene	U		5.1	8.2	µg/Kg-dry	1	6/16/2021 01:41
Benzo(b)fluoranthene	U		6.1	8.2	µg/Kg-dry	1	6/16/2021 01:41
Benzo(g,h,i)perylene	U		6.3	8.2	µg/Kg-dry	1	6/16/2021 01:41
Benzo(k)fluoranthene	U		6.2	8.2	µg/Kg-dry	1	6/16/2021 01:41
Bis(2-chloroethoxy)methane	U		26	41	µg/Kg-dry	1	6/16/2021 01:41
Bis(2-chloroethyl)ether	U		29	41	µg/Kg-dry	1	6/16/2021 01:41
Bis(2-ethylhexyl)phthalate	U		34	41	µg/Kg-dry	1	6/16/2021 01:41
Butyl benzyl phthalate	U		52	83	µg/Kg-dry	1	6/16/2021 01:41
Caprolactam	U		63	83	µg/Kg-dry	1	6/16/2021 01:41
Carbazole	U		30	41	µg/Kg-dry	1	6/16/2021 01:41
Chrysene	U		6.7	8.2	µg/Kg-dry	1	6/16/2021 01:41
Dibenzo(a,h)anthracene	U		4.4	8.2	µg/Kg-dry	1	6/16/2021 01:41
Dibenzofuran	U		25	41	µg/Kg-dry	1	6/16/2021 01:41
Diethyl phthalate	U		33	41	µg/Kg-dry	1	6/16/2021 01:41
Dimethyl phthalate	U		31	41	µg/Kg-dry	1	6/16/2021 01:41
Di-n-butyl phthalate	U		25	41	µg/Kg-dry	1	6/16/2021 01:41
Di-n-octyl phthalate	U		36	41	µg/Kg-dry	1	6/16/2021 01:41
Fluoranthene	U		4.0	8.2	µg/Kg-dry	1	6/16/2021 01:41
Fluorene	U		6.0	8.2	µg/Kg-dry	1	6/16/2021 01:41
Hexachlorobenzene	U		25	41	µg/Kg-dry	1	6/16/2021 01:41
Hexachlorobutadiene	U		32	41	µg/Kg-dry	1	6/16/2021 01:41
Hexachlorocyclopentadiene	U		39	41	µg/Kg-dry	1	6/16/2021 01:41
Hexachloroethane	U		17	41	µg/Kg-dry	1	6/16/2021 01:41
Indeno(1,2,3-cd)pyrene	U		5.7	8.2	µg/Kg-dry	1	6/16/2021 01:41
Isophorone	U		29	210	µg/Kg-dry	1	6/16/2021 01:41
Naphthalene	U		5.3	8.2	µg/Kg-dry	1	6/16/2021 01:41
Nitrobenzene	U		31	210	µg/Kg-dry	1	6/16/2021 01:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3 (28-30)
Collection Date: 6/3/2021 10:40 AM

Work Order: 21060477
Lab ID: 21060477-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		40	41	µg/Kg-dry	1	6/16/2021 01:41
N-Nitrosodiphenylamine	U		24	41	µg/Kg-dry	1	6/16/2021 01:41
Pentachlorophenol	U		33	41	µg/Kg-dry	1	6/16/2021 01:41
Phenanthrene	U		3.8	8.2	µg/Kg-dry	1	6/16/2021 01:41
Phenol	U		21	41	µg/Kg-dry	1	6/16/2021 01:41
Pyrene	U		7.8	8.2	µg/Kg-dry	1	6/16/2021 01:41
Surr: 2,4,6-Tribromophenol	*31.3*	S		*38-92*	*%REC*	1	6/16/2021 01:41
Surr: 2-Fluorobiphenyl	*40.1*	S		*44-107*	*%REC*	1	6/16/2021 01:41
Surr: 2-Fluorophenol	*52.7*			*37-109*	*%REC*	1	6/16/2021 01:41
Surr: 4-Terphenyl-d14	*30.5*	S		*52-123*	*%REC*	1	6/16/2021 01:41
Surr: Nitrobenzene-d5	*42.1*			*41-94*	*%REC*	1	6/16/2021 01:41
Surr: Phenol-d6	*53.7*			*28-111*	*%REC*	1	6/16/2021 01:41
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/7/21		Analyst: **SJB**
GRO (C6-C10)	U		1,600	6,400	µg/Kg-dry	1	6/15/2021 08:00
Surr: Toluene-d8	*87.8*			*70-130*	*%REC*	1	6/15/2021 08:00
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.88	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,1,2,2-Tetrachloroethane	U		0.72	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,1,2-Trichloroethane	U		0.75	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,1,2-Trichlorotrifluoroethane	U		1.2	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,1-Dichloroethane	U		0.69	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,1-Dichloroethene	U		1.1	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,2,3-Trichlorobenzene	U		2.0	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,2,4-Trichlorobenzene	U		1.2	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,2-Dibromo-3-chloropropane	U		1.1	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,2-Dibromoethane	U		0.40	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,2-Dichlorobenzene	U		0.78	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,2-Dichloroethane	U		0.63	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,2-Dichloropropane	U		0.49	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,3-Dichlorobenzene	U		0.68	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
1,4-Dichlorobenzene	U		0.72	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
2-Butanone	U		5.7	11	µg/Kg-dry	0.88	6/15/2021 15:59
2-Hexanone	U		2.0	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
4-Methyl-2-pentanone	U		2.0	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Acetone	**9.0**	J	**5.1**	**11**	**µg/Kg-dry**	0.88	6/15/2021 15:59
Benzene	U		0.58	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Bromochloromethane	U		0.60	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Bromodichloromethane	U		0.67	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Bromoform	U		0.56	5.6	µg/Kg-dry	0.88	6/15/2021 15:59

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3 (28-30)
Collection Date: 6/3/2021 10:40 AM

Work Order: 21060477
Lab ID: 21060477-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.8	11	µg/Kg-dry	0.88	6/15/2021 15:59
Carbon disulfide	U		0.66	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Carbon tetrachloride	U		1.1	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Chlorobenzene	U		0.70	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Chloroethane	U		2.1	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Chloroform	U		0.92	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Chloromethane	U		1.1	11	µg/Kg-dry	0.88	6/15/2021 15:59
cis-1,2-Dichloroethene	U		0.60	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
cis-1,3-Dichloropropene	U		0.67	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Cyclohexane	U		1.9	11	µg/Kg-dry	0.88	6/15/2021 15:59
Dibromochloromethane	U		0.57	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Dichlorodifluoromethane	U		2.8	11	µg/Kg-dry	0.88	6/15/2021 15:59
Ethylbenzene	U		0.97	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Isopropylbenzene	U		0.95	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
m,p-Xylene	U		2.5	2.8	µg/Kg-dry	0.88	6/15/2021 15:59
Methyl acetate	U		1.3	11	µg/Kg-dry	0.88	6/15/2021 15:59
Methyl tert-butyl ether	**6.3**		**0.68**	**5.6**	**µg/Kg-dry**	0.88	6/15/2021 15:59
Methylcyclohexane	U		1.7	11	µg/Kg-dry	0.88	6/15/2021 15:59
Methylene chloride	U		6.9	11	µg/Kg-dry	0.88	6/15/2021 15:59
o-Xylene	U		1.3	2.8	µg/Kg-dry	0.88	6/15/2021 15:59
Styrene	U		0.84	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Tetrachloroethene	U		1.0	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Toluene	U		0.96	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
trans-1,2-Dichloroethene	U		0.56	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
trans-1,3-Dichloropropene	U		0.54	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Trichloroethene	U		0.81	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Trichlorofluoromethane	U		0.79	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Vinyl chloride	U		0.78	5.6	µg/Kg-dry	0.88	6/15/2021 15:59
Surr: 1,2-Dichloroethane-d4	*117*			*83-132*	*%REC*	0.88	6/15/2021 15:59
Surr: 4-Bromofluorobenzene	*103*			*83-111*	*%REC*	0.88	6/15/2021 15:59
Surr: Dibromofluoromethane	*63.1*	S		*77-125*	*%REC*	0.88	6/15/2021 15:59
Surr: Toluene-d8	*97.2*			*86-108*	*%REC*	0.88	6/15/2021 15:59
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**21**		**0.10**	**0.10**	**% of sample**	1	6/10/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29)
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/14/21		Analyst: **MTW**
Mercury	U		0.016	0.023	mg/Kg-dry	1	6/15/2021 13:33
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/14/21		Analyst: **ABL**
Arsenic	**5.0**		**0.12**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:23
Barium	**95**		**0.56**	**0.91**	**mg/Kg-dry**	1	6/14/2021 19:23
Cadmium	U		0.15	0.91	mg/Kg-dry	1	6/14/2021 19:23
Chromium	**12**		**0.27**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:23
Lead	**7.7**		**0.36**	**0.45**	**mg/Kg-dry**	1	6/14/2021 19:23
Selenium	U		0.25	0.91	mg/Kg-dry	1	6/14/2021 19:23
Silver	U		0.22	0.45	mg/Kg-dry	1	6/14/2021 19:23
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/11/21		Analyst: **EE**
DRO (C10-C21)	**11**	J	**1.8**	**24**	**mg/Kg-dry**	1	6/15/2021 11:11
ORO (C21-C35)	**5.3**	J	**2.0**	**24**	**mg/Kg-dry**	1	6/15/2021 11:11
Surr: 4-Terphenyl-d14	*57.1*			*25-137*	*%REC*	1	6/15/2021 11:11
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/14/21		Analyst: **EE**
1,1`-Biphenyl	U		27	39	µg/Kg-dry	1	6/16/2021 02:02
1,2,4,5-Tetrachlorobenzene	U		35	200	µg/Kg-dry	1	6/16/2021 02:02
1,4-Dioxane	U		91	200	µg/Kg-dry	1	6/16/2021 02:02
2,2`-Oxybis(1-chloropropane)	U		27	39	µg/Kg-dry	1	6/16/2021 02:02
2,3,4,6-Tetrachlorophenol	U		29	78	µg/Kg-dry	1	6/16/2021 02:02
2,4,5-Trichlorophenol	U		23	39	µg/Kg-dry	1	6/16/2021 02:02
2,4,6-Trichlorophenol	U		10	39	µg/Kg-dry	1	6/16/2021 02:02
2,4-Dichlorophenol	U		21	39	µg/Kg-dry	1	6/16/2021 02:02
2,4-Dimethylphenol	U		20	39	µg/Kg-dry	1	6/16/2021 02:02
2,4-Dinitrophenol	U		70	780	µg/Kg-dry	1	6/16/2021 02:02
2,4-Dinitrotoluene	U		25	39	µg/Kg-dry	1	6/16/2021 02:02
2,6-Dinitrotoluene	U		25	39	µg/Kg-dry	1	6/16/2021 02:02
2-Chloronaphthalene	U		5.4	7.8	µg/Kg-dry	1	6/16/2021 02:02
2-Chlorophenol	U		26	39	µg/Kg-dry	1	6/16/2021 02:02
2-Methylnaphthalene	U		4.0	7.8	µg/Kg-dry	1	6/16/2021 02:02
2-Methylphenol	U		24	39	µg/Kg-dry	1	6/16/2021 02:02
2-Nitroaniline	U		22	39	µg/Kg-dry	1	6/16/2021 02:02
2-Nitrophenol	U		25	39	µg/Kg-dry	1	6/16/2021 02:02
3&4-Methylphenol	U		21	39	µg/Kg-dry	1	6/16/2021 02:02
3,3´-Dichlorobenzidine	U		18	200	µg/Kg-dry	1	6/16/2021 02:02
3-Nitroaniline	U		23	39	µg/Kg-dry	1	6/16/2021 02:02
4,6-Dinitro-2-methylphenol	U		33	39	µg/Kg-dry	1	6/16/2021 02:02

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29)
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		21	39	µg/Kg-dry	1	6/16/2021 02:02
4-Chloro-3-methylphenol	U		29	39	µg/Kg-dry	1	6/16/2021 02:02
4-Chloroaniline	U		20	78	µg/Kg-dry	1	6/16/2021 02:02
4-Chlorophenyl phenyl ether	U		25	39	µg/Kg-dry	1	6/16/2021 02:02
4-Nitroaniline	U		60	200	µg/Kg-dry	1	6/16/2021 02:02
4-Nitrophenol	U		19	200	µg/Kg-dry	1	6/16/2021 02:02
Acenaphthene	U		5.6	7.8	µg/Kg-dry	1	6/16/2021 02:02
Acenaphthylene	U		5.1	7.8	µg/Kg-dry	1	6/16/2021 02:02
Acetophenone	U		25	39	µg/Kg-dry	1	6/16/2021 02:02
Anthracene	U		5.5	7.8	µg/Kg-dry	1	6/16/2021 02:02
Atrazine	U		23	39	µg/Kg-dry	1	6/16/2021 02:02
Benzaldehyde	U		60	78	µg/Kg-dry	1	6/16/2021 02:02
Benzo(a)anthracene	U		6.7	7.8	µg/Kg-dry	1	6/16/2021 02:02
Benzo(a)pyrene	U		4.8	7.8	µg/Kg-dry	1	6/16/2021 02:02
Benzo(b)fluoranthene	U		5.8	7.8	µg/Kg-dry	1	6/16/2021 02:02
Benzo(g,h,i)perylene	U		6.0	7.8	µg/Kg-dry	1	6/16/2021 02:02
Benzo(k)fluoranthene	U		5.9	7.8	µg/Kg-dry	1	6/16/2021 02:02
Bis(2-chloroethoxy)methane	U		25	39	µg/Kg-dry	1	6/16/2021 02:02
Bis(2-chloroethyl)ether	U		28	39	µg/Kg-dry	1	6/16/2021 02:02
Bis(2-ethylhexyl)phthalate	U		32	39	µg/Kg-dry	1	6/16/2021 02:02
Butyl benzyl phthalate	U		49	78	µg/Kg-dry	1	6/16/2021 02:02
Caprolactam	U		60	78	µg/Kg-dry	1	6/16/2021 02:02
Carbazole	U		28	39	µg/Kg-dry	1	6/16/2021 02:02
Chrysene	U		6.3	7.8	µg/Kg-dry	1	6/16/2021 02:02
Dibenzo(a,h)anthracene	U		4.2	7.8	µg/Kg-dry	1	6/16/2021 02:02
Dibenzofuran	U		24	39	µg/Kg-dry	1	6/16/2021 02:02
Diethyl phthalate	U		31	39	µg/Kg-dry	1	6/16/2021 02:02
Dimethyl phthalate	U		30	39	µg/Kg-dry	1	6/16/2021 02:02
Di-n-butyl phthalate	U		24	39	µg/Kg-dry	1	6/16/2021 02:02
Di-n-octyl phthalate	U		34	39	µg/Kg-dry	1	6/16/2021 02:02
Fluoranthene	U		3.7	7.8	µg/Kg-dry	1	6/16/2021 02:02
Fluorene	U		5.7	7.8	µg/Kg-dry	1	6/16/2021 02:02
Hexachlorobenzene	U		24	39	µg/Kg-dry	1	6/16/2021 02:02
Hexachlorobutadiene	U		30	39	µg/Kg-dry	1	6/16/2021 02:02
Hexachlorocyclopentadiene	U		37	39	µg/Kg-dry	1	6/16/2021 02:02
Hexachloroethane	U		16	39	µg/Kg-dry	1	6/16/2021 02:02
Indeno(1,2,3-cd)pyrene	U		5.4	7.8	µg/Kg-dry	1	6/16/2021 02:02
Isophorone	U		28	200	µg/Kg-dry	1	6/16/2021 02:02
Naphthalene	U		5.0	7.8	µg/Kg-dry	1	6/16/2021 02:02
Nitrobenzene	U		29	200	µg/Kg-dry	1	6/16/2021 02:02

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29)
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		38	39	µg/Kg-dry	1	6/16/2021 02:02
N-Nitrosodiphenylamine	U		22	39	µg/Kg-dry	1	6/16/2021 02:02
Pentachlorophenol	U		31	39	µg/Kg-dry	1	6/16/2021 02:02
Phenanthrene	U		3.6	7.8	µg/Kg-dry	1	6/16/2021 02:02
Phenol	U		20	39	µg/Kg-dry	1	6/16/2021 02:02
Pyrene	U		7.4	7.8	µg/Kg-dry	1	6/16/2021 02:02
Surr: 2,4,6-Tribromophenol	*33.4*	S		*38-92*	*%REC*	1	6/16/2021 02:02
Surr: 2-Fluorobiphenyl	*51.3*			*44-107*	*%REC*	1	6/16/2021 02:02
Surr: 2-Fluorophenol	*46.1*			*37-109*	*%REC*	1	6/16/2021 02:02
Surr: 4-Terphenyl-d14	*45.3*	S		*52-123*	*%REC*	1	6/16/2021 02:02
Surr: Nitrobenzene-d5	*56.8*			*41-94*	*%REC*	1	6/16/2021 02:02
Surr: Phenol-d6	*49.5*			*28-111*	*%REC*	1	6/16/2021 02:02
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/7/21		Analyst: **SJB**
GRO (C6-C10)	U		1,400	5,500	µg/Kg-dry	1	6/15/2021 08:16
Surr: Toluene-d8	*85.9*			*70-130*	*%REC*	1	6/15/2021 08:16
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.67	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,1,2,2-Tetrachloroethane	U		0.54	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,1,2-Trichloroethane	U		0.57	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,1,2-Trichlorotrifluoroethane	U		0.94	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,1-Dichloroethane	U		0.53	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,1-Dichloroethene	U		0.83	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,2,3-Trichlorobenzene	U		1.5	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,2,4-Trichlorobenzene	U		0.94	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,2-Dibromo-3-chloropropane	U		0.84	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,2-Dibromoethane	U		0.31	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,2-Dichlorobenzene	U		0.60	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,2-Dichloroethane	U		0.48	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,2-Dichloropropane	U		0.37	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,3-Dichlorobenzene	U		0.52	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
1,4-Dichlorobenzene	U		0.54	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
2-Butanone	U		4.3	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
2-Hexanone	U		1.5	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
4-Methyl-2-pentanone	U		1.5	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Acetone	U		3.9	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
Benzene	U		0.44	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Bromochloromethane	U		0.46	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Bromodichloromethane	U		0.51	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Bromoform	U		0.43	4.3	µg/Kg-dry	0.708	6/15/2021 16:15

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29)
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.1	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
Carbon disulfide	U		0.50	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Carbon tetrachloride	U		0.85	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Chlorobenzene	U		0.54	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Chloroethane	U		1.6	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Chloroform	U		0.70	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Chloromethane	U		0.85	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
cis-1,2-Dichloroethene	U		0.46	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
cis-1,3-Dichloropropene	U		0.51	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Cyclohexane	U		1.4	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
Dibromochloromethane	U		0.43	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Dichlorodifluoromethane	U		2.1	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
Ethylbenzene	U		0.74	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Isopropylbenzene	U		0.72	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
m,p-Xylene	U		1.9	2.1	µg/Kg-dry	0.708	6/15/2021 16:15
Methyl acetate	U		1.0	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
Methyl tert-butyl ether	U		0.52	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Methylcyclohexane	U		1.3	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
Methylene chloride	U		5.3	8.5	µg/Kg-dry	0.708	6/15/2021 16:15
o-Xylene	U		1.0	2.1	µg/Kg-dry	0.708	6/15/2021 16:15
Styrene	U		0.64	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Tetrachloroethene	U		0.76	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Toluene	U		0.73	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
trans-1,2-Dichloroethene	U		0.43	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
trans-1,3-Dichloropropene	U		0.41	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Trichloroethene	U		0.61	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Trichlorofluoromethane	U		0.60	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Vinyl chloride	U		0.60	4.3	µg/Kg-dry	0.708	6/15/2021 16:15
Surr: 1,2-Dichloroethane-d4	*117*			*83-132*	*%REC*	0.708	6/15/2021 16:15
Surr: 4-Bromofluorobenzene	*102*			*83-111*	*%REC*	0.708	6/15/2021 16:15
Surr: Dibromofluoromethane	*64.6*	S		*77-125*	*%REC*	0.708	6/15/2021 16:15
Surr: Toluene-d8	*99.1*			*86-108*	*%REC*	0.708	6/15/2021 16:15
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**17**		**0.10**	**0.10**	**% of sample**	1	6/10/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B5 (28-30)
Collection Date: 6/3/2021 01:20 PM

Work Order: 21060477
Lab ID: 21060477-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/14/21		Analyst: **MTW**
Mercury	U		0.016	0.023	mg/Kg-dry	1	6/15/2021 13:35
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/14/21		Analyst: **ABL**
Arsenic	**4.2**		**0.10**	**0.40**	**mg/Kg-dry**	1	6/14/2021 19:28
Barium	**67**		**0.50**	**0.80**	**mg/Kg-dry**	1	6/14/2021 19:28
Cadmium	U		0.13	0.80	mg/Kg-dry	1	6/14/2021 19:28
Chromium	**12**		**0.24**	**0.40**	**mg/Kg-dry**	1	6/14/2021 19:28
Lead	**8.8**		**0.32**	**0.40**	**mg/Kg-dry**	1	6/14/2021 19:28
Selenium	U		0.22	0.80	mg/Kg-dry	1	6/14/2021 19:28
Silver	U		0.19	0.40	mg/Kg-dry	1	6/14/2021 19:28
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/11/21		Analyst: **EE**
DRO (C10-C21)	**11**	J	**1.7**	**23**	**mg/Kg-dry**	1	6/15/2021 11:42
ORO (C21-C35)	**4.0**	J	**1.9**	**23**	**mg/Kg-dry**	1	6/15/2021 11:42
Surr: 4-Terphenyl-d14	*61.8*			*25-137*	*%REC*	1	6/15/2021 11:42
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/14/21		Analyst: **EE**
1,1`-Biphenyl	U		27	39	µg/Kg-dry	1	6/16/2021 02:24
1,2,4,5-Tetrachlorobenzene	U		35	200	µg/Kg-dry	1	6/16/2021 02:24
1,4-Dioxane	U		91	200	µg/Kg-dry	1	6/16/2021 02:24
2,2`-Oxybis(1-chloropropane)	U		27	39	µg/Kg-dry	1	6/16/2021 02:24
2,3,4,6-Tetrachlorophenol	U		29	78	µg/Kg-dry	1	6/16/2021 02:24
2,4,5-Trichlorophenol	U		23	39	µg/Kg-dry	1	6/16/2021 02:24
2,4,6-Trichlorophenol	U		10	39	µg/Kg-dry	1	6/16/2021 02:24
2,4-Dichlorophenol	U		21	39	µg/Kg-dry	1	6/16/2021 02:24
2,4-Dimethylphenol	U		20	39	µg/Kg-dry	1	6/16/2021 02:24
2,4-Dinitrophenol	U		70	780	µg/Kg-dry	1	6/16/2021 02:24
2,4-Dinitrotoluene	U		25	39	µg/Kg-dry	1	6/16/2021 02:24
2,6-Dinitrotoluene	U		26	39	µg/Kg-dry	1	6/16/2021 02:24
2-Chloronaphthalene	U		5.4	7.8	µg/Kg-dry	1	6/16/2021 02:24
2-Chlorophenol	U		26	39	µg/Kg-dry	1	6/16/2021 02:24
2-Methylnaphthalene	U		4.0	7.8	µg/Kg-dry	1	6/16/2021 02:24
2-Methylphenol	U		24	39	µg/Kg-dry	1	6/16/2021 02:24
2-Nitroaniline	U		22	39	µg/Kg-dry	1	6/16/2021 02:24
2-Nitrophenol	U		25	39	µg/Kg-dry	1	6/16/2021 02:24
3&4-Methylphenol	U		21	39	µg/Kg-dry	1	6/16/2021 02:24
3,3´-Dichlorobenzidine	U		18	200	µg/Kg-dry	1	6/16/2021 02:24
3-Nitroaniline	U		23	39	µg/Kg-dry	1	6/16/2021 02:24
4,6-Dinitro-2-methylphenol	U		33	39	µg/Kg-dry	1	6/16/2021 02:24

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B5 (28-30)
Collection Date: 6/3/2021 01:20 PM

Work Order: 21060477
Lab ID: 21060477-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		21	39	µg/Kg-dry	1	6/16/2021 02:24
4-Chloro-3-methylphenol	U		29	39	µg/Kg-dry	1	6/16/2021 02:24
4-Chloroaniline	U		20	78	µg/Kg-dry	1	6/16/2021 02:24
4-Chlorophenyl phenyl ether	U		25	39	µg/Kg-dry	1	6/16/2021 02:24
4-Nitroaniline	U		60	200	µg/Kg-dry	1	6/16/2021 02:24
4-Nitrophenol	U		19	200	µg/Kg-dry	1	6/16/2021 02:24
Acenaphthene	U		5.6	7.8	µg/Kg-dry	1	6/16/2021 02:24
Acenaphthylene	U		5.1	7.8	µg/Kg-dry	1	6/16/2021 02:24
Acetophenone	U		25	39	µg/Kg-dry	1	6/16/2021 02:24
Anthracene	U		5.5	7.8	µg/Kg-dry	1	6/16/2021 02:24
Atrazine	U		23	39	µg/Kg-dry	1	6/16/2021 02:24
Benzaldehyde	U		60	78	µg/Kg-dry	1	6/16/2021 02:24
Benzo(a)anthracene	U		6.7	7.8	µg/Kg-dry	1	6/16/2021 02:24
Benzo(a)pyrene	U		4.8	7.8	µg/Kg-dry	1	6/16/2021 02:24
Benzo(b)fluoranthene	U		5.8	7.8	µg/Kg-dry	1	6/16/2021 02:24
Benzo(g,h,i)perylene	U		6.0	7.8	µg/Kg-dry	1	6/16/2021 02:24
Benzo(k)fluoranthene	U		5.9	7.8	µg/Kg-dry	1	6/16/2021 02:24
Bis(2-chloroethoxy)methane	U		25	39	µg/Kg-dry	1	6/16/2021 02:24
Bis(2-chloroethyl)ether	U		28	39	µg/Kg-dry	1	6/16/2021 02:24
Bis(2-ethylhexyl)phthalate	U		32	39	µg/Kg-dry	1	6/16/2021 02:24
Butyl benzyl phthalate	U		49	78	µg/Kg-dry	1	6/16/2021 02:24
Caprolactam	U		60	78	µg/Kg-dry	1	6/16/2021 02:24
Carbazole	U		28	39	µg/Kg-dry	1	6/16/2021 02:24
Chrysene	U		6.3	7.8	µg/Kg-dry	1	6/16/2021 02:24
Dibenzo(a,h)anthracene	U		4.2	7.8	µg/Kg-dry	1	6/16/2021 02:24
Dibenzofuran	U		24	39	µg/Kg-dry	1	6/16/2021 02:24
Diethyl phthalate	U		31	39	µg/Kg-dry	1	6/16/2021 02:24
Dimethyl phthalate	U		30	39	µg/Kg-dry	1	6/16/2021 02:24
Di-n-butyl phthalate	U		24	39	µg/Kg-dry	1	6/16/2021 02:24
Di-n-octyl phthalate	U		34	39	µg/Kg-dry	1	6/16/2021 02:24
Fluoranthene	U		3.7	7.8	µg/Kg-dry	1	6/16/2021 02:24
Fluorene	U		5.7	7.8	µg/Kg-dry	1	6/16/2021 02:24
Hexachlorobenzene	U		24	39	µg/Kg-dry	1	6/16/2021 02:24
Hexachlorobutadiene	U		30	39	µg/Kg-dry	1	6/16/2021 02:24
Hexachlorocyclopentadiene	U		37	39	µg/Kg-dry	1	6/16/2021 02:24
Hexachloroethane	U		16	39	µg/Kg-dry	1	6/16/2021 02:24
Indeno(1,2,3-cd)pyrene	U		5.4	7.8	µg/Kg-dry	1	6/16/2021 02:24
Isophorone	U		28	200	µg/Kg-dry	1	6/16/2021 02:24
Naphthalene	U		5.0	7.8	µg/Kg-dry	1	6/16/2021 02:24
Nitrobenzene	U		29	200	µg/Kg-dry	1	6/16/2021 02:24

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B5 (28-30)
Collection Date: 6/3/2021 01:20 PM

Work Order: 21060477
Lab ID: 21060477-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		38	39	µg/Kg-dry	1	6/16/2021 02:24
N-Nitrosodiphenylamine	U		22	39	µg/Kg-dry	1	6/16/2021 02:24
Pentachlorophenol	U		31	39	µg/Kg-dry	1	6/16/2021 02:24
Phenanthrene	**9.4**		**3.6**	**7.8**	**µg/Kg-dry**	1	6/16/2021 02:24
Phenol	U		20	39	µg/Kg-dry	1	6/16/2021 02:24
Pyrene	U		7.4	7.8	µg/Kg-dry	1	6/16/2021 02:24
Surr: 2,4,6-Tribromophenol	*41.0*			*38-92*	*%REC*	1	6/16/2021 02:24
Surr: 2-Fluorobiphenyl	*58.2*			*44-107*	*%REC*	1	6/16/2021 02:24
Surr: 2-Fluorophenol	*70.3*			*37-109*	*%REC*	1	6/16/2021 02:24
Surr: 4-Terphenyl-d14	*45.8*	S		*52-123*	*%REC*	1	6/16/2021 02:24
Surr: Nitrobenzene-d5	*65.3*			*41-94*	*%REC*	1	6/16/2021 02:24
Surr: Phenol-d6	*77.0*			*28-111*	*%REC*	1	6/16/2021 02:24
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/7/21		Analyst: **SJB**
GRO (C6-C10)	**1,600**	J	**1,300**	**5,200**	**µg/Kg-dry**	1	6/15/2021 08:33
Surr: Toluene-d8	*85.6*			*70-130*	*%REC*	1	6/15/2021 08:33
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.64	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,1,2,2-Tetrachloroethane	U		0.52	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,1,2-Trichloroethane	U		0.55	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,1,2-Trichlorotrifluoroethane	U		0.90	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,1-Dichloroethane	U		0.50	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,1-Dichloroethene	U		0.80	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,2,3-Trichlorobenzene	U		1.5	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,2,4-Trichlorobenzene	U		0.90	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,2-Dibromo-3-chloropropane	U		0.81	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,2-Dibromoethane	U		0.29	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,2-Dichlorobenzene	U		0.57	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,2-Dichloroethane	U		0.46	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,2-Dichloropropane	U		0.36	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,3-Dichlorobenzene	U		0.50	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
1,4-Dichlorobenzene	U		0.52	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
2-Butanone	U		4.2	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
2-Hexanone	U		1.5	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
4-Methyl-2-pentanone	U		1.5	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Acetone	**5.4**	J	**3.7**	**8.1**	**µg/Kg-dry**	0.689	6/15/2021 16:32
Benzene	U		0.42	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Bromochloromethane	U		0.44	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Bromodichloromethane	U		0.49	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Bromoform	U		0.41	4.1	µg/Kg-dry	0.689	6/15/2021 16:32

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B5 (28-30)
Collection Date: 6/3/2021 01:20 PM

Work Order: 21060477
Lab ID: 21060477-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.0	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
Carbon disulfide	U		0.48	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Carbon tetrachloride	U		0.81	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Chlorobenzene	U		0.51	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Chloroethane	U		1.5	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Chloroform	U		0.67	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Chloromethane	U		0.81	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
cis-1,2-Dichloroethene	U		0.44	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
cis-1,3-Dichloropropene	U		0.49	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Cyclohexane	U		1.4	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
Dibromochloromethane	U		0.42	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Dichlorodifluoromethane	U		2.0	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
Ethylbenzene	U		0.71	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Isopropylbenzene	U		0.69	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
m,p-Xylene	U		1.8	2.0	µg/Kg-dry	0.689	6/15/2021 16:32
Methyl acetate	U		0.98	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
Methyl tert-butyl ether	**1.0**	J	**0.50**	**4.1**	**µg/Kg-dry**	0.689	6/15/2021 16:32
Methylcyclohexane	U		1.2	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
Methylene chloride	U		5.0	8.1	µg/Kg-dry	0.689	6/15/2021 16:32
o-Xylene	U		0.98	2.0	µg/Kg-dry	0.689	6/15/2021 16:32
Styrene	U		0.61	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Tetrachloroethene	U		0.72	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Toluene	U		0.70	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
trans-1,2-Dichloroethene	U		0.41	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
trans-1,3-Dichloropropene	U		0.39	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Trichloroethene	U		0.59	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Trichlorofluoromethane	U		0.58	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Vinyl chloride	U		0.57	4.1	µg/Kg-dry	0.689	6/15/2021 16:32
Surr: 1,2-Dichloroethane-d4	*116*			*83-132*	*%REC*	0.689	6/15/2021 16:32
Surr: 4-Bromofluorobenzene	*101*			*83-111*	*%REC*	0.689	6/15/2021 16:32
Surr: Dibromofluoromethane	*56.6*	S		*77-125*	*%REC*	0.689	6/15/2021 16:32
Surr: Toluene-d8	*99.1*			*86-108*	*%REC*	0.689	6/15/2021 16:32
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**15**		**0.10**	**0.10**	**% of sample**	1	6/10/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B6 (21-23)
Collection Date: 6/3/2021 01:55 PM

Work Order: 21060477
Lab ID: 21060477-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/14/21		Analyst: **MTW**
Mercury	U		0.012	0.018	mg/Kg-dry	1	6/15/2021 13:36
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/14/21		Analyst: **ABL**
Arsenic	**1.2**		**0.10**	**0.39**	**mg/Kg-dry**	1	6/14/2021 19:33
Barium	**290**		**0.49**	**0.79**	**mg/Kg-dry**	1	6/14/2021 19:33
Cadmium	U		0.13	0.79	mg/Kg-dry	1	6/14/2021 19:33
Chromium	**10**		**0.24**	**0.39**	**mg/Kg-dry**	1	6/14/2021 19:33
Lead	**2.3**		**0.31**	**0.39**	**mg/Kg-dry**	1	6/14/2021 19:33
Selenium	**0.28**	J	**0.22**	**0.79**	**mg/Kg-dry**	1	6/14/2021 19:33
Silver	**0.33**	J	**0.19**	**0.39**	**mg/Kg-dry**	1	6/14/2021 19:33
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/11/21		Analyst: **EE**
DRO (C10-C21)	**11**	J	**1.7**	**22**	**mg/Kg-dry**	1	6/15/2021 09:09
ORO (C21-C35)	**8.5**	J	**1.9**	**22**	**mg/Kg-dry**	1	6/15/2021 09:09
Surr: 4-Terphenyl-d14	*59.9*			*25-137*	*%REC*	1	6/15/2021 09:09
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/14/21		Analyst: **EE**
1,1`-Biphenyl	U		26	37	µg/Kg-dry	1	6/16/2021 02:45
1,2,4,5-Tetrachlorobenzene	U		33	180	µg/Kg-dry	1	6/16/2021 02:45
1,4-Dioxane	U		86	180	µg/Kg-dry	1	6/16/2021 02:45
2,2`-Oxybis(1-chloropropane)	U		25	37	µg/Kg-dry	1	6/16/2021 02:45
2,3,4,6-Tetrachlorophenol	U		27	74	µg/Kg-dry	1	6/16/2021 02:45
2,4,5-Trichlorophenol	U		22	37	µg/Kg-dry	1	6/16/2021 02:45
2,4,6-Trichlorophenol	U		9.8	37	µg/Kg-dry	1	6/16/2021 02:45
2,4-Dichlorophenol	U		20	37	µg/Kg-dry	1	6/16/2021 02:45
2,4-Dimethylphenol	U		19	37	µg/Kg-dry	1	6/16/2021 02:45
2,4-Dinitrophenol	U		66	740	µg/Kg-dry	1	6/16/2021 02:45
2,4-Dinitrotoluene	U		24	37	µg/Kg-dry	1	6/16/2021 02:45
2,6-Dinitrotoluene	U		24	37	µg/Kg-dry	1	6/16/2021 02:45
2-Chloronaphthalene	U		5.2	7.4	µg/Kg-dry	1	6/16/2021 02:45
2-Chlorophenol	U		25	37	µg/Kg-dry	1	6/16/2021 02:45
2-Methylnaphthalene	U		3.8	7.4	µg/Kg-dry	1	6/16/2021 02:45
2-Methylphenol	U		23	37	µg/Kg-dry	1	6/16/2021 02:45
2-Nitroaniline	U		20	37	µg/Kg-dry	1	6/16/2021 02:45
2-Nitrophenol	U		23	37	µg/Kg-dry	1	6/16/2021 02:45
3&4-Methylphenol	U		20	37	µg/Kg-dry	1	6/16/2021 02:45
3,3´-Dichlorobenzidine	U		17	180	µg/Kg-dry	1	6/16/2021 02:45
3-Nitroaniline	U		21	37	µg/Kg-dry	1	6/16/2021 02:45
4,6-Dinitro-2-methylphenol	U		31	37	µg/Kg-dry	1	6/16/2021 02:45

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B6 (21-23)
Collection Date: 6/3/2021 01:55 PM

Work Order: 21060477
Lab ID: 21060477-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		20	37	µg/Kg-dry	1	6/16/2021 02:45
4-Chloro-3-methylphenol	U		27	37	µg/Kg-dry	1	6/16/2021 02:45
4-Chloroaniline	U		19	74	µg/Kg-dry	1	6/16/2021 02:45
4-Chlorophenyl phenyl ether	U		24	37	µg/Kg-dry	1	6/16/2021 02:45
4-Nitroaniline	U		57	180	µg/Kg-dry	1	6/16/2021 02:45
4-Nitrophenol	U		18	180	µg/Kg-dry	1	6/16/2021 02:45
Acenaphthene	U		5.3	7.4	µg/Kg-dry	1	6/16/2021 02:45
Acenaphthylene	U		4.8	7.4	µg/Kg-dry	1	6/16/2021 02:45
Acetophenone	U		23	37	µg/Kg-dry	1	6/16/2021 02:45
Anthracene	U		5.2	7.4	µg/Kg-dry	1	6/16/2021 02:45
Atrazine	U		22	37	µg/Kg-dry	1	6/16/2021 02:45
Benzaldehyde	U		57	74	µg/Kg-dry	1	6/16/2021 02:45
Benzo(a)anthracene	U		6.4	7.4	µg/Kg-dry	1	6/16/2021 02:45
Benzo(a)pyrene	U		4.5	7.4	µg/Kg-dry	1	6/16/2021 02:45
Benzo(b)fluoranthene	U		5.5	7.4	µg/Kg-dry	1	6/16/2021 02:45
Benzo(g,h,i)perylene	U		5.7	7.4	µg/Kg-dry	1	6/16/2021 02:45
Benzo(k)fluoranthene	U		5.6	7.4	µg/Kg-dry	1	6/16/2021 02:45
Bis(2-chloroethoxy)methane	U		23	37	µg/Kg-dry	1	6/16/2021 02:45
Bis(2-chloroethyl)ether	U		26	37	µg/Kg-dry	1	6/16/2021 02:45
Bis(2-ethylhexyl)phthalate	U		31	37	µg/Kg-dry	1	6/16/2021 02:45
Butyl benzyl phthalate	U		46	74	µg/Kg-dry	1	6/16/2021 02:45
Caprolactam	U		57	74	µg/Kg-dry	1	6/16/2021 02:45
Carbazole	U		27	37	µg/Kg-dry	1	6/16/2021 02:45
Chrysene	U		6.0	7.4	µg/Kg-dry	1	6/16/2021 02:45
Dibenzo(a,h)anthracene	U		4.0	7.4	µg/Kg-dry	1	6/16/2021 02:45
Dibenzofuran	U		23	37	µg/Kg-dry	1	6/16/2021 02:45
Diethyl phthalate	U		29	37	µg/Kg-dry	1	6/16/2021 02:45
Dimethyl phthalate	U		28	37	µg/Kg-dry	1	6/16/2021 02:45
Di-n-butyl phthalate	U		23	37	µg/Kg-dry	1	6/16/2021 02:45
Di-n-octyl phthalate	U		32	37	µg/Kg-dry	1	6/16/2021 02:45
Fluoranthene	U		3.5	7.4	µg/Kg-dry	1	6/16/2021 02:45
Fluorene	U		5.4	7.4	µg/Kg-dry	1	6/16/2021 02:45
Hexachlorobenzene	U		23	37	µg/Kg-dry	1	6/16/2021 02:45
Hexachlorobutadiene	U		29	37	µg/Kg-dry	1	6/16/2021 02:45
Hexachlorocyclopentadiene	U		35	37	µg/Kg-dry	1	6/16/2021 02:45
Hexachloroethane	U		15	37	µg/Kg-dry	1	6/16/2021 02:45
Indeno(1,2,3-cd)pyrene	U		5.1	7.4	µg/Kg-dry	1	6/16/2021 02:45
Isophorone	U		26	180	µg/Kg-dry	1	6/16/2021 02:45
Naphthalene	U		4.7	7.4	µg/Kg-dry	1	6/16/2021 02:45
Nitrobenzene	U		28	180	µg/Kg-dry	1	6/16/2021 02:45

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B6 (21-23)
Collection Date: 6/3/2021 01:55 PM

Work Order: 21060477
Lab ID: 21060477-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		36	37	µg/Kg-dry	1	6/16/2021 02:45
N-Nitrosodiphenylamine	U		21	37	µg/Kg-dry	1	6/16/2021 02:45
Pentachlorophenol	**130**		**29**	**37**	**µg/Kg-dry**	1	6/16/2021 02:45
Phenanthrene	U		3.4	7.4	µg/Kg-dry	1	6/16/2021 02:45
Phenol	U		19	37	µg/Kg-dry	1	6/16/2021 02:45
Pyrene	U		7.0	7.4	µg/Kg-dry	1	6/16/2021 02:45
Surr: 2,4,6-Tribromophenol	*44.6*			*38-92*	*%REC*	1	6/16/2021 02:45
Surr: 2-Fluorobiphenyl	*77.0*			*44-107*	*%REC*	1	6/16/2021 02:45
Surr: 2-Fluorophenol	*52.6*			*37-109*	*%REC*	1	6/16/2021 02:45
Surr: 4-Terphenyl-d14	*73.6*			*52-123*	*%REC*	1	6/16/2021 02:45
Surr: Nitrobenzene-d5	*76.4*			*41-94*	*%REC*	1	6/16/2021 02:45
Surr: Phenol-d6	*63.4*			*28-111*	*%REC*	1	6/16/2021 02:45
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/7/21		Analyst: **SJB**
GRO (C6-C10)	U		1,200	4,900	µg/Kg-dry	1	6/15/2021 08:50
Surr: Toluene-d8	*86.8*			*70-130*	*%REC*	1	6/15/2021 08:50
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.60	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,1,2,2-Tetrachloroethane	U		0.49	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,1,2-Trichloroethane	U		0.51	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,1,2-Trichlorotrifluoroethane	U		0.84	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,1-Dichloroethane	U		0.47	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,1-Dichloroethene	U		0.75	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,2,3-Trichlorobenzene	U		1.4	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,2,4-Trichlorobenzene	U		0.84	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,2-Dibromo-3-chloropropane	U		0.75	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,2-Dibromoethane	U		0.27	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,2-Dichlorobenzene	U		0.53	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,2-Dichloroethane	U		0.43	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,2-Dichloropropane	U		0.33	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,3-Dichlorobenzene	U		0.46	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
1,4-Dichlorobenzene	U		0.49	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
2-Butanone	U		3.9	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
2-Hexanone	U		1.4	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
4-Methyl-2-pentanone	U		1.4	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Acetone	U		3.5	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
Benzene	U		0.40	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Bromochloromethane	U		0.41	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Bromodichloromethane	U		0.46	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Bromoform	U		0.38	3.8	µg/Kg-dry	0.675	6/15/2021 16:48

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B6 (21-23)
Collection Date: 6/3/2021 01:55 PM

Work Order: 21060477
Lab ID: 21060477-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		1.9	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
Carbon disulfide	U		0.45	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Carbon tetrachloride	U		0.76	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Chlorobenzene	U		0.48	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Chloroethane	U		1.4	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Chloroform	U		0.62	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Chloromethane	U		0.76	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
cis-1,2-Dichloroethene	U		0.41	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
cis-1,3-Dichloropropene	U		0.46	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Cyclohexane	U		1.3	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
Dibromochloromethane	U		0.39	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Dichlorodifluoromethane	U		1.9	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
Ethylbenzene	U		0.66	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Isopropylbenzene	U		0.65	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
m,p-Xylene	U		1.7	1.9	µg/Kg-dry	0.675	6/15/2021 16:48
Methyl acetate	U		0.91	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
Methyl tert-butyl ether	**0.49**	J	**0.46**	**3.8**	**µg/Kg-dry**	0.675	6/15/2021 16:48
Methylcyclohexane	U		1.1	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
Methylene chloride	U		4.7	7.6	µg/Kg-dry	0.675	6/15/2021 16:48
o-Xylene	U		0.91	1.9	µg/Kg-dry	0.675	6/15/2021 16:48
Styrene	U		0.57	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Tetrachloroethene	U		0.68	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Toluene	U		0.65	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
trans-1,2-Dichloroethene	U		0.38	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
trans-1,3-Dichloropropene	U		0.37	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Trichloroethene	U		0.55	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Trichlorofluoromethane	U		0.54	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Vinyl chloride	U		0.53	3.8	µg/Kg-dry	0.675	6/15/2021 16:48
Surr: 1,2-Dichloroethane-d4	*117*			*83-132*	*%REC*	0.675	6/15/2021 16:48
Surr: 4-Bromofluorobenzene	*100*			*83-111*	*%REC*	0.675	6/15/2021 16:48
Surr: Dibromofluoromethane	*55.0*	S		*77-125*	*%REC*	0.675	6/15/2021 16:48
Surr: Toluene-d8	*97.3*			*86-108*	*%REC*	0.675	6/15/2021 16:48
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**11**		**0.10**	**0.10**	**% of sample**	1	6/10/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank
Collection Date: 6/3/2021

Work Order: 21060477
Lab ID: 21060477-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL	Method: **SW8260C**						Analyst: **MF**
1,1,1-Trichloroethane	U		0.79	5.0	µg/Kg	1	6/15/2021 14:20
1,1,2,2-Tetrachloroethane	U		0.64	5.0	µg/Kg	1	6/15/2021 14:20
1,1,2-Trichloroethane	U		0.67	5.0	µg/Kg	1	6/15/2021 14:20
1,1,2-Trichlorotrifluoroethane	U		1.1	5.0	µg/Kg	1	6/15/2021 14:20
1,1-Dichloroethane	U		0.62	5.0	µg/Kg	1	6/15/2021 14:20
1,1-Dichloroethene	U		0.98	5.0	µg/Kg	1	6/15/2021 14:20
1,2,3-Trichlorobenzene	U		1.8	5.0	µg/Kg	1	6/15/2021 14:20
1,2,4-Trichlorobenzene	U		1.1	5.0	µg/Kg	1	6/15/2021 14:20
1,2-Dibromo-3-chloropropane	U		0.99	5.0	µg/Kg	1	6/15/2021 14:20
1,2-Dibromoethane	U		0.36	5.0	µg/Kg	1	6/15/2021 14:20
1,2-Dichlorobenzene	U		0.70	5.0	µg/Kg	1	6/15/2021 14:20
1,2-Dichloroethane	U		0.56	5.0	µg/Kg	1	6/15/2021 14:20
1,2-Dichloropropane	U		0.44	5.0	µg/Kg	1	6/15/2021 14:20
1,3-Dichlorobenzene	U		0.61	5.0	µg/Kg	1	6/15/2021 14:20
1,4-Dichlorobenzene	U		0.64	5.0	µg/Kg	1	6/15/2021 14:20
2-Butanone	U		5.1	10	µg/Kg	1	6/15/2021 14:20
2-Hexanone	U		1.8	5.0	µg/Kg	1	6/15/2021 14:20
4-Methyl-2-pentanone	U		1.8	5.0	µg/Kg	1	6/15/2021 14:20
Acetone	**11**		**4.6**	**10**	**µg/Kg**	1	6/15/2021 14:20
Benzene	U		0.52	5.0	µg/Kg	1	6/15/2021 14:20
Bromochloromethane	U		0.54	5.0	µg/Kg	1	6/15/2021 14:20
Bromodichloromethane	U		0.60	5.0	µg/Kg	1	6/15/2021 14:20
Bromoform	U		0.50	5.0	µg/Kg	1	6/15/2021 14:20
Bromomethane	U		2.5	10	µg/Kg	1	6/15/2021 14:20
Carbon disulfide	U		0.59	5.0	µg/Kg	1	6/15/2021 14:20
Carbon tetrachloride	U		1.0	5.0	µg/Kg	1	6/15/2021 14:20
Chlorobenzene	U		0.63	5.0	µg/Kg	1	6/15/2021 14:20
Chloroethane	U		1.9	5.0	µg/Kg	1	6/15/2021 14:20
Chloroform	U		0.82	5.0	µg/Kg	1	6/15/2021 14:20
Chloromethane	U		1.0	10	µg/Kg	1	6/15/2021 14:20
cis-1,2-Dichloroethene	U		0.54	5.0	µg/Kg	1	6/15/2021 14:20
cis-1,3-Dichloropropene	U		0.60	5.0	µg/Kg	1	6/15/2021 14:20
Cyclohexane	U		1.7	10	µg/Kg	1	6/15/2021 14:20
Dibromochloromethane	U		0.51	5.0	µg/Kg	1	6/15/2021 14:20
Dichlorodifluoromethane	U		2.5	10	µg/Kg	1	6/15/2021 14:20
Ethylbenzene	U		0.87	5.0	µg/Kg	1	6/15/2021 14:20
Isopropylbenzene	U		0.85	5.0	µg/Kg	1	6/15/2021 14:20
m,p-Xylene	U		2.2	2.5	µg/Kg	1	6/15/2021 14:20

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank
Collection Date: 6/3/2021

Work Order: 21060477
Lab ID: 21060477-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Methyl acetate	U		1.2	10	µg/Kg	1	6/15/2021 14:20
Methyl tert-butyl ether	U		0.61	5.0	µg/Kg	1	6/15/2021 14:20
Methylcyclohexane	U		1.5	10	µg/Kg	1	6/15/2021 14:20
Methylene chloride	U		6.2	10	µg/Kg	1	6/15/2021 14:20
o-Xylene	U		1.2	2.5	µg/Kg	1	6/15/2021 14:20
Styrene	U		0.75	5.0	µg/Kg	1	6/15/2021 14:20
Tetrachloroethene	U		0.89	5.0	µg/Kg	1	6/15/2021 14:20
Toluene	U		0.86	5.0	µg/Kg	1	6/15/2021 14:20
trans-1,2-Dichloroethene	U		0.50	5.0	µg/Kg	1	6/15/2021 14:20
trans-1,3-Dichloropropene	U		0.48	5.0	µg/Kg	1	6/15/2021 14:20
Trichloroethene	U		0.72	5.0	µg/Kg	1	6/15/2021 14:20
Trichlorofluoromethane	U		0.71	5.0	µg/Kg	1	6/15/2021 14:20
Vinyl chloride	U		0.70	5.0	µg/Kg	1	6/15/2021 14:20
Surr: 1,2-Dichloroethane-d4	*111*			*83-132*	*%REC*	1	6/15/2021 14:20
Surr: 4-Bromofluorobenzene	*99.5*			*83-111*	*%REC*	1	6/15/2021 14:20
Surr: Dibromofluoromethane	*45.8*	S		*77-125*	*%REC*	1	6/15/2021 14:20
Surr: Toluene-d8	*97.8*			*86-108*	*%REC*	1	6/15/2021 14:20

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29) DUP
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7471B**			Prep: SW7471 / 6/14/21		Analyst: **MTW**
Mercury	**0.036**		**0.013**	**0.020**	**mg/Kg-dry**	1	6/15/2021 13:38
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3050B / 6/14/21		Analyst: **ABL**
Arsenic	**3.7**		**0.10**	**0.40**	**mg/Kg-dry**	1	6/14/2021 19:49
Barium	**67**		**0.50**	**0.81**	**mg/Kg-dry**	1	6/14/2021 19:49
Cadmium	U		0.13	0.81	mg/Kg-dry	1	6/14/2021 19:49
Chromium	**11**		**0.24**	**0.40**	**mg/Kg-dry**	1	6/14/2021 19:49
Lead	**5.9**		**0.32**	**0.40**	**mg/Kg-dry**	1	6/14/2021 19:49
Selenium	U		0.23	0.81	mg/Kg-dry	1	6/14/2021 19:49
Silver	U		0.19	0.40	mg/Kg-dry	1	6/14/2021 19:49
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3550 / 6/11/21		Analyst: **EE**
DRO (C10-C21)	**11**	J	**1.7**	**23**	**mg/Kg-dry**	1	6/15/2021 12:13
ORO (C21-C35)	**4.1**	J	**1.9**	**23**	**mg/Kg-dry**	1	6/15/2021 12:13
Surr: 4-Terphenyl-d14	*55.4*			*25-137*	*%REC*	1	6/15/2021 12:13
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3546 / 6/14/21		Analyst: **EE**
1,1`-Biphenyl	U		26	37	µg/Kg-dry	1	6/16/2021 03:06
1,2,4,5-Tetrachlorobenzene	U		34	190	µg/Kg-dry	1	6/16/2021 03:06
1,4-Dioxane	U		88	190	µg/Kg-dry	1	6/16/2021 03:06
2,2`-Oxybis(1-chloropropane)	U		26	37	µg/Kg-dry	1	6/16/2021 03:06
2,3,4,6-Tetrachlorophenol	U		28	76	µg/Kg-dry	1	6/16/2021 03:06
2,4,5-Trichlorophenol	U		22	37	µg/Kg-dry	1	6/16/2021 03:06
2,4,6-Trichlorophenol	U		10	37	µg/Kg-dry	1	6/16/2021 03:06
2,4-Dichlorophenol	U		20	37	µg/Kg-dry	1	6/16/2021 03:06
2,4-Dimethylphenol	U		19	37	µg/Kg-dry	1	6/16/2021 03:06
2,4-Dinitrophenol	U		67	760	µg/Kg-dry	1	6/16/2021 03:06
2,4-Dinitrotoluene	U		25	37	µg/Kg-dry	1	6/16/2021 03:06
2,6-Dinitrotoluene	U		25	37	µg/Kg-dry	1	6/16/2021 03:06
2-Chloronaphthalene	U		5.3	7.6	µg/Kg-dry	1	6/16/2021 03:06
2-Chlorophenol	U		25	37	µg/Kg-dry	1	6/16/2021 03:06
2-Methylnaphthalene	U		3.8	7.6	µg/Kg-dry	1	6/16/2021 03:06
2-Methylphenol	U		23	37	µg/Kg-dry	1	6/16/2021 03:06
2-Nitroaniline	U		21	37	µg/Kg-dry	1	6/16/2021 03:06
2-Nitrophenol	U		24	37	µg/Kg-dry	1	6/16/2021 03:06
3&4-Methylphenol	U		21	37	µg/Kg-dry	1	6/16/2021 03:06
3,3´-Dichlorobenzidine	U		18	190	µg/Kg-dry	1	6/16/2021 03:06
3-Nitroaniline	U		22	37	µg/Kg-dry	1	6/16/2021 03:06
4,6-Dinitro-2-methylphenol	U		32	37	µg/Kg-dry	1	6/16/2021 03:06

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29) DUP
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
4-Bromophenyl phenyl ether	U		21	37	µg/Kg-dry	1	6/16/2021 03:06
4-Chloro-3-methylphenol	U		28	37	µg/Kg-dry	1	6/16/2021 03:06
4-Chloroaniline	U		19	76	µg/Kg-dry	1	6/16/2021 03:06
4-Chlorophenyl phenyl ether	U		25	37	µg/Kg-dry	1	6/16/2021 03:06
4-Nitroaniline	U		59	190	µg/Kg-dry	1	6/16/2021 03:06
4-Nitrophenol	U		18	190	µg/Kg-dry	1	6/16/2021 03:06
Acenaphthene	U		5.5	7.6	µg/Kg-dry	1	6/16/2021 03:06
Acenaphthylene	U		4.9	7.6	µg/Kg-dry	1	6/16/2021 03:06
Acetophenone	U		24	37	µg/Kg-dry	1	6/16/2021 03:06
Anthracene	U		5.3	7.6	µg/Kg-dry	1	6/16/2021 03:06
Atrazine	U		22	37	µg/Kg-dry	1	6/16/2021 03:06
Benzaldehyde	U		58	76	µg/Kg-dry	1	6/16/2021 03:06
Benzo(a)anthracene	U		6.5	7.6	µg/Kg-dry	1	6/16/2021 03:06
Benzo(a)pyrene	U		4.6	7.6	µg/Kg-dry	1	6/16/2021 03:06
Benzo(b)fluoranthene	U		5.6	7.6	µg/Kg-dry	1	6/16/2021 03:06
Benzo(g,h,i)perylene	U		5.8	7.6	µg/Kg-dry	1	6/16/2021 03:06
Benzo(k)fluoranthene	U		5.7	7.6	µg/Kg-dry	1	6/16/2021 03:06
Bis(2-chloroethoxy)methane	U		24	37	µg/Kg-dry	1	6/16/2021 03:06
Bis(2-chloroethyl)ether	U		27	37	µg/Kg-dry	1	6/16/2021 03:06
Bis(2-ethylhexyl)phthalate	U		31	37	µg/Kg-dry	1	6/16/2021 03:06
Butyl benzyl phthalate	U		47	76	µg/Kg-dry	1	6/16/2021 03:06
Caprolactam	U		58	76	µg/Kg-dry	1	6/16/2021 03:06
Carbazole	U		27	37	µg/Kg-dry	1	6/16/2021 03:06
Chrysene	U		6.1	7.6	µg/Kg-dry	1	6/16/2021 03:06
Dibenzo(a,h)anthracene	U		4.1	7.6	µg/Kg-dry	1	6/16/2021 03:06
Dibenzofuran	U		23	37	µg/Kg-dry	1	6/16/2021 03:06
Diethyl phthalate	U		30	37	µg/Kg-dry	1	6/16/2021 03:06
Dimethyl phthalate	U		29	37	µg/Kg-dry	1	6/16/2021 03:06
Di-n-butyl phthalate	U		23	37	µg/Kg-dry	1	6/16/2021 03:06
Di-n-octyl phthalate	U		33	37	µg/Kg-dry	1	6/16/2021 03:06
Fluoranthene	U		3.6	7.6	µg/Kg-dry	1	6/16/2021 03:06
Fluorene	U		5.5	7.6	µg/Kg-dry	1	6/16/2021 03:06
Hexachlorobenzene	U		23	37	µg/Kg-dry	1	6/16/2021 03:06
Hexachlorobutadiene	U		29	37	µg/Kg-dry	1	6/16/2021 03:06
Hexachlorocyclopentadiene	U		36	37	µg/Kg-dry	1	6/16/2021 03:06
Hexachloroethane	U		16	37	µg/Kg-dry	1	6/16/2021 03:06
Indeno(1,2,3-cd)pyrene	U		5.3	7.6	µg/Kg-dry	1	6/16/2021 03:06
Isophorone	U		27	190	µg/Kg-dry	1	6/16/2021 03:06
Naphthalene	U		4.8	7.6	µg/Kg-dry	1	6/16/2021 03:06
Nitrobenzene	U		29	190	µg/Kg-dry	1	6/16/2021 03:06

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29) DUP
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
N-Nitrosodi-n-propylamine	U		37	37	µg/Kg-dry	1	6/16/2021 03:06
N-Nitrosodiphenylamine	U		22	37	µg/Kg-dry	1	6/16/2021 03:06
Pentachlorophenol	**140**		**30**	**37**	**µg/Kg-dry**	1	6/16/2021 03:06
Phenanthrene	U		3.5	7.6	µg/Kg-dry	1	6/16/2021 03:06
Phenol	U		19	37	µg/Kg-dry	1	6/16/2021 03:06
Pyrene	U		7.2	7.6	µg/Kg-dry	1	6/16/2021 03:06
Surr: 2,4,6-Tribromophenol	*18.8*	S		*38-92*	*%REC*	1	6/16/2021 03:06
Surr: 2-Fluorobiphenyl	*54.3*			*44-107*	*%REC*	1	6/16/2021 03:06
Surr: 2-Fluorophenol	*30.6*	S		*37-109*	*%REC*	1	6/16/2021 03:06
Surr: 4-Terphenyl-d14	*46.7*	S		*52-123*	*%REC*	1	6/16/2021 03:06
Surr: Nitrobenzene-d5	*59.5*			*41-94*	*%REC*	1	6/16/2021 03:06
Surr: Phenol-d6	*32.9*			*28-111*	*%REC*	1	6/16/2021 03:06
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035A / 6/7/21		Analyst: **SJB**
GRO (C6-C10)	**4,000**	J	**1,500**	**5,800**	**µg/Kg-dry**	1	6/15/2021 09:23
Surr: Toluene-d8	*87.6*			*70-130*	*%REC*	1	6/15/2021 09:23
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL		Method: **SW8260C**					Analyst: **MF**
1,1,1-Trichloroethane	U		0.65	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,1,2,2-Tetrachloroethane	U		0.53	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,1,2-Trichloroethane	U		0.56	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,1,2-Trichlorotrifluoroethane	U		0.91	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,1-Dichloroethane	U		0.51	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,1-Dichloroethene	U		0.81	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,2,3-Trichlorobenzene	U		1.5	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,2,4-Trichlorobenzene	U		0.91	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,2-Dibromo-3-chloropropane	U		0.82	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,2-Dibromoethane	U		0.30	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,2-Dichlorobenzene	U		0.58	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,2-Dichloroethane	U		0.46	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,2-Dichloropropane	U		0.36	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,3-Dichlorobenzene	U		0.51	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
1,4-Dichlorobenzene	U		0.53	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
2-Butanone	U		4.2	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
2-Hexanone	U		1.5	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
4-Methyl-2-pentanone	U		1.5	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Acetone	**5.3**	J	**3.8**	**8.3**	**µg/Kg-dry**	0.704	6/15/2021 17:05
Benzene	U		0.43	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Bromochloromethane	U		0.45	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Bromodichloromethane	U		0.50	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Bromoform	U		0.41	4.1	µg/Kg-dry	0.704	6/15/2021 17:05

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *18-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4 (27-29) DUP
Collection Date: 6/3/2021 11:15 AM

Work Order: 21060477
Lab ID: 21060477-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	U		2.1	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
Carbon disulfide	U		0.49	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Carbon tetrachloride	U		0.83	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Chlorobenzene	U		0.52	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Chloroethane	U		1.6	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Chloroform	U		0.68	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Chloromethane	U		0.83	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
cis-1,2-Dichloroethene	U		0.45	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
cis-1,3-Dichloropropene	U		0.50	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Cyclohexane	U		1.4	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
Dibromochloromethane	U		0.42	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Dichlorodifluoromethane	U		2.1	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
Ethylbenzene	U		0.72	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Isopropylbenzene	U		0.70	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
m,p-Xylene	U		1.8	2.1	µg/Kg-dry	0.704	6/15/2021 17:05
Methyl acetate	U		0.99	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
Methyl tert-butyl ether	U		0.51	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Methylcyclohexane	U		1.2	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
Methylene chloride	U		5.1	8.3	µg/Kg-dry	0.704	6/15/2021 17:05
o-Xylene	U		0.99	2.1	µg/Kg-dry	0.704	6/15/2021 17:05
Styrene	U		0.62	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Tetrachloroethene	U		0.74	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Toluene	U		0.71	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
trans-1,2-Dichloroethene	U		0.41	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
trans-1,3-Dichloropropene	U		0.40	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Trichloroethene	U		0.60	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Trichlorofluoromethane	U		0.59	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Vinyl chloride	U		0.58	4.1	µg/Kg-dry	0.704	6/15/2021 17:05
Surr: 1,2-Dichloroethane-d4	*116*			*83-132*	*%REC*	0.704	6/15/2021 17:05
Surr: 4-Bromofluorobenzene	*100*			*83-111*	*%REC*	0.704	6/15/2021 17:05
Surr: Dibromofluoromethane	*64.4*	S		*77-125*	*%REC*	0.704	6/15/2021 17:05
Surr: Toluene-d8	*99.3*			*86-108*	*%REC*	0.704	6/15/2021 17:05
MOISTURE		Method: **SW3550C**					Analyst: **KTP**
Moisture	**15**		**0.10**	**0.10**	**% of sample**	1	6/10/2021 14:53

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech

QC BATCH REPORT

Work Order: 21060477

Project: Advance Auto Parts (103G65210190.06.03)

Batch ID: **178415** Instrument ID **HG4** Method: **SW7471B**

MBLK Sample ID: **MBLK-178415-178415** Units: **mg/Kg** Analysis Date: **6/14/2021 06:30 PM**

Client ID: Run ID: **HG4_210614A** SeqNo: **7486402** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.014	0.020								

LCS Sample ID: **LCS-178415-178415** Units: **mg/Kg** Analysis Date: **6/14/2021 06:32 PM**

Client ID: Run ID: **HG4_210614A** SeqNo: **7486404** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1525	0.014	0.020	0.167	0	91.6	80-120	0			

MS Sample ID: **21061139-05BMS** Units: **mg/Kg** Analysis Date: **6/15/2021 02:04 PM**

Client ID: Run ID: **HG4_210615A** SeqNo: **7489910** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1563	0.012	0.018	0.148	0.01235	97.3	75-125	0			

MSD Sample ID: **21061139-05BMSD** Units: **mg/Kg** Analysis Date: **6/15/2021 02:06 PM**

Client ID: Run ID: **HG4_210615A** SeqNo: **7489911** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1615	0.012	0.018	0.149	0.01235	100	75-125	0.1563	3.25	35	

The following samples were analyzed in this batch:

21060477-01C	21060477-02C	21060477-03C
21060477-04C	21060477-05C	21060477-06C
21060477-08C		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178473** Instrument ID **ICP2** Method: **SW6010D**

MBLK Sample ID: **MBLK-178473-178473** Units: **mg/Kg** Analysis Date: **6/14/2021 06:22 PM**
Client ID: Run ID: **ICP2_210614A** SeqNo: **7486923** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.065	0.25								
Barium	U	0.31	0.50								
Cadmium	U	0.081	0.50								
Chromium	U	0.15	0.25								
Lead	U	0.2	0.25								
Selenium	U	0.14	0.50								
Silver	U	0.12	0.25								

LCS Sample ID: **LCS-178473-178473** Units: **mg/Kg** Analysis Date: **6/14/2021 06:28 PM**
Client ID: Run ID: **ICP2_210614A** SeqNo: **7486924** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.785	0.065	0.25	5	0	95.7	80-120	0			
Barium	5.378	0.31	0.50	5	0	108	80-120	0			
Cadmium	4.92	0.081	0.50	5	0	98.4	80-120	0			
Chromium	5.325	0.15	0.25	5	0	106	80-120	0			
Lead	5.123	0.2	0.25	5	0	102	80-120	0			
Selenium	4.79	0.14	0.50	5	0	95.8	80-120	0			
Silver	4.85	0.12	0.25	5	0	97	80-120	0			

MS Sample ID: **21060477-06CMS** Units: **mg/Kg** Analysis Date: **6/14/2021 07:39 PM**
Client ID: **9846-B6 (21-23)** Run ID: **ICP2_210614A** SeqNo: **7486938** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	6.456	0.093	0.36	7.174	1.102	74.6	75-125	0			S
Barium	413.5	0.44	0.72	7.174	252.7	2240	75-125	0			SO
Cadmium	5.56	0.12	0.72	7.174	-0.3347	82.2	75-125	0			
Chromium	18.18	0.22	0.36	7.174	8.889	130	75-125	0			S
Lead	7.629	0.29	0.36	7.174	2.008	78.3	75-125	0			
Selenium	5.775	0.2	0.72	7.174	0.2448	77.1	75-125	0			
Silver	7.686	0.17	0.36	7.174	0.2943	103	75-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178473** Instrument ID **ICP2** Method: **SW6010D**

MSD Sample ID: **21060477-06CMSD** Units: **mg/Kg** Analysis Date: **6/14/2021 07:44 PM**

Client ID: **9846-B6 (21-23)** Run ID: **ICP2_210614A** SeqNo: **7486939** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	6.069	0.087	0.34	6.72	1.102	73.9	75-125	6.456	6.19	20	S
Barium	292.2	0.42	0.67	6.72	252.7	587	75-125	413.5	34.4	20	SRO
Cadmium	4.805	0.11	0.67	6.72	-0.3347	76.5	75-125	5.56	14.6	20	
Chromium	18.5	0.2	0.34	6.72	8.889	143	75-125	18.18	1.72	20	S
Lead	7.09	0.27	0.34	6.72	2.008	75.6	75-125	7.629	7.31	20	
Selenium	4.926	0.19	0.67	6.72	0.2448	69.7	75-125	5.775	15.9	20	S
Silver	7.131	0.16	0.34	6.72	0.2943	102	75-125	7.686	7.49	20	

The following samples were analyzed in this batch:

21060477-01C	21060477-02C	21060477-03C
21060477-04C	21060477-05C	21060477-06C
21060477-08C		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178371** Instrument ID **SVMS9** Method: **SW8270**

MBLK Sample ID: **DBLKS1-178371-178371** Units: **mg/Kg** Analysis Date: **6/15/2021 02:33 AM**
Client ID: Run ID: **SVMS9_210614A** SeqNo: **7492245** Prep Date: **6/11/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	10.84	1.5	20								J
ORO (C21-C35)	20.54	1.7	20								
Surr: 4-Terphenyl-d14	*2.29*	0	0	*3.333*	0	*68.7*	*25-137*	0			

LCS Sample ID: **DLCSS1-178371-178371** Units: **mg/Kg** Analysis Date: **6/15/2021 03:04 AM**
Client ID: Run ID: **SVMS9_210614A** SeqNo: **7492246** Prep Date: **6/11/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	271.2	1.5	20	333.3	0	81.4	31-135	0			
ORO (C21-C35)	315.5	1.7	20	333.3	0	94.6	31-135	0			B
Surr: 4-Terphenyl-d14	*2.177*	0	0	*3.333*	0	*65.3*	*25-137*	0			

MS Sample ID: **21060477-06D MS** Units: **mg/Kg** Analysis Date: **6/15/2021 08:08 AM**
Client ID: **9846-B6 (21-23)** Run ID: **SVMS9_210614A** SeqNo: **7492256** Prep Date: **6/11/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	269.9	1.5	20	332	9.321	78.5	31-135	0			
ORO (C21-C35)	320.4	1.7	20	332	7.569	94.2	31-135	0			B
Surr: 4-Terphenyl-d14	*2.32*	0	0	*3.32*	0	*69.9*	*25-137*	0			

MSD Sample ID: **21060477-06D MSD** Units: **mg/Kg** Analysis Date: **6/15/2021 08:38 AM**
Client ID: **9846-B6 (21-23)** Run ID: **SVMS9_210614A** SeqNo: **7492257** Prep Date: **6/11/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	231.9	1.5	20	329.6	9.321	67.5	31-135	269.9	15.1	30	
ORO (C21-C35)	256.3	1.7	20	329.6	7.569	75.5	31-135	320.4	22.2	30	B
Surr: 4-Terphenyl-d14	*1.83*	0	0	*3.295*	0	*55.5*	*25-137*	2.32	*23.6*	*30*	

The following samples were analyzed in this batch:

21060477-01D	21060477-02D	21060477-03D
21060477-04D	21060477-05D	21060477-06D
21060477-08D		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

MBLK Sample ID: **SBLKS1-178486-178486** Units: **µg/Kg** Analysis Date: **6/15/2021 06:11 PM**
Client ID: Run ID: **SVMS8_210615A** SeqNo: **7495577** Prep Date: **6/14/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	U	23	33								
1,2,4,5-Tetrachlorobenzene	U	30	170								
1,4-Dioxane	U	78	170								
2,2`-Oxybis(1-chloropropane)	U	23	33								
2,3,4,6-Tetrachlorophenol	U	24	67								
2,4,5-Trichlorophenol	U	20	33								
2,4,6-Trichlorophenol	U	8.9	33								
2,4-Dichlorophenol	U	18	33								
2,4-Dimethylphenol	U	17	33								
2,4-Dinitrophenol	U	59	670								
2,4-Dinitrotoluene	U	22	33								
2,6-Dinitrotoluene	U	22	33								
2-Chloronaphthalene	U	4.7	6.7								
2-Chlorophenol	U	22	33								
2-Methylnaphthalene	U	3.4	6.7								
2-Methylphenol	U	20	33								
2-Nitroaniline	U	19	33								
2-Nitrophenol	U	21	33								
3&4-Methylphenol	U	18	33								
3,3´-Dichlorobenzidine	U	16	170								
3-Nitroaniline	U	19	33								
4,6-Dinitro-2-methylphenol	U	28	33								
4-Bromophenyl phenyl ether	U	18	33								
4-Chloro-3-methylphenol	U	25	33								
4-Chloroaniline	U	17	67								
4-Chlorophenyl phenyl ether	U	22	33								
4-Nitroaniline	U	52	170								
4-Nitrophenol	U	16	170								
Acenaphthene	U	4.8	6.7								
Acenaphthylene	U	4.3	6.7								
Acetophenone	U	21	33								
Anthracene	U	4.7	6.7								
Atrazine	U	20	33								
Benzaldehyde	U	51	67								
Benzo(a)anthracene	U	5.8	6.7								
Benzo(a)pyrene	U	4.1	6.7								
Benzo(b)fluoranthene	U	5	6.7								
Benzo(g,h,i)perylene	U	5.1	6.7								
Benzo(k)fluoranthene	U	5	6.7								
Bis(2-chloroethoxy)methane	U	21	33								
Bis(2-chloroethyl)ether	U	24	33								
Bis(2-ethylhexyl)phthalate	U	28	33								
Butyl benzyl phthalate	U	42	67								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

Caprolactam	U	51	67					
Carbazole	U	24	33					
Chrysene	U	5.4	6.7					
Dibenzo(a,h)anthracene	U	3.6	6.7					
Dibenzofuran	U	21	33					
Diethyl phthalate	U	26	33					
Dimethyl phthalate	U	25	33					
Di-n-butyl phthalate	U	20	33					
Di-n-octyl phthalate	U	29	33					
Fluoranthene	U	3.2	6.7					
Fluorene	U	4.8	6.7					
Hexachlorobenzene	U	21	33					
Hexachlorobutadiene	U	26	33					
Hexachlorocyclopentadiene	U	32	33					
Hexachloroethane	U	14	33					
Indeno(1,2,3-cd)pyrene	U	4.6	6.7					
Isophorone	U	24	170					
Naphthalene	U	4.3	6.7					
Nitrobenzene	U	25	170					
N-Nitrosodi-n-propylamine	U	32	33					
N-Nitrosodiphenylamine	U	19	33					
Pentachlorophenol	U	26	33					
Phenanthrene	U	3.1	6.7					
Phenol	U	17	33					
Pyrene	U	6.3	6.7					
Surr: 2,4,6-Tribromophenol	*2490*	0	0	*3333*	0	*74.7*	*38-92*	0
Surr: 2-Fluorobiphenyl	*2727*	0	0	*3333*	0	*81.8*	*44-107*	0
Surr: 2-Fluorophenol	*2797*	0	0	*3333*	0	*83.9*	*37-109*	0
Surr: 4-Terphenyl-d14	*2787*	0	0	*3333*	0	*83.6*	*52-123*	0
Surr: Nitrobenzene-d5	*2821*	0	0	*3333*	0	*84.6*	*41-94*	0
Surr: Phenol-d6	*3581*	0	0	*3333*	0	*107*	*28-111*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

LCS	Sample ID: **SLCSS1-178486-178486**				Units: **µg/Kg**			Analysis Date: **6/15/2021 06:33 PM**			
Client ID:		Run ID: **SVMS8_210615A**			SeqNo: **7495578**			Prep Date: **6/14/2021**		DF: **1**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	1203	23	33	1333	0	90.2	53-97	0			
1,2,4,5-Tetrachlorobenzene	1163	30	170	1333	0	87.2	51-96	0			
2,2`-Oxybis(1-chloropropane)	1174	23	33	1333	0	88.1	47-107	0			
2,3,4,6-Tetrachlorophenol	1064	24	67	1333	0	79.8	51-110	0			
2,4,5-Trichlorophenol	1074	20	33	1333	0	80.6	52-111	0			
2,4,6-Trichlorophenol	1100	8.9	33	1333	0	82.5	46-105	0			
2,4-Dichlorophenol	1110	18	33	1333	0	83.3	47-96	0			
2,4-Dimethylphenol	1115	17	33	1333	0	83.6	49-97	0			
2,4-Dinitrophenol	672	59	670	1333	0	50.4	10-106	0			
2,4-Dinitrotoluene	1210	22	33	1333	0	90.8	58-110	0			
2,6-Dinitrotoluene	1229	22	33	1333	0	92.2	59-108	0			
2-Chloronaphthalene	1188	4.7	6.7	1333	0	89.1	56-104	0			
2-Chlorophenol	1182	22	33	1333	0	88.7	50-104	0			
2-Methylnaphthalene	1189	3.4	6.7	1333	0	89.2	54-96	0			
2-Methylphenol	1212	20	33	1333	0	90.9	49-105	0			
2-Nitroaniline	1189	19	33	1333	0	89.2	54-107	0			
2-Nitrophenol	1177	21	33	1333	0	88.3	51-94	0			
3&4-Methylphenol	1172	18	33	1333	0	87.9	48-105	0			
3,3´-Dichlorobenzidine	879.3	16	170	1333	0	66	39-99	0			
3-Nitroaniline	1089	19	33	1333	0	81.7	17-92	0			
4,6-Dinitro-2-methylphenol	969.3	28	33	1333	0	72.7	32-103	0			
4-Bromophenyl phenyl ether	1204	18	33	1333	0	90.3	60-106	0			
4-Chloro-3-methylphenol	1188	25	33	1333	0	89.1	51-101	0			
4-Chloroaniline	762.7	17	67	1333	0	57.2	27-110	0			
4-Chlorophenyl phenyl ether	1183	22	33	1333	0	88.8	58-106	0			
4-Nitroaniline	1101	52	170	1333	0	82.6	21-100	0			
4-Nitrophenol	1148	16	170	1333	0	86.1	29-120	0			
Acenaphthene	1196	4.8	6.7	1333	0	89.7	55-101	0			
Acenaphthylene	1143	4.3	6.7	1333	0	85.7	59-106	0			
Acetophenone	1181	21	33	1333	0	88.6	51-100	0			
Anthracene	1203	4.7	6.7	1333	0	90.3	67-105	0			
Atrazine	1202	20	33	1333	0	90.2	45-125	0			
Benzaldehyde	1152	51	67	1333	0	86.4	10-120	0			
Benzo(a)anthracene	1195	5.8	6.7	1333	0	89.6	68-105	0			
Benzo(a)pyrene	1184	4.1	6.7	1333	0	88.8	68-110	0			
Benzo(b)fluoranthene	1219	5	6.7	1333	0	91.4	65-110	0			
Benzo(g,h,i)perylene	1110	5.1	6.7	1333	0	83.3	60-120	0			
Benzo(k)fluoranthene	1225	5	6.7	1333	0	91.9	66-113	0			
Bis(2-chloroethoxy)methane	1193	21	33	1333	0	89.5	53-96	0			
Bis(2-chloroethyl)ether	1169	24	33	1333	0	87.7	47-108	0			
Bis(2-ethylhexyl)phthalate	1150	28	33	1333	0	86.3	59-117	0			
Butyl benzyl phthalate	1153	42	67	1333	0	86.5	59-106	0			
Caprolactam	1117	51	67	1333	0	83.8	42-105	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

Carbazole	1185	24	33	1333	0	88.9	67-108	0
Chrysene	1196	5.4	6.7	1333	0	89.7	68-108	0
Dibenzo(a,h)anthracene	1124	3.6	6.7	1333	0	84.3	62-119	0
Dibenzofuran	1195	21	33	1333	0	89.7	60-104	0
Diethyl phthalate	1213	26	33	1333	0	91	62-111	0
Dimethyl phthalate	1202	25	33	1333	0	90.2	62-106	0
Di-n-butyl phthalate	1179	20	33	1333	0	88.4	59-105	0
Di-n-octyl phthalate	1161	29	33	1333	0	87.1	51-123	0
Fluoranthene	1178	3.2	6.7	1333	0	88.4	67-106	0
Fluorene	1211	4.8	6.7	1333	0	90.8	59-107	0
Hexachlorobenzene	1225	21	33	1333	0	91.9	62-103	0
Hexachlorobutadiene	1176	26	33	1333	0	88.2	51-94	0
Hexachlorocyclopentadiene	1190	32	33	1333	0	89.3	25-120	0
Hexachloroethane	1143	14	33	1333	0	85.8	55-93	0
Indeno(1,2,3-cd)pyrene	1115	4.6	6.7	1333	0	83.7	56-120	0
Isophorone	1157	24	170	1333	0	86.8	52-99	0
Naphthalene	1179	4.3	6.7	1333	0	88.5	46-98	0
Nitrobenzene	1185	25	170	1333	0	88.9	53-95	0
N-Nitrosodi-n-propylamine	1219	32	33	1333	0	91.4	50-104	0
N-Nitrosodiphenylamine	1213	19	33	1333	0	91	63-107	0
Pentachlorophenol	1016	26	33	1333	0	76.2	34-106	0
Phenanthrene	1208	3.1	6.7	1333	0	90.6	66-101	0
Phenol	1201	17	33	1333	0	90.1	44-109	0
Pyrene	1273	6.3	6.7	1333	0	95.5	60-119	0
Surr: 2,4,6-Tribromophenol	*2795*	0	0	*3333*	0	*83.8*	*38-92*	0
Surr: 2-Fluorobiphenyl	*2915*	0	0	*3333*	0	*87.4*	*44-107*	0
Surr: 2-Fluorophenol	*2928*	0	0	*3333*	0	*87.8*	*37-109*	0
Surr: 4-Terphenyl-d14	*3094*	0	0	*3333*	0	*92.8*	*52-123*	0
Surr: Nitrobenzene-d5	*2887*	0	0	*3333*	0	*86.6*	*41-94*	0
Surr: Phenol-d6	*3327*	0	0	*3333*	0	*99.8*	*28-111*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

MS	Sample ID: **21060979-03C MS**				Units: **µg/Kg**			Analysis Date: **6/15/2021 07:37 PM**			
Client ID:		Run ID: **SVMS8_210615A**			SeqNo: **7495581**			Prep Date: **6/14/2021**		DF: **20**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	1150	460	650	1307	0	88	53-97	0			
1,2,4,5-Tetrachlorobenzene	1098	580	3,300	1307	0	84	51-96	0			J
2,2`-Oxybis(1-chloropropane)	1098	450	650	1307	0	84	47-107	0			
2,3,4,6-Tetrachlorophenol	797.4	480	1,300	1307	0	61	51-110	0			J
2,4,5-Trichlorophenol	862.7	390	650	1307	0	66	52-111	0			
2,4,6-Trichlorophenol	888.9	170	650	1307	0	68	46-105	0			
2,4-Dichlorophenol	954.2	350	650	1307	0	73	47-96	0			
2,4-Dimethylphenol	1007	340	650	1307	0	77	49-97	0			
2,4-Dinitrophenol	U	1200	13,000	1307	0	0	10-106	0			S
2,4-Dinitrotoluene	875.8	420	650	1307	0	67	58-110	0			
2,6-Dinitrotoluene	993.5	430	650	1307	0	76	59-108	0			
2-Chloronaphthalene	1072	91	130	1307	0	82	56-104	0			
2-Chlorophenol	1007	440	650	1307	0	77	50-104	0			
2-Methylnaphthalene	1033	66	130	1307	0	79	54-96	0			
2-Methylphenol	1098	400	650	1307	0	84	49-105	0			
2-Nitroaniline	1033	360	650	1307	0	79	54-107	0			
2-Nitrophenol	980.4	410	650	1307	0	75	51-94	0			
3&4-Methylphenol	1033	360	650	1307	0	79	48-105	0			
3,3´-Dichlorobenzidine	719	310	3,300	1307	0	55	39-99	0			J
3-Nitroaniline	1033	380	650	1307	0	79	17-92	0			
4,6-Dinitro-2-methylphenol	2549	550	650	1307	0	195	32-103	0			S
4-Bromophenyl phenyl ether	1098	360	650	1307	0	84	60-106	0			
4-Chloro-3-methylphenol	862.7	480	650	1307	0	66	51-101	0			
4-Chloroaniline	797.4	330	1,300	1307	0	61	27-110	0			J
4-Chlorophenyl phenyl ether	1085	420	650	1307	0	83	58-106	0			
4-Nitroaniline	1046	1000	3,300	1307	0	80	21-100	0			J
4-Nitrophenol	1111	320	3,300	1307	0	85	29-120	0			J
Acenaphthene	1072	95	130	1307	0	82	55-101	0			
Acenaphthylene	941.2	85	130	1307	0	72	59-106	0			
Acetophenone	1072	420	650	1307	0	82	51-100	0			
Anthracene	967.3	92	130	1307	0	74	67-105	0			
Atrazine	980.4	380	650	1307	0	75	45-125	0			
Benzaldehyde	1033	1000	1,300	1307	0	79	10-120	0			J
Benzo(a)anthracene	993.5	110	130	1307	0	76	68-105	0			
Benzo(a)pyrene	888.9	80	130	1307	0	68	68-110	0			
Benzo(b)fluoranthene	888.9	97	130	1307	0	68	65-110	0			
Benzo(g,h,i)perylene	1059	100	130	1307	0	81	60-120	0			
Benzo(k)fluoranthene	954.2	99	130	1307	0	73	66-113	0			
Bis(2-chloroethoxy)methane	1046	410	650	1307	0	80	53-96	0			
Bis(2-chloroethyl)ether	1163	460	650	1307	0	89	47-108	0			
Bis(2-ethylhexyl)phthalate	627.5	540	650	1307	0	48	59-117	0			JS
Butyl benzyl phthalate	U	820	1,300	1307	0	0	59-106	0			S
Caprolactam	U	1000	1,300	1307	0	0	42-105	0			S

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

Carbazole	941.2	470	650	1307	0	72	67-108	0	
Chrysene	1085	110	130	1307	0	83	68-108	0	
Dibenzo(a,h)anthracene	954.2	71	130	1307	0	73	62-119	0	
Dibenzofuran	1150	400	650	1307	0	88	60-104	0	
Diethyl phthalate	993.5	520	650	1307	0	76	62-111	0	
Dimethyl phthalate	627.5	500	650	1307	0	48	62-106	0	JS
Di-n-butyl phthalate	823.5	400	650	1307	0	63	59-105	0	
Di-n-octyl phthalate	627.5	570	650	1307	0	48	51-123	0	JS
Fluoranthene	941.2	63	130	1307	0	72	67-106	0	
Fluorene	1046	95	130	1307	0	80	59-107	0	
Hexachlorobenzene	1176	400	650	1307	0	90	62-103	0	
Hexachlorobutadiene	1072	510	650	1307	0	82	51-94	0	
Hexachlorocyclopentadiene	692.8	620	650	1307	0	53	25-120	0	
Hexachloroethane	888.9	270	650	1307	0	68	55-93	0	
Indeno(1,2,3-cd)pyrene	902	91	130	1307	0	69	56-120	0	
Isophorone	1007	460	3,300	1307	0	77	52-99	0	J
Naphthalene	1085	84	130	1307	0	83	46-98	0	
Nitrobenzene	1059	490	3,300	1307	0	81	53-95	0	J
N-Nitrosodi-n-propylamine	1059	640	650	1307	0	81	50-104	0	
N-Nitrosodiphenylamine	1007	370	650	1307	0	77	63-107	0	
Pentachlorophenol	1294	520	650	1307	0	99	34-106	0	
Phenanthrene	1059	61	130	1307	0	81	66-101	0	
Phenol	1150	330	650	1307	0	88	44-109	0	
Pyrene	1176	120	130	1307	0	90	60-119	0	
Surr: 2,4,6-Tribromophenol	*2209*	0	0	*3268*	0	*67.6*	*38-92*	0	
Surr: 2-Fluorobiphenyl	*2693*	0	0	*3268*	0	*82.4*	*44-107*	0	
Surr: 2-Fluorophenol	*2484*	0	0	*3268*	0	*76*	*37-109*	0	
Surr: 4-Terphenyl-d14	*2745*	0	0	*3268*	0	*84*	*52-123*	0	
Surr: Nitrobenzene-d5	*2471*	0	0	*3268*	0	*75.6*	*41-94*	0	
Surr: Phenol-d6	*2562*	0	0	*3268*	0	*78.4*	*28-111*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

MSD Sample ID: **21060979-03C MSD** Units: **µg/Kg** Analysis Date: **6/15/2021 07:59 PM**
Client ID: Run ID: **SVMS8_210615A** SeqNo: **7495582** Prep Date: **6/14/2021** DF: **20**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	1013	450	640	1298	0	78	53-97	1150	12.7	30	
1,2,4,5-Tetrachlorobenzene	1026	580	3,300	1298	0	79	51-96	1098	0	30	J
2,2`-Oxybis(1-chloropropane)	895.9	440	640	1298	0	69	47-107	1098	20.3	30	
2,3,4,6-Tetrachlorophenol	805	480	1,300	1298	0	62	51-110	797.4	0	30	J
2,4,5-Trichlorophenol	844	380	640	1298	0	65	52-111	862.7	2.2	30	
2,4,6-Trichlorophenol	908.9	170	640	1298	0	70	46-105	888.9	2.23	30	
2,4-Dichlorophenol	908.9	350	640	1298	0	70	47-96	954.2	4.87	30	
2,4-Dimethylphenol	921.9	330	640	1298	0	71	49-97	1007	8.78	30	
2,4-Dinitrophenol	U	1200	13,000	1298	0	0	10-106	0	0	30	S
2,4-Dinitrotoluene	805	420	640	1298	0	62	58-110	875.8	8.42	30	
2,6-Dinitrotoluene	831	420	640	1298	0	64	59-108	993.5	17.8	30	
2-Chloronaphthalene	1013	91	130	1298	0	78	56-104	1072	5.67	30	
2-Chlorophenol	1039	440	640	1298	0	80	50-104	1007	3.15	30	
2-Methylnaphthalene	921.9	66	130	1298	0	71	54-96	1033	11.3	30	
2-Methylphenol	947.9	400	640	1298	0	73	49-105	1098	14.7	30	
2-Nitroaniline	882.9	360	640	1298	0	68	54-107	1033	15.6	30	
2-Nitrophenol	947.9	410	640	1298	0	73	51-94	980.4	3.37	30	
3&4-Methylphenol	934.9	350	640	1298	0	72	48-105	1033	9.94	30	
3,3´-Dichlorobenzidine	610.3	300	3,300	1298	0	47	39-99	719	0	30	J
3-Nitroaniline	895.9	380	640	1298	0	69	17-92	1033	14.2	30	
4,6-Dinitro-2-methylphenol	2558	540	640	1298	0	197	32-103	2549	0.349	30	S
4-Bromophenyl phenyl ether	960.9	360	640	1298	0	74	60-106	1098	13.3	30	
4-Chloro-3-methylphenol	779.1	480	640	1298	0	60	51-101	862.7	10.2	30	
4-Chloroaniline	649.2	330	1,300	1298	0	50	27-110	797.4	0	30	J
4-Chlorophenyl phenyl ether	1052	420	640	1298	0	81	58-106	1085	3.11	30	
4-Nitroaniline	U	1000	3,300	1298	0	0	21-100	1046	0	30	S
4-Nitrophenol	844	310	3,300	1298	0	65	29-120	1111	0	30	J
Acenaphthene	973.8	94	130	1298	0	75	55-101	1072	9.59	30	
Acenaphthylene	857	84	130	1298	0	66	59-106	941.2	9.37	30	
Acetophenone	986.8	410	640	1298	0	76	51-100	1072	8.27	30	
Anthracene	921.9	92	130	1298	0	71	67-105	967.3	4.81	30	
Atrazine	818	380	640	1298	0	63	45-125	980.4	18.1	30	
Benzaldehyde	U	1000	1,300	1298	0	0	10-120	1033	0	30	S
Benzo(a)anthracene	895.9	110	130	1298	0	69	68-105	993.5	10.3	30	
Benzo(a)pyrene	857	80	130	1298	0	66	68-110	888.9	3.66	30	S
Benzo(b)fluoranthene	870	97	130	1298	0	67	65-110	888.9	2.15	30	
Benzo(g,h,i)perylene	947.9	100	130	1298	0	73	60-120	1059	11.1	30	
Benzo(k)fluoranthene	831	98	130	1298	0	64	66-113	954.2	13.8	30	S
Bis(2-chloroethoxy)methane	934.9	410	640	1298	0	72	53-96	1046	11.2	30	
Bis(2-chloroethyl)ether	1026	460	640	1298	0	79	47-108	1163	12.6	30	
Bis(2-ethylhexyl)phthalate	U	540	640	1298	0	0	59-117	627.5	0	30	S
Butyl benzyl phthalate	U	810	1,300	1298	0	0	59-106	784.3	0	30	S
Caprolactam	U	1000	1,300	1298	0	0	42-105	967.3	0	30	S

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **178486** Instrument ID **SVMS8** Method: **SW846 8270D**

Carbazole	857	470	640	1298	0	66	67-108	941.2	9.37	30	S
Chrysene	973.8	100	130	1298	0	75	68-108	1085	10.8	30	
Dibenzo(a,h)anthracene	895.9	70	130	1298	0	69	62-119	954.2	6.3	30	
Dibenzofuran	1039	400	640	1298	0	80	60-104	1150	10.2	30	
Diethyl phthalate	844	510	640	1298	0	65	62-111	993.5	16.3	30	
Dimethyl phthalate	519.4	490	640	1298	0	40	62-106	627.5	0	30	JS
Di-n-butyl phthalate	727.1	400	640	1298	0	56	59-105	823.5	12.4	30	S
Di-n-octyl phthalate	571.3	560	640	1298	0	44	51-123	627.5	0	30	JS
Fluoranthene	921.9	62	130	1298	0	71	67-106	941.2	2.07	30	
Fluorene	921.9	94	130	1298	0	71	59-107	1046	12.6	30	
Hexachlorobenzene	1013	400	640	1298	0	78	62-103	1176	15	30	
Hexachlorobutadiene	1039	500	640	1298	0	80	51-94	1072	3.14	30	
Hexachlorocyclopentadiene	701.2	620	640	1298	0	54	25-120	692.8	1.2	30	
Hexachloroethane	882.9	270	640	1298	0	68	55-93	888.9	0.671	30	
Indeno(1,2,3-cd)pyrene	870	90	130	1298	0	67	56-120	902	3.61	30	
Isophorone	973.8	460	3,300	1298	0	75	52-99	1007	0	30	J
Naphthalene	986.8	83	130	1298	0	76	46-98	1085	9.47	30	
Nitrobenzene	986.8	490	3,300	1298	0	76	53-95	1059	0	30	J
N-Nitrosodi-n-propylamine	921.9	630	640	1298	0	71	50-104	1059	13.8	30	
N-Nitrosodiphenylamine	1026	370	640	1298	0	79	63-107	1007	1.89	30	
Pentachlorophenol	1259	520	640	1298	0	97	34-106	1294	2.71	30	
Phenanthrene	1013	60	130	1298	0	78	66-101	1059	4.44	30	
Phenol	999.8	330	640	1298	0	77	44-109	1150	14	30	
Pyrene	973.8	120	130	1298	0	75	60-119	1176	18.8	30	
Surr: 2,4,6-Tribromophenol	*1805*	0	0	*3246*	0	*55.6*	*38-92*	2209	*20.1*	*40*	
Surr: 2-Fluorobiphenyl	*2415*	0	0	*3246*	0	*74.4*	*44-107*	2693	*10.9*	*40*	
Surr: 2-Fluorophenol	*2259*	0	0	*3246*	0	*69.6*	*37-109*	2484	*9.46*	*40*	
Surr: 4-Terphenyl-d14	*2415*	0	0	*3246*	0	*74.4*	*52-123*	2745	*12.8*	*40*	
Surr: Nitrobenzene-d5	*2194*	0	0	*3246*	0	*67.6*	*41-94*	2471	*11.8*	*40*	
Surr: Phenol-d6	*2389*	0	0	*3246*	0	*73.6*	*28-111*	2562	*6.99*	*40*	

The following samples were analyzed in this batch:

21060477-01D	21060477-02D	21060477-03D
21060477-04D	21060477-05D	21060477-06D
21060477-08D		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178115** Instrument ID **VMS10** Method: **SW8260GRO**

MBLK Sample ID: **MBLK-178115-178115** Units: **µg/Kg-dry** Analysis Date: **6/15/2021 08:28 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490640** Prep Date: **6/7/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	1200	5,000	0	0	0		0			
Surr: Toluene-d8	*844*	0	0	*1000*	0	*84.4*	*70-130*	0			

LCS Sample ID: **LCS-178115-178115** Units: **µg/Kg-dry** Analysis Date: **6/15/2021 07:04 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490638** Prep Date: **6/7/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	25890	1200	5,000	25000	0	104	70-130	0			
Surr: Toluene-d8	*1003*	0	0	*1000*	0	*100*	*70-130*	0			

The following samples were analyzed in this batch:

21060477-01A	21060477-02A	21060477-03A
21060477-04A	21060477-05A	21060477-06A
21060477-07A	21060477-08A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

MBLK Sample ID: **8V-BLKS1-210615-R319777a** Units: **µg/Kg** Analysis Date: **6/15/2021 12:21 PM**
Client ID: Run ID: **VMS8_210615A** SeqNo: **7490416** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.79	5.0								
1,1,2,2-Tetrachloroethane	U	0.64	5.0								
1,1,2-Trichloroethane	U	0.67	5.0								
1,1,2-Trichlorotrifluoroethane	U	1.1	5.0								
1,1-Dichloroethane	U	0.62	5.0								
1,1-Dichloroethene	U	0.98	5.0								
1,2,3-Trichlorobenzene	U	1.8	5.0								
1,2,4-Trichlorobenzene	U	1.1	5.0								
1,2-Dibromo-3-chloropropane	U	0.99	5.0								
1,2-Dibromoethane	U	0.36	5.0								
1,2-Dichlorobenzene	U	0.7	5.0								
1,2-Dichloroethane	U	0.56	5.0								
1,2-Dichloropropane	U	0.44	5.0								
1,3-Dichlorobenzene	U	0.61	5.0								
1,4-Dichlorobenzene	U	0.64	5.0								
2-Butanone	U	5.1	10								
2-Hexanone	U	1.8	5.0								
4-Methyl-2-pentanone	U	1.8	5.0								
Acetone	U	4.6	10								
Benzene	U	0.52	5.0								
Bromochloromethane	U	0.54	5.0								
Bromodichloromethane	U	0.6	5.0								
Bromoform	U	0.5	5.0								
Bromomethane	U	2.5	10								
Carbon disulfide	U	0.59	5.0								
Carbon tetrachloride	U	1	5.0								
Chlorobenzene	U	0.63	5.0								
Chloroethane	U	1.9	5.0								
Chloroform	U	0.82	5.0								
Chloromethane	U	1	10								
cis-1,2-Dichloroethene	U	0.54	5.0								
cis-1,3-Dichloropropene	U	0.6	5.0								
Cyclohexane	U	1.7	10								
Dibromochloromethane	U	0.51	5.0								
Dichlorodifluoromethane	U	2.5	10								
Ethylbenzene	U	0.87	5.0								
Isopropylbenzene	U	0.85	5.0								
m,p-Xylene	U	2.2	2.5								
Methyl acetate	U	1.2	10								
Methyl tert-butyl ether	U	0.61	5.0								
Methylcyclohexane	U	1.5	10								
Methylene chloride	U	6.2	10								
o-Xylene	U	1.2	2.5								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319777a**	Instrument ID **VMS8**			Method: **SW8260C**				
Styrene	U	0.75	5.0					
Tetrachloroethene	U	0.89	5.0					
Toluene	U	0.86	5.0					
trans-1,2-Dichloroethene	U	0.5	5.0					
trans-1,3-Dichloropropene	U	0.48	5.0					
Trichloroethene	U	0.72	5.0					
Trichlorofluoromethane	U	0.71	5.0					
Vinyl chloride	U	0.7	5.0					
Surr: 1,2-Dichloroethane-d4	*20.18*	0	0	*20*	0	*101*	*83-132*	0
Surr: 4-Bromofluorobenzene	*20.1*	0	0	*20*	0	*100*	*83-111*	0
Surr: Dibromofluoromethane	*20.39*	0	0	*20*	0	*102*	*77-125*	0
Surr: Toluene-d8	*20.09*	0	0	*20*	0	*100*	*86-108*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

LCS Sample ID: **8V-LCSS1-210615-R319777a** Units: **µg/Kg** Analysis Date: **6/15/2021 11:37 AM**
Client ID: Run ID: **VMS8_210615A** SeqNo: **7490415** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	21.95	0.79	5.0	20	0	110	73-138	0			
1,1,2,2-Tetrachloroethane	22.24	0.64	5.0	20	0	111	71-126	0			
1,1,2-Trichloroethane	21.64	0.67	5.0	20	0	108	77-123	0			
1,1-Dichloroethane	22.36	0.62	5.0	20	0	112	63-148	0			
1,1-Dichloroethene	22.68	0.98	5.0	20	0	113	67-156	0			
1,2,3-Trichlorobenzene	22.69	1.8	5.0	20	0	113	73-129	0			
1,2,4-Trichlorobenzene	23.11	1.1	5.0	20	0	116	70-132	0			
1,2-Dibromo-3-chloropropane	21.16	0.99	5.0	20	0	106	48-127	0			
1,2-Dibromoethane	21	0.36	5.0	20	0	105	71-144	0			
1,2-Dichlorobenzene	23.67	0.7	5.0	20	0	118	77-127	0			
1,2-Dichloroethane	21.86	0.56	5.0	20	0	109	77-127	0			
1,2-Dichloropropane	23.06	0.44	5.0	20	0	115	74-130	0			
1,3-Dichlorobenzene	20.99	0.61	5.0	20	0	105	75-133	0			
1,4-Dichlorobenzene	23.6	0.64	5.0	20	0	118	74-130	0			
2-Butanone	24.57	5.1	10	20	0	123	55-132	0			
2-Hexanone	24.85	1.8	5.0	20	0	124	55-124	0			S
4-Methyl-2-pentanone	29.9	1.8	5.0	20	0	150	67-159	0			
Acetone	27.19	4.6	10	20	0	136	31-156	0			
Benzene	22.32	0.52	5.0	20	0	112	77-133	0			
Bromochloromethane	20.65	0.54	5.0	20	0	103	72-139	0			
Bromodichloromethane	20.83	0.6	5.0	20	0	104	69-133	0			
Bromoform	18.13	0.5	5.0	20	0	90.6	55-126	0			
Bromomethane	18.42	2.5	10	20	0	92.1	31-174	0			
Carbon disulfide	22.41	0.59	5.0	20	0	112	45-160	0			
Carbon tetrachloride	21.57	1	5.0	20	0	108	69-140	0			
Chlorobenzene	23.47	0.63	5.0	20	0	117	76-130	0			
Chloroethane	14.81	1.9	5.0	20	0	74	53-150	0			
Chloroform	21.74	0.82	5.0	20	0	109	72-132	0			
Chloromethane	14.69	1	10	20	0	73.4	43-150	0			
cis-1,2-Dichloroethene	22.73	0.54	5.0	20	0	114	74-134	0			
cis-1,3-Dichloropropene	20.68	0.6	5.0	20	0	103	62-134	0			
Dibromochloromethane	19.43	0.51	5.0	20	0	97.2	57-118	0			
Dichlorodifluoromethane	15.26	2.5	10	20	0	76.3	43-126	0			
Ethylbenzene	20.94	0.87	5.0	20	0	105	75-133	0			
Isopropylbenzene	20.88	0.85	5.0	20	0	104	74-137	0			
m,p-Xylene	42.52	2.2	2.5	40	0	106	75-134	0			
Methyl tert-butyl ether	23.88	0.61	5.0	20	0	119	62-136	0			
Methylene chloride	21.76	6.2	10	20	0	109	55-157	0			
o-Xylene	21.13	1.2	2.5	20	0	106	76-130	0			
Styrene	20.67	0.75	5.0	20	0	103	72-138	0			
Tetrachloroethene	23.33	0.89	5.0	20	0	117	70-171	0			
Toluene	23.43	0.86	5.0	20	0	117	76-130	0			
trans-1,2-Dichloroethene	22.81	0.5	5.0	20	0	114	65-137	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

trans-1,3-Dichloropropene	21.27	0.48	5.0	20	0	106	58-126	0
Trichloroethene	20.64	0.72	5.0	20	0	103	75-135	0
Trichlorofluoromethane	16.78	0.71	5.0	20	0	83.9	62-136	0
Vinyl chloride	15.47	0.7	5.0	20	0	77.4	57-143	0
Surr: 1,2-Dichloroethane-d4	*19.77*	0	0	*20*	0	*98.8*	*83-132*	0
Surr: 4-Bromofluorobenzene	*19.6*	0	0	*20*	0	*98*	*83-111*	0
Surr: Dibromofluoromethane	*19.4*	0	0	*20*	0	*97*	*77-125*	0
Surr: Toluene-d8	*19.77*	0	0	*20*	0	*98.8*	*86-108*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

MS Sample ID: **21060477-08A MS** Units: **µg/Kg** Analysis Date: **6/15/2021 05:44 PM**

Client ID: **9846-B4 (27-29) DUP** Run ID: **VMS8_210615A** SeqNo: **7490432** Prep Date: DF: **0.799**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	13.08	0.63	4.0	15.98	0	81.8	73-138	0			
1,1,2,2-Tetrachloroethane	15.58	0.51	4.0	15.98	0	97.5	71-126	0			
1,1,2-Trichloroethane	13.85	0.54	4.0	15.98	0	86.7	77-123	0			
1,1-Dichloroethane	12.94	0.5	4.0	15.98	0	80.9	63-148	0			
1,1-Dichloroethene	14.08	0.78	4.0	15.98	0	88.1	67-156	0			
1,2,3-Trichlorobenzene	14.92	1.4	4.0	15.98	0	93.3	73-129	0			
1,2,4-Trichlorobenzene	14.87	0.88	4.0	15.98	0	93.1	70-132	0			
1,2-Dibromo-3-chloropropane	15.34	0.79	4.0	15.98	0	96	48-127	0			
1,2-Dibromoethane	13.04	0.29	4.0	15.98	0	81.6	71-144	0			
1,2-Dichlorobenzene	14.28	0.56	4.0	15.98	0	89.3	77-127	0			
1,2-Dichloroethane	13.31	0.45	4.0	15.98	0	83.3	77-127	0			
1,2-Dichloropropane	13.43	0.35	4.0	15.98	0	84.1	74-130	0			
1,3-Dichlorobenzene	12.32	0.49	4.0	15.98	0	77.1	75-133	0			
1,4-Dichlorobenzene	14.34	0.51	4.0	15.98	0	89.7	74-130	0			
2-Butanone	28.08	4.1	8.0	15.98	0	176	55-132	0			S
2-Hexanone	24.73	1.4	4.0	15.98	0	155	55-124	0			S
4-Methyl-2-pentanone	22.62	1.4	4.0	15.98	0	142	67-159	0			
Acetone	58.36	3.7	8.0	15.98	4.484	337	31-156	0			S
Benzene	13.37	0.42	4.0	15.98	0	83.7	77-133	0			
Bromochloromethane	12.54	0.43	4.0	15.98	0	78.5	72-139	0			
Bromodichloromethane	12.48	0.48	4.0	15.98	0	78.1	69-133	0			
Bromoform	11.69	0.4	4.0	15.98	0	73.2	55-126	0			
Bromomethane	12.74	2	8.0	15.98	0	79.7	31-174	0			
Carbon disulfide	13.85	0.47	4.0	15.98	0	86.7	45-160	0			
Carbon tetrachloride	13.18	0.8	4.0	15.98	0	82.4	69-140	0			
Chlorobenzene	13.49	0.5	4.0	15.98	0	84.4	76-130	0			
Chloroethane	10.87	1.5	4.0	15.98	0	68	53-150	0			
Chloroform	12.14	0.66	4.0	15.98	0	75.9	72-132	0			
Chloromethane	10.43	0.8	8.0	15.98	0	65.3	43-150	0			
cis-1,2-Dichloroethene	13.66	0.43	4.0	15.98	0	85.5	74-134	0			
cis-1,3-Dichloropropene	12.45	0.48	4.0	15.98	0	77.9	62-134	0			
Dibromochloromethane	11.88	0.41	4.0	15.98	0	74.3	57-118	0			
Dichlorodifluoromethane	11.67	2	8.0	15.98	0	73.1	43-126	0			
Ethylbenzene	12.34	0.7	4.0	15.98	0	77.2	75-133	0			
Isopropylbenzene	11.99	0.68	4.0	15.98	0	75.1	74-137	0			
m,p-Xylene	25.46	1.8	2.0	31.96	0	79.6	75-134	0			
Methyl tert-butyl ether	13.85	0.49	4.0	15.98	0	86.7	62-136	0			
Methylene chloride	14.34	5	8.0	15.98	0	89.7	55-157	0			
o-Xylene	12.5	0.96	2.0	15.98	0	78.3	76-130	0			
Styrene	12.74	0.6	4.0	15.98	0	79.7	72-138	0			
Tetrachloroethene	15.7	0.71	4.0	15.98	0	98.3	70-171	0			
Toluene	14.13	0.69	4.0	15.98	0	88.4	76-130	0			
trans-1,2-Dichloroethene	13.96	0.4	4.0	15.98	0	87.3	65-137	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

trans-1,3-Dichloropropene	13.24	0.38	4.0	15.98	0	82.8	58-126	0
Trichloroethene	12.16	0.58	4.0	15.98	0	76.1	75-135	0
Trichlorofluoromethane	10.57	0.57	4.0	15.98	0	66.2	62-136	0
Vinyl chloride	11.33	0.56	4.0	15.98	0	70.9	57-143	0
Surr: 1,2-Dichloroethane-d4	*16.94*	0	0	*15.98*	0	*106*	*83-132*	0
Surr: 4-Bromofluorobenzene	*16.17*	0	0	*15.98*	0	*101*	*83-111*	0
Surr: Dibromofluoromethane	*16.64*	0	0	*15.98*	0	*104*	*77-125*	0
Surr: Toluene-d8	*16.09*	0	0	*15.98*	0	*101*	*86-108*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

MSD Sample ID: **21060477-08A MSD** Units: **µg/Kg** Analysis Date: **6/15/2021 06:01 PM**
Client ID: **9846-B4 (27-29) DUP** Run ID: **VMS8_210615A** SeqNo: **7490433** Prep Date: DF: **0.789**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	15.01	0.62	3.9	15.78	0	95.2	73-138	13.08	13.8	30	
1,1,2,2-Tetrachloroethane	17.23	0.5	3.9	15.78	0	109	71-126	15.58	10.1	30	
1,1,2-Trichloroethane	15.57	0.53	3.9	15.78	0	98.7	77-123	13.85	11.6	30	
1,1-Dichloroethane	15.18	0.49	3.9	15.78	0	96.2	63-148	12.94	16	30	
1,1-Dichloroethene	17.09	0.77	3.9	15.78	0	108	67-156	14.08	19.3	30	
1,2,3-Trichlorobenzene	17.44	1.4	3.9	15.78	0	111	73-129	14.92	15.6	30	
1,2,4-Trichlorobenzene	17.21	0.87	3.9	15.78	0	109	70-132	14.87	14.6	30	
1,2-Dibromo-3-chloropropane	16.18	0.78	3.9	15.78	0	103	48-127	15.34	5.34	30	
1,2-Dibromoethane	15.41	0.28	3.9	15.78	0	97.7	71-144	13.04	16.7	30	
1,2-Dichlorobenzene	17.55	0.55	3.9	15.78	0	111	77-127	14.28	20.5	30	
1,2-Dichloroethane	15.42	0.44	3.9	15.78	0	97.7	77-127	13.31	14.7	30	
1,2-Dichloropropane	15.6	0.35	3.9	15.78	0	98.8	74-130	13.43	14.9	30	
1,3-Dichlorobenzene	14.77	0.48	3.9	15.78	0	93.6	75-133	12.32	18.1	30	
1,4-Dichlorobenzene	17.23	0.5	3.9	15.78	0	109	74-130	14.34	18.3	30	
2-Butanone	31.7	4	7.9	15.78	0	201	55-132	28.08	12.1	30	S
2-Hexanone	26.04	1.4	3.9	15.78	0	165	55-124	24.73	5.18	30	S
4-Methyl-2-pentanone	24.94	1.4	3.9	15.78	0	158	67-159	22.62	9.76	30	
Acetone	66.67	3.6	7.9	15.78	4.484	394	31-156	58.36	13.3	30	S
Benzene	15.72	0.41	3.9	15.78	0	99.7	77-133	13.37	16.2	30	
Bromochloromethane	14.49	0.43	3.9	15.78	0	91.8	72-139	12.54	14.4	30	
Bromodichloromethane	14.86	0.47	3.9	15.78	0	94.2	69-133	12.48	17.4	30	
Bromoform	13.27	0.39	3.9	15.78	0	84.1	55-126	11.69	12.7	30	
Bromomethane	13.4	2	7.9	15.78	0	84.9	31-174	12.74	5.06	30	
Carbon disulfide	16.7	0.47	3.9	15.78	0	106	45-160	13.85	18.7	30	
Carbon tetrachloride	14.79	0.79	3.9	15.78	0	93.8	69-140	13.18	11.6	30	
Chlorobenzene	16.24	0.5	3.9	15.78	0	103	76-130	13.49	18.5	30	
Chloroethane	10.99	1.5	3.9	15.78	0	69.7	53-150	10.87	1.14	30	
Chloroform	14.64	0.65	3.9	15.78	0	92.8	72-132	12.14	18.7	30	
Chloromethane	11.98	0.79	7.9	15.78	0	75.9	43-150	10.43	13.8	30	
cis-1,2-Dichloroethene	16.39	0.43	3.9	15.78	0	104	74-134	13.66	18.1	30	
cis-1,3-Dichloropropene	14.75	0.47	3.9	15.78	0	93.5	62-134	12.45	17	30	
Dibromochloromethane	13.67	0.4	3.9	15.78	0	86.7	57-118	11.88	14	30	
Dichlorodifluoromethane	13.95	2	7.9	15.78	0	88.4	43-126	11.67	17.8	30	
Ethylbenzene	14.75	0.69	3.9	15.78	0	93.4	75-133	12.34	17.8	30	
Isopropylbenzene	14.71	0.67	3.9	15.78	0	93.2	74-137	11.99	20.4	30	
m,p-Xylene	29.63	1.7	2.0	31.56	0	93.9	75-134	25.46	15.2	30	
Methyl tert-butyl ether	16.73	0.48	3.9	15.78	0	106	62-136	13.85	18.8	30	
Methylene chloride	16.43	4.9	7.9	15.78	0	104	55-157	14.34	13.6	30	
o-Xylene	14.78	0.95	2.0	15.78	0	93.7	76-130	12.5	16.7	30	
Styrene	14.74	0.59	3.9	15.78	0	93.4	72-138	12.74	14.5	30	
Tetrachloroethene	18.87	0.7	3.9	15.78	0	120	70-171	15.7	18.4	30	
Toluene	16.53	0.68	3.9	15.78	0	105	76-130	14.13	15.6	30	
trans-1,2-Dichloroethene	16.12	0.39	3.9	15.78	0	102	65-137	13.96	14.4	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319777a** Instrument ID **VMS8** Method: **SW8260C**

trans-1,3-Dichloropropene	15.31	0.38	3.9	15.78	0	97.1	58-126	13.24	14.5	30
Trichloroethene	14.01	0.57	3.9	15.78	0	88.8	75-135	12.16	14.2	30
Trichlorofluoromethane	13.42	0.56	3.9	15.78	0	85.1	62-136	10.57	23.8	30
Vinyl chloride	13.01	0.55	3.9	15.78	0	82.4	57-143	11.33	13.8	30
Surr: 1,2-Dichloroethane-d4	*16.32*	0	0	*15.78*	0	*103*	*83-132*	16.94	*3.74*	*30*
Surr: 4-Bromofluorobenzene	*15.61*	0	0	*15.78*	0	*98.9*	*83-111*	16.17	*3.51*	*30*
Surr: Dibromofluoromethane	*15.76*	0	0	*15.78*	0	*99.9*	*77-125*	16.64	*5.38*	*30*
Surr: Toluene-d8	*15.76*	0	0	*15.78*	0	*99.8*	*86-108*	16.09	*2.11*	*30*

The following samples were analyzed in this batch:

21060477-01A	21060477-02A	21060477-03A
21060477-04A	21060477-05A	21060477-06A
21060477-07A	21060477-08A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060477
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319558** Instrument ID **MOIST** Method: **SW3550C**

MBLK Sample ID: **MB-R319558-R319558** Units: **% of sample** Analysis Date: **6/10/2021 02:53 PM**
Client ID: Run ID: **MOIST_210610B** SeqNo: **7479072** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	U	0.1	0.10								

LCS Sample ID: **LCS-R319558-R319558** Units: **% of sample** Analysis Date: **6/10/2021 02:53 PM**
Client ID: Run ID: **MOIST_210610B** SeqNo: **7479073** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	99.99	0.1	0.10	100	0	100	98-102	0			

DUP Sample ID: **21060698-11B DUP** Units: **% of sample** Analysis Date: **6/10/2021 02:53 PM**
Client ID: Run ID: **MOIST_210610B** SeqNo: **7479084** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	7.8	0.1	0.10	0	0	0	0-0	7.72	1.03	10	

DUP Sample ID: **21060817-01B DUP** Units: **% of sample** Analysis Date: **6/10/2021 02:53 PM**
Client ID: Run ID: **MOIST_210610B** SeqNo: **7479089** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	95.88	0.1	0.10	0	0	0	0-0	96.23	0.364	10	

The following samples were analyzed in this batch:

21060477-01B	21060477-02B	21060477-03B
21060477-04B	21060477-05B	21060477-06B
21060477-08B		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Spring City, PA +1 610 948 4903
South Charleston, WV +1 304 356 3168
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 1

COC ID: 230535

ALS Project Manager: FB

ALS Work Order #: 21060477

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Advanced Auto Parts // Former Fashion R Bank	A	VOC
Work Order		Project Number	103G65210190.06603	B	SVOC
Company Name	Tetra Tech	Bill To Company	Tetra Tech	C	TPH-GRO
Send Report To	Kaitlyn Mitchell	Invoice Attn	Accounts Payable	D	TPH-ORO
Address	415 Oak Street	Address	415 Oak Street	E	TPH-DRO
				F	RCRA Metals
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G	Mercury
Phone	(816) 412-1755	Phone	(816) 412-1755	H	
Fax	(816) 410-1748	Fax	(816) 410-1748	I	
e-Mail Address	Kaitlyn.mitchell@tetratech.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	9846-B1 (24-26)	6/3/21	0935	Soil	7	6	X	X	X	X	X	X	X				
2	9846-B2 (28-30)		1015				X	X	X	X	X	X	X				
3	9846-B3 (28-30)		1040				X	X	X	X	X	X	X				
4	9846-B4 (27-29)		1115				X	X	X	X	X	X	X				
5	9846-B5 (28-30)		1320				X	X	X	X	X	X	X				
6	9846-B6 (21-23)		1355				X	X	X	X	X	X	X				
7	Trip Blank	N/A	N/A	N/A		4	X	X	X	X	X	X	X				
8	9846-B4 (27-29) DUP	6/3/15	1115				X	X	X	X	X	X	X		FB		
9																	
10																	

Sampler(s) Please Print & Sign: Zach Usher

Shipment Method: Fed Ex.

Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:		Date: 6/3/21	Time: 1600	Received by: FedEx
Relinquished by:	FedEx	Date: 6/4/21	Time: 0930	Received by (Laboratory):
Logged by (Laboratory):	KR	Date: 6/4/21	Time: 1245	Checked by (Laboratory): FB

Notes:

Cooler ID	Cooler Temp.
1B3	32°c
PH28	

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Group, USA

Sample Receipt Checklist

Client Name: **TETRATECH - MO** Date/Time Received: **04-Jun-21 09:30**

Work Order: **21060477** Received by: **KRW**

Checklist completed by Keith Wierenga (eSignature) 04-Jun-21 (Date) Reviewed by: Ehrland Bosworth (eSignature) 04-Jun-21 (Date)

Matrices: Soil

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.2/4.2 C	IR3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	6/4/2021 12:46:33 PM		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

22-Jun-2021

Kaitlyn Mitchell
Tetra Tech
415 Oak Street
Kansas City, MO 64106

Re: **Advance Auto Parts (103G65210190.06.03)** Work Order: **21060687**

Dear Kaitlyn,

ALS Environmental received 8 samples on 07-Jun-2021 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 67.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Ehrland Bosworth

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS Group, USA

Date: 22-Jun-21

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Work Order: **21060687**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21060687-01	9846-B1	Water		6/4/2021 10:10	6/7/2021 10:00	☐
21060687-02	9846-B2	Water		6/4/2021 10:40	6/7/2021 10:00	☐
21060687-03	9846-B3	Water		6/4/2021 10:50	6/7/2021 10:00	☐
21060687-04	9846-B4	Water		6/4/2021 11:10	6/7/2021 10:00	☐
21060687-05	9846-FB	Water		6/4/2021 11:00	6/7/2021 10:00	☐
21060687-06	9846-RN	Water		6/4/2021 11:20	6/7/2021 10:00	☐
21060687-07	Trip Blank - 1	Water		6/4/2021	6/7/2021 10:00	☐
21060687-08	Trip Blank - 2	Water		6/4/2021	6/7/2021 10:00	☐

ALS Group, USA

Date: 22-Jun-21

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
WorkOrder: **21060687**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter

Client:	Tetra Tech
Project:	Advance Auto Parts (103G65210190.06.03)
Work Order:	21060687

Case Narrative

Samples for the above noted Work Order were received on 06/07/2021. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:
Batch R319890A, Method SW8260C, Sample 10V-LCSW2-210615: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: Bromomethane

No other deviations or anomalies were noted.

Extractable Organics:
Batch 178295, Method SW846 8270D, Sample 9846-B2 (21060687-02B): The reporting limits are elevated due to internal standard failure in the undiluted run for these analytes: Multiple compounds

Batch 178295, Method SW846 8270D, Sample 9846-FB (21060687-05B): The reporting limits are elevated due to internal standard failure in the undiluted run for these analytes: Multiple compounds

Batch 178295, Method SW846 8270D, Sample SLCSDW1-178295: The RPD between the LCS and LCSD was outside of the control limit. The sample results should be considered estimated for this analyte: Multiple Compounds

No other deviations or anomalies were noted.

Case Narrative

Metals:
No deviations or anomalies were noted.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1
Collection Date: 6/4/2021 10:10 AM

Work Order: 21060687
Lab ID: 21060687-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.3**	J	**0.26**	**20**	**mg/L**	1	6/16/2021 21:30
ORO (C21-C35)	**4.5**	J	**0.54**	**20**	**mg/L**	1	6/16/2021 21:30
Surr: 4-Terphenyl-d14	*52.7*			*23-120*	*%REC*	1	6/16/2021 21:30
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EE**
1,1`-Biphenyl	U		8.4	20	µg/L	1	6/18/2021 15:14
1,2,4,5-Tetrachlorobenzene	U		6.8	100	µg/L	1	6/18/2021 15:14
1,4-Dioxane	U		14	100	µg/L	1	6/18/2021 15:14
2,2`-Oxybis(1-chloropropane)	U		4.6	20	µg/L	1	6/18/2021 15:14
2,3,4,6-Tetrachlorophenol	U		9.0	20	µg/L	1	6/18/2021 15:14
2,4,5-Trichlorophenol	U		3.4	20	µg/L	1	6/18/2021 15:14
2,4,6-Trichlorophenol	U		5.0	20	µg/L	1	6/18/2021 15:14
2,4-Dichlorophenol	U		7.0	20	µg/L	1	6/18/2021 15:14
2,4-Dimethylphenol	U		7.2	20	µg/L	1	6/18/2021 15:14
2,4-Dinitrophenol	U		52	100	µg/L	1	6/18/2021 15:14
2,4-Dinitrotoluene	U		8.4	20	µg/L	1	6/18/2021 15:14
2,6-Dinitrotoluene	U		6.6	20	µg/L	1	6/18/2021 15:14
2-Chloronaphthalene	U		1.5	2.0	µg/L	1	6/18/2021 15:14
2-Chlorophenol	U		4.6	20	µg/L	1	6/18/2021 15:14
2-Methylnaphthalene	U		1.3	2.0	µg/L	1	6/18/2021 15:14
2-Methylphenol	U		5.0	20	µg/L	1	6/18/2021 15:14
2-Nitroaniline	U		4.2	20	µg/L	1	6/18/2021 15:14
2-Nitrophenol	U		6.8	20	µg/L	1	6/18/2021 15:14
3&4-Methylphenol	U		4.2	20	µg/L	1	6/18/2021 15:14
3,3´-Dichlorobenzidine	U		9.2	100	µg/L	1	6/18/2021 15:14
3-Nitroaniline	U		13	20	µg/L	1	6/18/2021 15:14
4,6-Dinitro-2-methylphenol	U		5.4	20	µg/L	1	6/18/2021 15:14
4-Bromophenyl phenyl ether	U		6.6	20	µg/L	1	6/18/2021 15:14
4-Chloro-3-methylphenol	U		5.2	20	µg/L	1	6/18/2021 15:14
4-Chloroaniline	U		6.8	20	µg/L	1	6/18/2021 15:14
4-Chlorophenyl phenyl ether	U		6.2	20	µg/L	1	6/18/2021 15:14
4-Nitroaniline	U		11	20	µg/L	1	6/18/2021 15:14
4-Nitrophenol	U		4.8	100	µg/L	1	6/18/2021 15:14
Acenaphthene	U		1.6	2.0	µg/L	1	6/18/2021 15:14
Acenaphthylene	U		1.5	2.0	µg/L	1	6/18/2021 15:14
Acetophenone	U		7.4	20	µg/L	1	6/18/2021 15:14
Anthracene	U		0.56	2.0	µg/L	1	6/18/2021 15:14
Atrazine	U		7.0	20	µg/L	1	6/18/2021 15:14
Benzaldehyde	U		10	20	µg/L	1	6/18/2021 15:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1
Collection Date: 6/4/2021 10:10 AM

Work Order: 21060687
Lab ID: 21060687-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Benzo(a)anthracene	U		2.0	2.0	µg/L	1	6/18/2021 15:14
Benzo(a)pyrene	U		0.88	2.0	µg/L	1	6/18/2021 15:14
Benzo(b)fluoranthene	U		1.0	2.0	µg/L	1	6/18/2021 15:14
Benzo(g,h,i)perylene	U		1.8	2.0	µg/L	1	6/18/2021 15:14
Benzo(k)fluoranthene	U		0.96	2.0	µg/L	1	6/18/2021 15:14
Bis(2-chloroethoxy)methane	U		5.8	20	µg/L	1	6/18/2021 15:14
Bis(2-chloroethyl)ether	U		7.4	20	µg/L	1	6/18/2021 15:14
Bis(2-ethylhexyl)phthalate	U		8.0	20	µg/L	1	6/18/2021 15:14
Butyl benzyl phthalate	U		6.0	20	µg/L	1	6/18/2021 15:14
Caprolactam	U		19	100	µg/L	1	6/18/2021 15:14
Carbazole	U		4.8	20	µg/L	1	6/18/2021 15:14
Chrysene	U		0.96	2.0	µg/L	1	6/18/2021 15:14
Dibenzo(a,h)anthracene	U		1.5	2.0	µg/L	1	6/18/2021 15:14
Dibenzofuran	U		4.6	20	µg/L	1	6/18/2021 15:14
Diethyl phthalate	U		3.4	20	µg/L	1	6/18/2021 15:14
Dimethyl phthalate	U		3.6	20	µg/L	1	6/18/2021 15:14
Di-n-butyl phthalate	U		4.2	20	µg/L	1	6/18/2021 15:14
Di-n-octyl phthalate	U		11	20	µg/L	1	6/18/2021 15:14
Fluoranthene	U		0.76	2.0	µg/L	1	6/18/2021 15:14
Fluorene	U		1.0	2.0	µg/L	1	6/18/2021 15:14
Hexachlorobenzene	U		8.8	20	µg/L	1	6/18/2021 15:14
Hexachlorobutadiene	U		13	20	µg/L	1	6/18/2021 15:14
Hexachlorocyclopentadiene	U		22	100	µg/L	1	6/18/2021 15:14
Hexachloroethane	U		12	20	µg/L	1	6/18/2021 15:14
Indeno(1,2,3-cd)pyrene	U		1.3	2.0	µg/L	1	6/18/2021 15:14
Isophorone	U		6.8	100	µg/L	1	6/18/2021 15:14
Naphthalene	U		1.3	2.0	µg/L	1	6/18/2021 15:14
Nitrobenzene	U		5.2	20	µg/L	1	6/18/2021 15:14
N-Nitrosodi-n-propylamine	U		7.0	20	µg/L	1	6/18/2021 15:14
N-Nitrosodiphenylamine	U		9.8	20	µg/L	1	6/18/2021 15:14
Pentachlorophenol	U		19	100	µg/L	1	6/18/2021 15:14
Phenanthrene	U		1.6	2.0	µg/L	1	6/18/2021 15:14
Phenol	U		4.2	20	µg/L	1	6/18/2021 15:14
Pyrene	U		0.72	2.0	µg/L	1	6/18/2021 15:14
Surr: 2,4,6-Tribromophenol	*67.1*			*27-83*	*%REC*	1	6/18/2021 15:14
Surr: 2-Fluorobiphenyl	*58.8*			*26-79*	*%REC*	1	6/18/2021 15:14
Surr: 2-Fluorophenol	*38.5*			*13-56*	*%REC*	1	6/18/2021 15:14
Surr: 4-Terphenyl-d14	*80.2*			*43-106*	*%REC*	1	6/18/2021 15:14
Surr: Nitrobenzene-d5	*65.8*			*29-80*	*%REC*	1	6/18/2021 15:14
Surr: Phenol-d6	*25.2*			*10-35*	*%REC*	1	6/18/2021 15:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1
Collection Date: 6/4/2021 10:10 AM

Work Order: 21060687
Lab ID: 21060687-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/16/2021 00:57
Surr: Toluene-d8	*88.8*			*70-130*	*%REC*	1	6/16/2021 00:57
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:57
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 00:57
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:57
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 00:57
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:57
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 00:57
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 00:57
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 00:57
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 00:57
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 00:57
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 00:57
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:57
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 00:57
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 00:57
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:57
2-Butanone	**0.93**	J	**0.52**	**5.0**	**µg/L**	1	6/16/2021 00:57
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 00:57
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 00:57
Acetone	U		6.2	10	µg/L	1	6/16/2021 00:57
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 00:57
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 00:57
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 00:57
Bromoform	**1.1**		**0.56**	**1.0**	**µg/L**	1	6/16/2021 00:57
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 00:57
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 00:57
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 00:57
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 00:57
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 15:55
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 00:57
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 00:57
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 00:57
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 00:57
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 00:57
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 00:57
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 00:57

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B1
Collection Date: 6/4/2021 10:10 AM

Work Order: 21060687
Lab ID: 21060687-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 00:57
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:57
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 00:57
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 00:57
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 00:57
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 00:57
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 00:57
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 00:57
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 00:57
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 00:57
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 00:57
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 00:57
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 00:57
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 00:57
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 00:57
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 00:57
Surr: 1,2-Dichloroethane-d4	*105*			*75-120*	*%REC*	1	6/16/2021 00:57
Surr: 1,2-Dichloroethane-d4	*105*			*75-120*	*%REC*	1	6/16/2021 15:55
Surr: 4-Bromofluorobenzene	*97.2*			*80-110*	*%REC*	1	6/16/2021 00:57
Surr: 4-Bromofluorobenzene	*96.9*			*80-110*	*%REC*	1	6/16/2021 15:55
Surr: Dibromofluoromethane	*98.9*			*85-115*	*%REC*	1	6/16/2021 00:57
Surr: Dibromofluoromethane	*97.2*			*85-115*	*%REC*	1	6/16/2021 15:55
Surr: Toluene-d8	*100*			*85-110*	*%REC*	1	6/16/2021 00:57
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/16/2021 15:55

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2
Collection Date: 6/4/2021 10:40 AM

Work Order: 21060687
Lab ID: 21060687-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.2**	J	**0.26**	**20**	**mg/L**	1	6/16/2021 22:01
ORO (C21-C35)	**3.2**	J	**0.54**	**20**	**mg/L**	1	6/16/2021 22:01
Surr: 4-Terphenyl-d14	*46.6*			*23-120*	*%REC*	1	6/16/2021 22:01
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EE**
1,1`-Biphenyl	U		84	200	µg/L	10	6/22/2021 15:27
1,2,4,5-Tetrachlorobenzene	U		68	1,000	µg/L	10	6/22/2021 15:27
1,4-Dioxane	U		140	1,000	µg/L	10	6/22/2021 15:27
2,2`-Oxybis(1-chloropropane)	U		46	200	µg/L	10	6/22/2021 15:27
2,3,4,6-Tetrachlorophenol	U		90	200	µg/L	10	6/22/2021 15:27
2,4,5-Trichlorophenol	U		34	200	µg/L	10	6/22/2021 15:27
2,4,6-Trichlorophenol	U		50	200	µg/L	10	6/22/2021 15:27
2,4-Dichlorophenol	U		70	200	µg/L	10	6/22/2021 15:27
2,4-Dimethylphenol	U		72	200	µg/L	10	6/22/2021 15:27
2,4-Dinitrophenol	U		520	1,000	µg/L	10	6/22/2021 15:27
2,4-Dinitrotoluene	U		84	200	µg/L	10	6/22/2021 15:27
2,6-Dinitrotoluene	U		66	200	µg/L	10	6/22/2021 15:27
2-Chloronaphthalene	U		15	20	µg/L	10	6/22/2021 15:27
2-Chlorophenol	U		46	200	µg/L	10	6/22/2021 15:27
2-Methylnaphthalene	U		13	20	µg/L	10	6/22/2021 15:27
2-Methylphenol	U		50	200	µg/L	10	6/22/2021 15:27
2-Nitroaniline	U		42	200	µg/L	10	6/22/2021 15:27
2-Nitrophenol	U		68	200	µg/L	10	6/22/2021 15:27
3&4-Methylphenol	U		42	200	µg/L	10	6/22/2021 15:27
3,3´-Dichlorobenzidine	U		92	1,000	µg/L	10	6/22/2021 15:27
3-Nitroaniline	U		130	200	µg/L	10	6/22/2021 15:27
4,6-Dinitro-2-methylphenol	U		54	200	µg/L	10	6/22/2021 15:27
4-Bromophenyl phenyl ether	U		66	200	µg/L	10	6/22/2021 15:27
4-Chloro-3-methylphenol	U		52	200	µg/L	10	6/22/2021 15:27
4-Chloroaniline	U		68	200	µg/L	10	6/22/2021 15:27
4-Chlorophenyl phenyl ether	U		62	200	µg/L	10	6/22/2021 15:27
4-Nitroaniline	U		110	200	µg/L	10	6/22/2021 15:27
4-Nitrophenol	U		48	1,000	µg/L	10	6/22/2021 15:27
Acenaphthene	U		16	20	µg/L	10	6/22/2021 15:27
Acenaphthylene	U		15	20	µg/L	10	6/22/2021 15:27
Acetophenone	U		74	200	µg/L	10	6/22/2021 15:27
Anthracene	U		5.6	20	µg/L	10	6/22/2021 15:27
Atrazine	U		70	200	µg/L	10	6/22/2021 15:27
Benzaldehyde	U		100	200	µg/L	10	6/22/2021 15:27

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2
Collection Date: 6/4/2021 10:40 AM

Work Order: 21060687
Lab ID: 21060687-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Benzo(a)anthracene	U		20	20	µg/L	10	6/22/2021 15:27
Benzo(a)pyrene	U		8.8	20	µg/L	10	6/22/2021 15:27
Benzo(b)fluoranthene	U		10	20	µg/L	10	6/22/2021 15:27
Benzo(g,h,i)perylene	U		18	20	µg/L	10	6/22/2021 15:27
Benzo(k)fluoranthene	U		9.6	20	µg/L	10	6/22/2021 15:27
Bis(2-chloroethoxy)methane	U		58	200	µg/L	10	6/22/2021 15:27
Bis(2-chloroethyl)ether	U		74	200	µg/L	10	6/22/2021 15:27
Bis(2-ethylhexyl)phthalate	U		80	200	µg/L	10	6/22/2021 15:27
Butyl benzyl phthalate	U		60	200	µg/L	10	6/22/2021 15:27
Caprolactam	U		190	1,000	µg/L	10	6/22/2021 15:27
Carbazole	U		48	200	µg/L	10	6/22/2021 15:27
Chrysene	U		9.6	20	µg/L	10	6/22/2021 15:27
Dibenzo(a,h)anthracene	U		15	20	µg/L	10	6/22/2021 15:27
Dibenzofuran	U		46	200	µg/L	10	6/22/2021 15:27
Diethyl phthalate	U		34	200	µg/L	10	6/22/2021 15:27
Dimethyl phthalate	U		36	200	µg/L	10	6/22/2021 15:27
Di-n-butyl phthalate	U		42	200	µg/L	10	6/22/2021 15:27
Di-n-octyl phthalate	U		110	200	µg/L	10	6/22/2021 15:27
Fluoranthene	U		7.6	20	µg/L	10	6/22/2021 15:27
Fluorene	U		10	20	µg/L	10	6/22/2021 15:27
Hexachlorobenzene	U		88	200	µg/L	10	6/22/2021 15:27
Hexachlorobutadiene	U		130	200	µg/L	10	6/22/2021 15:27
Hexachlorocyclopentadiene	U		220	1,000	µg/L	10	6/22/2021 15:27
Hexachloroethane	U		120	200	µg/L	10	6/22/2021 15:27
Indeno(1,2,3-cd)pyrene	U		13	20	µg/L	10	6/22/2021 15:27
Isophorone	U		68	1,000	µg/L	10	6/22/2021 15:27
Naphthalene	U		13	20	µg/L	10	6/22/2021 15:27
Nitrobenzene	U		52	200	µg/L	10	6/22/2021 15:27
N-Nitrosodi-n-propylamine	U		70	200	µg/L	10	6/22/2021 15:27
N-Nitrosodiphenylamine	U		98	200	µg/L	10	6/22/2021 15:27
Pentachlorophenol	U		190	1,000	µg/L	10	6/22/2021 15:27
Phenanthrene	U		16	20	µg/L	10	6/22/2021 15:27
Phenol	U		42	200	µg/L	10	6/22/2021 15:27
Pyrene	U		7.2	20	µg/L	10	6/22/2021 15:27
Surr: 2,4,6-Tribromophenol	*71.8*			*27-83*	*%REC*	10	6/22/2021 15:27
Surr: 2-Fluorobiphenyl	*68.8*			*26-79*	*%REC*	10	6/22/2021 15:27
Surr: 2-Fluorophenol	*45.2*			*13-56*	*%REC*	10	6/22/2021 15:27
Surr: 4-Terphenyl-d14	*80.0*			*43-106*	*%REC*	10	6/22/2021 15:27
Surr: Nitrobenzene-d5	*71.6*			*29-80*	*%REC*	10	6/22/2021 15:27
Surr: Phenol-d6	*25.6*			*10-35*	*%REC*	10	6/22/2021 15:27

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2
Collection Date: 6/4/2021 10:40 AM

Work Order: 21060687
Lab ID: 21060687-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/16/2021 00:40
Surr: Toluene-d8	*88.4*			*70-130*	*%REC*	1	6/16/2021 00:40
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:40
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 00:40
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:40
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 00:40
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:40
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 00:40
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 00:40
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 00:40
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 00:40
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 00:40
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 00:40
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:40
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 00:40
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 00:40
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:40
2-Butanone	**2.3**	J	**0.52**	**5.0**	**µg/L**	1	6/16/2021 00:40
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 00:40
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 00:40
Acetone	**12**		**6.2**	**10**	**µg/L**	1	6/16/2021 00:40
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 00:40
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 00:40
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 00:40
Bromoform	U		0.56	1.0	µg/L	1	6/16/2021 00:40
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 00:40
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 00:40
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 00:40
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 00:40
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 16:12
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 00:40
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 00:40
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 00:40
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 00:40
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 00:40
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 00:40
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 00:40

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B2
Collection Date: 6/4/2021 10:40 AM

Work Order: 21060687
Lab ID: 21060687-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 00:40
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:40
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 00:40
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 00:40
Methyl tert-butyl ether	**4.2**		**0.45**	**1.0**	**µg/L**	1	6/16/2021 00:40
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 00:40
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 00:40
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 00:40
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 00:40
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 00:40
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 00:40
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 00:40
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 00:40
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 00:40
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 00:40
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 00:40
Surr: 1,2-Dichloroethane-d4	*101*			*75-120*	*%REC*	1	6/16/2021 00:40
Surr: 1,2-Dichloroethane-d4	*107*			*75-120*	*%REC*	1	6/16/2021 16:12
Surr: 4-Bromofluorobenzene	*98.2*			*80-110*	*%REC*	1	6/16/2021 00:40
Surr: 4-Bromofluorobenzene	*96.4*			*80-110*	*%REC*	1	6/16/2021 16:12
Surr: Dibromofluoromethane	*98.4*			*85-115*	*%REC*	1	6/16/2021 00:40
Surr: Dibromofluoromethane	*103*			*85-115*	*%REC*	1	6/16/2021 16:12
Surr: Toluene-d8	*98.7*			*85-110*	*%REC*	1	6/16/2021 00:40
Surr: Toluene-d8	*102*			*85-110*	*%REC*	1	6/16/2021 16:12

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3
Collection Date: 6/4/2021 10:50 AM

Work Order: 21060687
Lab ID: 21060687-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.4**	J	**0.26**	**20**	**mg/L**	1	6/16/2021 22:31
ORO (C21-C35)	**2.9**	J	**0.54**	**20**	**mg/L**	1	6/16/2021 22:31
Surr: 4-Terphenyl-d14	*51.3*			*23-120*	*%REC*	1	6/16/2021 22:31
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EE**
1,1`-Biphenyl	U		8.4	20	µg/L	1	6/18/2021 16:03
1,2,4,5-Tetrachlorobenzene	U		6.8	100	µg/L	1	6/18/2021 16:03
1,4-Dioxane	U		14	100	µg/L	1	6/18/2021 16:03
2,2`-Oxybis(1-chloropropane)	U		4.6	20	µg/L	1	6/18/2021 16:03
2,3,4,6-Tetrachlorophenol	U		9.0	20	µg/L	1	6/18/2021 16:03
2,4,5-Trichlorophenol	U		3.4	20	µg/L	1	6/18/2021 16:03
2,4,6-Trichlorophenol	U		5.0	20	µg/L	1	6/18/2021 16:03
2,4-Dichlorophenol	U		7.0	20	µg/L	1	6/18/2021 16:03
2,4-Dimethylphenol	U		7.2	20	µg/L	1	6/18/2021 16:03
2,4-Dinitrophenol	U		52	100	µg/L	1	6/18/2021 16:03
2,4-Dinitrotoluene	U		8.4	20	µg/L	1	6/18/2021 16:03
2,6-Dinitrotoluene	U		6.6	20	µg/L	1	6/18/2021 16:03
2-Chloronaphthalene	U		1.5	2.0	µg/L	1	6/18/2021 16:03
2-Chlorophenol	U		4.6	20	µg/L	1	6/18/2021 16:03
2-Methylnaphthalene	U		1.3	2.0	µg/L	1	6/18/2021 16:03
2-Methylphenol	U		5.0	20	µg/L	1	6/18/2021 16:03
2-Nitroaniline	U		4.2	20	µg/L	1	6/18/2021 16:03
2-Nitrophenol	U		6.8	20	µg/L	1	6/18/2021 16:03
3&4-Methylphenol	U		4.2	20	µg/L	1	6/18/2021 16:03
3,3´-Dichlorobenzidine	U		9.2	100	µg/L	1	6/18/2021 16:03
3-Nitroaniline	U		13	20	µg/L	1	6/18/2021 16:03
4,6-Dinitro-2-methylphenol	U		5.4	20	µg/L	1	6/18/2021 16:03
4-Bromophenyl phenyl ether	U		6.6	20	µg/L	1	6/18/2021 16:03
4-Chloro-3-methylphenol	U		5.2	20	µg/L	1	6/18/2021 16:03
4-Chloroaniline	U		6.8	20	µg/L	1	6/18/2021 16:03
4-Chlorophenyl phenyl ether	U		6.2	20	µg/L	1	6/18/2021 16:03
4-Nitroaniline	U		11	20	µg/L	1	6/18/2021 16:03
4-Nitrophenol	U		4.8	100	µg/L	1	6/18/2021 16:03
Acenaphthene	U		1.6	2.0	µg/L	1	6/18/2021 16:03
Acenaphthylene	U		1.5	2.0	µg/L	1	6/18/2021 16:03
Acetophenone	U		7.4	20	µg/L	1	6/18/2021 16:03
Anthracene	U		0.56	2.0	µg/L	1	6/18/2021 16:03
Atrazine	U		7.0	20	µg/L	1	6/18/2021 16:03
Benzaldehyde	U		10	20	µg/L	1	6/18/2021 16:03

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3
Collection Date: 6/4/2021 10:50 AM

Work Order: 21060687
Lab ID: 21060687-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Benzo(a)anthracene	U		2.0	2.0	µg/L	1	6/18/2021 16:03
Benzo(a)pyrene	U		0.88	2.0	µg/L	1	6/18/2021 16:03
Benzo(b)fluoranthene	U		1.0	2.0	µg/L	1	6/18/2021 16:03
Benzo(g,h,i)perylene	U		1.8	2.0	µg/L	1	6/18/2021 16:03
Benzo(k)fluoranthene	U		0.96	2.0	µg/L	1	6/18/2021 16:03
Bis(2-chloroethoxy)methane	U		5.8	20	µg/L	1	6/18/2021 16:03
Bis(2-chloroethyl)ether	U		7.4	20	µg/L	1	6/18/2021 16:03
Bis(2-ethylhexyl)phthalate	U		8.0	20	µg/L	1	6/18/2021 16:03
Butyl benzyl phthalate	U		6.0	20	µg/L	1	6/18/2021 16:03
Caprolactam	U		19	100	µg/L	1	6/18/2021 16:03
Carbazole	U		4.8	20	µg/L	1	6/18/2021 16:03
Chrysene	U		0.96	2.0	µg/L	1	6/18/2021 16:03
Dibenzo(a,h)anthracene	U		1.5	2.0	µg/L	1	6/18/2021 16:03
Dibenzofuran	U		4.6	20	µg/L	1	6/18/2021 16:03
Diethyl phthalate	U		3.4	20	µg/L	1	6/18/2021 16:03
Dimethyl phthalate	U		3.6	20	µg/L	1	6/18/2021 16:03
Di-n-butyl phthalate	U		4.2	20	µg/L	1	6/18/2021 16:03
Di-n-octyl phthalate	U		11	20	µg/L	1	6/18/2021 16:03
Fluoranthene	U		0.76	2.0	µg/L	1	6/18/2021 16:03
Fluorene	U		1.0	2.0	µg/L	1	6/18/2021 16:03
Hexachlorobenzene	U		8.8	20	µg/L	1	6/18/2021 16:03
Hexachlorobutadiene	U		13	20	µg/L	1	6/18/2021 16:03
Hexachlorocyclopentadiene	U		22	100	µg/L	1	6/18/2021 16:03
Hexachloroethane	U		12	20	µg/L	1	6/18/2021 16:03
Indeno(1,2,3-cd)pyrene	U		1.3	2.0	µg/L	1	6/18/2021 16:03
Isophorone	U		6.8	100	µg/L	1	6/18/2021 16:03
Naphthalene	U		1.3	2.0	µg/L	1	6/18/2021 16:03
Nitrobenzene	U		5.2	20	µg/L	1	6/18/2021 16:03
N-Nitrosodi-n-propylamine	U		7.0	20	µg/L	1	6/18/2021 16:03
N-Nitrosodiphenylamine	U		9.8	20	µg/L	1	6/18/2021 16:03
Pentachlorophenol	U		19	100	µg/L	1	6/18/2021 16:03
Phenanthrene	U		1.6	2.0	µg/L	1	6/18/2021 16:03
Phenol	U		4.2	20	µg/L	1	6/18/2021 16:03
Pyrene	U		0.72	2.0	µg/L	1	6/18/2021 16:03
Surr: 2,4,6-Tribromophenol	*65.2*			*27-83*	*%REC*	1	6/18/2021 16:03
Surr: 2-Fluorobiphenyl	*62.5*			*26-79*	*%REC*	1	6/18/2021 16:03
Surr: 2-Fluorophenol	*43.1*			*13-56*	*%REC*	1	6/18/2021 16:03
Surr: 4-Terphenyl-d14	*81.1*			*43-106*	*%REC*	1	6/18/2021 16:03
Surr: Nitrobenzene-d5	*67.7*			*29-80*	*%REC*	1	6/18/2021 16:03
Surr: Phenol-d6	*27.9*			*10-35*	*%REC*	1	6/18/2021 16:03

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3
Collection Date: 6/4/2021 10:50 AM

Work Order: 21060687
Lab ID: 21060687-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/16/2021 00:23
Surr: Toluene-d8	*87.1*			*70-130*	*%REC*	1	6/16/2021 00:23
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:23
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 00:23
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:23
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 00:23
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:23
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 00:23
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 00:23
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 00:23
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 00:23
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 00:23
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 00:23
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:23
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 00:23
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 00:23
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:23
2-Butanone	**3.1**	J	**0.52**	**5.0**	**µg/L**	1	6/16/2021 00:23
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 00:23
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 00:23
Acetone	**21**		**6.2**	**10**	**µg/L**	1	6/16/2021 00:23
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 00:23
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 00:23
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 00:23
Bromoform	U		0.56	1.0	µg/L	1	6/16/2021 00:23
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 00:23
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 00:23
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 00:23
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 00:23
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 16:28
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 00:23
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 00:23
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 00:23
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 00:23
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 00:23
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 00:23
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 00:23

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B3
Collection Date: 6/4/2021 10:50 AM

Work Order: 21060687
Lab ID: 21060687-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 00:23
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:23
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 00:23
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 00:23
Methyl tert-butyl ether	**12**		**0.45**	**1.0**	**µg/L**	1	6/16/2021 00:23
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 00:23
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 00:23
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 00:23
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 00:23
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 00:23
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 00:23
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 00:23
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 00:23
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 00:23
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 00:23
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 00:23
Surr: 1,2-Dichloroethane-d4	*105*			*75-120*	*%REC*	1	6/16/2021 00:23
Surr: 1,2-Dichloroethane-d4	*103*			*75-120*	*%REC*	1	6/16/2021 16:28
Surr: 4-Bromofluorobenzene	*97.6*			*80-110*	*%REC*	1	6/16/2021 00:23
Surr: 4-Bromofluorobenzene	*96.6*			*80-110*	*%REC*	1	6/16/2021 16:28
Surr: Dibromofluoromethane	*101*			*85-115*	*%REC*	1	6/16/2021 00:23
Surr: Dibromofluoromethane	*100*			*85-115*	*%REC*	1	6/16/2021 16:28
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/16/2021 00:23
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/16/2021 16:28

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4
Collection Date: 6/4/2021 11:10 AM

Work Order: 21060687
Lab ID: 21060687-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.5**	J	**0.26**	**20**	**mg/L**	1	6/16/2021 23:02
ORO (C21-C35)	**2.9**	J	**0.54**	**20**	**mg/L**	1	6/16/2021 23:02
Surr: 4-Terphenyl-d14	*49.5*			*23-120*	*%REC*	1	6/16/2021 23:02
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EE**
1,1`-Biphenyl	U		8.4	20	µg/L	1	6/18/2021 16:28
1,2,4,5-Tetrachlorobenzene	U		6.8	100	µg/L	1	6/18/2021 16:28
1,4-Dioxane	U		14	100	µg/L	1	6/18/2021 16:28
2,2`-Oxybis(1-chloropropane)	U		4.6	20	µg/L	1	6/18/2021 16:28
2,3,4,6-Tetrachlorophenol	U		9.0	20	µg/L	1	6/18/2021 16:28
2,4,5-Trichlorophenol	U		3.4	20	µg/L	1	6/18/2021 16:28
2,4,6-Trichlorophenol	U		5.0	20	µg/L	1	6/18/2021 16:28
2,4-Dichlorophenol	U		7.0	20	µg/L	1	6/18/2021 16:28
2,4-Dimethylphenol	U		7.2	20	µg/L	1	6/18/2021 16:28
2,4-Dinitrophenol	U		52	100	µg/L	1	6/18/2021 16:28
2,4-Dinitrotoluene	U		8.4	20	µg/L	1	6/18/2021 16:28
2,6-Dinitrotoluene	U		6.6	20	µg/L	1	6/18/2021 16:28
2-Chloronaphthalene	U		1.5	2.0	µg/L	1	6/18/2021 16:28
2-Chlorophenol	U		4.6	20	µg/L	1	6/18/2021 16:28
2-Methylnaphthalene	U		1.3	2.0	µg/L	1	6/18/2021 16:28
2-Methylphenol	U		5.0	20	µg/L	1	6/18/2021 16:28
2-Nitroaniline	U		4.2	20	µg/L	1	6/18/2021 16:28
2-Nitrophenol	U		6.8	20	µg/L	1	6/18/2021 16:28
3&4-Methylphenol	U		4.2	20	µg/L	1	6/18/2021 16:28
3,3´-Dichlorobenzidine	U		9.2	100	µg/L	1	6/18/2021 16:28
3-Nitroaniline	U		13	20	µg/L	1	6/18/2021 16:28
4,6-Dinitro-2-methylphenol	U		5.4	20	µg/L	1	6/18/2021 16:28
4-Bromophenyl phenyl ether	U		6.6	20	µg/L	1	6/18/2021 16:28
4-Chloro-3-methylphenol	U		5.2	20	µg/L	1	6/18/2021 16:28
4-Chloroaniline	U		6.8	20	µg/L	1	6/18/2021 16:28
4-Chlorophenyl phenyl ether	U		6.2	20	µg/L	1	6/18/2021 16:28
4-Nitroaniline	U		11	20	µg/L	1	6/18/2021 16:28
4-Nitrophenol	U		4.8	100	µg/L	1	6/18/2021 16:28
Acenaphthene	U		1.6	2.0	µg/L	1	6/18/2021 16:28
Acenaphthylene	U		1.5	2.0	µg/L	1	6/18/2021 16:28
Acetophenone	U		7.4	20	µg/L	1	6/18/2021 16:28
Anthracene	U		0.56	2.0	µg/L	1	6/18/2021 16:28
Atrazine	U		7.0	20	µg/L	1	6/18/2021 16:28
Benzaldehyde	U		10	20	µg/L	1	6/18/2021 16:28

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4
Collection Date: 6/4/2021 11:10 AM

Work Order: 21060687
Lab ID: 21060687-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Benzo(a)anthracene	U		2.0	2.0	µg/L	1	6/18/2021 16:28
Benzo(a)pyrene	U		0.88	2.0	µg/L	1	6/18/2021 16:28
Benzo(b)fluoranthene	U		1.0	2.0	µg/L	1	6/18/2021 16:28
Benzo(g,h,i)perylene	U		1.8	2.0	µg/L	1	6/18/2021 16:28
Benzo(k)fluoranthene	U		0.96	2.0	µg/L	1	6/18/2021 16:28
Bis(2-chloroethoxy)methane	U		5.8	20	µg/L	1	6/18/2021 16:28
Bis(2-chloroethyl)ether	U		7.4	20	µg/L	1	6/18/2021 16:28
Bis(2-ethylhexyl)phthalate	U		8.0	20	µg/L	1	6/18/2021 16:28
Butyl benzyl phthalate	U		6.0	20	µg/L	1	6/18/2021 16:28
Caprolactam	U		19	100	µg/L	1	6/18/2021 16:28
Carbazole	U		4.8	20	µg/L	1	6/18/2021 16:28
Chrysene	U		0.96	2.0	µg/L	1	6/18/2021 16:28
Dibenzo(a,h)anthracene	U		1.5	2.0	µg/L	1	6/18/2021 16:28
Dibenzofuran	U		4.6	20	µg/L	1	6/18/2021 16:28
Diethyl phthalate	U		3.4	20	µg/L	1	6/18/2021 16:28
Dimethyl phthalate	U		3.6	20	µg/L	1	6/18/2021 16:28
Di-n-butyl phthalate	U		4.2	20	µg/L	1	6/18/2021 16:28
Di-n-octyl phthalate	U		11	20	µg/L	1	6/18/2021 16:28
Fluoranthene	U		0.76	2.0	µg/L	1	6/18/2021 16:28
Fluorene	U		1.0	2.0	µg/L	1	6/18/2021 16:28
Hexachlorobenzene	U		8.8	20	µg/L	1	6/18/2021 16:28
Hexachlorobutadiene	U		13	20	µg/L	1	6/18/2021 16:28
Hexachlorocyclopentadiene	U		22	100	µg/L	1	6/18/2021 16:28
Hexachloroethane	U		12	20	µg/L	1	6/18/2021 16:28
Indeno(1,2,3-cd)pyrene	U		1.3	2.0	µg/L	1	6/18/2021 16:28
Isophorone	U		6.8	100	µg/L	1	6/18/2021 16:28
Naphthalene	U		1.3	2.0	µg/L	1	6/18/2021 16:28
Nitrobenzene	U		5.2	20	µg/L	1	6/18/2021 16:28
N-Nitrosodi-n-propylamine	U		7.0	20	µg/L	1	6/18/2021 16:28
N-Nitrosodiphenylamine	U		9.8	20	µg/L	1	6/18/2021 16:28
Pentachlorophenol	U		19	100	µg/L	1	6/18/2021 16:28
Phenanthrene	U		1.6	2.0	µg/L	1	6/18/2021 16:28
Phenol	U		4.2	20	µg/L	1	6/18/2021 16:28
Pyrene	U		0.72	2.0	µg/L	1	6/18/2021 16:28
Surr: 2,4,6-Tribromophenol	*58.4*			*27-83*	*%REC*	1	6/18/2021 16:28
Surr: 2-Fluorobiphenyl	*52.7*			*26-79*	*%REC*	1	6/18/2021 16:28
Surr: 2-Fluorophenol	*37.2*			*13-56*	*%REC*	1	6/18/2021 16:28
Surr: 4-Terphenyl-d14	*65.4*			*43-106*	*%REC*	1	6/18/2021 16:28
Surr: Nitrobenzene-d5	*60.2*			*29-80*	*%REC*	1	6/18/2021 16:28
Surr: Phenol-d6	*24.9*			*10-35*	*%REC*	1	6/18/2021 16:28

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4
Collection Date: 6/4/2021 11:10 AM

Work Order: 21060687
Lab ID: 21060687-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/16/2021 00:07
Surr: Toluene-d8	*89.0*			*70-130*	*%REC*	1	6/16/2021 00:07
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:07
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 00:07
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 00:07
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 00:07
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:07
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 00:07
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 00:07
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 00:07
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 00:07
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 00:07
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 00:07
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 00:07
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 00:07
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 00:07
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:07
2-Butanone	U		0.52	5.0	µg/L	1	6/16/2021 00:07
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 00:07
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 00:07
Acetone	U		6.2	10	µg/L	1	6/16/2021 00:07
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 00:07
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 00:07
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 00:07
Bromoform	U		0.56	1.0	µg/L	1	6/16/2021 00:07
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 00:07
Carbon disulfide	**0.70**	J	**0.49**	**1.0**	**µg/L**	1	6/16/2021 00:07
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 00:07
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 00:07
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 16:45
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 00:07
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 00:07
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 00:07
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 00:07
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 00:07
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 00:07
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 00:07

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-B4
Collection Date: 6/4/2021 11:10 AM

Work Order: 21060687
Lab ID: 21060687-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 00:07
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 00:07
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 00:07
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 00:07
Methyl tert-butyl ether	**1.2**		**0.45**	**1.0**	**µg/L**	1	6/16/2021 00:07
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 00:07
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 00:07
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 00:07
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 00:07
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 00:07
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 00:07
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 00:07
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 00:07
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 00:07
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 00:07
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 00:07
Surr: 1,2-Dichloroethane-d4	*104*			*75-120*	*%REC*	1	6/16/2021 00:07
Surr: 1,2-Dichloroethane-d4	*104*			*75-120*	*%REC*	1	6/16/2021 16:45
Surr: 4-Bromofluorobenzene	*97.8*			*80-110*	*%REC*	1	6/16/2021 00:07
Surr: 4-Bromofluorobenzene	*96.8*			*80-110*	*%REC*	1	6/16/2021 16:45
Surr: Dibromofluoromethane	*103*			*85-115*	*%REC*	1	6/16/2021 00:07
Surr: Dibromofluoromethane	*101*			*85-115*	*%REC*	1	6/16/2021 16:45
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/16/2021 00:07
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/16/2021 16:45

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-FB
Collection Date: 6/4/2021 11:00 AM

Work Order: 21060687
Lab ID: 21060687-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 16:28
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 16:30
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/16/2021 20:40
Barium	U		0.0043	0.0050	mg/L	1	6/16/2021 20:40
Cadmium	U		0.00078	0.010	mg/L	1	6/16/2021 20:40
Chromium	U		0.00093	0.0050	mg/L	1	6/16/2021 20:40
Lead	U		0.0013	0.0050	mg/L	1	6/16/2021 20:40
Selenium	U		0.0032	0.010	mg/L	1	6/16/2021 20:40
Silver	U		0.0025	0.0050	mg/L	1	6/21/2021 23:51
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/16/2021 20:45
Barium	U		0.0043	0.0050	mg/L	1	6/16/2021 20:45
Cadmium	U		0.00078	0.010	mg/L	1	6/16/2021 20:45
Chromium	U		0.00093	0.0050	mg/L	1	6/16/2021 20:45
Lead	U		0.0013	0.0050	mg/L	1	6/16/2021 20:45
Selenium	U		0.0032	0.010	mg/L	1	6/16/2021 20:45
Silver	U		0.0025	0.0050	mg/L	1	6/21/2021 23:56
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**0.11**	J	**0.013**	**1.0**	**mg/L**	1	6/16/2021 23:33
ORO (C21-C35)	**0.11**	J	**0.027**	**1.0**	**mg/L**	1	6/16/2021 23:33
Surr: 4-Terphenyl-d14	*49.7*			*23-120*	*%REC*	1	6/16/2021 23:33
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EE**
1,1`-Biphenyl	U		4.2	10	µg/L	10	6/22/2021 15:48
1,2,4,5-Tetrachlorobenzene	U		3.4	50	µg/L	10	6/22/2021 15:48
1,4-Dioxane	U		7.2	50	µg/L	10	6/22/2021 15:48
2,2`-Oxybis(1-chloropropane)	U		2.3	10	µg/L	10	6/22/2021 15:48
2,3,4,6-Tetrachlorophenol	U		4.5	10	µg/L	10	6/22/2021 15:48
2,4,5-Trichlorophenol	U		1.7	10	µg/L	10	6/22/2021 15:48
2,4,6-Trichlorophenol	U		2.5	10	µg/L	10	6/22/2021 15:48
2,4-Dichlorophenol	U		3.5	10	µg/L	10	6/22/2021 15:48
2,4-Dimethylphenol	U		3.6	10	µg/L	10	6/22/2021 15:48
2,4-Dinitrophenol	U		26	50	µg/L	10	6/22/2021 15:48
2,4-Dinitrotoluene	U		4.2	10	µg/L	10	6/22/2021 15:48

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-FB
Collection Date: 6/4/2021 11:00 AM

Work Order: 21060687
Lab ID: 21060687-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		3.3	10	µg/L	10	6/22/2021 15:48
2-Chloronaphthalene	U		0.75	1.0	µg/L	10	6/22/2021 15:48
2-Chlorophenol	U		2.3	10	µg/L	10	6/22/2021 15:48
2-Methylnaphthalene	U		0.65	1.0	µg/L	10	6/22/2021 15:48
2-Methylphenol	U		2.5	10	µg/L	10	6/22/2021 15:48
2-Nitroaniline	U		2.1	10	µg/L	10	6/22/2021 15:48
2-Nitrophenol	U		3.4	10	µg/L	10	6/22/2021 15:48
3&4-Methylphenol	U		2.1	10	µg/L	10	6/22/2021 15:48
3,3´-Dichlorobenzidine	U		4.6	50	µg/L	10	6/22/2021 15:48
3-Nitroaniline	U		6.4	10	µg/L	10	6/22/2021 15:48
4,6-Dinitro-2-methylphenol	U		2.7	10	µg/L	10	6/22/2021 15:48
4-Bromophenyl phenyl ether	U		3.3	10	µg/L	10	6/22/2021 15:48
4-Chloro-3-methylphenol	U		2.6	10	µg/L	10	6/22/2021 15:48
4-Chloroaniline	U		3.4	10	µg/L	10	6/22/2021 15:48
4-Chlorophenyl phenyl ether	U		3.1	10	µg/L	10	6/22/2021 15:48
4-Nitroaniline	U		5.7	10	µg/L	10	6/22/2021 15:48
4-Nitrophenol	U		2.4	50	µg/L	10	6/22/2021 15:48
Acenaphthene	U		0.81	1.0	µg/L	10	6/22/2021 15:48
Acenaphthylene	U		0.75	1.0	µg/L	10	6/22/2021 15:48
Acetophenone	U		3.7	10	µg/L	10	6/22/2021 15:48
Anthracene	U		0.28	1.0	µg/L	10	6/22/2021 15:48
Atrazine	U		3.5	10	µg/L	10	6/22/2021 15:48
Benzaldehyde	U		5.2	10	µg/L	10	6/22/2021 15:48
Benzo(a)anthracene	U		0.99	1.0	µg/L	10	6/22/2021 15:48
Benzo(a)pyrene	U		0.44	1.0	µg/L	10	6/22/2021 15:48
Benzo(b)fluoranthene	U		0.51	1.0	µg/L	10	6/22/2021 15:48
Benzo(g,h,i)perylene	U		0.89	1.0	µg/L	10	6/22/2021 15:48
Benzo(k)fluoranthene	U		0.48	1.0	µg/L	10	6/22/2021 15:48
Bis(2-chloroethoxy)methane	U		2.9	10	µg/L	10	6/22/2021 15:48
Bis(2-chloroethyl)ether	U		3.7	10	µg/L	10	6/22/2021 15:48
Bis(2-ethylhexyl)phthalate	U		4.0	10	µg/L	10	6/22/2021 15:48
Butyl benzyl phthalate	U		3.0	10	µg/L	10	6/22/2021 15:48
Caprolactam	U		9.6	50	µg/L	10	6/22/2021 15:48
Carbazole	U		2.4	10	µg/L	10	6/22/2021 15:48
Chrysene	U		0.48	1.0	µg/L	10	6/22/2021 15:48
Dibenzo(a,h)anthracene	U		0.73	1.0	µg/L	10	6/22/2021 15:48
Dibenzofuran	U		2.3	10	µg/L	10	6/22/2021 15:48
Diethyl phthalate	U		1.7	10	µg/L	10	6/22/2021 15:48
Dimethyl phthalate	U		1.8	10	µg/L	10	6/22/2021 15:48
Di-n-butyl phthalate	U		2.1	10	µg/L	10	6/22/2021 15:48

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-FB
Collection Date: 6/4/2021 11:00 AM

Work Order: 21060687
Lab ID: 21060687-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		5.3	10	µg/L	10	6/22/2021 15:48
Fluoranthene	U		0.38	1.0	µg/L	10	6/22/2021 15:48
Fluorene	U		0.51	1.0	µg/L	10	6/22/2021 15:48
Hexachlorobenzene	U		4.4	10	µg/L	10	6/22/2021 15:48
Hexachlorobutadiene	U		6.3	10	µg/L	10	6/22/2021 15:48
Hexachlorocyclopentadiene	U		11	50	µg/L	10	6/22/2021 15:48
Hexachloroethane	U		6.2	10	µg/L	10	6/22/2021 15:48
Indeno(1,2,3-cd)pyrene	U		0.67	1.0	µg/L	10	6/22/2021 15:48
Isophorone	U		3.4	50	µg/L	10	6/22/2021 15:48
Naphthalene	U		0.67	1.0	µg/L	10	6/22/2021 15:48
Nitrobenzene	U		2.6	10	µg/L	10	6/22/2021 15:48
N-Nitrosodi-n-propylamine	U		3.5	10	µg/L	10	6/22/2021 15:48
N-Nitrosodiphenylamine	U		4.9	10	µg/L	10	6/22/2021 15:48
Pentachlorophenol	U		9.7	50	µg/L	10	6/22/2021 15:48
Phenanthrene	U		0.81	1.0	µg/L	10	6/22/2021 15:48
Phenol	U		2.1	10	µg/L	10	6/22/2021 15:48
Pyrene	U		0.36	1.0	µg/L	10	6/22/2021 15:48
Surr: 2,4,6-Tribromophenol	*58.0*			*27-83*	*%REC*	10	6/22/2021 15:48
Surr: 2-Fluorobiphenyl	*62.4*			*26-79*	*%REC*	10	6/22/2021 15:48
Surr: 2-Fluorophenol	*39.0*			*13-56*	*%REC*	10	6/22/2021 15:48
Surr: 4-Terphenyl-d14	*78.2*			*43-106*	*%REC*	10	6/22/2021 15:48
Surr: Nitrobenzene-d5	*63.2*			*29-80*	*%REC*	10	6/22/2021 15:48
Surr: Phenol-d6	*23.2*			*10-35*	*%REC*	10	6/22/2021 15:48
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/15/2021 23:50
Surr: Toluene-d8	*91.2*			*70-130*	*%REC*	1	6/15/2021 23:50
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 23:50
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/15/2021 23:50
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 23:50
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/15/2021 23:50
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 23:50
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/15/2021 23:50
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/15/2021 23:50
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/15/2021 23:50
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/15/2021 23:50
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/15/2021 23:50
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/15/2021 23:50
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 23:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-FB
Collection Date: 6/4/2021 11:00 AM

Work Order: 21060687
Lab ID: 21060687-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/15/2021 23:50
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/15/2021 23:50
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/15/2021 23:50
2-Butanone	U		0.52	5.0	µg/L	1	6/15/2021 23:50
2-Hexanone	U		0.59	5.0	µg/L	1	6/15/2021 23:50
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/15/2021 23:50
Acetone	U		6.2	10	µg/L	1	6/15/2021 23:50
Benzene	U		0.46	1.0	µg/L	1	6/15/2021 23:50
Bromochloromethane	U		0.45	1.0	µg/L	1	6/15/2021 23:50
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/15/2021 23:50
Bromoform	**0.78**	J	**0.56**	**1.0**	**µg/L**	1	6/15/2021 23:50
Bromomethane	U		0.90	1.0	µg/L	1	6/15/2021 23:50
Carbon disulfide	U		0.49	1.0	µg/L	1	6/15/2021 23:50
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/15/2021 23:50
Chlorobenzene	U		0.40	1.0	µg/L	1	6/15/2021 23:50
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 17:02
Chloroform	U		0.46	1.0	µg/L	1	6/15/2021 23:50
Chloromethane	U		0.83	1.0	µg/L	1	6/15/2021 23:50
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/15/2021 23:50
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/15/2021 23:50
Cyclohexane	U		0.63	2.0	µg/L	1	6/15/2021 23:50
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/15/2021 23:50
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/15/2021 23:50
Ethylbenzene	U		0.34	1.0	µg/L	1	6/15/2021 23:50
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/15/2021 23:50
m,p-Xylene	U		0.81	2.0	µg/L	1	6/15/2021 23:50
Methyl acetate	U		0.59	2.0	µg/L	1	6/15/2021 23:50
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/15/2021 23:50
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/15/2021 23:50
Methylene chloride	U		0.86	5.0	µg/L	1	6/15/2021 23:50
o-Xylene	U		0.31	1.0	µg/L	1	6/15/2021 23:50
Styrene	U		0.33	1.0	µg/L	1	6/15/2021 23:50
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/15/2021 23:50
Toluene	U		0.45	1.0	µg/L	1	6/15/2021 23:50
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/15/2021 23:50
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/15/2021 23:50
Trichloroethene	U		0.43	1.0	µg/L	1	6/15/2021 23:50
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/15/2021 23:50
Vinyl chloride	U		0.53	1.0	µg/L	1	6/15/2021 23:50
Surr: 1,2-Dichloroethane-d4	*106*			*75-120*	*%REC*	1	6/15/2021 23:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-FB
Collection Date: 6/4/2021 11:00 AM

Work Order: 21060687
Lab ID: 21060687-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*104*			*75-120*	*%REC*	1	6/16/2021 17:02
Surr: 4-Bromofluorobenzene	*98.0*			*80-110*	*%REC*	1	6/15/2021 23:50
Surr: 4-Bromofluorobenzene	*97.4*			*80-110*	*%REC*	1	6/16/2021 17:02
Surr: Dibromofluoromethane	*101*			*85-115*	*%REC*	1	6/15/2021 23:50
Surr: Dibromofluoromethane	*99.8*			*85-115*	*%REC*	1	6/16/2021 17:02
Surr: Toluene-d8	*103*			*85-110*	*%REC*	1	6/15/2021 23:50
Surr: Toluene-d8	*99.6*			*85-110*	*%REC*	1	6/16/2021 17:02

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-RN
Collection Date: 6/4/2021 11:20 AM

Work Order: 21060687
Lab ID: 21060687-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:21
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:22
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/16/2021 20:50
Barium	U		0.0043	0.0050	mg/L	1	6/16/2021 20:50
Cadmium	U		0.00078	0.010	mg/L	1	6/16/2021 20:50
Chromium	U		0.00093	0.0050	mg/L	1	6/16/2021 20:50
Lead	U		0.0013	0.0050	mg/L	1	6/16/2021 20:50
Selenium	U		0.0032	0.010	mg/L	1	6/16/2021 20:50
Silver	U		0.0025	0.0050	mg/L	1	6/22/2021 00:01
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/16/2021 20:56
Barium	U		0.0043	0.0050	mg/L	1	6/16/2021 20:56
Cadmium	U		0.00078	0.010	mg/L	1	6/16/2021 20:56
Chromium	U		0.00093	0.0050	mg/L	1	6/16/2021 20:56
Lead	U		0.0013	0.0050	mg/L	1	6/16/2021 20:56
Selenium	U		0.0032	0.010	mg/L	1	6/16/2021 20:56
Silver	U		0.0025	0.0050	mg/L	1	6/22/2021 00:06
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**0.12**	J	**0.013**	**1.0**	**mg/L**	1	6/17/2021 00:03
ORO (C21-C35)	**0.11**	J	**0.027**	**1.0**	**mg/L**	1	6/17/2021 00:03
Surr: 4-Terphenyl-d14	*54.1*			*23-120*	*%REC*	1	6/17/2021 00:03
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EEW**
1,1`-Biphenyl	U		0.42	1.0	µg/L	1	6/22/2021 03:55
1,2,4,5-Tetrachlorobenzene	U		0.34	5.0	µg/L	1	6/22/2021 03:55
1,4-Dioxane	U		0.72	5.0	µg/L	1	6/22/2021 03:55
2,2`-Oxybis(1-chloropropane)	U		0.23	1.0	µg/L	1	6/22/2021 03:55
2,3,4,6-Tetrachlorophenol	U		0.45	1.0	µg/L	1	6/22/2021 03:55
2,4,5-Trichlorophenol	U		0.17	1.0	µg/L	1	6/22/2021 03:55
2,4,6-Trichlorophenol	U		0.25	1.0	µg/L	1	6/22/2021 03:55
2,4-Dichlorophenol	U		0.35	1.0	µg/L	1	6/22/2021 03:55
2,4-Dimethylphenol	U		0.36	1.0	µg/L	1	6/22/2021 03:55
2,4-Dinitrophenol	U		2.6	5.0	µg/L	1	6/22/2021 03:55
2,4-Dinitrotoluene	U		0.42	1.0	µg/L	1	6/22/2021 03:55

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-RN
Collection Date: 6/4/2021 11:20 AM

Work Order: 21060687
Lab ID: 21060687-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		0.33	1.0	µg/L	1	6/22/2021 03:55
2-Chloronaphthalene	U		0.075	0.10	µg/L	1	6/22/2021 03:55
2-Chlorophenol	U		0.23	1.0	µg/L	1	6/22/2021 03:55
2-Methylnaphthalene	U		0.065	0.10	µg/L	1	6/22/2021 03:55
2-Methylphenol	U		0.25	1.0	µg/L	1	6/22/2021 03:55
2-Nitroaniline	U		0.21	1.0	µg/L	1	6/22/2021 03:55
2-Nitrophenol	U		0.34	1.0	µg/L	1	6/22/2021 03:55
3&4-Methylphenol	U		0.21	1.0	µg/L	1	6/22/2021 03:55
3,3´-Dichlorobenzidine	U		0.46	5.0	µg/L	1	6/22/2021 03:55
3-Nitroaniline	U		0.64	1.0	µg/L	1	6/22/2021 03:55
4,6-Dinitro-2-methylphenol	U		0.27	1.0	µg/L	1	6/22/2021 03:55
4-Bromophenyl phenyl ether	U		0.33	1.0	µg/L	1	6/22/2021 03:55
4-Chloro-3-methylphenol	U		0.26	1.0	µg/L	1	6/22/2021 03:55
4-Chloroaniline	U		0.34	1.0	µg/L	1	6/22/2021 03:55
4-Chlorophenyl phenyl ether	U		0.31	1.0	µg/L	1	6/22/2021 03:55
4-Nitroaniline	U		0.57	1.0	µg/L	1	6/22/2021 03:55
4-Nitrophenol	U		0.24	5.0	µg/L	1	6/22/2021 03:55
Acenaphthene	U		0.081	0.10	µg/L	1	6/22/2021 03:55
Acenaphthylene	U		0.075	0.10	µg/L	1	6/22/2021 03:55
Acetophenone	U		0.37	1.0	µg/L	1	6/22/2021 03:55
Anthracene	U		0.028	0.10	µg/L	1	6/22/2021 03:55
Atrazine	U		0.35	1.0	µg/L	1	6/22/2021 03:55
Benzaldehyde	U		0.52	1.0	µg/L	1	6/22/2021 03:55
Benzo(a)anthracene	U		0.099	0.10	µg/L	1	6/22/2021 03:55
Benzo(a)pyrene	U		0.044	0.10	µg/L	1	6/22/2021 03:55
Benzo(b)fluoranthene	U		0.051	0.10	µg/L	1	6/22/2021 03:55
Benzo(g,h,i)perylene	U		0.089	0.10	µg/L	1	6/22/2021 03:55
Benzo(k)fluoranthene	U		0.048	0.10	µg/L	1	6/22/2021 03:55
Bis(2-chloroethoxy)methane	U		0.29	1.0	µg/L	1	6/22/2021 03:55
Bis(2-chloroethyl)ether	U		0.37	1.0	µg/L	1	6/22/2021 03:55
Bis(2-ethylhexyl)phthalate	U		0.40	1.0	µg/L	1	6/22/2021 03:55
Butyl benzyl phthalate	U		0.30	1.0	µg/L	1	6/22/2021 03:55
Caprolactam	U		0.96	5.0	µg/L	1	6/22/2021 03:55
Carbazole	U		0.24	1.0	µg/L	1	6/22/2021 03:55
Chrysene	U		0.048	0.10	µg/L	1	6/22/2021 03:55
Dibenzo(a,h)anthracene	U		0.073	0.10	µg/L	1	6/22/2021 03:55
Dibenzofuran	U		0.23	1.0	µg/L	1	6/22/2021 03:55
Diethyl phthalate	U		0.17	1.0	µg/L	1	6/22/2021 03:55
Dimethyl phthalate	U		0.18	1.0	µg/L	1	6/22/2021 03:55
Di-n-butyl phthalate	U		0.21	1.0	µg/L	1	6/22/2021 03:55

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-RN
Collection Date: 6/4/2021 11:20 AM

Work Order: 21060687
Lab ID: 21060687-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		0.53	1.0	µg/L	1	6/22/2021 03:55
Fluoranthene	U		0.038	0.10	µg/L	1	6/22/2021 03:55
Fluorene	U		0.051	0.10	µg/L	1	6/22/2021 03:55
Hexachlorobenzene	U		0.44	1.0	µg/L	1	6/22/2021 03:55
Hexachlorobutadiene	U		0.63	1.0	µg/L	1	6/22/2021 03:55
Hexachlorocyclopentadiene	U		1.1	5.0	µg/L	1	6/22/2021 03:55
Hexachloroethane	U		0.62	1.0	µg/L	1	6/22/2021 03:55
Indeno(1,2,3-cd)pyrene	U		0.067	0.10	µg/L	1	6/22/2021 03:55
Isophorone	U		0.34	5.0	µg/L	1	6/22/2021 03:55
Naphthalene	U		0.067	0.10	µg/L	1	6/22/2021 03:55
Nitrobenzene	U		0.26	1.0	µg/L	1	6/22/2021 03:55
N-Nitrosodi-n-propylamine	U		0.35	1.0	µg/L	1	6/22/2021 03:55
N-Nitrosodiphenylamine	U		0.49	1.0	µg/L	1	6/22/2021 03:55
Pentachlorophenol	U		0.97	5.0	µg/L	1	6/22/2021 03:55
Phenanthrene	U		0.081	0.10	µg/L	1	6/22/2021 03:55
Phenol	U		0.21	1.0	µg/L	1	6/22/2021 03:55
Pyrene	U		0.036	0.10	µg/L	1	6/22/2021 03:55
Surr: 2,4,6-Tribromophenol	*57.9*			*27-83*	*%REC*	1	6/22/2021 03:55
Surr: 2-Fluorobiphenyl	*57.2*			*26-79*	*%REC*	1	6/22/2021 03:55
Surr: 2-Fluorophenol	*36.4*			*13-56*	*%REC*	1	6/22/2021 03:55
Surr: 4-Terphenyl-d14	*72.7*			*43-106*	*%REC*	1	6/22/2021 03:55
Surr: Nitrobenzene-d5	*53.2*			*29-80*	*%REC*	1	6/22/2021 03:55
Surr: Phenol-d6	*23.0*			*10-35*	*%REC*	1	6/22/2021 03:55
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/15/2021 23:33
Surr: Toluene-d8	*88.6*			*70-130*	*%REC*	1	6/15/2021 23:33
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 23:33
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/15/2021 23:33
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 23:33
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/15/2021 23:33
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 23:33
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/15/2021 23:33
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/15/2021 23:33
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/15/2021 23:33
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/15/2021 23:33
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/15/2021 23:33
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/15/2021 23:33
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 23:33

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-RN
Collection Date: 6/4/2021 11:20 AM

Work Order: 21060687
Lab ID: 21060687-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/15/2021 23:33
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/15/2021 23:33
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/15/2021 23:33
2-Butanone	**0.87**	J	**0.52**	**5.0**	**µg/L**	1	6/15/2021 23:33
2-Hexanone	U		0.59	5.0	µg/L	1	6/15/2021 23:33
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/15/2021 23:33
Acetone	U		6.2	10	µg/L	1	6/15/2021 23:33
Benzene	U		0.46	1.0	µg/L	1	6/15/2021 23:33
Bromochloromethane	U		0.45	1.0	µg/L	1	6/15/2021 23:33
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/15/2021 23:33
Bromoform	U		0.56	1.0	µg/L	1	6/15/2021 23:33
Bromomethane	U		0.90	1.0	µg/L	1	6/15/2021 23:33
Carbon disulfide	U		0.49	1.0	µg/L	1	6/15/2021 23:33
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/15/2021 23:33
Chlorobenzene	U		0.40	1.0	µg/L	1	6/15/2021 23:33
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 17:19
Chloroform	U		0.46	1.0	µg/L	1	6/15/2021 23:33
Chloromethane	U		0.83	1.0	µg/L	1	6/15/2021 23:33
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/15/2021 23:33
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/15/2021 23:33
Cyclohexane	U		0.63	2.0	µg/L	1	6/15/2021 23:33
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/15/2021 23:33
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/15/2021 23:33
Ethylbenzene	U		0.34	1.0	µg/L	1	6/15/2021 23:33
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/15/2021 23:33
m,p-Xylene	U		0.81	2.0	µg/L	1	6/15/2021 23:33
Methyl acetate	U		0.59	2.0	µg/L	1	6/15/2021 23:33
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/15/2021 23:33
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/15/2021 23:33
Methylene chloride	U		0.86	5.0	µg/L	1	6/15/2021 23:33
o-Xylene	U		0.31	1.0	µg/L	1	6/15/2021 23:33
Styrene	U		0.33	1.0	µg/L	1	6/15/2021 23:33
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/15/2021 23:33
Toluene	U		0.45	1.0	µg/L	1	6/15/2021 23:33
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/15/2021 23:33
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/15/2021 23:33
Trichloroethene	U		0.43	1.0	µg/L	1	6/15/2021 23:33
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/15/2021 23:33
Vinyl chloride	U		0.53	1.0	µg/L	1	6/15/2021 23:33
Surr: 1,2-Dichloroethane-d4	*106*			*75-120*	*%REC*	1	6/15/2021 23:33

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9846-RN
Collection Date: 6/4/2021 11:20 AM

Work Order: 21060687
Lab ID: 21060687-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*105*			*75-120*	*%REC*	1	6/16/2021 17:19
Surr: 4-Bromofluorobenzene	*99.7*			*80-110*	*%REC*	1	6/15/2021 23:33
Surr: 4-Bromofluorobenzene	*98.0*			*80-110*	*%REC*	1	6/16/2021 17:19
Surr: Dibromofluoromethane	*101*			*85-115*	*%REC*	1	6/15/2021 23:33
Surr: Dibromofluoromethane	*98.8*			*85-115*	*%REC*	1	6/16/2021 17:19
Surr: Toluene-d8	*102*			*85-110*	*%REC*	1	6/15/2021 23:33
Surr: Toluene-d8	*102*			*85-110*	*%REC*	1	6/16/2021 17:19

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 1
Collection Date: 6/4/2021

Work Order: 21060687
Lab ID: 21060687-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **DMC**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 15:08
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 15:08
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 15:08
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 15:08
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 15:08
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 15:08
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 15:08
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 15:08
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 15:08
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 15:08
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 15:08
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 15:08
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 15:08
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 15:08
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 15:08
2-Butanone	U		0.52	5.0	µg/L	1	6/16/2021 15:08
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 15:08
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 15:08
Acetone	U		6.2	10	µg/L	1	6/16/2021 15:08
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 15:08
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 15:08
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 15:08
Bromoform	**1.5**		**0.56**	**1.0**	**µg/L**	1	6/16/2021 15:08
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 15:08
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 15:08
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 15:08
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 15:08
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 15:08
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 15:08
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 15:08
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 15:08
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 15:08
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 15:08
Dibromochloromethane	**0.61**	J	**0.40**	**1.0**	**µg/L**	1	6/16/2021 15:08
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 15:08
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 15:08
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 15:08
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 15:08

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 1
Collection Date: 6/4/2021

Work Order: 21060687
Lab ID: 21060687-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 15:08
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 15:08
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 15:08
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 15:08
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 15:08
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 15:08
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 15:08
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 15:08
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 15:08
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 15:08
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 15:08
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 15:08
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 15:08
Surr: 1,2-Dichloroethane-d4	*101*			*75-120*	*%REC*	1	6/16/2021 15:08
Surr: 4-Bromofluorobenzene	*96.5*			*80-110*	*%REC*	1	6/16/2021 15:08
Surr: Dibromofluoromethane	*95.8*			*85-115*	*%REC*	1	6/16/2021 15:08
Surr: Toluene-d8	*98.6*			*85-110*	*%REC*	1	6/16/2021 15:08

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 2
Collection Date: 6/4/2021

Work Order: 21060687
Lab ID: 21060687-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **DMC**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 16:45
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 16:45
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 16:45
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 16:45
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 16:45
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 16:45
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 16:45
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 16:45
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 16:45
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 16:45
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 16:45
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 16:45
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 16:45
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 16:45
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 16:45
2-Butanone	U		0.52	5.0	µg/L	1	6/16/2021 16:45
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 16:45
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 16:45
Acetone	U		6.2	10	µg/L	1	6/16/2021 16:45
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 16:45
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 16:45
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 16:45
Bromoform	**1.4**		**0.56**	**1.0**	**µg/L**	1	6/16/2021 16:45
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 16:45
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 16:45
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 16:45
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 16:45
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 16:45
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 16:45
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 16:45
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 16:45
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 16:45
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 16:45
Dibromochloromethane	**0.64**	J	**0.40**	**1.0**	**µg/L**	1	6/16/2021 16:45
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 16:45
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 16:45
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 16:45
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 16:45

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 2
Collection Date: 6/4/2021

Work Order: 21060687
Lab ID: 21060687-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 16:45
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 16:45
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 16:45
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 16:45
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 16:45
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 16:45
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 16:45
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 16:45
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 16:45
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 16:45
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 16:45
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 16:45
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 16:45
Surr: 1,2-Dichloroethane-d4	*97.2*			*75-120*	*%REC*	1	6/16/2021 16:45
Surr: 4-Bromofluorobenzene	*95.7*			*80-110*	*%REC*	1	6/16/2021 16:45
Surr: Dibromofluoromethane	*97.4*			*85-115*	*%REC*	1	6/16/2021 16:45
Surr: Toluene-d8	*98.6*			*85-110*	*%REC*	1	6/16/2021 16:45

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 22-Jun-21

Client: Tetra Tech

QC BATCH REPORT

Work Order: 21060687

Project: Advance Auto Parts (103G65210190.06.03)

Batch ID: **178626** Instrument ID **HG4** Method: **SW7470A**

MBLK Sample ID: **MBLK-178626-178626** Units: **mg/L** Analysis Date: **6/16/2021 04:16 PM**

Client ID: Run ID: **HG4_210616A** SeqNo: **7493927** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00016	0.00020								

LCS Sample ID: **LCS-178626-178626** Units: **mg/L** Analysis Date: **6/16/2021 04:17 PM**

Client ID: Run ID: **HG4_210616A** SeqNo: **7493928** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00231	0.00016	0.00020	0.002	0	116	80-120	0			

MS Sample ID: **21060617-01AMS** Units: **mg/L** Analysis Date: **6/16/2021 04:21 PM**

Client ID: Run ID: **HG4_210616A** SeqNo: **7493931** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.002445	0.00016	0.00020	0.002	0.0002955	107	75-125	0			

MSD Sample ID: **21060617-01AMSD** Units: **mg/L** Analysis Date: **6/16/2021 04:23 PM**

Client ID: Run ID: **HG4_210616A** SeqNo: **7493932** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.002385	0.00016	0.00020	0.002	0.0002955	104	75-125	0.002445	2.48	20	

The following samples were analyzed in this batch: 21060687-05C 21060687-05D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178627** Instrument ID **HG4** Method: **SW7470A**

MBLK Sample ID: **MBLK-178627-178627** Units: **mg/L** Analysis Date: **6/16/2021 03:17 PM**
Client ID: Run ID: **HG4_210616A** SeqNo: **7493880** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00016	0.00020								

LCS Sample ID: **LCS-178627-178627** Units: **mg/L** Analysis Date: **6/16/2021 03:19 PM**
Client ID: Run ID: **HG4_210616A** SeqNo: **7493881** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.002205	0.00016	0.00020	0.002	0	110	80-120	0			

MS Sample ID: **21060688-03DMS** Units: **mg/L** Analysis Date: **6/16/2021 03:40 PM**
Client ID: Run ID: **HG4_210616A** SeqNo: **7493899** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00168	0.00016	0.00020	0.002	0.00003	82.5	75-125	0			

MSD Sample ID: **21060688-03DMSD** Units: **mg/L** Analysis Date: **6/16/2021 03:42 PM**
Client ID: Run ID: **HG4_210616A** SeqNo: **7493900** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.001695	0.00016	0.00020	0.002	0.00003	83.2	75-125	0.00168	0.889	20	

The following samples were analyzed in this batch: 21060687-06C 21060687-06D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178667** Instrument ID **ICP2** Method: **SW6010D**

MBLK Sample ID: **MBLK-178667-178667** Units: **mg/L** Analysis Date: **6/16/2021 08:30 PM**
Client ID: Run ID: **ICP2_210616B** SeqNo: **7494065** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.0016	0.0050								
Barium	U	0.0043	0.0050								
Cadmium	U	0.00078	0.010								
Chromium	U	0.00093	0.0050								
Lead	U	0.0013	0.0050								
Selenium	U	0.0032	0.010								

LCS Sample ID: **LCS-178667-178667** Units: **mg/L** Analysis Date: **6/16/2021 08:35 PM**
Client ID: Run ID: **ICP2_210616B** SeqNo: **7494066** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.09361	0.0016	0.0050	0.1	0	93.6	80-120	0			
Barium	0.1069	0.0043	0.0050	0.1	0	107	80-120	0			
Cadmium	0.09724	0.00078	0.010	0.1	0	97.2	80-120	0			
Chromium	0.1057	0.00093	0.0050	0.1	0	106	80-120	0			
Lead	0.1035	0.0013	0.0050	0.1	0	104	80-120	0			
Selenium	0.09361	0.0032	0.010	0.1	0	93.6	80-120	0			
Silver	0.1128	0.0025	0.0050	0.1	0	113	80-120	0			B

MS Sample ID: **21060688-01DMS** Units: **mg/L** Analysis Date: **6/17/2021 01:04 PM**
Client ID: Run ID: **ICP2_210617A** SeqNo: **7498725** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1034	0.0016	0.0050	0.1	0.03377	69.6	75-125	0			S
Barium	0.268	0.0043	0.0050	0.1	1.579	-1310	75-125	0			SO
Cadmium	0.102	0.00078	0.010	0.1	0.0002937	102	75-125	0			
Chromium	0.1066	0.00093	0.0050	0.1	0.1381	-31.6	75-125	0			S
Lead	0.102	0.0013	0.0050	0.1	0.04785	54.1	75-125	0			S
Selenium	0.102	0.0032	0.010	0.1	0.0009504	101	75-125	0			
Silver	0.1176	0.0025	0.0050	0.1	0.001419	116	75-125	0			

MSD Sample ID: **21060688-01DMSD** Units: **mg/L** Analysis Date: **6/17/2021 01:09 PM**
Client ID: Run ID: **ICP2_210617A** SeqNo: **7498726** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1003	0.0016	0.0050	0.1	0.03377	66.6	75-125	0.1034	3.02	20	S
Barium	0.2648	0.0043	0.0050	0.1	1.579	-1310	75-125	0.268	1.23	20	SO
Cadmium	0.09977	0.00078	0.010	0.1	0.0002937	99.5	75-125	0.102	2.18	20	
Chromium	0.1045	0.00093	0.0050	0.1	0.1381	-33.6	75-125	0.1066	1.98	20	S
Lead	0.0979	0.0013	0.0050	0.1	0.04785	50	75-125	0.102	4.07	20	S
Selenium	0.1011	0.0032	0.010	0.1	0.0009504	100	75-125	0.102	0.867	20	
Silver	0.113	0.0025	0.0050	0.1	0.001419	112	75-125	0.1176	4.02	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178667** Instrument ID **ICP2** Method: **SW6010D**

The following samples were analyzed in this batch:

21060687-05C	21060687-05D	21060687-06C
21060687-06D		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178921** Instrument ID **ICP2** Method: **SW6010D**

MBLK Sample ID: **MBLK-178921-178921** Units: **mg/L** Analysis Date: **6/21/2021 11:36 PM**
Client ID: Run ID: **ICP2_210621B** SeqNo: **7508552** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	U	0.0013	0.0050								
Silver	U	0.0025	0.0050								

LCS Sample ID: **LCS-178921-178921** Units: **mg/L** Analysis Date: **6/21/2021 11:41 PM**
Client ID: Run ID: **ICP2_210621B** SeqNo: **7508553** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.1012	0.0013	0.0050	0.1	0	101	80-120	0			
Silver	0.1045	0.0025	0.0050	0.1	0	104	80-120	0			

MS Sample ID: **21060687-06DMS** Units: **mg/L** Analysis Date: **6/22/2021 12:12 AM**
Client ID: **9846-RN** Run ID: **ICP2_210621B** SeqNo: **7508559** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.1034	0.0013	0.0050	0.1	0.0002255	103	75-125	0			
Silver	0.1063	0.0025	0.0050	0.1	-0.0003036	107	75-125	0			

MSD Sample ID: **21060687-06DMSD** Units: **mg/L** Analysis Date: **6/22/2021 12:17 AM**
Client ID: **9846-RN** Run ID: **ICP2_210621B** SeqNo: **7508560** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.1005	0.0013	0.0050	0.1	0.0002255	100	75-125	0.1034	2.8	20	
Silver	0.1056	0.0025	0.0050	0.1	-0.0003036	106	75-125	0.1063	0.623	20	

The following samples were analyzed in this batch: 21060687-05C 21060687-05D 21060687-06C 21060687-06D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

MBLK Sample ID: **SBLKW1-178295-178295** Units: **µg/L** Analysis Date: **6/18/2021 11:33 AM**
Client ID: Run ID: **SVMS9_210618A** SeqNo: **7506276** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	U	0.42	1.0								
1,2,4,5-Tetrachlorobenzene	U	0.34	5.0								
1,4-Dioxane	U	0.72	5.0								
2,2`-Oxybis(1-chloropropane)	U	0.23	1.0								
2,3,4,6-Tetrachlorophenol	U	0.45	1.0								
2,4,5-Trichlorophenol	U	0.17	1.0								
2,4,6-Trichlorophenol	U	0.25	1.0								
2,4-Dichlorophenol	U	0.35	1.0								
2,4-Dimethylphenol	U	0.36	1.0								
2,4-Dinitrophenol	U	2.6	5.0								
2,4-Dinitrotoluene	U	0.42	1.0								
2,6-Dinitrotoluene	U	0.33	1.0								
2-Chloronaphthalene	U	0.075	0.10								
2-Chlorophenol	U	0.23	1.0								
2-Methylnaphthalene	U	0.065	0.10								
2-Methylphenol	U	0.25	1.0								
2-Nitroaniline	U	0.21	1.0								
2-Nitrophenol	U	0.34	1.0								
3&4-Methylphenol	U	0.21	1.0								
3,3´-Dichlorobenzidine	U	0.46	5.0								
3-Nitroaniline	U	0.64	1.0								
4,6-Dinitro-2-methylphenol	U	0.27	1.0								
4-Bromophenyl phenyl ether	U	0.33	1.0								
4-Chloro-3-methylphenol	U	0.26	1.0								
4-Chloroaniline	U	0.34	1.0								
4-Chlorophenyl phenyl ether	U	0.31	1.0								
4-Nitroaniline	U	0.57	1.0								
4-Nitrophenol	U	0.24	5.0								
Acenaphthene	U	0.081	0.10								
Acenaphthylene	U	0.075	0.10								
Acetophenone	U	0.37	1.0								
Anthracene	U	0.028	0.10								
Atrazine	U	0.35	1.0								
Benzaldehyde	U	0.52	1.0								
Benzo(a)anthracene	U	0.099	0.10								
Benzo(a)pyrene	U	0.044	0.10								
Benzo(b)fluoranthene	U	0.051	0.10								
Benzo(g,h,i)perylene	U	0.089	0.10								
Benzo(k)fluoranthene	U	0.048	0.10								
Bis(2-chloroethoxy)methane	U	0.29	1.0								
Bis(2-chloroethyl)ether	U	0.37	1.0								
Bis(2-ethylhexyl)phthalate	U	0.4	1.0								
Butyl benzyl phthalate	U	0.3	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

Caprolactam	U	0.96	5.0					
Carbazole	U	0.24	1.0					
Chrysene	U	0.048	0.10					
Dibenzo(a,h)anthracene	U	0.073	0.10					
Dibenzofuran	U	0.23	1.0					
Diethyl phthalate	U	0.17	1.0					
Dimethyl phthalate	U	0.18	1.0					
Di-n-butyl phthalate	U	0.21	1.0					
Di-n-octyl phthalate	U	0.53	1.0					
Fluoranthene	U	0.038	0.10					
Fluorene	U	0.051	0.10					
Hexachlorobenzene	U	0.44	1.0					
Hexachlorobutadiene	U	0.63	1.0					
Hexachlorocyclopentadiene	U	1.1	5.0					
Hexachloroethane	U	0.62	1.0					
Indeno(1,2,3-cd)pyrene	U	0.067	0.10					
Isophorone	U	0.34	5.0					
Naphthalene	U	0.067	0.10					
Nitrobenzene	U	0.26	1.0					
N-Nitrosodi-n-propylamine	U	0.35	1.0					
N-Nitrosodiphenylamine	U	0.49	1.0					
Pentachlorophenol	U	0.97	5.0					
Phenanthrene	U	0.081	0.10					
Phenol	U	0.21	1.0					
Pyrene	U	0.036	0.10					
Surr: 2,4,6-Tribromophenol	*34.38*	0	0	*50*	0	*68.8*	*27-83*	0
Surr: 2-Fluorobiphenyl	*30.49*	0	0	*50*	0	*61*	*26-79*	0
Surr: 2-Fluorophenol	*23.15*	0	0	*50*	0	*46.3*	*13-56*	0
Surr: 4-Terphenyl-d14	*44.87*	0	0	*50*	0	*89.7*	*43-106*	0
Surr: Nitrobenzene-d5	*36.01*	0	0	*50*	0	*72*	*29-80*	0
Surr: Phenol-d6	*15.08*	0	0	*50*	0	*30.2*	*10-35*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

LCS	Sample ID: **SLCSW1-178295-178295**				Units: **µg/L**			Analysis Date: **6/18/2021 11:58 AM**			
Client ID:		Run ID: **SVMS9_210618A**			SeqNo: **7506277**			Prep Date: **6/10/2021**		DF: **1**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	11.1	0.42	1.0	20	0	55.5	40-85	0			
1,2,4,5-Tetrachlorobenzene	10.3	0.34	5.0	20	0	51.5	34-82	0			
2,2`-Oxybis(1-chloropropane)	16.43	0.23	1.0	20	0	82.2	33-83	0			
2,3,4,6-Tetrachlorophenol	15.8	0.45	1.0	20	0	79	43-104	0			
2,4,5-Trichlorophenol	15.82	0.17	1.0	20	0	79.1	47-84	0			
2,4,6-Trichlorophenol	14.33	0.25	1.0	20	0	71.6	45-83	0			
2,4-Dichlorophenol	15.34	0.35	1.0	20	0	76.7	39-84	0			
2,4-Dimethylphenol	12.52	0.36	1.0	20	0	62.6	34-79	0			
2,4-Dinitrophenol	16.25	2.6	5.0	20	0	81.2	11-117	0			
2,4-Dinitrotoluene	16.09	0.42	1.0	20	0	80.4	54-93	0			
2,6-Dinitrotoluene	16.12	0.33	1.0	20	0	80.6	51-90	0			
2-Chloronaphthalene	10.25	0.075	0.10	20	0	51.2	37-84	0			
2-Chlorophenol	16.2	0.23	1.0	20	0	81	38-83	0			
2-Methylnaphthalene	9.28	0.065	0.10	20	0	46.4	33-85	0			
2-Methylphenol	15.06	0.25	1.0	20	0	75.3	29-76	0			
2-Nitroaniline	17.9	0.21	1.0	20	0	89.5	45-94	0			
2-Nitrophenol	15.3	0.34	1.0	20	0	76.5	41-84	0			
3&4-Methylphenol	13.61	0.21	1.0	20	0	68	24-70	0			
3,3´-Dichlorobenzidine	15.63	0.46	5.0	20	0	78.2	39-96	0			
3-Nitroaniline	16.59	0.64	1.0	20	0	83	50-93	0			
4,6-Dinitro-2-methylphenol	16.33	0.27	1.0	20	0	81.6	23-116	0			
4-Bromophenyl phenyl ether	14.43	0.33	1.0	20	0	72.2	51-93	0			
4-Chloro-3-methylphenol	16.92	0.26	1.0	20	0	84.6	41-86	0			
4-Chloroaniline	16.15	0.34	1.0	20	0	80.8	44-92	0			
4-Chlorophenyl phenyl ether	13.35	0.31	1.0	20	0	66.8	49-89	0			
4-Nitroaniline	16.05	0.57	1.0	20	0	80.2	47-98	0			
4-Nitrophenol	3.84	0.24	5.0	20	0	19.2	10-43	0			J
Acenaphthene	12.96	0.081	0.10	20	0	64.8	42-85	0			
Acenaphthylene	11.56	0.075	0.10	20	0	57.8	42-88	0			
Acetophenone	17.27	0.37	1.0	20	0	86.4	39-91	0			
Anthracene	15.8	0.028	0.10	20	0	79	55-93	0			
Atrazine	16.46	0.35	1.0	20	0	82.3	52-100	0			
Benzaldehyde	16.79	0.52	1.0	20	0	84	42-110	0			
Benzo(a)anthracene	16.65	0.099	0.10	20	0	83.2	56-91	0			
Benzo(a)pyrene	16.59	0.044	0.10	20	0	83	55-96	0			
Benzo(b)fluoranthene	17.51	0.051	0.10	20	0	87.6	55-99	0			
Benzo(g,h,i)perylene	15.32	0.089	0.10	20	0	76.6	44-102	0			
Benzo(k)fluoranthene	16.73	0.048	0.10	20	0	83.6	57-96	0			
Bis(2-chloroethoxy)methane	15.84	0.29	1.0	20	0	79.2	39-88	0			
Bis(2-chloroethyl)ether	16.85	0.37	1.0	20	0	84.2	36-91	0			
Bis(2-ethylhexyl)phthalate	17.23	0.4	1.0	20	0	86.2	39-113	0			
Butyl benzyl phthalate	16.44	0.3	1.0	20	0	82.2	49-97	0			
Carbazole	16.59	0.24	1.0	20	0	83	59-92	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

Chrysene	16.27	0.048	0.10	20	0	81.4	55-92	0	
Dibenzo(a,h)anthracene	15.19	0.073	0.10	20	0	76	47-100	0	
Dibenzofuran	12.87	0.23	1.0	20	0	64.4	44-89	0	
Diethyl phthalate	16.29	0.17	1.0	20	0	81.4	54-95	0	
Dimethyl phthalate	15.54	0.18	1.0	20	0	77.7	51-92	0	
Di-n-butyl phthalate	16.69	0.21	1.0	20	0	83.4	57-98	0	
Di-n-octyl phthalate	18.97	0.53	1.0	20	0	94.8	36-117	0	
Fluoranthene	16.03	0.038	0.10	20	0	80.2	59-93	0	
Fluorene	14.41	0.051	0.10	20	0	72	47-91	0	
Hexachlorobenzene	13.82	0.44	1.0	20	0	69.1	53-89	0	
Hexachlorobutadiene	10.61	0.63	1.0	20	0	53	11-83	0	
Hexachlorocyclopentadiene	8.19	1.1	5.0	20	0	41	14-75	0	
Hexachloroethane	7.9	0.62	1.0	20	0	39.5	10-85	0	
Indeno(1,2,3-cd)pyrene	15.68	0.067	0.10	20	0	78.4	46-102	0	
Isophorone	16.23	0.34	5.0	20	0	81.2	42-90	0	
Naphthalene	8.63	0.067	0.10	20	0	43.2	26-78	0	
Nitrobenzene	15.92	0.26	1.0	20	0	79.6	38-86	0	
N-Nitrosodi-n-propylamine	18.83	0.35	1.0	20	0	94.2	39-95	0	
N-Nitrosodiphenylamine	15.8	0.49	1.0	20	0	79	47-94	0	
Pentachlorophenol	14.06	0.97	5.0	20	0	70.3	37-94	0	
Phenanthrene	15.53	0.081	0.10	20	0	77.6	51-90	0	
Phenol	7.63	0.21	1.0	20	0	38.2	10-40	0	
Pyrene	17.49	0.036	0.10	20	0	87.4	48-98	0	
Surr: 2,4,6-Tribromophenol	*40.02*	0	0	*50*	0	*80*	*27-83*	0	
Surr: 2-Fluorobiphenyl	*32.82*	0	0	*50*	0	*65.6*	*26-79*	0	
Surr: 2-Fluorophenol	*24.51*	0	0	*50*	0	*49*	*13-56*	0	
Surr: 4-Terphenyl-d14	*44.21*	0	0	*50*	0	*88.4*	*43-106*	0	
Surr: Nitrobenzene-d5	*40.25*	0	0	*50*	0	*80.5*	*29-80*	0	*S*
Surr: Phenol-d6	*16.85*	0	0	*50*	0	*33.7*	*10-35*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

LCSD Sample ID: **SLCSDW1-178295-178295** Units: **µg/L** Analysis Date: **6/18/2021 12:22 PM**
Client ID: Run ID: **SVMS9_210618A** SeqNo: **7506278** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	14.79	0.42	1.0	20	0	74	40-85	11.1	28.5	30	
1,2,4,5-Tetrachlorobenzene	12.75	0.34	5.0	20	0	63.8	34-82	10.3	21.3	30	
2,2`-Oxybis(1-chloropropane)	16.16	0.23	1.0	20	0	80.8	33-83	16.43	1.66	30	
2,3,4,6-Tetrachlorophenol	15.95	0.45	1.0	20	0	79.8	43-104	15.8	0.945	30	
2,4,5-Trichlorophenol	15.23	0.17	1.0	20	0	76.2	47-84	15.82	3.8	30	
2,4,6-Trichlorophenol	13.71	0.25	1.0	20	0	68.6	45-83	14.33	4.42	30	
2,4-Dichlorophenol	14.27	0.35	1.0	20	0	71.4	39-84	15.34	7.23	30	
2,4-Dimethylphenol	13.07	0.36	1.0	20	0	65.4	34-79	12.52	4.3	30	
2,4-Dinitrophenol	15.33	2.6	5.0	20	0	76.6	11-117	16.25	5.83	30	
2,4-Dinitrotoluene	15.74	0.42	1.0	20	0	78.7	54-93	16.09	2.2	30	
2,6-Dinitrotoluene	15.29	0.33	1.0	20	0	76.4	51-90	16.12	5.28	30	
2-Chloronaphthalene	13.59	0.075	0.10	20	0	68	37-84	10.25	28	30	
2-Chlorophenol	15.02	0.23	1.0	20	0	75.1	38-83	16.2	7.56	30	
2-Methylnaphthalene	14.21	0.065	0.10	20	0	71	33-85	9.28	42	30	R
2-Methylphenol	14.44	0.25	1.0	20	0	72.2	29-76	15.06	4.2	30	
2-Nitroaniline	17.52	0.21	1.0	20	0	87.6	45-94	17.9	2.15	30	
2-Nitrophenol	14.27	0.34	1.0	20	0	71.4	41-84	15.3	6.97	30	
3&4-Methylphenol	13.22	0.21	1.0	20	0	66.1	24-70	13.61	2.91	30	
3,3´-Dichlorobenzidine	15.26	0.46	5.0	20	0	76.3	39-96	15.63	2.4	30	
3-Nitroaniline	16.93	0.64	1.0	20	0	84.6	50-93	16.59	2.03	30	
4,6-Dinitro-2-methylphenol	16.26	0.27	1.0	20	0	81.3	23-116	16.33	0.43	30	
4-Bromophenyl phenyl ether	15.08	0.33	1.0	20	0	75.4	51-93	14.43	4.41	30	
4-Chloro-3-methylphenol	16.15	0.26	1.0	20	0	80.8	41-86	16.92	4.66	30	
4-Chloroaniline	15.77	0.34	1.0	20	0	78.8	44-92	16.15	2.38	30	
4-Chlorophenyl phenyl ether	14.45	0.31	1.0	20	0	72.2	49-89	13.35	7.91	30	
4-Nitroaniline	16.47	0.57	1.0	20	0	82.4	47-98	16.05	2.58	30	
4-Nitrophenol	4.65	0.24	5.0	20	0	23.2	10-43	3.84	0	30	J
Acenaphthene	14.85	0.081	0.10	20	0	74.2	42-85	12.96	13.6	30	
Acenaphthylene	13.84	0.075	0.10	20	0	69.2	42-88	11.56	18	30	
Acetophenone	15.97	0.37	1.0	20	0	79.8	39-91	17.27	7.82	30	
Anthracene	15.59	0.028	0.10	20	0	78	55-93	15.8	1.34	30	
Atrazine	16.07	0.35	1.0	20	0	80.4	52-100	16.46	2.4	30	
Benzaldehyde	15.63	0.52	1.0	20	0	78.2	42-110	16.79	7.16	30	
Benzo(a)anthracene	16	0.099	0.10	20	0	80	56-91	16.65	3.98	30	
Benzo(a)pyrene	16.2	0.044	0.10	20	0	81	55-96	16.59	2.38	30	
Benzo(b)fluoranthene	17.1	0.051	0.10	20	0	85.5	55-99	17.51	2.37	30	
Benzo(g,h,i)perylene	14.09	0.089	0.10	20	0	70.4	44-102	15.32	8.36	30	
Benzo(k)fluoranthene	15.9	0.048	0.10	20	0	79.5	57-96	16.73	5.09	30	
Bis(2-chloroethoxy)methane	14.81	0.29	1.0	20	0	74	39-88	15.84	6.72	30	
Bis(2-chloroethyl)ether	15.44	0.37	1.0	20	0	77.2	36-91	16.85	8.73	30	
Bis(2-ethylhexyl)phthalate	16.63	0.4	1.0	20	0	83.2	39-113	17.23	3.54	30	
Butyl benzyl phthalate	15.92	0.3	1.0	20	0	79.6	49-97	16.44	3.21	30	
Carbazole	16.1	0.24	1.0	20	0	80.5	59-92	16.59	3	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

Chrysene	15.88	0.048	0.10	20	0	79.4	55-92	16.27	2.43	30	
Dibenzo(a,h)anthracene	14.68	0.073	0.10	20	0	73.4	47-100	15.19	3.41	30	
Dibenzofuran	14.39	0.23	1.0	20	0	72	44-89	12.87	11.2	30	
Diethyl phthalate	16.18	0.17	1.0	20	0	80.9	54-95	16.29	0.678	30	
Dimethyl phthalate	14.95	0.18	1.0	20	0	74.8	51-92	15.54	3.87	30	
Di-n-butyl phthalate	15.97	0.21	1.0	20	0	79.8	57-98	16.69	4.41	30	
Di-n-octyl phthalate	18.12	0.53	1.0	20	0	90.6	36-117	18.97	4.58	30	
Fluoranthene	15.41	0.038	0.10	20	0	77	59-93	16.03	3.94	30	
Fluorene	15.43	0.051	0.10	20	0	77.2	47-91	14.41	6.84	30	
Hexachlorobenzene	14.36	0.44	1.0	20	0	71.8	53-89	13.82	3.83	30	
Hexachlorobutadiene	12.68	0.63	1.0	20	0	63.4	11-83	10.61	17.8	30	
Hexachlorocyclopentadiene	10.67	1.1	5.0	20	0	53.4	14-75	8.19	26.3	30	
Hexachloroethane	14.37	0.62	1.0	20	0	71.8	10-85	7.9	58.1	30	R
Indeno(1,2,3-cd)pyrene	14.78	0.067	0.10	20	0	73.9	46-102	15.68	5.91	30	
Isophorone	15.11	0.34	5.0	20	0	75.6	42-90	16.23	7.15	30	
Naphthalene	13.92	0.067	0.10	20	0	69.6	26-78	8.63	46.9	30	R
Nitrobenzene	15	0.26	1.0	20	0	75	38-86	15.92	5.95	30	
N-Nitrosodi-n-propylamine	17.46	0.35	1.0	20	0	87.3	39-95	18.83	7.55	30	
N-Nitrosodiphenylamine	15.58	0.49	1.0	20	0	77.9	47-94	15.8	1.4	30	
Pentachlorophenol	13.01	0.97	5.0	20	0	65	37-94	14.06	7.76	30	
Phenanthrene	15.32	0.081	0.10	20	0	76.6	51-90	15.53	1.36	30	
Phenol	7.91	0.21	1.0	20	0	39.6	10-40	7.63	3.6	30	
Pyrene	16.41	0.036	0.10	20	0	82	48-98	17.49	6.37	30	
Surr: 2,4,6-Tribromophenol	*37.84*	0	0	*50*	0	*75.7*	*27-83*	40.02	*5.6*	*40*	
Surr: 2-Fluorobiphenyl	*33.66*	0	0	*50*	0	*67.3*	*26-79*	32.82	*2.53*	*40*	
Surr: 2-Fluorophenol	*24.57*	0	0	*50*	0	*49.1*	*13-56*	24.51	*0.244*	*40*	
Surr: 4-Terphenyl-d14	*42.54*	0	0	*50*	0	*85.1*	*43-106*	44.21	*3.85*	*40*	
Surr: Nitrobenzene-d5	*39.04*	0	0	*50*	0	*78.1*	*29-80*	40.25	*3.05*	*40*	
Surr: Phenol-d6	*17.55*	0	0	*50*	0	*35.1*	*10-35*	16.85	*4.07*	*40*	*S*

The following samples were analyzed in this batch:

21060687-01B	21060687-02B	21060687-03B
21060687-04B	21060687-05B	21060687-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178296** Instrument ID **SVMS9** Method: **SW8270**

MBLK Sample ID: **DBLKW1-178296-178296** Units: **mg/L** Analysis Date: **6/17/2021 04:07 AM**
Client ID: Run ID: **SVMS9_210616A** SeqNo: **7506750** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	0.1239	0.013	1.0								J
ORO (C21-C35)	0.08105	0.027	1.0								J
Surr: 4-Terphenyl-d14	*0.0284*	0	0	*0.05*	0	*56.8*	*23-120*	0			

LCS Sample ID: **DLCSW1-178296-178296** Units: **mg/L** Analysis Date: **6/16/2021 08:28 PM**
Client ID: Run ID: **SVMS9_210616A** SeqNo: **7506735** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	3.113	0.013	1.0	5	0	62.3	44-116	0			
ORO (C21-C35)	3.828	0.027	1.0	5	0	76.6	44-116	0			
Surr: 4-Terphenyl-d14	*0.02747*	0	0	*0.05*	0	*54.9*	*23-120*	0			

LCSD Sample ID: **DLCSDW1-178296-178296** Units: **mg/L** Analysis Date: **6/16/2021 08:59 PM**
Client ID: Run ID: **SVMS9_210616A** SeqNo: **7506736** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	3.792	0.013	1.0	5	0	75.8	44-116	3.113	19.7	30	
ORO (C21-C35)	4.343	0.027	1.0	5	0	86.9	44-116	3.828	12.6	30	
Surr: 4-Terphenyl-d14	*0.0316*	0	0	*0.05*	0	*63.2*	*23-120*	0.02747	*14*		

The following samples were analyzed in this batch:

21060687-01B	21060687-02B	21060687-03B
21060687-04B	21060687-05B	21060687-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319862A** Instrument ID **VMS10** Method: **SW8260GRO**

MBLK Sample ID: **10V-BLKW2-210615-R319862A** Units: **µg/L** Analysis Date: **6/15/2021 08:11 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490663** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	25	100								
Surr: Toluene-d8	*17.78*	0	0	*20*	0	*88.9*	*70-120*	0			

LCS Sample ID: **10V-GLCSW1-210615-R319862A** Units: **µg/L** Analysis Date: **6/15/2021 06:47 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490661** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	547.4	25	100	500	0	109	70-130	0			
Surr: Toluene-d8	*20.15*	0	0	*20*	0	*101*	*70-130*	0			

The following samples were analyzed in this batch:

21060687-01A	21060687-02A	21060687-03A
21060687-04A	21060687-05A	21060687-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

MBLK Sample ID: **10V-BLKW2-210615-R319890A** Units: **µg/L** Analysis Date: **6/15/2021 08:11 PM**
Client ID: Run ID: **VMS10_210615C** SeqNo: **7491489** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.46	1.0								
1,1,2,2-Tetrachloroethane	U	0.4	1.0								
1,1,2-Trichloroethane	U	0.46	1.0								
1,1,2-Trichlorotrifluoroethane	U	0.52	1.0								
1,1-Dichloroethane	U	0.44	1.0								
1,1-Dichloroethene	U	0.4	1.0								
1,2,3-Trichlorobenzene	U	0.42	1.0								
1,2,4-Trichlorobenzene	U	0.45	1.0								
1,2-Dibromo-3-chloropropane	U	0.43	1.0								
1,2-Dibromoethane	U	0.41	1.0								
1,2-Dichlorobenzene	U	0.32	1.0								
1,2-Dichloroethane	U	0.44	1.0								
1,2-Dichloropropane	U	0.48	1.0								
1,3-Dichlorobenzene	U	0.33	1.0								
1,4-Dichlorobenzene	U	0.35	1.0								
2-Butanone	U	0.52	5.0								
2-Hexanone	U	0.59	5.0								
4-Methyl-2-pentanone	U	0.52	1.0								
Acetone	U	6.2	10								
Benzene	U	0.46	1.0								
Bromochloromethane	U	0.45	1.0								
Bromodichloromethane	U	0.49	1.0								
Bromoform	U	0.56	1.0								
Bromomethane	U	0.9	1.0								
Carbon disulfide	U	0.49	1.0								
Carbon tetrachloride	U	0.4	1.0								
Chlorobenzene	U	0.4	1.0								
Chloroform	U	0.46	1.0								
Chloromethane	U	0.83	1.0								
cis-1,2-Dichloroethene	U	0.42	1.0								
cis-1,3-Dichloropropene	U	0.57	1.0								
Cyclohexane	U	0.63	2.0								
Dibromochloromethane	U	0.4	1.0								
Dichlorodifluoromethane	U	0.68	1.0								
Ethylbenzene	U	0.34	1.0								
Isopropylbenzene	U	0.35	1.0								
m,p-Xylene	U	0.81	2.0								
Methyl acetate	U	0.59	2.0								
Methyl tert-butyl ether	U	0.45	1.0								
Methylcyclohexane	U	0.35	1.0								
Methylene chloride	U	0.86	5.0								
o-Xylene	U	0.31	1.0								
Styrene	U	0.33	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Tetrachloroethene	U	0.39	1.0					
Toluene	U	0.45	1.0					
trans-1,2-Dichloroethene	U	0.48	1.0					
trans-1,3-Dichloropropene	U	0.38	1.0					
Trichloroethene	U	0.43	1.0					
Trichlorofluoromethane	U	0.52	1.0					
Vinyl chloride	U	0.53	1.0					
Surr: 1,2-Dichloroethane-d4	*20.92*	0	0	*20*	0	*105*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.63*	0	0	*20*	0	*98.2*	*80-110*	0
Surr: Dibromofluoromethane	*20.08*	0	0	*20*	0	*100*	*85-115*	0
Surr: Toluene-d8	*20.17*	0	0	*20*	0	*101*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

LCS Sample ID: **10V-LCSW2-210615-R319890A** Units: **µg/L** Analysis Date: **6/15/2021 07:21 PM**
Client ID: Run ID: **VMS10_210615C** SeqNo: **7491487** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.15	0.46	1.0	20	0	101	75-130	0			
1,1,2,2-Tetrachloroethane	21.79	0.4	1.0	20	0	109	75-130	0			
1,1,2-Trichloroethane	19.33	0.46	1.0	20	0	96.6	75-125	0			
1,1-Dichloroethane	20.14	0.44	1.0	20	0	101	68-142	0			
1,1-Dichloroethene	19.78	0.4	1.0	20	0	98.9	70-145	0			
1,2,3-Trichlorobenzene	18.16	0.42	1.0	20	0	90.8	70-140	0			
1,2,4-Trichlorobenzene	17.7	0.45	1.0	20	0	88.5	70-135	0			
1,2-Dibromo-3-chloropropane	19.12	0.43	1.0	20	0	95.6	60-130	0			
1,2-Dibromoethane	22.05	0.41	1.0	20	0	110	67-155	0			
1,2-Dichlorobenzene	18.54	0.32	1.0	20	0	92.7	70-130	0			
1,2-Dichloroethane	19.97	0.44	1.0	20	0	99.8	78-125	0			
1,2-Dichloropropane	20.6	0.48	1.0	20	0	103	75-125	0			
1,3-Dichlorobenzene	18.78	0.33	1.0	20	0	93.9	75-130	0			
1,4-Dichlorobenzene	19.5	0.35	1.0	20	0	97.5	75-130	0			
2-Butanone	20.51	0.52	5.0	20	0	103	55-150	0			
2-Hexanone	19.86	0.59	5.0	20	0	99.3	60-135	0			
4-Methyl-2-pentanone	30.37	0.52	1.0	20	0	152	77-178	0			
Acetone	28.3	6.2	10	20	0	142	60-160	0			
Benzene	19.66	0.46	1.0	20	0	98.3	70-130	0			
Bromochloromethane	22.06	0.45	1.0	20	0	110	72-141	0			
Bromodichloromethane	20.07	0.49	1.0	20	0	100	75-125	0			
Bromoform	18.02	0.56	1.0	20	0	90.1	60-125	0			
Bromomethane	39.38	0.9	1.0	20	0	197	30-185	0			S
Carbon disulfide	20.56	0.49	1.0	20	0	103	60-165	0			
Carbon tetrachloride	18.94	0.4	1.0	20	0	94.7	65-140	0			
Chlorobenzene	18.83	0.4	1.0	20	0	94.2	80-120	0			
Chloroform	20.41	0.46	1.0	20	0	102	66-135	0			
Chloromethane	13.92	0.83	1.0	20	0	69.6	46-148	0			
cis-1,2-Dichloroethene	20.91	0.42	1.0	20	0	105	75-134	0			
cis-1,3-Dichloropropene	19.13	0.57	1.0	20	0	95.6	70-130	0			
Dibromochloromethane	18.75	0.4	1.0	20	0	93.8	60-115	0			
Dichlorodifluoromethane	17.12	0.68	1.0	20	0	85.6	10-180	0			
Ethylbenzene	18.21	0.34	1.0	20	0	91	76-123	0			
Isopropylbenzene	19.68	0.35	1.0	20	0	98.4	80-127	0			
m,p-Xylene	40.36	0.81	2.0	40	0	101	75-130	0			
Methyl tert-butyl ether	21.35	0.45	1.0	20	0	107	68-129	0			
Methylene chloride	20.31	0.86	5.0	20	0	102	72-125	0			
o-Xylene	20	0.31	1.0	20	0	100	76-127	0			
Styrene	19.95	0.33	1.0	20	0	99.8	79-117	0			
Tetrachloroethene	18.45	0.39	1.0	20	0	92.2	68-166	0			
Toluene	18.87	0.45	1.0	20	0	94.4	76-125	0			
trans-1,2-Dichloroethene	20.12	0.48	1.0	20	0	101	80-140	0			
trans-1,3-Dichloropropene	18.72	0.38	1.0	20	0	93.6	56-132	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Trichloroethene	18.09	0.43	1.0	20	0	90.4	77-125	0
Trichlorofluoromethane	17.85	0.52	1.0	20	0	89.2	60-140	0
Vinyl chloride	18.7	0.53	1.0	20	0	93.5	50-136	0
Surr: 1,2-Dichloroethane-d4	*20.65*	0	0	*20*	0	*103*	*75-120*	0
Surr: 4-Bromofluorobenzene	*20.11*	0	0	*20*	0	*101*	*80-110*	0
Surr: Dibromofluoromethane	*20.44*	0	0	*20*	0	*102*	*85-115*	0
Surr: Toluene-d8	*19.99*	0	0	*20*	0	*100*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

MS Sample ID: **21060688-02A MS** Units: **µg/L** Analysis Date: **6/16/2021 02:37 AM**
Client ID: Run ID: **VMS10_210615C** SeqNo: **7491507** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.43	0.46	1.0	20	0	97.2	75-130	0			
1,1,2,2-Tetrachloroethane	22.43	0.4	1.0	20	0	112	75-130	0			
1,1,2-Trichloroethane	20.04	0.46	1.0	20	0	100	75-125	0			
1,1-Dichloroethane	20.29	0.44	1.0	20	0	101	68-142	0			
1,1-Dichloroethene	19.38	0.4	1.0	20	0	96.9	70-145	0			
1,2,3-Trichlorobenzene	15.68	0.42	1.0	20	0	78.4	70-140	0			
1,2,4-Trichlorobenzene	15.8	0.45	1.0	20	0	79	70-135	0			
1,2-Dibromo-3-chloropropane	17.98	0.43	1.0	20	0	89.9	60-130	0			
1,2-Dibromoethane	22.51	0.41	1.0	20	0	113	67-155	0			
1,2-Dichlorobenzene	18.09	0.32	1.0	20	0	90.4	70-130	0			
1,2-Dichloroethane	20.37	0.44	1.0	20	0	102	78-125	0			
1,2-Dichloropropane	19.66	0.48	1.0	20	0	98.3	75-125	0			
1,3-Dichlorobenzene	18.38	0.33	1.0	20	0	91.9	75-130	0			
1,4-Dichlorobenzene	19.01	0.35	1.0	20	0	95	75-130	0			
2-Butanone	22.03	0.52	5.0	20	0.75	106	55-150	0			
2-Hexanone	19.97	0.59	5.0	20	0	99.8	60-135	0			
4-Methyl-2-pentanone	30.38	0.52	1.0	20	0	152	77-178	0			
Acetone	27.52	6.2	10	20	5.47	110	60-160	0			
Benzene	19.77	0.46	1.0	20	0	98.8	70-130	0			
Bromochloromethane	24.37	0.45	1.0	20	0	122	72-141	0			
Bromodichloromethane	20.41	0.49	1.0	20	0	102	75-125	0			
Bromoform	18.74	0.56	1.0	20	0.87	89.4	60-125	0			
Bromomethane	137	0.9	1.0	20	0	685	30-185	0			SE
Carbon disulfide	20.7	0.49	1.0	20	0	104	60-165	0			
Carbon tetrachloride	18.91	0.4	1.0	20	0	94.6	65-140	0			
Chlorobenzene	19.26	0.4	1.0	20	0	96.3	80-120	0			
Chloroform	20.64	0.46	1.0	20	0	103	66-135	0			
Chloromethane	11.74	0.83	1.0	20	0	58.7	46-148	0			
cis-1,2-Dichloroethene	20.29	0.42	1.0	20	0	101	75-134	0			
cis-1,3-Dichloropropene	18.41	0.57	1.0	20	0	92	70-130	0			
Dibromochloromethane	19.45	0.4	1.0	20	0	97.2	60-115	0			
Dichlorodifluoromethane	17	0.68	1.0	20	0	85	10-180	0			
Ethylbenzene	18.35	0.34	1.0	20	0	91.8	76-123	0			
Isopropylbenzene	19.17	0.35	1.0	20	0	95.8	80-127	0			
m,p-Xylene	39.21	0.81	2.0	40	0	98	75-130	0			
Methyl tert-butyl ether	24.09	0.45	1.0	20	2.84	106	68-129	0			
Methylene chloride	19.46	0.86	5.0	20	0	97.3	72-125	0			
o-Xylene	20.23	0.31	1.0	20	0	101	76-127	0			
Styrene	18.47	0.33	1.0	20	0	92.4	79-117	0			
Tetrachloroethene	18.04	0.39	1.0	20	0	90.2	68-166	0			
Toluene	19.21	0.45	1.0	20	0	96	76-125	0			
trans-1,2-Dichloroethene	20.25	0.48	1.0	20	0	101	80-140	0			
trans-1,3-Dichloropropene	19.22	0.38	1.0	20	0	96.1	56-132	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Trichloroethene	17.95	0.43	1.0	20	0	89.8	77-125	0
Trichlorofluoromethane	18.54	0.52	1.0	20	0	92.7	60-140	0
Vinyl chloride	19.46	0.53	1.0	20	0	97.3	50-136	0
Surr: 1,2-Dichloroethane-d4	*20.61*	0	0	*20*	0	*103*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.94*	0	0	*20*	0	*99.7*	*80-110*	0
Surr: Dibromofluoromethane	*19.92*	0	0	*20*	0	*99.6*	*85-115*	0
Surr: Toluene-d8	*20.41*	0	0	*20*	0	*102*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

DUP Sample ID: **21060688-01A DUP** Units: **µg/L** Analysis Date: **6/16/2021 02:21 AM**
Client ID: Run ID: **VMS10_210615C** SeqNo: **7491506** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.46	1.0	0	0	0		0	0	30	
1,1,2,2-Tetrachloroethane	U	0.4	1.0	0	0	0		0	0	30	
1,1,2-Trichloroethane	U	0.46	1.0	0	0	0		0	0	30	
1,1,2-Trichlorotrifluoroethane	U	0.52	1.0	0	0	0		0	0	30	
1,1-Dichloroethane	U	0.44	1.0	0	0	0		0	0	30	
1,1-Dichloroethene	U	0.4	1.0	0	0	0		0	0	30	
1,2,3-Trichlorobenzene	U	0.42	1.0	0	0	0		0	0	30	
1,2,4-Trichlorobenzene	U	0.45	1.0	0	0	0		0	0	30	
1,2-Dibromo-3-chloropropane	U	0.43	1.0	0	0	0		0	0	30	
1,2-Dibromoethane	U	0.41	1.0	0	0	0		0	0	30	
1,2-Dichlorobenzene	U	0.32	1.0	0	0	0		0	0	30	
1,2-Dichloroethane	U	0.44	1.0	0	0	0		0	0	30	
1,2-Dichloropropane	U	0.48	1.0	0	0	0		0	0	30	
1,3-Dichlorobenzene	U	0.33	1.0	0	0	0		0	0	30	
1,4-Dichlorobenzene	U	0.35	1.0	0	0	0		0	0	30	
2-Butanone	0.54	0.52	5.0	0	0	0		0.61	0	30	J
2-Hexanone	U	0.59	5.0	0	0	0		0	0	30	
4-Methyl-2-pentanone	U	0.52	1.0	0	0	0		0	0	30	
Acetone	U	6.2	10	0	0	0		8.61	0	30	
Benzene	U	0.46	1.0	0	0	0		0	0	30	
Bromochloromethane	U	0.45	1.0	0	0	0		0	0	30	
Bromodichloromethane	U	0.49	1.0	0	0	0		0	0	30	
Bromoform	0.78	0.56	1.0	0	0	0		1.56	0	30	J
Bromomethane	U	0.9	1.0	0	0	0		0	0	30	
Carbon disulfide	U	0.49	1.0	0	0	0		0	0	30	
Carbon tetrachloride	U	0.4	1.0	0	0	0		0	0	30	
Chlorobenzene	U	0.4	1.0	0	0	0		0	0	30	
Chloroform	U	0.46	1.0	0	0	0		0	0	30	
Chloromethane	U	0.83	1.0	0	0	0		0	0	30	
cis-1,2-Dichloroethene	U	0.42	1.0	0	0	0		0	0	30	
cis-1,3-Dichloropropene	U	0.57	1.0	0	0	0		0	0	30	
Cyclohexane	U	0.63	2.0	0	0	0		0	0	30	
Dibromochloromethane	U	0.4	1.0	0	0	0		0	0	30	
Dichlorodifluoromethane	U	0.68	1.0	0	0	0		0	0	30	
Ethylbenzene	U	0.34	1.0	0	0	0		0	0	30	
Isopropylbenzene	U	0.35	1.0	0	0	0		0	0	30	
m,p-Xylene	U	0.81	2.0	0	0	0		0	0	30	
Methyl acetate	U	0.59	2.0	0	0	0		0	0	30	
Methyl tert-butyl ether	0.86	0.45	1.0	0	0	0		0.86	0	30	J
Methylcyclohexane	U	0.35	1.0	0	0	0		0	0	30	
Methylene chloride	U	0.86	5.0	0	0	0		0	0	30	
o-Xylene	U	0.31	1.0	0	0	0		0	0	30	
Styrene	U	0.33	1.0	0	0	0		0	0	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Tetrachloroethene	U	0.39	1.0	0	0	0		0	0	30
Toluene	U	0.45	1.0	0	0	0		0	0	30
trans-1,2-Dichloroethene	U	0.48	1.0	0	0	0		0	0	30
trans-1,3-Dichloropropene	U	0.38	1.0	0	0	0		0	0	30
Trichloroethene	U	0.43	1.0	0	0	0		0	0	30
Trichlorofluoromethane	U	0.52	1.0	0	0	0		0	0	30
Vinyl chloride	U	0.53	1.0	0	0	0		0	0	30
Surr: 1,2-Dichloroethane-d4	*20.66*	0	0	*20*	0	*103*	*75-120*	20.64	*0.0969*	*30*
Surr: 4-Bromofluorobenzene	*19.39*	0	0	*20*	0	*97*	*80-110*	19.81	*2.14*	*30*
Surr: Dibromofluoromethane	*20.17*	0	0	*20*	0	*101*	*85-115*	19.83	*1.7*	*30*
Surr: Toluene-d8	*20.13*	0	0	*20*	0	*101*	*85-110*	20.17	*0.199*	*30*

The following samples were analyzed in this batch:

21060687-01A	21060687-02A	21060687-03A
21060687-04A	21060687-05A	21060687-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

MBLK Sample ID: **12V-BLKW2-210616-R319917b** Units: **µg/L** Analysis Date: **6/16/2021 02:43 PM**

Client ID: Run ID: **VMS12_210616A** SeqNo: **7495693** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.46	1.0								
1,1,2,2-Tetrachloroethane	U	0.4	1.0								
1,1,2-Trichloroethane	U	0.46	1.0								
1,1,2-Trichlorotrifluoroethane	U	0.52	1.0								
1,1-Dichloroethane	U	0.44	1.0								
1,1-Dichloroethene	U	0.4	1.0								
1,2,3-Trichlorobenzene	U	0.42	1.0								
1,2,4-Trichlorobenzene	U	0.45	1.0								
1,2-Dibromo-3-chloropropane	U	0.43	1.0								
1,2-Dibromoethane	U	0.41	1.0								
1,2-Dichlorobenzene	U	0.32	1.0								
1,2-Dichloroethane	U	0.44	1.0								
1,2-Dichloropropane	U	0.48	1.0								
1,3-Dichlorobenzene	U	0.33	1.0								
1,4-Dichlorobenzene	U	0.35	1.0								
2-Butanone	U	0.52	5.0								
2-Hexanone	U	0.59	5.0								
4-Methyl-2-pentanone	U	0.52	1.0								
Acetone	U	6.2	10								
Benzene	U	0.46	1.0								
Bromochloromethane	U	0.45	1.0								
Bromodichloromethane	U	0.49	1.0								
Bromoform	U	0.56	1.0								
Bromomethane	U	0.9	1.0								
Carbon disulfide	U	0.49	1.0								
Carbon tetrachloride	U	0.4	1.0								
Chlorobenzene	U	0.4	1.0								
Chloroethane	U	0.68	1.0								
Chloroform	U	0.46	1.0								
Chloromethane	U	0.83	1.0								
cis-1,2-Dichloroethene	U	0.42	1.0								
cis-1,3-Dichloropropene	U	0.57	1.0								
Cyclohexane	U	0.63	2.0								
Dibromochloromethane	U	0.4	1.0								
Dichlorodifluoromethane	U	0.68	1.0								
Ethylbenzene	U	0.34	1.0								
Isopropylbenzene	U	0.35	1.0								
m,p-Xylene	U	0.81	2.0								
Methyl acetate	U	0.59	2.0								
Methyl tert-butyl ether	U	0.45	1.0								
Methylcyclohexane	U	0.35	1.0								
Methylene chloride	U	0.86	5.0								
o-Xylene	U	0.31	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

Styrene	U	0.33	1.0					
Tetrachloroethene	U	0.39	1.0					
Toluene	U	0.45	1.0					
trans-1,2-Dichloroethene	U	0.48	1.0					
trans-1,3-Dichloropropene	U	0.38	1.0					
Trichloroethene	U	0.43	1.0					
Trichlorofluoromethane	U	0.52	1.0					
Vinyl chloride	U	0.53	1.0					
Surr: 1,2-Dichloroethane-d4	*20.21*	0	0	*20*	0	*101*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.14*	0	0	*20*	0	*95.7*	*80-110*	0
Surr: Dibromofluoromethane	*19.93*	0	0	*20*	0	*99.6*	*85-115*	0
Surr: Toluene-d8	*19.61*	0	0	*20*	0	*98*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

LCS Sample ID: **12V-LCSW1-210616-R319917b** Units: **µg/L** Analysis Date: **6/16/2021 01:55 PM**
Client ID: Run ID: **VMS12_210616A** SeqNo: **7495692** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.96	0.46	1.0	20	0	89.8	75-130	0			
1,1,2,2-Tetrachloroethane	19.16	0.4	1.0	20	0	95.8	75-130	0			
1,1,2-Trichloroethane	19.22	0.46	1.0	20	0	96.1	75-125	0			
1,1-Dichloroethane	17.9	0.44	1.0	20	0	89.5	68-142	0			
1,1-Dichloroethene	18.32	0.4	1.0	20	0	91.6	70-145	0			
1,2,3-Trichlorobenzene	19	0.42	1.0	20	0	95	70-140	0			
1,2,4-Trichlorobenzene	18.63	0.45	1.0	20	0	93.2	70-135	0			
1,2-Dibromo-3-chloropropane	17.95	0.43	1.0	20	0	89.8	60-130	0			
1,2-Dibromoethane	20.26	0.41	1.0	20	0	101	67-155	0			
1,2-Dichlorobenzene	18.02	0.32	1.0	20	0	90.1	70-130	0			
1,2-Dichloroethane	18.26	0.44	1.0	20	0	91.3	78-125	0			
1,2-Dichloropropane	17.98	0.48	1.0	20	0	89.9	75-125	0			
1,3-Dichlorobenzene	18.41	0.33	1.0	20	0	92	75-130	0			
1,4-Dichlorobenzene	17.98	0.35	1.0	20	0	89.9	75-130	0			
2-Butanone	19.94	0.52	5.0	20	0	99.7	55-150	0			
2-Hexanone	18.4	0.59	5.0	20	0	92	60-135	0			
4-Methyl-2-pentanone	24.42	0.52	1.0	20	0	122	77-178	0			
Acetone	17.68	6.2	10	20	0	88.4	60-160	0			
Benzene	17.97	0.46	1.0	20	0	89.8	70-130	0			
Bromochloromethane	18.71	0.45	1.0	20	0	93.6	72-141	0			
Bromodichloromethane	19.53	0.49	1.0	20	0	97.6	75-125	0			
Bromoform	17.75	0.56	1.0	20	0	88.8	60-125	0			
Bromomethane	17.48	0.9	1.0	20	0	87.4	30-185	0			
Carbon disulfide	18.54	0.49	1.0	20	0	92.7	60-165	0			
Carbon tetrachloride	17.49	0.4	1.0	20	0	87.4	65-140	0			
Chlorobenzene	17.91	0.4	1.0	20	0	89.6	80-120	0			
Chloroethane	16.04	0.68	1.0	20	0	80.2	31-172	0			
Chloroform	17.49	0.46	1.0	20	0	87.4	66-135	0			
Chloromethane	16.12	0.83	1.0	20	0	80.6	46-148	0			
cis-1,2-Dichloroethene	18.55	0.42	1.0	20	0	92.8	75-134	0			
cis-1,3-Dichloropropene	18.79	0.57	1.0	20	0	94	70-130	0			
Dibromochloromethane	17.15	0.4	1.0	20	0	85.8	60-115	0			
Dichlorodifluoromethane	16.58	0.68	1.0	20	0	82.9	10-180	0			
Ethylbenzene	16.69	0.34	1.0	20	0	83.4	76-123	0			
Isopropylbenzene	17.25	0.35	1.0	20	0	86.2	80-127	0			
m,p-Xylene	34.37	0.81	2.0	40	0	85.9	75-130	0			
Methyl tert-butyl ether	19.66	0.45	1.0	20	0	98.3	68-129	0			
Methylene chloride	18.03	0.86	5.0	20	0	90.2	72-125	0			
o-Xylene	17.39	0.31	1.0	20	0	87	76-127	0			
Styrene	18.09	0.33	1.0	20	0	90.4	79-117	0			
Tetrachloroethene	17.48	0.39	1.0	20	0	87.4	68-166	0			
Toluene	17.84	0.45	1.0	20	0	89.2	76-125	0			
trans-1,2-Dichloroethene	17.46	0.48	1.0	20	0	87.3	80-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

trans-1,3-Dichloropropene	17.86	0.38	1.0	20	0	89.3	56-132	0
Trichloroethene	16.98	0.43	1.0	20	0	84.9	77-125	0
Trichlorofluoromethane	16.37	0.52	1.0	20	0	81.8	60-140	0
Vinyl chloride	16.26	0.53	1.0	20	0	81.3	50-136	0
Surr: 1,2-Dichloroethane-d4	*19.29*	0	0	*20*	0	*96.4*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.6*	0	0	*20*	0	*98*	*80-110*	0
Surr: Dibromofluoromethane	*19.68*	0	0	*20*	0	*98.4*	*85-115*	0
Surr: Toluene-d8	*19.43*	0	0	*20*	0	*97.2*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

MS Sample ID: **21060704-13A MS** Units: **µg/L** Analysis Date: **6/16/2021 11:15 PM**
Client ID: Run ID: **VMS12_210616A** SeqNo: **7495714** Prep Date: DF: **25**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	461	12	25	500	0	92.2	75-130	0			
1,1,2,2-Tetrachloroethane	444.8	10	25	500	0	89	75-130	0			
1,1,2-Trichloroethane	425.8	12	25	500	0	85.2	75-125	0			
1,1-Dichloroethane	451.8	11	25	500	0	90.4	68-142	0			
1,1-Dichloroethene	456.8	10	25	500	0	91.4	70-145	0			
1,2,3-Trichlorobenzene	421	10	25	500	0	84.2	70-140	0			
1,2,4-Trichlorobenzene	440.8	11	25	500	0	88.2	70-135	0			
1,2-Dibromo-3-chloropropane	374.8	11	25	500	0	75	60-130	0			
1,2-Dibromoethane	446.2	10	25	500	0	89.2	67-155	0			
1,2-Dichlorobenzene	459.2	8	25	500	0	91.8	70-130	0			
1,2-Dichloroethane	432	11	25	500	0	86.4	78-125	0			
1,2-Dichloropropane	432.8	12	25	500	0	86.6	75-125	0			
1,3-Dichlorobenzene	470.8	8.2	25	500	0	94.2	75-130	0			
1,4-Dichlorobenzene	460	8.8	25	500	0	92	75-130	0			
2-Butanone	600.5	13	120	500	0	120	55-150	0			
2-Hexanone	450.8	15	120	500	0	90.2	60-135	0			
4-Methyl-2-pentanone	546.5	13	25	500	21	105	77-178	0			
Acetone	626.5	160	250	500	237.5	77.8	60-160	0			
Benzene	464.5	12	25	500	0	92.9	70-130	0			
Bromochloromethane	423	11	25	500	0	84.6	72-141	0			
Bromodichloromethane	437.5	12	25	500	0	87.5	75-125	0			
Bromoform	340	14	25	500	0	68	60-125	0			
Bromomethane	217.8	22	25	500	0	43.6	30-185	0			
Carbon disulfide	448	12	25	500	0	89.6	60-165	0			
Carbon tetrachloride	438.5	10	25	500	0	87.7	65-140	0			
Chlorobenzene	438.5	10	25	500	0	87.7	80-120	0			
Chloroethane	422.8	17	25	500	0	84.6	31-172	0			
Chloroform	418.8	12	25	500	0	83.8	66-135	0			
Chloromethane	396.5	21	25	500	0	79.3	46-148	0			
cis-1,2-Dichloroethene	443.2	10	25	500	0	88.6	75-134	0			
cis-1,3-Dichloropropene	434.8	14	25	500	0	87	70-130	0			
Dibromochloromethane	354.2	10	25	500	0	70.8	60-115	0			
Dichlorodifluoromethane	415.5	17	25	500	0	83.1	10-180	0			
Ethylbenzene	457.5	8.5	25	500	0	91.5	76-123	0			
Isopropylbenzene	487.5	8.8	25	500	33.25	90.8	80-127	0			
m,p-Xylene	913.5	20	50	1000	0	91.4	75-130	0			
Methyl tert-butyl ether	434	11	25	500	0	86.8	68-129	0			
Methylene chloride	433.5	22	120	500	0	86.7	72-125	0			
o-Xylene	454	7.8	25	500	0	90.8	76-127	0			
Styrene	451.8	8.2	25	500	0	90.4	79-117	0			
Tetrachloroethene	479.5	9.8	25	500	0	95.9	68-166	0			
Toluene	457.5	11	25	500	0	91.5	76-125	0			
trans-1,2-Dichloroethene	457.5	12	25	500	0	91.5	80-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

trans-1,3-Dichloropropene	377.2	9.5	25	500	0	75.4	56-132	0
Trichloroethene	448.8	11	25	500	0	89.8	77-125	0
Trichlorofluoromethane	419.5	13	25	500	0	83.9	60-140	0
Vinyl chloride	432.2	13	25	500	0	86.4	50-136	0
Surr: 1,2-Dichloroethane-d4	*494.5*	0	0	*500*	0	*98.9*	*75-120*	0
Surr: 4-Bromofluorobenzene	*507*	0	0	*500*	0	*101*	*80-110*	0
Surr: Dibromofluoromethane	*476*	0	0	*500*	0	*95.2*	*85-115*	0
Surr: Toluene-d8	*503*	0	0	*500*	0	*101*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

MSD Sample ID: **21060704-13A MSD** Units: **µg/L** Analysis Date: **6/16/2021 11:39 PM**
Client ID: Run ID: **VMS12_210616A** SeqNo: **7495715** Prep Date: DF: **25**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	493.8	12	25	500	0	98.8	75-130	461	6.86	30	
1,1,2,2-Tetrachloroethane	482.2	10	25	500	0	96.4	75-130	444.8	8.09	30	
1,1,2-Trichloroethane	476.2	12	25	500	0	95.2	75-125	425.8	11.2	30	
1,1-Dichloroethane	477.5	11	25	500	0	95.5	68-142	451.8	5.54	30	
1,1-Dichloroethene	495.5	10	25	500	0	99.1	70-145	456.8	8.14	30	
1,2,3-Trichlorobenzene	468.8	10	25	500	0	93.8	70-140	421	10.7	30	
1,2,4-Trichlorobenzene	473	11	25	500	0	94.6	70-135	440.8	7.06	30	
1,2-Dibromo-3-chloropropane	392.5	11	25	500	0	78.5	60-130	374.8	4.63	30	
1,2-Dibromoethane	491.2	10	25	500	0	98.2	67-155	446.2	9.6	30	
1,2-Dichlorobenzene	489.8	8	25	500	0	98	70-130	459.2	6.43	30	
1,2-Dichloroethane	467	11	25	500	0	93.4	78-125	432	7.79	30	
1,2-Dichloropropane	473	12	25	500	0	94.6	75-125	432.8	8.89	30	
1,3-Dichlorobenzene	508.8	8.2	25	500	0	102	75-130	470.8	7.76	30	
1,4-Dichlorobenzene	492.5	8.8	25	500	0	98.5	75-130	460	6.82	30	
2-Butanone	508	13	120	500	0	102	55-150	600.5	16.7	30	
2-Hexanone	485.8	15	120	500	0	97.2	60-135	450.8	7.47	30	
4-Methyl-2-pentanone	604.2	13	25	500	21	117	77-178	546.5	10	30	
Acetone	682.2	160	250	500	237.5	89	60-160	626.5	8.52	30	
Benzene	506.8	12	25	500	0	101	70-130	464.5	8.7	30	
Bromochloromethane	457.2	11	25	500	0	91.4	72-141	423	7.78	30	
Bromodichloromethane	474	12	25	500	0	94.8	75-125	437.5	8.01	30	
Bromoform	361	14	25	500	0	72.2	60-125	340	5.99	30	
Bromomethane	370.8	22	25	500	0	74.2	30-185	217.8	52	30	R
Carbon disulfide	493.8	12	25	500	0	98.8	60-165	448	9.72	30	
Carbon tetrachloride	481.2	10	25	500	0	96.2	65-140	438.5	9.3	30	
Chlorobenzene	484.5	10	25	500	0	96.9	80-120	438.5	9.97	30	
Chloroethane	456.2	17	25	500	0	91.2	31-172	422.8	7.62	30	
Chloroform	462	12	25	500	0	92.4	66-135	418.8	9.82	30	
Chloromethane	430.2	21	25	500	0	86	46-148	396.5	8.16	30	
cis-1,2-Dichloroethene	475	10	25	500	0	95	75-134	443.2	6.92	30	
cis-1,3-Dichloropropene	455.2	14	25	500	0	91	70-130	434.8	4.61	30	
Dibromochloromethane	389.8	10	25	500	0	78	60-115	354.2	9.54	30	
Dichlorodifluoromethane	446.8	17	25	500	0	89.4	10-180	415.5	7.25	30	
Ethylbenzene	494	8.5	25	500	0	98.8	76-123	457.5	7.67	30	
Isopropylbenzene	533.5	8.8	25	500	33.25	100	80-127	487.5	9.01	30	
m,p-Xylene	993	20	50	1000	0	99.3	75-130	913.5	8.34	30	
Methyl tert-butyl ether	469	11	25	500	0	93.8	68-129	434	7.75	30	
Methylene chloride	472.5	22	120	500	0	94.5	72-125	433.5	8.61	30	
o-Xylene	496.2	7.8	25	500	0	99.2	76-127	454	8.89	30	
Styrene	496.2	8.2	25	500	0	99.2	79-117	451.8	9.39	30	
Tetrachloroethene	512.2	9.8	25	500	0	102	68-166	479.5	6.6	30	
Toluene	499	11	25	500	0	99.8	76-125	457.5	8.68	30	
trans-1,2-Dichloroethene	487.5	12	25	500	0	97.5	80-140	457.5	6.35	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

trans-1,3-Dichloropropene	410	9.5	25	500	0	82	56-132	377.2	8.32	30
Trichloroethene	482.8	11	25	500	0	96.6	77-125	448.8	7.3	30
Trichlorofluoromethane	448.5	13	25	500	0	89.7	60-140	419.5	6.68	30
Vinyl chloride	461.8	13	25	500	0	92.4	50-136	432.2	6.6	30
Surr: 1,2-Dichloroethane-d4	*486*	0	0	*500*	0	*97.2*	*75-120*	494.5	*1.73*	*30*
Surr: 4-Bromofluorobenzene	*506.8*	0	0	*500*	0	*101*	*80-110*	507	*0.0493*	*30*
Surr: Dibromofluoromethane	*469.8*	0	0	*500*	0	*94*	*85-115*	476	*1.32*	*30*
Surr: Toluene-d8	*510.5*	0	0	*500*	0	*102*	*85-110*	503	*1.48*	*30*

The following samples were analyzed in this batch: 21060687-07A 21060687-08A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060687
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319972A** Instrument ID **VMS10** Method: **SW8260C**

MBLK Sample ID: **10V-BLKW2-210616-R319972A** Units: **µg/L** Analysis Date: **6/16/2021 02:25 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495301** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	U	0.68	1.0								
Surr: 1,2-Dichloroethane-d4	*20.78*	0	0	*20*	0	*104*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.51*	0	0	*20*	0	*97.6*	*80-110*	0			
Surr: Dibromofluoromethane	*20.15*	0	0	*20*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*20.17*	0	0	*20*	0	*101*	*85-110*	0			

LCS Sample ID: **10V-LCSW2-210616-R319972A** Units: **µg/L** Analysis Date: **6/16/2021 01:35 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495299** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	15.21	0.68	1.0	20	0	76	31-172	0			
Surr: 1,2-Dichloroethane-d4	*20.76*	0	0	*20*	0	*104*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.66*	0	0	*20*	0	*103*	*80-110*	0			
Surr: Dibromofluoromethane	*20.3*	0	0	*20*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*20.54*	0	0	*20*	0	*103*	*85-110*	0			

MS Sample ID: **21060887-02B MS** Units: **µg/L** Analysis Date: **6/16/2021 08:40 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495322** Prep Date: DF: **10**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	269.7	6.8	10	200	0	135	31-172	0			
Surr: 1,2-Dichloroethane-d4	*201.9*	0	0	*200*	0	*101*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*203*	0	0	*200*	0	*102*	*80-110*	0			
Surr: Dibromofluoromethane	*198.7*	0	0	*200*	0	*99.4*	*85-115*	0			
Surr: Toluene-d8	*205.3*	0	0	*200*	0	*103*	*85-110*	0			

MSD Sample ID: **21060887-02B MSD** Units: **µg/L** Analysis Date: **6/16/2021 08:57 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495323** Prep Date: DF: **10**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	260.3	6.8	10	200	0	130	31-172	269.7	3.55	30	
Surr: 1,2-Dichloroethane-d4	*203*	0	0	*200*	0	*102*	*75-120*	201.9	*0.543*	*30*	
Surr: 4-Bromofluorobenzene	*196.2*	0	0	*200*	0	*98.1*	*80-110*	203	*3.41*	*30*	
Surr: Dibromofluoromethane	*199.8*	0	0	*200*	0	*99.9*	*85-115*	198.7	*0.552*	*30*	
Surr: Toluene-d8	*202.1*	0	0	*200*	0	*101*	*85-110*	205.3	*1.57*	*30*	

The following samples were analyzed in this batch:

21060687-01A	21060687-02A	21060687-03A
21060687-04A	21060687-05A	21060687-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Spring City, PA +1 610 948 4903
South Charleston, WV +1 304 356 3168
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 1

COC ID: 230538

ALS Project Manager: EB

ALS Work Order #: 21060687

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Advanced Auto Parts/Former Fashion R Bendigo	A	VOC
Work Order		Project Number	103G65210190.06.03	B	SVOC
Company Name	Tetra Tech	Bill To Company	Tetra Tech	C	TPH-GRO
Send Report To	Kaitlyn Mitchell	Invoice Attn	Accounts Payable	D	TPH-DRO
Address	415 Oak Street	Address	415 Oak Street	E	TPH-ORO
				F	RCRA Metals Total
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G	RCRA Metals Dissolved
Phone	(816) 412-1755	Phone	(816) 412-1755	H	Mercury
Fax	(816) 410-1748	Fax	(816) 410-1748	I	
e-Mail Address	kaitlyn.mitchell@tetratech.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	9846 - B1	6/4/21	1010	GW	7	8	X	X	X	X	X						
2	- B2		1040			6	X	X	X	X	X						
3	- B3		1050			5	X	X	X	X	X						
4	- B4		1110			5	X	X	X	X	X						
5	- FB		1100			10	X	X	X	X	X	X	X	X			
6	- RN		1120			10	X	X	X	X	X	X	X	X			
7	Trip Blank-1	N/A	N/A			2	X										
8	-2					2	X										
9																	
10																	

Sampler(s) Please Print & Sign: Zach Usher

Shipment Method: FedEx

Required Turnaround Time: (Check Box) [X] Std 10 WK Days [ ] 5 WK Days [ ] Other [ ] 2 WK Days [ ] 24 Hour

Results Due Date:

Relinquished by:	Date: 6/4/21	Time: 1215	Received by: FedEx	
Relinquished by: FedEx	Date: 6/7/21	Time: 1000	Received by (Laboratory):	
Logged by (Laboratory): KRW	Date: 6/7/21	Time: 1605	Checked by (Laboratory): EB	

Notes: 1 Trip Blank set per cooler

Cooler ID	Cooler Temp.
IR3	22.5°c
PH27	22.1°c
	22.6°c

QC Package: (Check One Box Below)
[ ] Level II Std QC [ ] TRRP CheckList
[ ] Level III Std QC/Raw Data [ ] TRRP Level IV
[ ] Level IV SW846/CLP
[ ] Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Group, USA

Sample Receipt Checklist

Client Name: **TETRATECH - MO** Date/Time Received: **07-Jun-21 10:00**

Work Order: **21060687** Received by: **KRW**

Checklist completed by Keith Wierenga (eSignature) 07-Jun-21 (Date) Reviewed by: Ehrland Bosworth (eSignature) 07-Jun-21 (Date)

Matrices: Water
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Sample(s) received on ice?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	22.5, 22.1, 22.6 C	IR3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	6/7/2021 4:10:35 PM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:	-		

Login Notes: Melted ice in each cooler.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

22-Jun-2021

Kaitlyn Mitchell
Tetra Tech
415 Oak Street
Kansas City, MO 64106

Re: **Advance Auto Parts (103G65210190.06.03)** Work Order: **21060688**

Dear Kaitlyn,

ALS Environmental received 10 samples on 07-Jun-2021 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 84.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Ehrland Bosworth

Electronically approved by: Ehrland Bosworth

Ehrland Bosworth
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS Group, USA

Date: 22-Jun-21

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Work Order: **21060688**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21060688-01	9844-B1	Water		6/3/2021 14:10	6/7/2021 10:00	☐
21060688-02	9844-B3	Water		6/3/2021 14:45	6/7/2021 10:00	☐
21060688-03	9844-B4	Water		6/3/2021 15:00	6/7/2021 10:00	☐
21060688-04	9844-B5	Water		6/3/2021 15:20	6/7/2021 10:00	☐
21060688-05	9844-B6	Water		6/3/2021 15:45	6/7/2021 10:00	☐
21060688-06	9844-FB	Water		6/3/2021 14:20	6/7/2021 10:00	☐
21060688-07	9844-RN	Water		6/3/2021 13:35	6/7/2021 10:00	☐
21060688-08	Trip Blank - 1	Water		6/3/2021	6/7/2021 10:00	☐
21060688-09	Trip Blank - 2	Water		6/3/2021	6/7/2021 10:00	☐
21060688-10	Trip Blank - 3	Water		6/3/2021	6/7/2021 10:00	☐

ALS Group, USA

Date: 22-Jun-21

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
WorkOrder: **21060688**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Work Order: 21060688

Case Narrative

Samples for the above noted Work Order were received on 06/07/2021. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:
Batch R319890A, Method SW8260C, Sample 10V-LCSW2-210615: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: Bromomethane

Batch R319890A, Method SW8260C, Sample 21060688-02A MS: The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: Bromomethane

No other deviations or anomalies were noted.

Extractable Organics:
Batch 178293a, Method SW846 8270D, Sample 9844-B6 (21060688-05B): One or more acid surrogate recoveries were above the upper control limits. The acidic sample results may be biased high.

Batch 178295, Method SW846 8270D, Sample SLCSDW1-178295: The RPD between the LCS and LCSD was outside of the control limit. The sample results should be considered estimated for this analyte: Multiple Compounds

No other deviations or anomalies were noted.

Metals:
Batch 178667, Method SW6010D, Sample 21060688-01DMS: The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: As, Cr, Pb

Batch 178667, Method SW6010D, Sample 21060688-01DMS: The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Ba

Batch 178667, Method SW6010D, Sample 21060688-01DMSD: The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: As, Cr, Pb

Batch 178667, Method SW6010D, Sample 21060688-01DMSD: The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Ba

No other deviations or anomalies were noted.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1
Collection Date: 6/3/2021 02:10 PM

Work Order: 21060688
Lab ID: 21060688-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:24
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:31
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	**0.034**		**0.0016**	**0.0050**	**mg/L**	1	6/17/2021 14:49
Barium	**1.6**		**0.0043**	**0.0050**	**mg/L**	1	6/17/2021 14:49
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 14:49
Chromium	**0.14**		**0.00093**	**0.0050**	**mg/L**	1	6/17/2021 14:49
Lead	**0.048**		**0.0013**	**0.0050**	**mg/L**	1	6/17/2021 14:49
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 14:49
Silver	**0.0072**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 00:41
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	**0.012**		**0.0016**	**0.0050**	**mg/L**	1	6/16/2021 21:01
Barium	**0.56**		**0.0043**	**0.0050**	**mg/L**	1	6/16/2021 21:01
Cadmium	U		0.00078	0.010	mg/L	1	6/16/2021 21:01
Chromium	**0.070**		**0.00093**	**0.0050**	**mg/L**	1	6/16/2021 21:01
Lead	**0.018**		**0.0013**	**0.0050**	**mg/L**	1	6/16/2021 21:01
Selenium	U		0.0032	0.010	mg/L	1	6/16/2021 21:01
Silver	**0.0075**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 00:37
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**0.13**	J	**0.013**	**1.0**	**mg/L**	1	6/17/2021 00:34
ORO (C21-C35)	**0.12**	J	**0.027**	**1.0**	**mg/L**	1	6/17/2021 00:34
Surr: 4-Terphenyl-d14	*51.2*			*23-120*	*%REC*	1	6/17/2021 00:34
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EEW**
1,1`-Biphenyl	U		0.42	1.0	µg/L	1	6/22/2021 04:23
1,2,4,5-Tetrachlorobenzene	U		0.34	5.0	µg/L	1	6/22/2021 04:23
1,4-Dioxane	U		0.72	5.0	µg/L	1	6/22/2021 04:23
2,2`-Oxybis(1-chloropropane)	U		0.23	1.0	µg/L	1	6/22/2021 04:23
2,3,4,6-Tetrachlorophenol	U		0.45	1.0	µg/L	1	6/22/2021 04:23
2,4,5-Trichlorophenol	U		0.17	1.0	µg/L	1	6/22/2021 04:23
2,4,6-Trichlorophenol	U		0.25	1.0	µg/L	1	6/22/2021 04:23
2,4-Dichlorophenol	U		0.35	1.0	µg/L	1	6/22/2021 04:23
2,4-Dimethylphenol	U		0.36	1.0	µg/L	1	6/22/2021 04:23
2,4-Dinitrophenol	U		2.6	5.0	µg/L	1	6/22/2021 04:23
2,4-Dinitrotoluene	U		0.42	1.0	µg/L	1	6/22/2021 04:23

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1
Collection Date: 6/3/2021 02:10 PM

Work Order: 21060688
Lab ID: 21060688-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		0.33	1.0	µg/L	1	6/22/2021 04:23
2-Chloronaphthalene	U		0.075	0.10	µg/L	1	6/22/2021 04:23
2-Chlorophenol	U		0.23	1.0	µg/L	1	6/22/2021 04:23
2-Methylnaphthalene	U		0.065	0.10	µg/L	1	6/22/2021 04:23
2-Methylphenol	U		0.25	1.0	µg/L	1	6/22/2021 04:23
2-Nitroaniline	U		0.21	1.0	µg/L	1	6/22/2021 04:23
2-Nitrophenol	U		0.34	1.0	µg/L	1	6/22/2021 04:23
3&4-Methylphenol	U		0.21	1.0	µg/L	1	6/22/2021 04:23
3,3´-Dichlorobenzidine	U		0.46	5.0	µg/L	1	6/22/2021 04:23
3-Nitroaniline	U		0.64	1.0	µg/L	1	6/22/2021 04:23
4,6-Dinitro-2-methylphenol	U		0.27	1.0	µg/L	1	6/22/2021 04:23
4-Bromophenyl phenyl ether	U		0.33	1.0	µg/L	1	6/22/2021 04:23
4-Chloro-3-methylphenol	U		0.26	1.0	µg/L	1	6/22/2021 04:23
4-Chloroaniline	U		0.34	1.0	µg/L	1	6/22/2021 04:23
4-Chlorophenyl phenyl ether	U		0.31	1.0	µg/L	1	6/22/2021 04:23
4-Nitroaniline	U		0.57	1.0	µg/L	1	6/22/2021 04:23
4-Nitrophenol	U		0.24	5.0	µg/L	1	6/22/2021 04:23
Acenaphthene	U		0.081	0.10	µg/L	1	6/22/2021 04:23
Acenaphthylene	U		0.075	0.10	µg/L	1	6/22/2021 04:23
Acetophenone	U		0.37	1.0	µg/L	1	6/22/2021 04:23
Anthracene	U		0.028	0.10	µg/L	1	6/22/2021 04:23
Atrazine	U		0.35	1.0	µg/L	1	6/22/2021 04:23
Benzaldehyde	U		0.52	1.0	µg/L	1	6/22/2021 04:23
Benzo(a)anthracene	U		0.099	0.10	µg/L	1	6/22/2021 04:23
Benzo(a)pyrene	U		0.044	0.10	µg/L	1	6/22/2021 04:23
Benzo(b)fluoranthene	U		0.051	0.10	µg/L	1	6/22/2021 04:23
Benzo(g,h,i)perylene	U		0.089	0.10	µg/L	1	6/22/2021 04:23
Benzo(k)fluoranthene	U		0.048	0.10	µg/L	1	6/22/2021 04:23
Bis(2-chloroethoxy)methane	U		0.29	1.0	µg/L	1	6/22/2021 04:23
Bis(2-chloroethyl)ether	U		0.37	1.0	µg/L	1	6/22/2021 04:23
Bis(2-ethylhexyl)phthalate	U		0.40	1.0	µg/L	1	6/22/2021 04:23
Butyl benzyl phthalate	U		0.30	1.0	µg/L	1	6/22/2021 04:23
Caprolactam	U		0.96	5.0	µg/L	1	6/22/2021 04:23
Carbazole	U		0.24	1.0	µg/L	1	6/22/2021 04:23
Chrysene	U		0.048	0.10	µg/L	1	6/22/2021 04:23
Dibenzo(a,h)anthracene	U		0.073	0.10	µg/L	1	6/22/2021 04:23
Dibenzofuran	U		0.23	1.0	µg/L	1	6/22/2021 04:23
Diethyl phthalate	U		0.17	1.0	µg/L	1	6/22/2021 04:23
Dimethyl phthalate	U		0.18	1.0	µg/L	1	6/22/2021 04:23
Di-n-butyl phthalate	U		0.21	1.0	µg/L	1	6/22/2021 04:23

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1
Collection Date: 6/3/2021 02:10 PM

Work Order: 21060688
Lab ID: 21060688-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		0.53	1.0	µg/L	1	6/22/2021 04:23
Fluoranthene	**0.15**		**0.038**	**0.10**	**µg/L**	1	6/22/2021 04:23
Fluorene	U		0.051	0.10	µg/L	1	6/22/2021 04:23
Hexachlorobenzene	U		0.44	1.0	µg/L	1	6/22/2021 04:23
Hexachlorobutadiene	U		0.63	1.0	µg/L	1	6/22/2021 04:23
Hexachlorocyclopentadiene	U		1.1	5.0	µg/L	1	6/22/2021 04:23
Hexachloroethane	U		0.62	1.0	µg/L	1	6/22/2021 04:23
Indeno(1,2,3-cd)pyrene	U		0.067	0.10	µg/L	1	6/22/2021 04:23
Isophorone	U		0.34	5.0	µg/L	1	6/22/2021 04:23
Naphthalene	U		0.067	0.10	µg/L	1	6/22/2021 04:23
Nitrobenzene	U		0.26	1.0	µg/L	1	6/22/2021 04:23
N-Nitrosodi-n-propylamine	U		0.35	1.0	µg/L	1	6/22/2021 04:23
N-Nitrosodiphenylamine	U		0.49	1.0	µg/L	1	6/22/2021 04:23
Pentachlorophenol	U		0.97	5.0	µg/L	1	6/22/2021 04:23
Phenanthrene	U		0.081	0.10	µg/L	1	6/22/2021 04:23
Phenol	U		0.21	1.0	µg/L	1	6/22/2021 04:23
Pyrene	**0.10**		**0.036**	**0.10**	**µg/L**	1	6/22/2021 04:23
Surr: 2,4,6-Tribromophenol	*70.3*			*27-83*	*%REC*	1	6/22/2021 04:23
Surr: 2-Fluorobiphenyl	*63.3*			*26-79*	*%REC*	1	6/22/2021 04:23
Surr: 2-Fluorophenol	*35.4*			*13-56*	*%REC*	1	6/22/2021 04:23
Surr: 4-Terphenyl-d14	*75.8*			*43-106*	*%REC*	1	6/22/2021 04:23
Surr: Nitrobenzene-d5	*54.9*			*29-80*	*%REC*	1	6/22/2021 04:23
Surr: Phenol-d6	*22.5*			*10-35*	*%REC*	1	6/22/2021 04:23
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/15/2021 23:16
Surr: Toluene-d8	*88.2*			*70-130*	*%REC*	1	6/15/2021 23:16
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 23:16
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/15/2021 23:16
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 23:16
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/15/2021 23:16
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 23:16
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/15/2021 23:16
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/15/2021 23:16
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/15/2021 23:16
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/15/2021 23:16
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/15/2021 23:16
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/15/2021 23:16
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 23:16

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1
Collection Date: 6/3/2021 02:10 PM

Work Order: 21060688
Lab ID: 21060688-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/15/2021 23:16
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/15/2021 23:16
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/15/2021 23:16
2-Butanone	**0.61**	J	**0.52**	**5.0**	**µg/L**	1	6/15/2021 23:16
2-Hexanone	U		0.59	5.0	µg/L	1	6/15/2021 23:16
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/15/2021 23:16
Acetone	**8.6**	J	**6.2**	**10**	**µg/L**	1	6/15/2021 23:16
Benzene	U		0.46	1.0	µg/L	1	6/15/2021 23:16
Bromochloromethane	U		0.45	1.0	µg/L	1	6/15/2021 23:16
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/15/2021 23:16
Bromoform	**1.6**		**0.56**	**1.0**	**µg/L**	1	6/15/2021 23:16
Bromomethane	U		0.90	1.0	µg/L	1	6/15/2021 23:16
Carbon disulfide	U		0.49	1.0	µg/L	1	6/15/2021 23:16
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/15/2021 23:16
Chlorobenzene	U		0.40	1.0	µg/L	1	6/15/2021 23:16
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 20:01
Chloroform	U		0.46	1.0	µg/L	1	6/15/2021 23:16
Chloromethane	U		0.83	1.0	µg/L	1	6/15/2021 23:16
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/15/2021 23:16
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/15/2021 23:16
Cyclohexane	U		0.63	2.0	µg/L	1	6/15/2021 23:16
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/15/2021 23:16
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/15/2021 23:16
Ethylbenzene	U		0.34	1.0	µg/L	1	6/15/2021 23:16
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/15/2021 23:16
m,p-Xylene	U		0.81	2.0	µg/L	1	6/15/2021 23:16
Methyl acetate	U		0.59	2.0	µg/L	1	6/15/2021 23:16
Methyl tert-butyl ether	**0.86**	J	**0.45**	**1.0**	**µg/L**	1	6/15/2021 23:16
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/15/2021 23:16
Methylene chloride	U		0.86	5.0	µg/L	1	6/15/2021 23:16
o-Xylene	U		0.31	1.0	µg/L	1	6/15/2021 23:16
Styrene	U		0.33	1.0	µg/L	1	6/15/2021 23:16
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/15/2021 23:16
Toluene	U		0.45	1.0	µg/L	1	6/15/2021 23:16
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/15/2021 23:16
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/15/2021 23:16
Trichloroethene	U		0.43	1.0	µg/L	1	6/15/2021 23:16
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/15/2021 23:16
Vinyl chloride	U		0.53	1.0	µg/L	1	6/15/2021 23:16
Surr: 1,2-Dichloroethane-d4	*103*			*75-120*	*%REC*	1	6/15/2021 23:16

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B1
Collection Date: 6/3/2021 02:10 PM

Work Order: 21060688
Lab ID: 21060688-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*104*			*75-120*	*%REC*	1	6/16/2021 20:01
Surr: 4-Bromofluorobenzene	*99.0*			*80-110*	*%REC*	1	6/15/2021 23:16
Surr: 4-Bromofluorobenzene	*96.6*			*80-110*	*%REC*	1	6/16/2021 20:01
Surr: Dibromofluoromethane	*99.2*			*85-115*	*%REC*	1	6/15/2021 23:16
Surr: Dibromofluoromethane	*97.4*			*85-115*	*%REC*	1	6/16/2021 20:01
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/15/2021 23:16
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/16/2021 20:01

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3
Collection Date: 6/3/2021 02:45 PM

Work Order: 21060688
Lab ID: 21060688-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	**0.00019**	J	**0.00016**	**0.00020**	**mg/L**	1	6/16/2021 15:33
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:35
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	**0.0063**		**0.0016**	**0.0050**	**mg/L**	1	6/17/2021 14:54
Barium	**0.24**		**0.0043**	**0.0050**	**mg/L**	1	6/17/2021 14:54
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 14:54
Chromium	**0.033**		**0.00093**	**0.0050**	**mg/L**	1	6/17/2021 14:54
Lead	**0.0079**		**0.0013**	**0.0050**	**mg/L**	1	6/17/2021 14:54
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 14:54
Silver	**0.0097**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 00:47
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/17/2021 14:59
Barium	**0.22**		**0.0043**	**0.0050**	**mg/L**	1	6/17/2021 14:59
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 14:59
Chromium	U		0.00093	0.0050	mg/L	1	6/17/2021 14:59
Lead	U		0.0013	0.0050	mg/L	1	6/17/2021 14:59
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 14:59
Silver	**0.0066**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 00:52
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.6**	J	**0.26**	**20**	**mg/L**	1	6/17/2021 01:04
ORO (C21-C35)	**2.5**	J	**0.54**	**20**	**mg/L**	1	6/17/2021 01:04
Surr: 4-Terphenyl-d14	*60.9*			*23-120*	*%REC*	1	6/17/2021 01:04
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EEW**
1,1`-Biphenyl	U		8.4	20	µg/L	1	6/22/2021 04:50
1,2,4,5-Tetrachlorobenzene	U		6.8	100	µg/L	1	6/22/2021 04:50
1,4-Dioxane	U		14	100	µg/L	1	6/22/2021 04:50
2,2`-Oxybis(1-chloropropane)	U		4.6	20	µg/L	1	6/22/2021 04:50
2,3,4,6-Tetrachlorophenol	U		9.0	20	µg/L	1	6/22/2021 04:50
2,4,5-Trichlorophenol	U		3.4	20	µg/L	1	6/22/2021 04:50
2,4,6-Trichlorophenol	U		5.0	20	µg/L	1	6/22/2021 04:50
2,4-Dichlorophenol	U		7.0	20	µg/L	1	6/22/2021 04:50
2,4-Dimethylphenol	U		7.2	20	µg/L	1	6/22/2021 04:50
2,4-Dinitrophenol	U		52	100	µg/L	1	6/22/2021 04:50
2,4-Dinitrotoluene	U		8.4	20	µg/L	1	6/22/2021 04:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3
Collection Date: 6/3/2021 02:45 PM

Work Order: 21060688
Lab ID: 21060688-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		6.6	20	µg/L	1	6/22/2021 04:50
2-Chloronaphthalene	U		1.5	2.0	µg/L	1	6/22/2021 04:50
2-Chlorophenol	U		4.6	20	µg/L	1	6/22/2021 04:50
2-Methylnaphthalene	U		1.3	2.0	µg/L	1	6/22/2021 04:50
2-Methylphenol	U		5.0	20	µg/L	1	6/22/2021 04:50
2-Nitroaniline	U		4.2	20	µg/L	1	6/22/2021 04:50
2-Nitrophenol	U		6.8	20	µg/L	1	6/22/2021 04:50
3&4-Methylphenol	U		4.2	20	µg/L	1	6/22/2021 04:50
3,3´-Dichlorobenzidine	U		9.2	100	µg/L	1	6/22/2021 04:50
3-Nitroaniline	U		13	20	µg/L	1	6/22/2021 04:50
4,6-Dinitro-2-methylphenol	U		5.4	20	µg/L	1	6/22/2021 04:50
4-Bromophenyl phenyl ether	U		6.6	20	µg/L	1	6/22/2021 04:50
4-Chloro-3-methylphenol	U		5.2	20	µg/L	1	6/22/2021 04:50
4-Chloroaniline	U		6.8	20	µg/L	1	6/22/2021 04:50
4-Chlorophenyl phenyl ether	U		6.2	20	µg/L	1	6/22/2021 04:50
4-Nitroaniline	U		11	20	µg/L	1	6/22/2021 04:50
4-Nitrophenol	U		4.8	100	µg/L	1	6/22/2021 04:50
Acenaphthene	U		1.6	2.0	µg/L	1	6/22/2021 04:50
Acenaphthylene	U		1.5	2.0	µg/L	1	6/22/2021 04:50
Acetophenone	U		7.4	20	µg/L	1	6/22/2021 04:50
Anthracene	U		0.56	2.0	µg/L	1	6/22/2021 04:50
Atrazine	U		7.0	20	µg/L	1	6/22/2021 04:50
Benzaldehyde	U		10	20	µg/L	1	6/22/2021 04:50
Benzo(a)anthracene	**3.6**		**2.0**	**2.0**	**µg/L**	1	6/22/2021 04:50
Benzo(a)pyrene	**2.2**		**0.88**	**2.0**	**µg/L**	1	6/22/2021 04:50
Benzo(b)fluoranthene	**5.2**		**1.0**	**2.0**	**µg/L**	1	6/22/2021 04:50
Benzo(g,h,i)perylene	**2.4**		**1.8**	**2.0**	**µg/L**	1	6/22/2021 04:50
Benzo(k)fluoranthene	**1.6**	J	**0.96**	**2.0**	**µg/L**	1	6/22/2021 04:50
Bis(2-chloroethoxy)methane	U		5.8	20	µg/L	1	6/22/2021 04:50
Bis(2-chloroethyl)ether	U		7.4	20	µg/L	1	6/22/2021 04:50
Bis(2-ethylhexyl)phthalate	U		8.0	20	µg/L	1	6/22/2021 04:50
Butyl benzyl phthalate	U		6.0	20	µg/L	1	6/22/2021 04:50
Caprolactam	U		19	100	µg/L	1	6/22/2021 04:50
Carbazole	U		4.8	20	µg/L	1	6/22/2021 04:50
Chrysene	**3.2**		**0.96**	**2.0**	**µg/L**	1	6/22/2021 04:50
Dibenzo(a,h)anthracene	U		1.5	2.0	µg/L	1	6/22/2021 04:50
Dibenzofuran	U		4.6	20	µg/L	1	6/22/2021 04:50
Diethyl phthalate	U		3.4	20	µg/L	1	6/22/2021 04:50
Dimethyl phthalate	U		3.6	20	µg/L	1	6/22/2021 04:50
Di-n-butyl phthalate	U		4.2	20	µg/L	1	6/22/2021 04:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3
Collection Date: 6/3/2021 02:45 PM

Work Order: 21060688
Lab ID: 21060688-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		11	20	µg/L	1	6/22/2021 04:50
Fluoranthene	**8.8**		**0.76**	**2.0**	**µg/L**	1	6/22/2021 04:50
Fluorene	U		1.0	2.0	µg/L	1	6/22/2021 04:50
Hexachlorobenzene	U		8.8	20	µg/L	1	6/22/2021 04:50
Hexachlorobutadiene	U		13	20	µg/L	1	6/22/2021 04:50
Hexachlorocyclopentadiene	U		22	100	µg/L	1	6/22/2021 04:50
Hexachloroethane	U		12	20	µg/L	1	6/22/2021 04:50
Indeno(1,2,3-cd)pyrene	**2.6**		**1.3**	**2.0**	**µg/L**	1	6/22/2021 04:50
Isophorone	U		6.8	100	µg/L	1	6/22/2021 04:50
Naphthalene	U		1.3	2.0	µg/L	1	6/22/2021 04:50
Nitrobenzene	U		5.2	20	µg/L	1	6/22/2021 04:50
N-Nitrosodi-n-propylamine	U		7.0	20	µg/L	1	6/22/2021 04:50
N-Nitrosodiphenylamine	U		9.8	20	µg/L	1	6/22/2021 04:50
Pentachlorophenol	U		19	100	µg/L	1	6/22/2021 04:50
Phenanthrene	**2.6**		**1.6**	**2.0**	**µg/L**	1	6/22/2021 04:50
Phenol	U		4.2	20	µg/L	1	6/22/2021 04:50
Pyrene	**5.0**		**0.72**	**2.0**	**µg/L**	1	6/22/2021 04:50
Surr: 2,4,6-Tribromophenol	*61.8*			*27-83*	*%REC*	1	6/22/2021 04:50
Surr: 2-Fluorobiphenyl	*71.1*			*26-79*	*%REC*	1	6/22/2021 04:50
Surr: 2-Fluorophenol	*42.3*			*13-56*	*%REC*	1	6/22/2021 04:50
Surr: 4-Terphenyl-d14	*71.1*			*43-106*	*%REC*	1	6/22/2021 04:50
Surr: Nitrobenzene-d5	*66.2*			*29-80*	*%REC*	1	6/22/2021 04:50
Surr: Phenol-d6	*30.1*			*10-35*	*%REC*	1	6/22/2021 04:50
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/15/2021 22:59
Surr: Toluene-d8	*87.4*			*70-130*	*%REC*	1	6/15/2021 22:59
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:59
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/15/2021 22:59
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:59
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/15/2021 22:59
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:59
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/15/2021 22:59
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/15/2021 22:59
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/15/2021 22:59
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/15/2021 22:59
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/15/2021 22:59
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/15/2021 22:59
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:59

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3
Collection Date: 6/3/2021 02:45 PM

Work Order: 21060688
Lab ID: 21060688-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/15/2021 22:59
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/15/2021 22:59
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:59
2-Butanone	**0.75**	J	**0.52**	**5.0**	**µg/L**	1	6/15/2021 22:59
2-Hexanone	U		0.59	5.0	µg/L	1	6/15/2021 22:59
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/15/2021 22:59
Acetone	U		6.2	10	µg/L	1	6/15/2021 22:59
Benzene	U		0.46	1.0	µg/L	1	6/15/2021 22:59
Bromochloromethane	U		0.45	1.0	µg/L	1	6/15/2021 22:59
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/15/2021 22:59
Bromoform	**0.87**	J	**0.56**	**1.0**	**µg/L**	1	6/15/2021 22:59
Bromomethane	U		0.90	1.0	µg/L	1	6/15/2021 22:59
Carbon disulfide	U		0.49	1.0	µg/L	1	6/15/2021 22:59
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/15/2021 22:59
Chlorobenzene	U		0.40	1.0	µg/L	1	6/15/2021 22:59
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 20:25
Chloroform	U		0.46	1.0	µg/L	1	6/15/2021 22:59
Chloromethane	U		0.83	1.0	µg/L	1	6/15/2021 22:59
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/15/2021 22:59
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/15/2021 22:59
Cyclohexane	U		0.63	2.0	µg/L	1	6/15/2021 22:59
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/15/2021 22:59
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/15/2021 22:59
Ethylbenzene	U		0.34	1.0	µg/L	1	6/15/2021 22:59
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:59
m,p-Xylene	U		0.81	2.0	µg/L	1	6/15/2021 22:59
Methyl acetate	U		0.59	2.0	µg/L	1	6/15/2021 22:59
Methyl tert-butyl ether	**2.8**		**0.45**	**1.0**	**µg/L**	1	6/15/2021 22:59
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/15/2021 22:59
Methylene chloride	U		0.86	5.0	µg/L	1	6/15/2021 22:59
o-Xylene	U		0.31	1.0	µg/L	1	6/15/2021 22:59
Styrene	U		0.33	1.0	µg/L	1	6/15/2021 22:59
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/15/2021 22:59
Toluene	U		0.45	1.0	µg/L	1	6/15/2021 22:59
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/15/2021 22:59
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/15/2021 22:59
Trichloroethene	U		0.43	1.0	µg/L	1	6/15/2021 22:59
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/15/2021 22:59
Vinyl chloride	U		0.53	1.0	µg/L	1	6/15/2021 22:59
Surr: 1,2-Dichloroethane-d4	*104*			*75-120*	*%REC*	1	6/15/2021 22:59

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B3
Collection Date: 6/3/2021 02:45 PM

Work Order: 21060688
Lab ID: 21060688-02
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*97.4*			*75-120*	*%REC*	1	6/16/2021 20:25
Surr: 4-Bromofluorobenzene	*99.0*			*80-110*	*%REC*	1	6/15/2021 22:59
Surr: 4-Bromofluorobenzene	*94.1*			*80-110*	*%REC*	1	6/16/2021 20:25
Surr: Dibromofluoromethane	*99.0*			*85-115*	*%REC*	1	6/15/2021 22:59
Surr: Dibromofluoromethane	*95.6*			*85-115*	*%REC*	1	6/16/2021 20:25
Surr: Toluene-d8	*102*			*85-110*	*%REC*	1	6/15/2021 22:59
Surr: Toluene-d8	*97.4*			*85-110*	*%REC*	1	6/16/2021 20:25

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4
Collection Date: 6/3/2021 03:00 PM

Work Order: 21060688
Lab ID: 21060688-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	**0.00052**		**0.00016**	**0.00020**	**mg/L**	1	6/16/2021 15:37
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:38
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	**0.033**		**0.0016**	**0.0050**	**mg/L**	1	6/17/2021 15:04
Barium	**4.5**		**0.0043**	**0.0050**	**mg/L**	1	6/17/2021 15:04
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 15:04
Chromium	**0.24**		**0.00093**	**0.0050**	**mg/L**	1	6/17/2021 15:04
Lead	**0.075**		**0.0013**	**0.0050**	**mg/L**	1	6/17/2021 15:04
Selenium	**0.0056**	J	**0.0032**	**0.010**	**mg/L**	1	6/17/2021 15:04
Silver	**0.013**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 00:57
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/17/2021 15:09
Barium	**0.21**		**0.0043**	**0.0050**	**mg/L**	1	6/17/2021 15:09
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 15:09
Chromium	U		0.00093	0.0050	mg/L	1	6/17/2021 15:09
Lead	U		0.0013	0.0050	mg/L	1	6/17/2021 15:09
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 15:09
Silver	**0.0082**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 01:02
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.2**	J	**0.26**	**20**	**mg/L**	1	6/17/2021 01:35
ORO (C21-C35)	**2.1**	J	**0.54**	**20**	**mg/L**	1	6/17/2021 01:35
Surr: 4-Terphenyl-d14	*53.9*			*23-120*	*%REC*	1	6/17/2021 01:35
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**					Analyst: **EE**
1,1`-Biphenyl	U		8.4	20	µg/L	1	6/12/2021 00:34
1,2,4,5-Tetrachlorobenzene	U		6.8	100	µg/L	1	6/12/2021 00:34
1,4-Dioxane	U		14	100	µg/L	1	6/12/2021 00:34
2,2`-Oxybis(1-chloropropane)	U		4.6	20	µg/L	1	6/12/2021 00:34
2,3,4,6-Tetrachlorophenol	U		9.0	20	µg/L	1	6/12/2021 00:34
2,4,5-Trichlorophenol	U		3.4	20	µg/L	1	6/12/2021 00:34
2,4,6-Trichlorophenol	U		5.0	20	µg/L	1	6/12/2021 00:34
2,4-Dichlorophenol	U		7.0	20	µg/L	1	6/12/2021 00:34
2,4-Dimethylphenol	U		7.2	20	µg/L	1	6/12/2021 00:34
2,4-Dinitrophenol	U		52	100	µg/L	1	6/12/2021 00:34
2,4-Dinitrotoluene	U		8.4	20	µg/L	1	6/12/2021 00:34

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4
Collection Date: 6/3/2021 03:00 PM

Work Order: 21060688
Lab ID: 21060688-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		6.6	20	µg/L	1	6/12/2021 00:34
2-Chloronaphthalene	U		1.5	2.0	µg/L	1	6/12/2021 00:34
2-Chlorophenol	U		4.6	20	µg/L	1	6/12/2021 00:34
2-Methylnaphthalene	U		1.3	2.0	µg/L	1	6/12/2021 00:34
2-Methylphenol	U		5.0	20	µg/L	1	6/12/2021 00:34
2-Nitroaniline	U		4.2	20	µg/L	1	6/12/2021 00:34
2-Nitrophenol	U		6.8	20	µg/L	1	6/12/2021 00:34
3&4-Methylphenol	U		4.2	20	µg/L	1	6/12/2021 00:34
3,3´-Dichlorobenzidine	U		9.2	100	µg/L	1	6/12/2021 00:34
3-Nitroaniline	U		13	20	µg/L	1	6/12/2021 00:34
4,6-Dinitro-2-methylphenol	U		5.4	20	µg/L	1	6/12/2021 00:34
4-Bromophenyl phenyl ether	U		6.6	20	µg/L	1	6/12/2021 00:34
4-Chloro-3-methylphenol	U		5.2	20	µg/L	1	6/12/2021 00:34
4-Chloroaniline	U		6.8	20	µg/L	1	6/12/2021 00:34
4-Chlorophenyl phenyl ether	U		6.2	20	µg/L	1	6/12/2021 00:34
4-Nitroaniline	U		11	20	µg/L	1	6/12/2021 00:34
4-Nitrophenol	U		4.8	100	µg/L	1	6/12/2021 00:34
Acenaphthene	U		1.6	2.0	µg/L	1	6/12/2021 00:34
Acenaphthylene	U		1.5	2.0	µg/L	1	6/12/2021 00:34
Acetophenone	U		7.4	20	µg/L	1	6/12/2021 00:34
Anthracene	U		0.56	2.0	µg/L	1	6/12/2021 00:34
Atrazine	U		7.0	20	µg/L	1	6/12/2021 00:34
Benzaldehyde	U		10	20	µg/L	1	6/12/2021 00:34
Benzo(a)anthracene	U		2.0	2.0	µg/L	1	6/12/2021 00:34
Benzo(a)pyrene	U		0.88	2.0	µg/L	1	6/12/2021 00:34
Benzo(b)fluoranthene	U		1.0	2.0	µg/L	1	6/12/2021 00:34
Benzo(g,h,i)perylene	U		1.8	2.0	µg/L	1	6/12/2021 00:34
Benzo(k)fluoranthene	U		0.96	2.0	µg/L	1	6/12/2021 00:34
Bis(2-chloroethoxy)methane	U		5.8	20	µg/L	1	6/12/2021 00:34
Bis(2-chloroethyl)ether	U		7.4	20	µg/L	1	6/12/2021 00:34
Bis(2-ethylhexyl)phthalate	U		8.0	20	µg/L	1	6/12/2021 00:34
Butyl benzyl phthalate	U		6.0	20	µg/L	1	6/12/2021 00:34
Caprolactam	U		19	100	µg/L	1	6/12/2021 00:34
Carbazole	U		4.8	20	µg/L	1	6/12/2021 00:34
Chrysene	U		0.96	2.0	µg/L	1	6/12/2021 00:34
Dibenzo(a,h)anthracene	U		1.5	2.0	µg/L	1	6/12/2021 00:34
Dibenzofuran	U		4.6	20	µg/L	1	6/12/2021 00:34
Diethyl phthalate	U		3.4	20	µg/L	1	6/12/2021 00:34
Dimethyl phthalate	U		3.6	20	µg/L	1	6/12/2021 00:34
Di-n-butyl phthalate	U		4.2	20	µg/L	1	6/12/2021 00:34

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4
Collection Date: 6/3/2021 03:00 PM

Work Order: 21060688
Lab ID: 21060688-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		11	20	µg/L	1	6/12/2021 00:34
Fluoranthene	U		0.76	2.0	µg/L	1	6/12/2021 00:34
Fluorene	U		1.0	2.0	µg/L	1	6/12/2021 00:34
Hexachlorobenzene	U		8.8	20	µg/L	1	6/12/2021 00:34
Hexachlorobutadiene	U		13	20	µg/L	1	6/12/2021 00:34
Hexachlorocyclopentadiene	U		22	100	µg/L	1	6/12/2021 00:34
Hexachloroethane	U		12	20	µg/L	1	6/12/2021 00:34
Indeno(1,2,3-cd)pyrene	U		1.3	2.0	µg/L	1	6/12/2021 00:34
Isophorone	U		6.8	100	µg/L	1	6/12/2021 00:34
Naphthalene	U		1.3	2.0	µg/L	1	6/12/2021 00:34
Nitrobenzene	U		5.2	20	µg/L	1	6/12/2021 00:34
N-Nitrosodi-n-propylamine	U		7.0	20	µg/L	1	6/12/2021 00:34
N-Nitrosodiphenylamine	U		9.8	20	µg/L	1	6/12/2021 00:34
Pentachlorophenol	U		19	100	µg/L	1	6/12/2021 00:34
Phenanthrene	U		1.6	2.0	µg/L	1	6/12/2021 00:34
Phenol	U		4.2	20	µg/L	1	6/12/2021 00:34
Pyrene	U		0.72	2.0	µg/L	1	6/12/2021 00:34
Surr: 2,4,6-Tribromophenol	*76.0*			*27-83*	*%REC*	1	6/12/2021 00:34
Surr: 2-Fluorobiphenyl	*62.7*			*26-79*	*%REC*	1	6/12/2021 00:34
Surr: 2-Fluorophenol	*47.4*			*13-56*	*%REC*	1	6/12/2021 00:34
Surr: 4-Terphenyl-d14	*93.1*			*43-106*	*%REC*	1	6/12/2021 00:34
Surr: Nitrobenzene-d5	*68.3*			*29-80*	*%REC*	1	6/12/2021 00:34
Surr: Phenol-d6	*31.3*			*10-35*	*%REC*	1	6/12/2021 00:34
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/15/2021 22:43
Surr: Toluene-d8	*88.8*			*70-130*	*%REC*	1	6/15/2021 22:43
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:43
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/15/2021 22:43
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:43
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/15/2021 22:43
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:43
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/15/2021 22:43
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/15/2021 22:43
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/15/2021 22:43
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/15/2021 22:43
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/15/2021 22:43
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/15/2021 22:43
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:43

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4
Collection Date: 6/3/2021 03:00 PM

Work Order: 21060688
Lab ID: 21060688-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/15/2021 22:43
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/15/2021 22:43
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:43
2-Butanone	**1.5**	J	**0.52**	**5.0**	**µg/L**	1	6/15/2021 22:43
2-Hexanone	U		0.59	5.0	µg/L	1	6/15/2021 22:43
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/15/2021 22:43
Acetone	**14**		**6.2**	**10**	**µg/L**	1	6/15/2021 22:43
Benzene	U		0.46	1.0	µg/L	1	6/15/2021 22:43
Bromochloromethane	U		0.45	1.0	µg/L	1	6/15/2021 22:43
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/15/2021 22:43
Bromoform	**1.3**		**0.56**	**1.0**	**µg/L**	1	6/15/2021 22:43
Bromomethane	U		0.90	1.0	µg/L	1	6/15/2021 22:43
Carbon disulfide	**1.0**		**0.49**	**1.0**	**µg/L**	1	6/15/2021 22:43
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/15/2021 22:43
Chlorobenzene	U		0.40	1.0	µg/L	1	6/15/2021 22:43
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 20:49
Chloroform	U		0.46	1.0	µg/L	1	6/15/2021 22:43
Chloromethane	U		0.83	1.0	µg/L	1	6/15/2021 22:43
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/15/2021 22:43
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/15/2021 22:43
Cyclohexane	U		0.63	2.0	µg/L	1	6/15/2021 22:43
Dibromochloromethane	**0.81**	J	**0.40**	**1.0**	**µg/L**	1	6/15/2021 22:43
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/15/2021 22:43
Ethylbenzene	U		0.34	1.0	µg/L	1	6/15/2021 22:43
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:43
m,p-Xylene	U		0.81	2.0	µg/L	1	6/15/2021 22:43
Methyl acetate	U		0.59	2.0	µg/L	1	6/15/2021 22:43
Methyl tert-butyl ether	**22**		**0.45**	**1.0**	**µg/L**	1	6/15/2021 22:43
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/15/2021 22:43
Methylene chloride	U		0.86	5.0	µg/L	1	6/15/2021 22:43
o-Xylene	U		0.31	1.0	µg/L	1	6/15/2021 22:43
Styrene	U		0.33	1.0	µg/L	1	6/15/2021 22:43
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/15/2021 22:43
Toluene	U		0.45	1.0	µg/L	1	6/15/2021 22:43
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/15/2021 22:43
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/15/2021 22:43
Trichloroethene	U		0.43	1.0	µg/L	1	6/15/2021 22:43
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/15/2021 22:43
Vinyl chloride	U		0.53	1.0	µg/L	1	6/15/2021 22:43
Surr: 1,2-Dichloroethane-d4	*102*			*75-120*	*%REC*	1	6/15/2021 22:43

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B4
Collection Date: 6/3/2021 03:00 PM

Work Order: 21060688
Lab ID: 21060688-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*99.8*			*75-120*	*%REC*	1	6/16/2021 20:49
Surr: 4-Bromofluorobenzene	*98.0*			*80-110*	*%REC*	1	6/15/2021 22:43
Surr: 4-Bromofluorobenzene	*93.2*			*80-110*	*%REC*	1	6/16/2021 20:49
Surr: Dibromofluoromethane	*99.2*			*85-115*	*%REC*	1	6/15/2021 22:43
Surr: Dibromofluoromethane	*98.7*			*85-115*	*%REC*	1	6/16/2021 20:49
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/15/2021 22:43
Surr: Toluene-d8	*97.3*			*85-110*	*%REC*	1	6/16/2021 20:49

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5
Collection Date: 6/3/2021 03:20 PM

Work Order: 21060688
Lab ID: 21060688-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	**0.00036**		**0.00016**	**0.00020**	**mg/L**	1	6/16/2021 15:44
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:45
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	**0.067**		**0.0016**	**0.0050**	**mg/L**	1	6/17/2021 15:15
Barium	**7.6**		**0.0043**	**0.0050**	**mg/L**	1	6/17/2021 15:15
Cadmium	**0.0047**	J	**0.00078**	**0.010**	**mg/L**	1	6/17/2021 15:15
Chromium	**0.43**		**0.00093**	**0.0050**	**mg/L**	1	6/17/2021 15:15
Lead	**0.17**		**0.0013**	**0.0050**	**mg/L**	1	6/17/2021 15:15
Selenium	**0.0079**	J	**0.0032**	**0.010**	**mg/L**	1	6/17/2021 15:15
Silver	**0.016**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 01:07
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	**0.0024**	J	**0.0016**	**0.0050**	**mg/L**	1	6/17/2021 15:20
Barium	**0.34**		**0.0043**	**0.0050**	**mg/L**	1	6/17/2021 15:20
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 15:20
Chromium	U		0.00093	0.0050	mg/L	1	6/17/2021 15:20
Lead	**0.0028**	J	**0.0013**	**0.0050**	**mg/L**	1	6/17/2021 15:20
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 15:20
Silver	**0.0075**		**0.0025**	**0.0050**	**mg/L**	1	6/22/2021 01:13
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.4**	J	**0.26**	**20**	**mg/L**	1	6/17/2021 02:05
ORO (C21-C35)	**1.8**	J	**0.54**	**20**	**mg/L**	1	6/17/2021 02:05
Surr: 4-Terphenyl-d14	*52.8*			*23-120*	*%REC*	1	6/17/2021 02:05
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**					Analyst: **EE**
1,1`-Biphenyl	U		8.4	20	µg/L	1	6/12/2021 00:56
1,2,4,5-Tetrachlorobenzene	U		6.8	100	µg/L	1	6/12/2021 00:56
1,4-Dioxane	U		14	100	µg/L	1	6/12/2021 00:56
2,2`-Oxybis(1-chloropropane)	U		4.6	20	µg/L	1	6/12/2021 00:56
2,3,4,6-Tetrachlorophenol	U		9.0	20	µg/L	1	6/12/2021 00:56
2,4,5-Trichlorophenol	U		3.4	20	µg/L	1	6/12/2021 00:56
2,4,6-Trichlorophenol	U		5.0	20	µg/L	1	6/12/2021 00:56
2,4-Dichlorophenol	U		7.0	20	µg/L	1	6/12/2021 00:56
2,4-Dimethylphenol	U		7.2	20	µg/L	1	6/12/2021 00:56
2,4-Dinitrophenol	U		52	100	µg/L	1	6/12/2021 00:56
2,4-Dinitrotoluene	U		8.4	20	µg/L	1	6/12/2021 00:56

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5
Collection Date: 6/3/2021 03:20 PM

Work Order: 21060688
Lab ID: 21060688-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		6.6	20	µg/L	1	6/12/2021 00:56
2-Chloronaphthalene	U		1.5	2.0	µg/L	1	6/12/2021 00:56
2-Chlorophenol	U		4.6	20	µg/L	1	6/12/2021 00:56
2-Methylnaphthalene	U		1.3	2.0	µg/L	1	6/12/2021 00:56
2-Methylphenol	U		5.0	20	µg/L	1	6/12/2021 00:56
2-Nitroaniline	U		4.2	20	µg/L	1	6/12/2021 00:56
2-Nitrophenol	U		6.8	20	µg/L	1	6/12/2021 00:56
3&4-Methylphenol	U		4.2	20	µg/L	1	6/12/2021 00:56
3,3´-Dichlorobenzidine	U		9.2	100	µg/L	1	6/12/2021 00:56
3-Nitroaniline	U		13	20	µg/L	1	6/12/2021 00:56
4,6-Dinitro-2-methylphenol	U		5.4	20	µg/L	1	6/12/2021 00:56
4-Bromophenyl phenyl ether	U		6.6	20	µg/L	1	6/12/2021 00:56
4-Chloro-3-methylphenol	U		5.2	20	µg/L	1	6/12/2021 00:56
4-Chloroaniline	U		6.8	20	µg/L	1	6/12/2021 00:56
4-Chlorophenyl phenyl ether	U		6.2	20	µg/L	1	6/12/2021 00:56
4-Nitroaniline	U		11	20	µg/L	1	6/12/2021 00:56
4-Nitrophenol	U		4.8	100	µg/L	1	6/12/2021 00:56
Acenaphthene	U		1.6	2.0	µg/L	1	6/12/2021 00:56
Acenaphthylene	U		1.5	2.0	µg/L	1	6/12/2021 00:56
Acetophenone	U		7.4	20	µg/L	1	6/12/2021 00:56
Anthracene	U		0.56	2.0	µg/L	1	6/12/2021 00:56
Atrazine	U		7.0	20	µg/L	1	6/12/2021 00:56
Benzaldehyde	U		10	20	µg/L	1	6/12/2021 00:56
Benzo(a)anthracene	U		2.0	2.0	µg/L	1	6/12/2021 00:56
Benzo(a)pyrene	U		0.88	2.0	µg/L	1	6/12/2021 00:56
Benzo(b)fluoranthene	U		1.0	2.0	µg/L	1	6/12/2021 00:56
Benzo(g,h,i)perylene	U		1.8	2.0	µg/L	1	6/12/2021 00:56
Benzo(k)fluoranthene	U		0.96	2.0	µg/L	1	6/12/2021 00:56
Bis(2-chloroethoxy)methane	U		5.8	20	µg/L	1	6/12/2021 00:56
Bis(2-chloroethyl)ether	U		7.4	20	µg/L	1	6/12/2021 00:56
Bis(2-ethylhexyl)phthalate	U		8.0	20	µg/L	1	6/12/2021 00:56
Butyl benzyl phthalate	**12**	J	**6.0**	**20**	**µg/L**	1	6/12/2021 00:56
Caprolactam	U		19	100	µg/L	1	6/12/2021 00:56
Carbazole	U		4.8	20	µg/L	1	6/12/2021 00:56
Chrysene	U		0.96	2.0	µg/L	1	6/12/2021 00:56
Dibenzo(a,h)anthracene	U		1.5	2.0	µg/L	1	6/12/2021 00:56
Dibenzofuran	U		4.6	20	µg/L	1	6/12/2021 00:56
Diethyl phthalate	U		3.4	20	µg/L	1	6/12/2021 00:56
Dimethyl phthalate	U		3.6	20	µg/L	1	6/12/2021 00:56
Di-n-butyl phthalate	U		4.2	20	µg/L	1	6/12/2021 00:56

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5
Collection Date: 6/3/2021 03:20 PM

Work Order: 21060688
Lab ID: 21060688-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		11	20	µg/L	1	6/12/2021 00:56
Fluoranthene	U		0.76	2.0	µg/L	1	6/12/2021 00:56
Fluorene	U		1.0	2.0	µg/L	1	6/12/2021 00:56
Hexachlorobenzene	U		8.8	20	µg/L	1	6/12/2021 00:56
Hexachlorobutadiene	U		13	20	µg/L	1	6/12/2021 00:56
Hexachlorocyclopentadiene	U		22	100	µg/L	1	6/12/2021 00:56
Hexachloroethane	U		12	20	µg/L	1	6/12/2021 00:56
Indeno(1,2,3-cd)pyrene	U		1.3	2.0	µg/L	1	6/12/2021 00:56
Isophorone	U		6.8	100	µg/L	1	6/12/2021 00:56
Naphthalene	U		1.3	2.0	µg/L	1	6/12/2021 00:56
Nitrobenzene	U		5.2	20	µg/L	1	6/12/2021 00:56
N-Nitrosodi-n-propylamine	U		7.0	20	µg/L	1	6/12/2021 00:56
N-Nitrosodiphenylamine	U		9.8	20	µg/L	1	6/12/2021 00:56
Pentachlorophenol	U		19	100	µg/L	1	6/12/2021 00:56
Phenanthrene	U		1.6	2.0	µg/L	1	6/12/2021 00:56
Phenol	U		4.2	20	µg/L	1	6/12/2021 00:56
Pyrene	U		0.72	2.0	µg/L	1	6/12/2021 00:56
Surr: 2,4,6-Tribromophenol	*77.8*			*27-83*	*%REC*	1	6/12/2021 00:56
Surr: 2-Fluorobiphenyl	*56.9*			*26-79*	*%REC*	1	6/12/2021 00:56
Surr: 2-Fluorophenol	*44.9*			*13-56*	*%REC*	1	6/12/2021 00:56
Surr: 4-Terphenyl-d14	*87.1*			*43-106*	*%REC*	1	6/12/2021 00:56
Surr: Nitrobenzene-d5	*62.8*			*29-80*	*%REC*	1	6/12/2021 00:56
Surr: Phenol-d6	*31.6*			*10-35*	*%REC*	1	6/12/2021 00:56
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	**26**	J	**25**	**100**	**µg/L**	1	6/15/2021 22:26
Surr: Toluene-d8	*94.0*			*70-130*	*%REC*	1	6/15/2021 22:26
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:26
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/15/2021 22:26
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:26
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/15/2021 22:26
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:26
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/15/2021 22:26
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/15/2021 22:26
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/15/2021 22:26
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/15/2021 22:26
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/15/2021 22:26
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/15/2021 22:26
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:26

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5
Collection Date: 6/3/2021 03:20 PM

Work Order: 21060688
Lab ID: 21060688-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/15/2021 22:26
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/15/2021 22:26
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:26
2-Butanone	**3.2**	J	**0.52**	**5.0**	**µg/L**	1	6/15/2021 22:26
2-Hexanone	U		0.59	5.0	µg/L	1	6/15/2021 22:26
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/15/2021 22:26
Acetone	**13**		**6.2**	**10**	**µg/L**	1	6/15/2021 22:26
Benzene	U		0.46	1.0	µg/L	1	6/15/2021 22:26
Bromochloromethane	U		0.45	1.0	µg/L	1	6/15/2021 22:26
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/15/2021 22:26
Bromoform	U		0.56	1.0	µg/L	1	6/15/2021 22:26
Bromomethane	U		0.90	1.0	µg/L	1	6/15/2021 22:26
Carbon disulfide	U		0.49	1.0	µg/L	1	6/15/2021 22:26
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/15/2021 22:26
Chlorobenzene	U		0.40	1.0	µg/L	1	6/15/2021 22:26
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 21:14
Chloroform	U		0.46	1.0	µg/L	1	6/15/2021 22:26
Chloromethane	U		0.83	1.0	µg/L	1	6/15/2021 22:26
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/15/2021 22:26
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/15/2021 22:26
Cyclohexane	U		0.63	2.0	µg/L	1	6/15/2021 22:26
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/15/2021 22:26
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/15/2021 22:26
Ethylbenzene	U		0.34	1.0	µg/L	1	6/15/2021 22:26
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:26
m,p-Xylene	U		0.81	2.0	µg/L	1	6/15/2021 22:26
Methyl acetate	U		0.59	2.0	µg/L	1	6/15/2021 22:26
Methyl tert-butyl ether	**4.2**		**0.45**	**1.0**	**µg/L**	1	6/15/2021 22:26
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/15/2021 22:26
Methylene chloride	U		0.86	5.0	µg/L	1	6/15/2021 22:26
o-Xylene	U		0.31	1.0	µg/L	1	6/15/2021 22:26
Styrene	U		0.33	1.0	µg/L	1	6/15/2021 22:26
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/15/2021 22:26
Toluene	U		0.45	1.0	µg/L	1	6/15/2021 22:26
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/15/2021 22:26
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/15/2021 22:26
Trichloroethene	U		0.43	1.0	µg/L	1	6/15/2021 22:26
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/15/2021 22:26
Vinyl chloride	U		0.53	1.0	µg/L	1	6/15/2021 22:26
Surr: 1,2-Dichloroethane-d4	*104*			*75-120*	*%REC*	1	6/15/2021 22:26

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B5
Collection Date: 6/3/2021 03:20 PM

Work Order: 21060688
Lab ID: 21060688-04
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*98.2*			*75-120*	*%REC*	1	6/16/2021 21:14
Surr: 4-Bromofluorobenzene	*98.8*			*80-110*	*%REC*	1	6/15/2021 22:26
Surr: 4-Bromofluorobenzene	*93.8*			*80-110*	*%REC*	1	6/16/2021 21:14
Surr: Dibromofluoromethane	*103*			*85-115*	*%REC*	1	6/15/2021 22:26
Surr: Dibromofluoromethane	*94.8*			*85-115*	*%REC*	1	6/16/2021 21:14
Surr: Toluene-d8	*100*			*85-110*	*%REC*	1	6/15/2021 22:26
Surr: Toluene-d8	*99.2*			*85-110*	*%REC*	1	6/16/2021 21:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6
Collection Date: 6/3/2021 03:45 PM

Work Order: 21060688
Lab ID: 21060688-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**2.6**	J	**0.26**	**20**	**mg/L**	1	6/17/2021 02:36
ORO (C21-C35)	**1.7**	J	**0.54**	**20**	**mg/L**	1	6/17/2021 02:36
Surr: 4-Terphenyl-d14	*62.0*			*23-120*	*%REC*	1	6/17/2021 02:36
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**					Analyst: **EE**
1,1`-Biphenyl	U		8.4	20	µg/L	1	6/12/2021 01:17
1,2,4,5-Tetrachlorobenzene	U		6.8	100	µg/L	1	6/12/2021 01:17
1,4-Dioxane	U		14	100	µg/L	1	6/12/2021 01:17
2,2`-Oxybis(1-chloropropane)	U		4.6	20	µg/L	1	6/12/2021 01:17
2,3,4,6-Tetrachlorophenol	U		9.0	20	µg/L	1	6/12/2021 01:17
2,4,5-Trichlorophenol	U		3.4	20	µg/L	1	6/12/2021 01:17
2,4,6-Trichlorophenol	U		5.0	20	µg/L	1	6/12/2021 01:17
2,4-Dichlorophenol	U		7.0	20	µg/L	1	6/12/2021 01:17
2,4-Dimethylphenol	U		7.2	20	µg/L	1	6/12/2021 01:17
2,4-Dinitrophenol	U		52	100	µg/L	1	6/12/2021 01:17
2,4-Dinitrotoluene	U		8.4	20	µg/L	1	6/12/2021 01:17
2,6-Dinitrotoluene	U		6.6	20	µg/L	1	6/12/2021 01:17
2-Chloronaphthalene	U		1.5	2.0	µg/L	1	6/12/2021 01:17
2-Chlorophenol	U		4.6	20	µg/L	1	6/12/2021 01:17
2-Methylnaphthalene	U		1.3	2.0	µg/L	1	6/12/2021 01:17
2-Methylphenol	U		5.0	20	µg/L	1	6/12/2021 01:17
2-Nitroaniline	U		4.2	20	µg/L	1	6/12/2021 01:17
2-Nitrophenol	U		6.8	20	µg/L	1	6/12/2021 01:17
3&4-Methylphenol	U		4.2	20	µg/L	1	6/12/2021 01:17
3,3´-Dichlorobenzidine	U		9.2	100	µg/L	1	6/12/2021 01:17
3-Nitroaniline	U		13	20	µg/L	1	6/12/2021 01:17
4,6-Dinitro-2-methylphenol	U		5.4	20	µg/L	1	6/12/2021 01:17
4-Bromophenyl phenyl ether	U		6.6	20	µg/L	1	6/12/2021 01:17
4-Chloro-3-methylphenol	U		5.2	20	µg/L	1	6/12/2021 01:17
4-Chloroaniline	U		6.8	20	µg/L	1	6/12/2021 01:17
4-Chlorophenyl phenyl ether	U		6.2	20	µg/L	1	6/12/2021 01:17
4-Nitroaniline	U		11	20	µg/L	1	6/12/2021 01:17
4-Nitrophenol	U		4.8	100	µg/L	1	6/12/2021 01:17
Acenaphthene	U		1.6	2.0	µg/L	1	6/12/2021 01:17
Acenaphthylene	U		1.5	2.0	µg/L	1	6/12/2021 01:17
Acetophenone	U		7.4	20	µg/L	1	6/12/2021 01:17
Anthracene	U		0.56	2.0	µg/L	1	6/12/2021 01:17
Atrazine	U		7.0	20	µg/L	1	6/12/2021 01:17
Benzaldehyde	U		10	20	µg/L	1	6/12/2021 01:17

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6
Collection Date: 6/3/2021 03:45 PM

Work Order: 21060688
Lab ID: 21060688-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Benzo(a)anthracene	**3.8**		**2.0**	**2.0**	**µg/L**	1	6/12/2021 01:17
Benzo(a)pyrene	**2.0**		**0.88**	**2.0**	**µg/L**	1	6/12/2021 01:17
Benzo(b)fluoranthene	U		1.0	2.0	µg/L	1	6/12/2021 01:17
Benzo(g,h,i)perylene	U		1.8	2.0	µg/L	1	6/12/2021 01:17
Benzo(k)fluoranthene	U		0.96	2.0	µg/L	1	6/12/2021 01:17
Bis(2-chloroethoxy)methane	U		5.8	20	µg/L	1	6/12/2021 01:17
Bis(2-chloroethyl)ether	U		7.4	20	µg/L	1	6/12/2021 01:17
Bis(2-ethylhexyl)phthalate	U		8.0	20	µg/L	1	6/12/2021 01:17
Butyl benzyl phthalate	U		6.0	20	µg/L	1	6/12/2021 01:17
Caprolactam	U		19	100	µg/L	1	6/12/2021 01:17
Carbazole	U		4.8	20	µg/L	1	6/12/2021 01:17
Chrysene	U		0.96	2.0	µg/L	1	6/12/2021 01:17
Dibenzo(a,h)anthracene	U		1.5	2.0	µg/L	1	6/12/2021 01:17
Dibenzofuran	U		4.6	20	µg/L	1	6/12/2021 01:17
Diethyl phthalate	U		3.4	20	µg/L	1	6/12/2021 01:17
Dimethyl phthalate	U		3.6	20	µg/L	1	6/12/2021 01:17
Di-n-butyl phthalate	U		4.2	20	µg/L	1	6/12/2021 01:17
Di-n-octyl phthalate	U		11	20	µg/L	1	6/12/2021 01:17
Fluoranthene	**18**		**0.76**	**2.0**	**µg/L**	1	6/12/2021 01:17
Fluorene	U		1.0	2.0	µg/L	1	6/12/2021 01:17
Hexachlorobenzene	U		8.8	20	µg/L	1	6/12/2021 01:17
Hexachlorobutadiene	U		13	20	µg/L	1	6/12/2021 01:17
Hexachlorocyclopentadiene	U		22	100	µg/L	1	6/12/2021 01:17
Hexachloroethane	U		12	20	µg/L	1	6/12/2021 01:17
Indeno(1,2,3-cd)pyrene	U		1.3	2.0	µg/L	1	6/12/2021 01:17
Isophorone	U		6.8	100	µg/L	1	6/12/2021 01:17
Naphthalene	U		1.3	2.0	µg/L	1	6/12/2021 01:17
Nitrobenzene	U		5.2	20	µg/L	1	6/12/2021 01:17
N-Nitrosodi-n-propylamine	U		7.0	20	µg/L	1	6/12/2021 01:17
N-Nitrosodiphenylamine	U		9.8	20	µg/L	1	6/12/2021 01:17
Pentachlorophenol	U		19	100	µg/L	1	6/12/2021 01:17
Phenanthrene	**10**		**1.6**	**2.0**	**µg/L**	1	6/12/2021 01:17
Phenol	U		4.2	20	µg/L	1	6/12/2021 01:17
Pyrene	**10**		**0.72**	**2.0**	**µg/L**	1	6/12/2021 01:17
Surr: 2,4,6-Tribromophenol	*77.5*			*27-83*	*%REC*	1	6/12/2021 01:17
Surr: 2-Fluorobiphenyl	*64.8*			*26-79*	*%REC*	1	6/12/2021 01:17
Surr: 2-Fluorophenol	*53.8*			*13-56*	*%REC*	1	6/12/2021 01:17
Surr: 4-Terphenyl-d14	*89.4*			*43-106*	*%REC*	1	6/12/2021 01:17
Surr: Nitrobenzene-d5	*69.4*			*29-80*	*%REC*	1	6/12/2021 01:17
Surr: Phenol-d6	*38.1*	S		*10-35*	*%REC*	1	6/12/2021 01:17

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6
Collection Date: 6/3/2021 03:45 PM

Work Order: 21060688
Lab ID: 21060688-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/15/2021 22:09
Surr: Toluene-d8	*89.4*			*70-130*	*%REC*	1	6/15/2021 22:09
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:09
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/15/2021 22:09
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/15/2021 22:09
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/15/2021 22:09
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:09
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/15/2021 22:09
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/15/2021 22:09
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/15/2021 22:09
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/15/2021 22:09
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/15/2021 22:09
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/15/2021 22:09
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/15/2021 22:09
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/15/2021 22:09
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/15/2021 22:09
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:09
2-Butanone	**2.0**	J	**0.52**	**5.0**	**µg/L**	1	6/15/2021 22:09
2-Hexanone	U		0.59	5.0	µg/L	1	6/15/2021 22:09
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/15/2021 22:09
Acetone	**14**		**6.2**	**10**	**µg/L**	1	6/15/2021 22:09
Benzene	U		0.46	1.0	µg/L	1	6/15/2021 22:09
Bromochloromethane	U		0.45	1.0	µg/L	1	6/15/2021 22:09
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/15/2021 22:09
Bromoform	**0.58**	J	**0.56**	**1.0**	**µg/L**	1	6/15/2021 22:09
Bromomethane	U		0.90	1.0	µg/L	1	6/15/2021 22:09
Carbon disulfide	U		0.49	1.0	µg/L	1	6/15/2021 22:09
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/15/2021 22:09
Chlorobenzene	U		0.40	1.0	µg/L	1	6/15/2021 22:09
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 21:38
Chloroform	U		0.46	1.0	µg/L	1	6/15/2021 22:09
Chloromethane	U		0.83	1.0	µg/L	1	6/15/2021 22:09
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/15/2021 22:09
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/15/2021 22:09
Cyclohexane	U		0.63	2.0	µg/L	1	6/15/2021 22:09
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/15/2021 22:09
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/15/2021 22:09

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-B6
Collection Date: 6/3/2021 03:45 PM

Work Order: 21060688
Lab ID: 21060688-05
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Ethylbenzene	U		0.34	1.0	µg/L	1	6/15/2021 22:09
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/15/2021 22:09
m,p-Xylene	U		0.81	2.0	µg/L	1	6/15/2021 22:09
Methyl acetate	U		0.59	2.0	µg/L	1	6/15/2021 22:09
Methyl tert-butyl ether	**0.93**	J	**0.45**	**1.0**	**µg/L**	1	6/15/2021 22:09
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/15/2021 22:09
Methylene chloride	U		0.86	5.0	µg/L	1	6/15/2021 22:09
o-Xylene	U		0.31	1.0	µg/L	1	6/15/2021 22:09
Styrene	U		0.33	1.0	µg/L	1	6/15/2021 22:09
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/15/2021 22:09
Toluene	U		0.45	1.0	µg/L	1	6/15/2021 22:09
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/15/2021 22:09
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/15/2021 22:09
Trichloroethene	U		0.43	1.0	µg/L	1	6/15/2021 22:09
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/15/2021 22:09
Vinyl chloride	U		0.53	1.0	µg/L	1	6/15/2021 22:09
Surr: 1,2-Dichloroethane-d4	*104*			*75-120*	*%REC*	1	6/15/2021 22:09
Surr: 1,2-Dichloroethane-d4	*96.7*			*75-120*	*%REC*	1	6/16/2021 21:38
Surr: 4-Bromofluorobenzene	*96.2*			*80-110*	*%REC*	1	6/15/2021 22:09
Surr: 4-Bromofluorobenzene	*92.2*			*80-110*	*%REC*	1	6/16/2021 21:38
Surr: Dibromofluoromethane	*100*			*85-115*	*%REC*	1	6/15/2021 22:09
Surr: Dibromofluoromethane	*95.6*			*85-115*	*%REC*	1	6/16/2021 21:38
Surr: Toluene-d8	*102*			*85-110*	*%REC*	1	6/15/2021 22:09
Surr: Toluene-d8	*97.6*			*85-110*	*%REC*	1	6/16/2021 21:38

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-FB
Collection Date: 6/3/2021 02:20 PM

Work Order: 21060688
Lab ID: 21060688-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:47
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:54
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/17/2021 15:25
Barium	U		0.0043	0.0050	mg/L	1	6/17/2021 15:25
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 15:25
Chromium	U		0.00093	0.0050	mg/L	1	6/17/2021 15:25
Lead	U		0.0013	0.0050	mg/L	1	6/17/2021 15:25
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 15:25
Silver	U		0.0025	0.0050	mg/L	1	6/22/2021 01:18
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/17/2021 15:30
Barium	U		0.0043	0.0050	mg/L	1	6/17/2021 15:30
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 15:30
Chromium	U		0.00093	0.0050	mg/L	1	6/17/2021 15:30
Lead	U		0.0013	0.0050	mg/L	1	6/17/2021 15:30
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 15:30
Silver	U		0.0025	0.0050	mg/L	1	6/22/2021 01:23
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**0.13**	J	**0.013**	**1.0**	**mg/L**	1	6/17/2021 03:06
ORO (C21-C35)	**0.090**	J	**0.027**	**1.0**	**mg/L**	1	6/17/2021 03:06
Surr: 4-Terphenyl-d14	*62.6*			*23-120*	*%REC*	1	6/17/2021 03:06
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EE**
1,1`-Biphenyl	U		0.42	1.0	µg/L	1	6/22/2021 14:44
1,2,4,5-Tetrachlorobenzene	U		0.34	5.0	µg/L	1	6/22/2021 14:44
1,4-Dioxane	U		0.72	5.0	µg/L	1	6/22/2021 14:44
2,2`-Oxybis(1-chloropropane)	U		0.23	1.0	µg/L	1	6/22/2021 14:44
2,3,4,6-Tetrachlorophenol	U		0.45	1.0	µg/L	1	6/22/2021 14:44
2,4,5-Trichlorophenol	U		0.17	1.0	µg/L	1	6/22/2021 14:44
2,4,6-Trichlorophenol	U		0.25	1.0	µg/L	1	6/22/2021 14:44
2,4-Dichlorophenol	U		0.35	1.0	µg/L	1	6/22/2021 14:44
2,4-Dimethylphenol	U		0.36	1.0	µg/L	1	6/22/2021 14:44
2,4-Dinitrophenol	U		2.6	5.0	µg/L	1	6/22/2021 14:44
2,4-Dinitrotoluene	U		0.42	1.0	µg/L	1	6/22/2021 14:44

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-FB
Collection Date: 6/3/2021 02:20 PM

Work Order: 21060688
Lab ID: 21060688-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		0.33	1.0	µg/L	1	6/22/2021 14:44
2-Chloronaphthalene	U		0.075	0.10	µg/L	1	6/22/2021 14:44
2-Chlorophenol	U		0.23	1.0	µg/L	1	6/22/2021 14:44
2-Methylnaphthalene	U		0.065	0.10	µg/L	1	6/22/2021 14:44
2-Methylphenol	U		0.25	1.0	µg/L	1	6/22/2021 14:44
2-Nitroaniline	U		0.21	1.0	µg/L	1	6/22/2021 14:44
2-Nitrophenol	U		0.34	1.0	µg/L	1	6/22/2021 14:44
3&4-Methylphenol	U		0.21	1.0	µg/L	1	6/22/2021 14:44
3,3´-Dichlorobenzidine	U		0.46	5.0	µg/L	1	6/22/2021 14:44
3-Nitroaniline	U		0.64	1.0	µg/L	1	6/22/2021 14:44
4,6-Dinitro-2-methylphenol	U		0.27	1.0	µg/L	1	6/22/2021 14:44
4-Bromophenyl phenyl ether	U		0.33	1.0	µg/L	1	6/22/2021 14:44
4-Chloro-3-methylphenol	U		0.26	1.0	µg/L	1	6/22/2021 14:44
4-Chloroaniline	U		0.34	1.0	µg/L	1	6/22/2021 14:44
4-Chlorophenyl phenyl ether	U		0.31	1.0	µg/L	1	6/22/2021 14:44
4-Nitroaniline	U		0.57	1.0	µg/L	1	6/22/2021 14:44
4-Nitrophenol	U		0.24	5.0	µg/L	1	6/22/2021 14:44
Acenaphthene	U		0.081	0.10	µg/L	1	6/22/2021 14:44
Acenaphthylene	U		0.075	0.10	µg/L	1	6/22/2021 14:44
Acetophenone	U		0.37	1.0	µg/L	1	6/22/2021 14:44
Anthracene	U		0.028	0.10	µg/L	1	6/22/2021 14:44
Atrazine	U		0.35	1.0	µg/L	1	6/22/2021 14:44
Benzaldehyde	U		0.52	1.0	µg/L	1	6/22/2021 14:44
Benzo(a)anthracene	U		0.099	0.10	µg/L	1	6/22/2021 14:44
Benzo(a)pyrene	U		0.044	0.10	µg/L	1	6/22/2021 14:44
Benzo(b)fluoranthene	U		0.051	0.10	µg/L	1	6/22/2021 14:44
Benzo(g,h,i)perylene	U		0.089	0.10	µg/L	1	6/22/2021 14:44
Benzo(k)fluoranthene	U		0.048	0.10	µg/L	1	6/22/2021 14:44
Bis(2-chloroethoxy)methane	U		0.29	1.0	µg/L	1	6/22/2021 14:44
Bis(2-chloroethyl)ether	U		0.37	1.0	µg/L	1	6/22/2021 14:44
Bis(2-ethylhexyl)phthalate	U		0.40	1.0	µg/L	1	6/22/2021 14:44
Butyl benzyl phthalate	U		0.30	1.0	µg/L	1	6/22/2021 14:44
Caprolactam	U		0.96	5.0	µg/L	1	6/22/2021 14:44
Carbazole	U		0.24	1.0	µg/L	1	6/22/2021 14:44
Chrysene	U		0.048	0.10	µg/L	1	6/22/2021 14:44
Dibenzo(a,h)anthracene	U		0.073	0.10	µg/L	1	6/22/2021 14:44
Dibenzofuran	U		0.23	1.0	µg/L	1	6/22/2021 14:44
Diethyl phthalate	U		0.17	1.0	µg/L	1	6/22/2021 14:44
Dimethyl phthalate	U		0.18	1.0	µg/L	1	6/22/2021 14:44
Di-n-butyl phthalate	U		0.21	1.0	µg/L	1	6/22/2021 14:44

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-FB
Collection Date: 6/3/2021 02:20 PM

Work Order: 21060688
Lab ID: 21060688-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		0.53	1.0	µg/L	1	6/22/2021 14:44
Fluoranthene	U		0.038	0.10	µg/L	1	6/22/2021 14:44
Fluorene	U		0.051	0.10	µg/L	1	6/22/2021 14:44
Hexachlorobenzene	U		0.44	1.0	µg/L	1	6/22/2021 14:44
Hexachlorobutadiene	U		0.63	1.0	µg/L	1	6/22/2021 14:44
Hexachlorocyclopentadiene	U		1.1	5.0	µg/L	1	6/22/2021 14:44
Hexachloroethane	U		0.62	1.0	µg/L	1	6/22/2021 14:44
Indeno(1,2,3-cd)pyrene	U		0.067	0.10	µg/L	1	6/22/2021 14:44
Isophorone	U		0.34	5.0	µg/L	1	6/22/2021 14:44
Naphthalene	U		0.067	0.10	µg/L	1	6/22/2021 14:44
Nitrobenzene	U		0.26	1.0	µg/L	1	6/22/2021 14:44
N-Nitrosodi-n-propylamine	U		0.35	1.0	µg/L	1	6/22/2021 14:44
N-Nitrosodiphenylamine	U		0.49	1.0	µg/L	1	6/22/2021 14:44
Pentachlorophenol	U		0.97	5.0	µg/L	1	6/22/2021 14:44
Phenanthrene	U		0.081	0.10	µg/L	1	6/22/2021 14:44
Phenol	U		0.21	1.0	µg/L	1	6/22/2021 14:44
Pyrene	U		0.036	0.10	µg/L	1	6/22/2021 14:44
Surr: 2,4,6-Tribromophenol	*69.5*			*27-83*	*%REC*	1	6/22/2021 14:44
Surr: 2-Fluorobiphenyl	*64.8*			*26-79*	*%REC*	1	6/22/2021 14:44
Surr: 2-Fluorophenol	*46.2*			*13-56*	*%REC*	1	6/22/2021 14:44
Surr: 4-Terphenyl-d14	*81.0*			*43-106*	*%REC*	1	6/22/2021 14:44
Surr: Nitrobenzene-d5	*69.7*			*29-80*	*%REC*	1	6/22/2021 14:44
Surr: Phenol-d6	*31.3*			*10-35*	*%REC*	1	6/22/2021 14:44
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/16/2021 01:30
Surr: Toluene-d8	*87.6*			*70-130*	*%REC*	1	6/16/2021 01:30
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 01:30
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 01:30
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 01:30
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 01:30
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 01:30
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 01:30
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 01:30
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 01:30
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 01:30
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 01:30
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 01:30
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 01:30

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-FB
Collection Date: 6/3/2021 02:20 PM

Work Order: 21060688
Lab ID: 21060688-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 01:30
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 01:30
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 01:30
2-Butanone	**1.2**	J	**0.52**	**5.0**	**µg/L**	1	6/16/2021 01:30
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 01:30
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 01:30
Acetone	U		6.2	10	µg/L	1	6/16/2021 01:30
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 01:30
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 01:30
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 01:30
Bromoform	**1.8**		**0.56**	**1.0**	**µg/L**	1	6/16/2021 01:30
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 01:30
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 01:30
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 01:30
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 01:30
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 15:21
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 01:30
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 01:30
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 01:30
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 01:30
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 01:30
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 01:30
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 01:30
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 01:30
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 01:30
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 01:30
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 01:30
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 01:30
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 01:30
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 01:30
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 01:30
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 01:30
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 01:30
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 01:30
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 01:30
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 01:30
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 01:30
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 01:30
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 01:30
Surr: 1,2-Dichloroethane-d4	*103*			*75-120*	*%REC*	1	6/16/2021 01:30

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-FB
Collection Date: 6/3/2021 02:20 PM

Work Order: 21060688
Lab ID: 21060688-06
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*107*			*75-120*	*%REC*	1	6/16/2021 15:21
Surr: 4-Bromofluorobenzene	*96.9*			*80-110*	*%REC*	1	6/16/2021 01:30
Surr: 4-Bromofluorobenzene	*97.0*			*80-110*	*%REC*	1	6/16/2021 15:21
Surr: Dibromofluoromethane	*101*			*85-115*	*%REC*	1	6/16/2021 01:30
Surr: Dibromofluoromethane	*101*			*85-115*	*%REC*	1	6/16/2021 15:21
Surr: Toluene-d8	*99.2*			*85-110*	*%REC*	1	6/16/2021 01:30
Surr: Toluene-d8	*101*			*85-110*	*%REC*	1	6/16/2021 15:21

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-RN
Collection Date: 6/3/2021 01:35 PM

Work Order: 21060688
Lab ID: 21060688-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:56
MERCURY BY CVAA (DISSOLVED)		Method: **SW7470A**			Prep: SW7470 / 6/16/21		Analyst: **MTW**
Mercury	U		0.00016	0.00020	mg/L	1	6/16/2021 15:58
METALS ANALYSIS BY ICP		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/17/2021 15:35
Barium	U		0.0043	0.0050	mg/L	1	6/17/2021 15:35
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 15:35
Chromium	U		0.00093	0.0050	mg/L	1	6/17/2021 15:35
Lead	U		0.0013	0.0050	mg/L	1	6/17/2021 15:35
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 15:35
Silver	U		0.0025	0.0050	mg/L	1	6/22/2021 01:43
METALS ANALYSIS BY ICP (DISSOLVED)		Method: **SW6010D**			Prep: SW3015A / 6/16/21		Analyst: **ABL**
Arsenic	U		0.0016	0.0050	mg/L	1	6/17/2021 15:50
Barium	U		0.0043	0.0050	mg/L	1	6/17/2021 15:50
Cadmium	U		0.00078	0.010	mg/L	1	6/17/2021 15:50
Chromium	**0.0010**	J	**0.00093**	**0.0050**	**mg/L**	1	6/17/2021 15:50
Lead	U		0.0013	0.0050	mg/L	1	6/17/2021 15:50
Selenium	U		0.0032	0.010	mg/L	1	6/17/2021 15:50
Silver	U		0.0025	0.0050	mg/L	1	6/22/2021 01:48
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3510 / 6/10/21		Analyst: **EE**
DRO (C10-C21)	**0.11**	J	**0.013**	**1.0**	**mg/L**	1	6/17/2021 03:37
ORO (C21-C35)	**0.096**	J	**0.027**	**1.0**	**mg/L**	1	6/17/2021 03:37
Surr: 4-Terphenyl-d14	*51.5*			*23-120*	*%REC*	1	6/17/2021 03:37
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW846 8270D**			Prep: SW3510 / 6/10/21		Analyst: **EE**
1,1`-Biphenyl	U		0.42	1.0	µg/L	1	6/22/2021 15:06
1,2,4,5-Tetrachlorobenzene	U		0.34	5.0	µg/L	1	6/22/2021 15:06
1,4-Dioxane	U		0.72	5.0	µg/L	1	6/22/2021 15:06
2,2`-Oxybis(1-chloropropane)	U		0.23	1.0	µg/L	1	6/22/2021 15:06
2,3,4,6-Tetrachlorophenol	U		0.45	1.0	µg/L	1	6/22/2021 15:06
2,4,5-Trichlorophenol	U		0.17	1.0	µg/L	1	6/22/2021 15:06
2,4,6-Trichlorophenol	U		0.25	1.0	µg/L	1	6/22/2021 15:06
2,4-Dichlorophenol	U		0.35	1.0	µg/L	1	6/22/2021 15:06
2,4-Dimethylphenol	U		0.36	1.0	µg/L	1	6/22/2021 15:06
2,4-Dinitrophenol	U		2.6	5.0	µg/L	1	6/22/2021 15:06
2,4-Dinitrotoluene	U		0.42	1.0	µg/L	1	6/22/2021 15:06

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-RN
Collection Date: 6/3/2021 01:35 PM

Work Order: 21060688
Lab ID: 21060688-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2,6-Dinitrotoluene	U		0.33	1.0	µg/L	1	6/22/2021 15:06
2-Chloronaphthalene	U		0.075	0.10	µg/L	1	6/22/2021 15:06
2-Chlorophenol	U		0.23	1.0	µg/L	1	6/22/2021 15:06
2-Methylnaphthalene	U		0.065	0.10	µg/L	1	6/22/2021 15:06
2-Methylphenol	U		0.25	1.0	µg/L	1	6/22/2021 15:06
2-Nitroaniline	U		0.21	1.0	µg/L	1	6/22/2021 15:06
2-Nitrophenol	U		0.34	1.0	µg/L	1	6/22/2021 15:06
3&4-Methylphenol	U		0.21	1.0	µg/L	1	6/22/2021 15:06
3,3´-Dichlorobenzidine	U		0.46	5.0	µg/L	1	6/22/2021 15:06
3-Nitroaniline	U		0.64	1.0	µg/L	1	6/22/2021 15:06
4,6-Dinitro-2-methylphenol	U		0.27	1.0	µg/L	1	6/22/2021 15:06
4-Bromophenyl phenyl ether	U		0.33	1.0	µg/L	1	6/22/2021 15:06
4-Chloro-3-methylphenol	U		0.26	1.0	µg/L	1	6/22/2021 15:06
4-Chloroaniline	U		0.34	1.0	µg/L	1	6/22/2021 15:06
4-Chlorophenyl phenyl ether	U		0.31	1.0	µg/L	1	6/22/2021 15:06
4-Nitroaniline	U		0.57	1.0	µg/L	1	6/22/2021 15:06
4-Nitrophenol	U		0.24	5.0	µg/L	1	6/22/2021 15:06
Acenaphthene	U		0.081	0.10	µg/L	1	6/22/2021 15:06
Acenaphthylene	U		0.075	0.10	µg/L	1	6/22/2021 15:06
Acetophenone	U		0.37	1.0	µg/L	1	6/22/2021 15:06
Anthracene	U		0.028	0.10	µg/L	1	6/22/2021 15:06
Atrazine	U		0.35	1.0	µg/L	1	6/22/2021 15:06
Benzaldehyde	U		0.52	1.0	µg/L	1	6/22/2021 15:06
Benzo(a)anthracene	U		0.099	0.10	µg/L	1	6/22/2021 15:06
Benzo(a)pyrene	U		0.044	0.10	µg/L	1	6/22/2021 15:06
Benzo(b)fluoranthene	U		0.051	0.10	µg/L	1	6/22/2021 15:06
Benzo(g,h,i)perylene	U		0.089	0.10	µg/L	1	6/22/2021 15:06
Benzo(k)fluoranthene	U		0.048	0.10	µg/L	1	6/22/2021 15:06
Bis(2-chloroethoxy)methane	U		0.29	1.0	µg/L	1	6/22/2021 15:06
Bis(2-chloroethyl)ether	U		0.37	1.0	µg/L	1	6/22/2021 15:06
Bis(2-ethylhexyl)phthalate	U		0.40	1.0	µg/L	1	6/22/2021 15:06
Butyl benzyl phthalate	U		0.30	1.0	µg/L	1	6/22/2021 15:06
Caprolactam	U		0.96	5.0	µg/L	1	6/22/2021 15:06
Carbazole	U		0.24	1.0	µg/L	1	6/22/2021 15:06
Chrysene	U		0.048	0.10	µg/L	1	6/22/2021 15:06
Dibenzo(a,h)anthracene	U		0.073	0.10	µg/L	1	6/22/2021 15:06
Dibenzofuran	U		0.23	1.0	µg/L	1	6/22/2021 15:06
Diethyl phthalate	U		0.17	1.0	µg/L	1	6/22/2021 15:06
Dimethyl phthalate	U		0.18	1.0	µg/L	1	6/22/2021 15:06
Di-n-butyl phthalate	U		0.21	1.0	µg/L	1	6/22/2021 15:06

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-RN
Collection Date: 6/3/2021 01:35 PM

Work Order: 21060688
Lab ID: 21060688-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Di-n-octyl phthalate	U		0.53	1.0	µg/L	1	6/22/2021 15:06
Fluoranthene	U		0.038	0.10	µg/L	1	6/22/2021 15:06
Fluorene	U		0.051	0.10	µg/L	1	6/22/2021 15:06
Hexachlorobenzene	U		0.44	1.0	µg/L	1	6/22/2021 15:06
Hexachlorobutadiene	U		0.63	1.0	µg/L	1	6/22/2021 15:06
Hexachlorocyclopentadiene	U		1.1	5.0	µg/L	1	6/22/2021 15:06
Hexachloroethane	U		0.62	1.0	µg/L	1	6/22/2021 15:06
Indeno(1,2,3-cd)pyrene	U		0.067	0.10	µg/L	1	6/22/2021 15:06
Isophorone	U		0.34	5.0	µg/L	1	6/22/2021 15:06
Naphthalene	U		0.067	0.10	µg/L	1	6/22/2021 15:06
Nitrobenzene	U		0.26	1.0	µg/L	1	6/22/2021 15:06
N-Nitrosodi-n-propylamine	U		0.35	1.0	µg/L	1	6/22/2021 15:06
N-Nitrosodiphenylamine	U		0.49	1.0	µg/L	1	6/22/2021 15:06
Pentachlorophenol	U		0.97	5.0	µg/L	1	6/22/2021 15:06
Phenanthrene	U		0.081	0.10	µg/L	1	6/22/2021 15:06
Phenol	U		0.21	1.0	µg/L	1	6/22/2021 15:06
Pyrene	U		0.036	0.10	µg/L	1	6/22/2021 15:06
Surr: 2,4,6-Tribromophenol	*64.1*			*27-83*	*%REC*	1	6/22/2021 15:06
Surr: 2-Fluorobiphenyl	*58.2*			*26-79*	*%REC*	1	6/22/2021 15:06
Surr: 2-Fluorophenol	*38.5*			*13-56*	*%REC*	1	6/22/2021 15:06
Surr: 4-Terphenyl-d14	*72.5*			*43-106*	*%REC*	1	6/22/2021 15:06
Surr: Nitrobenzene-d5	*58.0*			*29-80*	*%REC*	1	6/22/2021 15:06
Surr: Phenol-d6	*26.8*			*10-35*	*%REC*	1	6/22/2021 15:06
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**					Analyst: **SJB**
GRO (C6-C10)	U		25	100	µg/L	1	6/16/2021 01:14
Surr: Toluene-d8	*87.8*			*70-130*	*%REC*	1	6/16/2021 01:14
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **SJB**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 01:14
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 01:14
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 01:14
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 01:14
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 01:14
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 01:14
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 01:14
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 01:14
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 01:14
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 01:14
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 01:14
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 01:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-RN
Collection Date: 6/3/2021 01:35 PM

Work Order: 21060688
Lab ID: 21060688-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 01:14
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 01:14
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 01:14
2-Butanone	**1.1**	J	**0.52**	**5.0**	**µg/L**	1	6/16/2021 01:14
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 01:14
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 01:14
Acetone	U		6.2	10	µg/L	1	6/16/2021 01:14
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 01:14
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 01:14
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 01:14
Bromoform	**1.6**		**0.56**	**1.0**	**µg/L**	1	6/16/2021 01:14
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 01:14
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 01:14
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 01:14
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 01:14
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 15:38
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 01:14
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 01:14
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 01:14
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 01:14
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 01:14
Dibromochloromethane	**0.94**	J	**0.40**	**1.0**	**µg/L**	1	6/16/2021 01:14
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 01:14
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 01:14
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 01:14
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 01:14
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 01:14
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 01:14
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 01:14
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 01:14
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 01:14
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 01:14
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 01:14
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 01:14
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 01:14
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 01:14
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 01:14
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 01:14
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 01:14
Surr: 1,2-Dichloroethane-d4	*103*			*75-120*	*%REC*	1	6/16/2021 01:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: 9844-RN
Collection Date: 6/3/2021 01:35 PM

Work Order: 21060688
Lab ID: 21060688-07
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*103*			*75-120*	*%REC*	1	6/16/2021 15:38
Surr: 4-Bromofluorobenzene	*98.2*			*80-110*	*%REC*	1	6/16/2021 01:14
Surr: 4-Bromofluorobenzene	*97.0*			*80-110*	*%REC*	1	6/16/2021 15:38
Surr: Dibromofluoromethane	*102*			*85-115*	*%REC*	1	6/16/2021 01:14
Surr: Dibromofluoromethane	*102*			*85-115*	*%REC*	1	6/16/2021 15:38
Surr: Toluene-d8	*102*			*85-110*	*%REC*	1	6/16/2021 01:14
Surr: Toluene-d8	*99.9*			*85-110*	*%REC*	1	6/16/2021 15:38

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 1
Collection Date: 6/3/2021

Work Order: 21060688
Lab ID: 21060688-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **DMC**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 15:32
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 15:32
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 15:32
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 15:32
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 15:32
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 15:32
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 15:32
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 15:32
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 15:32
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 15:32
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 15:32
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 15:32
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 15:32
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 15:32
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 15:32
2-Butanone	U		0.52	5.0	µg/L	1	6/16/2021 15:32
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 15:32
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 15:32
Acetone	U		6.2	10	µg/L	1	6/16/2021 15:32
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 15:32
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 15:32
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 15:32
Bromoform	**1.1**		**0.56**	**1.0**	**µg/L**	1	6/16/2021 15:32
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 15:32
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 15:32
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 15:32
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 15:32
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 15:32
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 15:32
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 15:32
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 15:32
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 15:32
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 15:32
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 15:32
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 15:32
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 15:32
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 15:32
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 15:32

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 1
Collection Date: 6/3/2021

Work Order: 21060688
Lab ID: 21060688-08
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 15:32
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 15:32
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 15:32
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 15:32
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 15:32
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 15:32
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 15:32
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 15:32
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 15:32
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 15:32
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 15:32
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 15:32
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 15:32
Surr: 1,2-Dichloroethane-d4	*98.7*			*75-120*	*%REC*	1	6/16/2021 15:32
Surr: 4-Bromofluorobenzene	*94.0*			*80-110*	*%REC*	1	6/16/2021 15:32
Surr: Dibromofluoromethane	*96.2*			*85-115*	*%REC*	1	6/16/2021 15:32
Surr: Toluene-d8	*99.0*			*85-110*	*%REC*	1	6/16/2021 15:32

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 2
Collection Date: 6/3/2021

Work Order: 21060688
Lab ID: 21060688-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **DMC**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 15:57
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 15:57
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 15:57
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 15:57
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 15:57
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 15:57
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 15:57
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 15:57
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 15:57
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 15:57
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 15:57
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 15:57
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 15:57
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 15:57
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 15:57
2-Butanone	U		0.52	5.0	µg/L	1	6/16/2021 15:57
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 15:57
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 15:57
Acetone	**15**		**6.2**	**10**	**µg/L**	1	6/16/2021 15:57
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 15:57
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 15:57
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 15:57
Bromoform	U		0.56	1.0	µg/L	1	6/16/2021 15:57
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 15:57
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 15:57
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 15:57
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 15:57
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 15:57
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 15:57
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 15:57
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 15:57
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 15:57
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 15:57
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 15:57
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 15:57
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 15:57
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 15:57
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 15:57

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 2
Collection Date: 6/3/2021

Work Order: 21060688
Lab ID: 21060688-09
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 15:57
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 15:57
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 15:57
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 15:57
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 15:57
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 15:57
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 15:57
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 15:57
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 15:57
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 15:57
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 15:57
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 15:57
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 15:57
Surr: 1,2-Dichloroethane-d4	*102*			*75-120*	*%REC*	1	6/16/2021 15:57
Surr: 4-Bromofluorobenzene	*96.7*			*80-110*	*%REC*	1	6/16/2021 15:57
Surr: Dibromofluoromethane	*97.8*			*85-115*	*%REC*	1	6/16/2021 15:57
Surr: Toluene-d8	*93.8*			*85-110*	*%REC*	1	6/16/2021 15:57

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 3
Collection Date: 6/3/2021

Work Order: 21060688
Lab ID: 21060688-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260C**					Analyst: **DMC**
1,1,1-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 16:21
1,1,2,2-Tetrachloroethane	U		0.40	1.0	µg/L	1	6/16/2021 16:21
1,1,2-Trichloroethane	U		0.46	1.0	µg/L	1	6/16/2021 16:21
1,1,2-Trichlorotrifluoroethane	U		0.52	1.0	µg/L	1	6/16/2021 16:21
1,1-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 16:21
1,1-Dichloroethene	U		0.40	1.0	µg/L	1	6/16/2021 16:21
1,2,3-Trichlorobenzene	U		0.42	1.0	µg/L	1	6/16/2021 16:21
1,2,4-Trichlorobenzene	U		0.45	1.0	µg/L	1	6/16/2021 16:21
1,2-Dibromo-3-chloropropane	U		0.43	1.0	µg/L	1	6/16/2021 16:21
1,2-Dibromoethane	U		0.41	1.0	µg/L	1	6/16/2021 16:21
1,2-Dichlorobenzene	U		0.32	1.0	µg/L	1	6/16/2021 16:21
1,2-Dichloroethane	U		0.44	1.0	µg/L	1	6/16/2021 16:21
1,2-Dichloropropane	U		0.48	1.0	µg/L	1	6/16/2021 16:21
1,3-Dichlorobenzene	U		0.33	1.0	µg/L	1	6/16/2021 16:21
1,4-Dichlorobenzene	U		0.35	1.0	µg/L	1	6/16/2021 16:21
2-Butanone	U		0.52	5.0	µg/L	1	6/16/2021 16:21
2-Hexanone	U		0.59	5.0	µg/L	1	6/16/2021 16:21
4-Methyl-2-pentanone	U		0.52	1.0	µg/L	1	6/16/2021 16:21
Acetone	**7.5**	J	**6.2**	**10**	**µg/L**	1	6/16/2021 16:21
Benzene	U		0.46	1.0	µg/L	1	6/16/2021 16:21
Bromochloromethane	U		0.45	1.0	µg/L	1	6/16/2021 16:21
Bromodichloromethane	U		0.49	1.0	µg/L	1	6/16/2021 16:21
Bromoform	U		0.56	1.0	µg/L	1	6/16/2021 16:21
Bromomethane	U		0.90	1.0	µg/L	1	6/16/2021 16:21
Carbon disulfide	U		0.49	1.0	µg/L	1	6/16/2021 16:21
Carbon tetrachloride	U		0.40	1.0	µg/L	1	6/16/2021 16:21
Chlorobenzene	U		0.40	1.0	µg/L	1	6/16/2021 16:21
Chloroethane	U		0.68	1.0	µg/L	1	6/16/2021 16:21
Chloroform	U		0.46	1.0	µg/L	1	6/16/2021 16:21
Chloromethane	U		0.83	1.0	µg/L	1	6/16/2021 16:21
cis-1,2-Dichloroethene	U		0.42	1.0	µg/L	1	6/16/2021 16:21
cis-1,3-Dichloropropene	U		0.57	1.0	µg/L	1	6/16/2021 16:21
Cyclohexane	U		0.63	2.0	µg/L	1	6/16/2021 16:21
Dibromochloromethane	U		0.40	1.0	µg/L	1	6/16/2021 16:21
Dichlorodifluoromethane	U		0.68	1.0	µg/L	1	6/16/2021 16:21
Ethylbenzene	U		0.34	1.0	µg/L	1	6/16/2021 16:21
Isopropylbenzene	U		0.35	1.0	µg/L	1	6/16/2021 16:21
m,p-Xylene	U		0.81	2.0	µg/L	1	6/16/2021 16:21

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *22-Jun-21*

Client: Tetra Tech
Project: Advance Auto Parts (103G65210190.06.03)
Sample ID: Trip Blank - 3
Collection Date: 6/3/2021

Work Order: 21060688
Lab ID: 21060688-10
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Methyl acetate	U		0.59	2.0	µg/L	1	6/16/2021 16:21
Methyl tert-butyl ether	U		0.45	1.0	µg/L	1	6/16/2021 16:21
Methylcyclohexane	U		0.35	1.0	µg/L	1	6/16/2021 16:21
Methylene chloride	U		0.86	5.0	µg/L	1	6/16/2021 16:21
o-Xylene	U		0.31	1.0	µg/L	1	6/16/2021 16:21
Styrene	U		0.33	1.0	µg/L	1	6/16/2021 16:21
Tetrachloroethene	U		0.39	1.0	µg/L	1	6/16/2021 16:21
Toluene	U		0.45	1.0	µg/L	1	6/16/2021 16:21
trans-1,2-Dichloroethene	U		0.48	1.0	µg/L	1	6/16/2021 16:21
trans-1,3-Dichloropropene	U		0.38	1.0	µg/L	1	6/16/2021 16:21
Trichloroethene	U		0.43	1.0	µg/L	1	6/16/2021 16:21
Trichlorofluoromethane	U		0.52	1.0	µg/L	1	6/16/2021 16:21
Vinyl chloride	U		0.53	1.0	µg/L	1	6/16/2021 16:21
Surr: 1,2-Dichloroethane-d4	*99.3*			*75-120*	*%REC*	1	6/16/2021 16:21
Surr: 4-Bromofluorobenzene	*93.8*			*80-110*	*%REC*	1	6/16/2021 16:21
Surr: Dibromofluoromethane	*99.8*			*85-115*	*%REC*	1	6/16/2021 16:21
Surr: Toluene-d8	*96.2*			*85-110*	*%REC*	1	6/16/2021 16:21

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 22-Jun-21

Client: Tetra Tech

QC BATCH REPORT

Work Order: 21060688

Project: Advance Auto Parts (103G65210190.06.03)

Batch ID: **178627** Instrument ID **HG4** Method: **SW7470A**

MBLK Sample ID: **MBLK-178627-178627** Units: **mg/L** Analysis Date: **6/16/2021 03:17 PM**

Client ID: Run ID: **HG4_210616A** SeqNo: **7493880** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00016	0.00020								

LCS Sample ID: **LCS-178627-178627** Units: **mg/L** Analysis Date: **6/16/2021 03:19 PM**

Client ID: Run ID: **HG4_210616A** SeqNo: **7493881** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.002205	0.00016	0.00020	0.002	0	110	80-120	0			

MS Sample ID: **21060688-03DMS** Units: **mg/L** Analysis Date: **6/16/2021 03:40 PM**

Client ID: **9844-B4** Run ID: **HG4_210616A** SeqNo: **7493899** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00168	0.00016	0.00020	0.002	0.00003	82.5	75-125	0			

MSD Sample ID: **21060688-03DMSD** Units: **mg/L** Analysis Date: **6/16/2021 03:42 PM**

Client ID: **9844-B4** Run ID: **HG4_210616A** SeqNo: **7493900** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.001695	0.00016	0.00020	0.002	0.00003	83.2	75-125	0.00168	0.889	20	

The following samples were analyzed in this batch:

21060688-01C	21060688-01D	21060688-02C
21060688-02D	21060688-03C	21060688-03D
21060688-04C	21060688-04D	21060688-06C
21060688-06D	21060688-07C	21060688-07D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178667** Instrument ID **ICP2** Method: **SW6010D**

MBLK Sample ID: **MBLK-178667-178667** Units: **mg/L** Analysis Date: **6/16/2021 08:30 PM**
Client ID: Run ID: **ICP2_210616B** SeqNo: **7494065** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.0016	0.0050								
Barium	U	0.0043	0.0050								
Cadmium	U	0.00078	0.010								
Chromium	U	0.00093	0.0050								
Lead	U	0.0013	0.0050								
Selenium	U	0.0032	0.010								

LCS Sample ID: **LCS-178667-178667** Units: **mg/L** Analysis Date: **6/16/2021 08:35 PM**
Client ID: Run ID: **ICP2_210616B** SeqNo: **7494066** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.09361	0.0016	0.0050	0.1	0	93.6	80-120	0			
Barium	0.1069	0.0043	0.0050	0.1	0	107	80-120	0			
Cadmium	0.09724	0.00078	0.010	0.1	0	97.2	80-120	0			
Chromium	0.1057	0.00093	0.0050	0.1	0	106	80-120	0			
Lead	0.1035	0.0013	0.0050	0.1	0	104	80-120	0			
Selenium	0.09361	0.0032	0.010	0.1	0	93.6	80-120	0			
Silver	0.1128	0.0025	0.0050	0.1	0	113	80-120	0			B

MS Sample ID: **21060688-01DMS** Units: **mg/L** Analysis Date: **6/17/2021 01:04 PM**
Client ID: **9844-B1** Run ID: **ICP2_210617A** SeqNo: **7498725** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1034	0.0016	0.0050	0.1	0.03377	69.6	75-125	0			S
Barium	0.268	0.0043	0.0050	0.1	1.579	-1310	75-125	0			SO
Cadmium	0.102	0.00078	0.010	0.1	0.0002937	102	75-125	0			
Chromium	0.1066	0.00093	0.0050	0.1	0.1381	-31.6	75-125	0			S
Lead	0.102	0.0013	0.0050	0.1	0.04785	54.1	75-125	0			S
Selenium	0.102	0.0032	0.010	0.1	0.0009504	101	75-125	0			
Silver	0.1176	0.0025	0.0050	0.1	0.001419	116	75-125	0			

MSD Sample ID: **21060688-01DMSD** Units: **mg/L** Analysis Date: **6/17/2021 01:09 PM**
Client ID: **9844-B1** Run ID: **ICP2_210617A** SeqNo: **7498726** Prep Date: **6/16/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1003	0.0016	0.0050	0.1	0.03377	66.6	75-125	0.1034	3.02	20	S
Barium	0.2648	0.0043	0.0050	0.1	1.579	-1310	75-125	0.268	1.23	20	SO
Cadmium	0.09977	0.00078	0.010	0.1	0.0002937	99.5	75-125	0.102	2.18	20	
Chromium	0.1045	0.00093	0.0050	0.1	0.1381	-33.6	75-125	0.1066	1.98	20	S
Lead	0.0979	0.0013	0.0050	0.1	0.04785	50	75-125	0.102	4.07	20	S
Selenium	0.1011	0.0032	0.010	0.1	0.0009504	100	75-125	0.102	0.867	20	
Silver	0.113	0.0025	0.0050	0.1	0.001419	112	75-125	0.1176	4.02	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178667** Instrument ID **ICP2** Method: **SW6010D**

The following samples were analyzed in this batch:

21060688-01C	21060688-01D	21060688-02C
21060688-02D	21060688-03C	21060688-03D
21060688-04C	21060688-04D	21060688-06C
21060688-06D	21060688-07C	21060688-07D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178921** Instrument ID **ICP2** Method: **SW6010D**

MBLK Sample ID: **MBLK-178921-178921** Units: **mg/L** Analysis Date: **6/21/2021 11:36 PM**
Client ID: Run ID: **ICP2_210621B** SeqNo: **7508552** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	U	0.0013	0.0050								
Silver	U	0.0025	0.0050								

LCS Sample ID: **LCS-178921-178921** Units: **mg/L** Analysis Date: **6/21/2021 11:41 PM**
Client ID: Run ID: **ICP2_210621B** SeqNo: **7508553** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.1012	0.0013	0.0050	0.1	0	101	80-120	0			
Silver	0.1045	0.0025	0.0050	0.1	0	104	80-120	0			

MS Sample ID: **21060687-06DMS** Units: **mg/L** Analysis Date: **6/22/2021 12:12 AM**
Client ID: Run ID: **ICP2_210621B** SeqNo: **7508559** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.1034	0.0013	0.0050	0.1	0.0002255	103	75-125	0			
Silver	0.1063	0.0025	0.0050	0.1	-0.0003036	107	75-125	0			

MSD Sample ID: **21060687-06DMSD** Units: **mg/L** Analysis Date: **6/22/2021 12:17 AM**
Client ID: Run ID: **ICP2_210621B** SeqNo: **7508560** Prep Date: **6/21/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.1005	0.0013	0.0050	0.1	0.0002255	100	75-125	0.1034	2.8	20	
Silver	0.1056	0.0025	0.0050	0.1	-0.0003036	106	75-125	0.1063	0.623	20	

The following samples were analyzed in this batch:

21060688-01C	21060688-01D	21060688-02C
21060688-02D	21060688-03C	21060688-03D
21060688-04C	21060688-04D	21060688-06C
21060688-06D	21060688-07C	21060688-07D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

MBLK	Sample ID: **SBLKW1-178293-178293a**				Units: **µg/L**			Analysis Date: **6/10/2021 07:04 PM**			
Client ID:		Run ID: **SVMS8_210610A**			SeqNo: **7483323**			Prep Date: **6/10/2021**		DF: **1**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	U	0.42	1.0								
1,2,4,5-Tetrachlorobenzene	U	0.34	5.0								
1,4-Dioxane	U	0.72	5.0								
2,2`-Oxybis(1-chloropropane)	U	0.23	1.0								
2,3,4,6-Tetrachlorophenol	U	0.45	1.0								
2,4,5-Trichlorophenol	U	0.17	1.0								
2,4,6-Trichlorophenol	U	0.25	1.0								
2,4-Dichlorophenol	U	0.35	1.0								
2,4-Dimethylphenol	U	0.36	1.0								
2,4-Dinitrophenol	U	2.6	5.0								
2,4-Dinitrotoluene	U	0.42	1.0								
2,6-Dinitrotoluene	U	0.33	1.0								
2-Chloronaphthalene	U	0.075	0.10								
2-Chlorophenol	U	0.23	1.0								
2-Methylnaphthalene	U	0.065	0.10								
2-Methylphenol	U	0.25	1.0								
2-Nitroaniline	U	0.21	1.0								
2-Nitrophenol	U	0.34	1.0								
3&4-Methylphenol	U	0.21	1.0								
3,3´-Dichlorobenzidine	U	0.46	5.0								
3-Nitroaniline	U	0.64	1.0								
4,6-Dinitro-2-methylphenol	U	0.27	1.0								
4-Bromophenyl phenyl ether	U	0.33	1.0								
4-Chloro-3-methylphenol	U	0.26	1.0								
4-Chloroaniline	U	0.34	1.0								
4-Chlorophenyl phenyl ether	U	0.31	1.0								
4-Nitroaniline	U	0.57	1.0								
4-Nitrophenol	U	0.24	5.0								
Acenaphthene	U	0.081	0.10								
Acenaphthylene	U	0.075	0.10								
Acetophenone	U	0.37	1.0								
Anthracene	U	0.028	0.10								
Atrazine	U	0.35	1.0								
Benzaldehyde	U	0.52	1.0								
Benzo(a)anthracene	U	0.099	0.10								
Benzo(a)pyrene	U	0.044	0.10								
Benzo(b)fluoranthene	U	0.051	0.10								
Benzo(g,h,i)perylene	U	0.089	0.10								
Benzo(k)fluoranthene	U	0.048	0.10								
Bis(2-chloroethoxy)methane	U	0.29	1.0								
Bis(2-chloroethyl)ether	U	0.37	1.0								
Bis(2-ethylhexyl)phthalate	U	0.4	1.0								
Butyl benzyl phthalate	U	0.3	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

Caprolactam	U	0.96	5.0					
Carbazole	U	0.24	1.0					
Chrysene	U	0.048	0.10					
Dibenzo(a,h)anthracene	U	0.073	0.10					
Dibenzofuran	U	0.23	1.0					
Diethyl phthalate	U	0.17	1.0					
Dimethyl phthalate	U	0.18	1.0					
Di-n-butyl phthalate	U	0.21	1.0					
Di-n-octyl phthalate	U	0.53	1.0					
Fluoranthene	U	0.038	0.10					
Fluorene	U	0.051	0.10					
Hexachlorobenzene	U	0.44	1.0					
Hexachlorobutadiene	U	0.63	1.0					
Hexachlorocyclopentadiene	U	1.1	5.0					
Hexachloroethane	U	0.62	1.0					
Indeno(1,2,3-cd)pyrene	U	0.067	0.10					
Isophorone	U	0.34	5.0					
Naphthalene	U	0.067	0.10					
Nitrobenzene	U	0.26	1.0					
N-Nitrosodi-n-propylamine	U	0.35	1.0					
N-Nitrosodiphenylamine	U	0.49	1.0					
Pentachlorophenol	U	0.97	5.0					
Phenanthrene	U	0.081	0.10					
Phenol	U	0.21	1.0					
Pyrene	U	0.036	0.10					
Surr: 2,4,6-Tribromophenol	*40.38*	0	0	*50*	0	*80.8*	*27-83*	0
Surr: 2-Fluorobiphenyl	*33.39*	0	0	*50*	0	*66.8*	*26-79*	0
Surr: 2-Fluorophenol	*22.34*	0	0	*50*	0	*44.7*	*13-56*	0
Surr: 4-Terphenyl-d14	*47.87*	0	0	*50*	0	*95.7*	*43-106*	0
Surr: Nitrobenzene-d5	*34.52*	0	0	*50*	0	*69*	*29-80*	0
Surr: Phenol-d6	*13.88*	0	0	*50*	0	*27.8*	*10-35*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

LCS	Sample ID: **SLCSW1-178293-178293a**				Units: **µg/L**			Analysis Date: **6/10/2021 07:26 PM**			
Client ID:		Run ID: **SVMS8_210610A**			SeqNo: **7483324**			Prep Date: **6/10/2021**		DF: **1**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	11.85	0.42	1.0	20	0	59.2	40-85	0			
1,2,4,5-Tetrachlorobenzene	11.71	0.34	5.0	20	0	58.6	34-82	0			
2,2`-Oxybis(1-chloropropane)	11.45	0.23	1.0	20	0	57.2	33-83	0			
2,3,4,6-Tetrachlorophenol	13.55	0.45	1.0	20	0	67.8	43-104	0			
2,4,5-Trichlorophenol	13.81	0.17	1.0	20	0	69	47-84	0			
2,4,6-Trichlorophenol	13.91	0.25	1.0	20	0	69.6	45-83	0			
2,4-Dichlorophenol	13.92	0.35	1.0	20	0	69.6	39-84	0			
2,4-Dimethylphenol	12.73	0.36	1.0	20	0	63.6	34-79	0			
2,4-Dinitrophenol	13.5	2.6	5.0	20	0	67.5	11-117	0			
2,4-Dinitrotoluene	13.59	0.42	1.0	20	0	68	54-93	0			
2,6-Dinitrotoluene	13.91	0.33	1.0	20	0	69.6	51-90	0			
2-Chloronaphthalene	11.23	0.075	0.10	20	0	56.2	37-84	0			
2-Chlorophenol	13.13	0.23	1.0	20	0	65.6	38-83	0			
2-Methylnaphthalene	10.81	0.065	0.10	20	0	54	33-85	0			
2-Methylphenol	12.3	0.25	1.0	20	0	61.5	29-76	0			
2-Nitroaniline	12.63	0.21	1.0	20	0	63.2	45-94	0			
2-Nitrophenol	13.57	0.34	1.0	20	0	67.8	41-84	0			
3&4-Methylphenol	11.04	0.21	1.0	20	0	55.2	24-70	0			
3,3´-Dichlorobenzidine	12.03	0.46	5.0	20	0	60.2	39-96	0			
3-Nitroaniline	14.18	0.64	1.0	20	0	70.9	50-93	0			
4,6-Dinitro-2-methylphenol	14.72	0.27	1.0	20	0	73.6	23-116	0			
4-Bromophenyl phenyl ether	14.85	0.33	1.0	20	0	74.2	51-93	0			
4-Chloro-3-methylphenol	13.57	0.26	1.0	20	0	67.8	41-86	0			
4-Chloroaniline	14.35	0.34	1.0	20	0	71.8	44-92	0			
4-Chlorophenyl phenyl ether	13.39	0.31	1.0	20	0	67	49-89	0			
4-Nitroaniline	13.17	0.57	1.0	20	0	65.8	47-98	0			
4-Nitrophenol	6.47	0.24	5.0	20	0	32.4	10-43	0			
Acenaphthene	12.29	0.081	0.10	20	0	61.4	42-85	0			
Acenaphthylene	11.6	0.075	0.10	20	0	58	42-88	0			
Acetophenone	12.87	0.37	1.0	20	0	64.4	39-91	0			
Anthracene	13.94	0.028	0.10	20	0	69.7	55-93	0			
Atrazine	13.53	0.35	1.0	20	0	67.6	52-100	0			
Benzaldehyde	12.49	0.52	1.0	20	0	62.4	42-110	0			
Benzo(a)anthracene	13.64	0.099	0.10	20	0	68.2	56-91	0			
Benzo(a)pyrene	13.49	0.044	0.10	20	0	67.4	55-96	0			
Benzo(b)fluoranthene	13.9	0.051	0.10	20	0	69.5	55-99	0			
Benzo(g,h,i)perylene	13.13	0.089	0.10	20	0	65.6	44-102	0			
Benzo(k)fluoranthene	14.34	0.048	0.10	20	0	71.7	57-96	0			
Bis(2-chloroethoxy)methane	13.76	0.29	1.0	20	0	68.8	39-88	0			
Bis(2-chloroethyl)ether	13.3	0.37	1.0	20	0	66.5	36-91	0			
Bis(2-ethylhexyl)phthalate	14.33	0.4	1.0	20	0	71.6	39-113	0			
Butyl benzyl phthalate	13.39	0.3	1.0	20	0	67	49-97	0			
Carbazole	13.25	0.24	1.0	20	0	66.2	59-92	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

Chrysene	13.83	0.048	0.10	20	0	69.2	55-92	0
Dibenzo(a,h)anthracene	13.16	0.073	0.10	20	0	65.8	47-100	0
Dibenzofuran	12.77	0.23	1.0	20	0	63.8	44-89	0
Diethyl phthalate	13.68	0.17	1.0	20	0	68.4	54-95	0
Dimethyl phthalate	13.59	0.18	1.0	20	0	68	51-92	0
Di-n-butyl phthalate	14.15	0.21	1.0	20	0	70.8	57-98	0
Di-n-octyl phthalate	14.24	0.53	1.0	20	0	71.2	36-117	0
Fluoranthene	13.41	0.038	0.10	20	0	67	59-93	0
Fluorene	12.94	0.051	0.10	20	0	64.7	47-91	0
Hexachlorobenzene	14.02	0.44	1.0	20	0	70.1	53-89	0
Hexachlorobutadiene	12.16	0.63	1.0	20	0	60.8	11-83	0
Hexachlorocyclopentadiene	10.65	1.1	5.0	20	0	53.2	14-75	0
Hexachloroethane	8.81	0.62	1.0	20	0	44	10-85	0
Indeno(1,2,3-cd)pyrene	12.82	0.067	0.10	20	0	64.1	46-102	0
Isophorone	12.85	0.34	5.0	20	0	64.2	42-90	0
Naphthalene	10.75	0.067	0.10	20	0	53.8	26-78	0
Nitrobenzene	12.9	0.26	1.0	20	0	64.5	38-86	0
N-Nitrosodi-n-propylamine	13.07	0.35	1.0	20	0	65.4	39-95	0
N-Nitrosodiphenylamine	13.97	0.49	1.0	20	0	69.8	47-94	0
Pentachlorophenol	11.91	0.97	5.0	20	0	59.6	37-94	0
Phenanthrene	13.85	0.081	0.10	20	0	69.2	51-90	0
Phenol	6.32	0.21	1.0	20	0	31.6	10-40	0
Pyrene	15.13	0.036	0.10	20	0	75.6	48-98	0
Surr: 2,4,6-Tribromophenol	*37.73*	0	0	*50*	0	*75.5*	*27-83*	0
Surr: 2-Fluorobiphenyl	*29.25*	0	0	*50*	0	*58.5*	*26-79*	0
Surr: 2-Fluorophenol	*20.91*	0	0	*50*	0	*41.8*	*13-56*	0
Surr: 4-Terphenyl-d14	*39.65*	0	0	*50*	0	*79.3*	*43-106*	0
Surr: Nitrobenzene-d5	*31.23*	0	0	*50*	0	*62.5*	*29-80*	0
Surr: Phenol-d6	*13.44*	0	0	*50*	0	*26.9*	*10-35*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

MS	Sample ID: **21050375-01A MS**				Units: **µg/L**			Analysis Date: **6/10/2021 07:48 PM**			
Client ID:		Run ID: **SVMS8_210610A**			SeqNo: **7483325**		Prep Date: **6/10/2021**		DF: **1**		
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	161.8	8.4	20	400	0	40.4	40-85	0			
1,2,4,5-Tetrachlorobenzene	115	6.8	100	400	0	28.8	34-82	0			S
2,2`-Oxybis(1-chloropropane)	220.6	4.6	20	400	0	55.2	33-83	0			
2,3,4,6-Tetrachlorophenol	289.8	9	20	400	0	72.4	43-104	0			
2,4,5-Trichlorophenol	305.4	3.4	20	400	0	76.4	47-84	0			
2,4,6-Trichlorophenol	303.4	5	20	400	0	75.8	45-83	0			
2,4-Dichlorophenol	295.4	7	20	400	0	73.8	39-84	0			
2,4-Dimethylphenol	270.2	7.2	20	400	0	67.6	34-79	0			
2,4-Dinitrophenol	324.6	52	100	400	0	81.2	11-117	0			
2,4-Dinitrotoluene	290	8.4	20	400	0	72.5	54-93	0			
2,6-Dinitrotoluene	294.4	6.6	20	400	0	73.6	51-90	0			
2-Chloronaphthalene	151.6	1.5	2.0	400	0	37.9	37-84	0			
2-Chlorophenol	281.6	4.6	20	400	0	70.4	38-83	0			
2-Methylnaphthalene	129.2	1.3	2.0	400	0	32.3	33-85	0			S
2-Methylphenol	261	5	20	400	0	65.2	29-76	0			
2-Nitroaniline	278.8	4.2	20	400	0	69.7	45-94	0			
2-Nitrophenol	298.8	6.8	20	400	0	74.7	41-84	0			
3&4-Methylphenol	231.6	4.2	20	400	0	57.9	24-70	0			
3,3´-Dichlorobenzidine	273.2	9.2	100	400	0	68.3	39-96	0			
3-Nitroaniline	255.4	13	20	400	0	63.8	50-93	0			
4,6-Dinitro-2-methylphenol	345.8	5.4	20	400	0	86.4	23-116	0			
4-Bromophenyl phenyl ether	320.4	6.6	20	400	0	80.1	51-93	0			
4-Chloro-3-methylphenol	282.4	5.2	20	400	0	70.6	41-86	0			
4-Chloroaniline	261.2	6.8	20	400	0	65.3	44-92	0			
4-Chlorophenyl phenyl ether	250.8	6.2	20	400	0	62.7	49-89	0			
4-Nitroaniline	231.6	11	20	400	0	57.9	47-98	0			
4-Nitrophenol	102.6	4.8	100	400	0	25.6	10-43	0			
Acenaphthene	206.6	1.6	2.0	400	0	51.6	42-85	0			
Acenaphthylene	199.6	1.5	2.0	400	0	49.9	42-88	0			
Acetophenone	277.2	7.4	20	400	0	69.3	39-91	0			
Anthracene	310.8	0.56	2.0	400	0	77.7	55-93	0			
Atrazine	286.8	7	20	400	0	71.7	52-100	0			
Benzaldehyde	193.4	10	20	400	0	48.4	42-110	0			
Benzo(a)anthracene	312.4	2	2.0	400	0	78.1	56-91	0			
Benzo(a)pyrene	310.6	0.88	2.0	400	0	77.6	55-96	0			
Benzo(b)fluoranthene	323	1	2.0	400	0	80.8	55-99	0			
Benzo(g,h,i)perylene	301.6	1.8	2.0	400	0	75.4	44-102	0			
Benzo(k)fluoranthene	326.6	0.96	2.0	400	0	81.6	57-96	0			
Bis(2-chloroethoxy)methane	289.8	5.8	20	400	0	72.4	39-88	0			
Bis(2-chloroethyl)ether	318.2	7.4	20	400	0	79.6	36-91	0			
Bis(2-ethylhexyl)phthalate	338.4	8	20	400	0	84.6	39-113	0			
Butyl benzyl phthalate	330.8	6	20	400	0	82.7	49-97	0			
Carbazole	290	4.8	20	400	0	72.5	59-92	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

Chrysene	316	0.96	2.0	400	0	79	55-92	0	
Dibenzo(a,h)anthracene	301.2	1.5	2.0	400	0	75.3	47-100	0	
Dibenzofuran	228.2	4.6	20	400	0	57	44-89	0	
Diethyl phthalate	296	3.4	20	400	0	74	54-95	0	
Dimethyl phthalate	297	3.6	20	400	0	74.2	51-92	0	
Di-n-butyl phthalate	318.4	4.2	20	400	0	79.6	57-98	0	
Di-n-octyl phthalate	343.2	11	20	400	0	85.8	36-117	0	
Fluoranthene	286.6	0.76	2.0	400	0	71.6	59-93	0	
Fluorene	250.8	1	2.0	400	0	62.7	47-91	0	
Hexachlorobenzene	325.4	8.8	20	400	0	81.4	53-89	0	
Hexachlorobutadiene	75.2	13	20	400	0	18.8	11-83	0	
Hexachlorocyclopentadiene	66.6	22	100	400	0	16.6	14-75	0	J
Hexachloroethane	62.8	12	20	400	0	15.7	10-85	0	
Indeno(1,2,3-cd)pyrene	292.2	1.3	2.0	400	0	73	46-102	0	
Isophorone	274.8	6.8	100	400	0	68.7	42-90	0	
Naphthalene	151	1.3	2.0	400	0	37.8	26-78	0	
Nitrobenzene	265.8	5.2	20	400	0	66.4	38-86	0	
N-Nitrosodi-n-propylamine	279.2	7	20	400	0	69.8	39-95	0	
N-Nitrosodiphenylamine	323	9.8	20	400	0	80.8	47-94	0	
Pentachlorophenol	310.6	19	100	400	0	77.6	37-94	0	
Phenanthrene	307.2	1.6	2.0	400	0	76.8	51-90	0	
Phenol	126.6	4.2	20	400	0	31.6	10-40	0	
Pyrene	366.4	0.72	2.0	400	0	91.6	48-98	0	
Surr: 2,4,6-Tribromophenol	*866.4*	0	0	*1000*	0	*86.6*	*27-83*	0	*S*
Surr: 2-Fluorobiphenyl	*602*	0	0	*1000*	0	*60.2*	*26-79*	0	
Surr: 2-Fluorophenol	*444.4*	0	0	*1000*	0	*44.4*	*13-56*	0	
Surr: 4-Terphenyl-d14	*920.2*	0	0	*1000*	0	*92*	*43-106*	0	
Surr: Nitrobenzene-d5	*656.2*	0	0	*1000*	0	*65.6*	*29-80*	0	
Surr: Phenol-d6	*282*	0	0	*1000*	0	*28.2*	*10-35*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

MSD Sample ID: **21050375-01A MSD** Units: **µg/L** Analysis Date: **6/10/2021 08:10 PM**
Client ID: Run ID: **SVMS8_210610A** SeqNo: **7483326** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	172.6	8.4	20	400	0	43.2	40-85	161.8	6.46	30	
1,2,4,5-Tetrachlorobenzene	122.8	6.8	100	400	0	30.7	34-82	115	6.56	30	S
2,2`-Oxybis(1-chloropropane)	224	4.6	20	400	0	56	33-83	220.6	1.53	30	
2,3,4,6-Tetrachlorophenol	276.4	9	20	400	0	69.1	43-104	289.8	4.73	30	
2,4,5-Trichlorophenol	304.6	3.4	20	400	0	76.2	47-84	305.4	0.262	30	
2,4,6-Trichlorophenol	296.2	5	20	400	0	74	45-83	303.4	2.4	30	
2,4-Dichlorophenol	281.6	7	20	400	0	70.4	39-84	295.4	4.78	30	
2,4-Dimethylphenol	244	7.2	20	400	0	61	34-79	270.2	10.2	30	
2,4-Dinitrophenol	317.6	52	100	400	0	79.4	11-117	324.6	2.18	30	
2,4-Dinitrotoluene	288.4	8.4	20	400	0	72.1	54-93	290	0.553	30	
2,6-Dinitrotoluene	293.6	6.6	20	400	0	73.4	51-90	294.4	0.272	30	
2-Chloronaphthalene	166.4	1.5	2.0	400	0	41.6	37-84	151.6	9.31	30	
2-Chlorophenol	270.6	4.6	20	400	0	67.6	38-83	281.6	3.98	30	
2-Methylnaphthalene	132.4	1.3	2.0	400	0	33.1	33-85	129.2	2.45	30	
2-Methylphenol	250.8	5	20	400	0	62.7	29-76	261	3.99	30	
2-Nitroaniline	277.4	4.2	20	400	0	69.4	45-94	278.8	0.503	30	
2-Nitrophenol	285.6	6.8	20	400	0	71.4	41-84	298.8	4.52	30	
3&4-Methylphenol	219.2	4.2	20	400	0	54.8	24-70	231.6	5.5	30	
3,3´-Dichlorobenzidine	258	9.2	100	400	0	64.5	39-96	273.2	5.72	30	
3-Nitroaniline	255.4	13	20	400	0	63.8	50-93	255.4	0	30	
4,6-Dinitro-2-methylphenol	322	5.4	20	400	0	80.5	23-116	345.8	7.13	30	
4-Bromophenyl phenyl ether	314	6.6	20	400	0	78.5	51-93	320.4	2.02	30	
4-Chloro-3-methylphenol	269	5.2	20	400	0	67.2	41-86	282.4	4.86	30	
4-Chloroaniline	213.8	6.8	20	400	0	53.4	44-92	261.2	20	30	
4-Chlorophenyl phenyl ether	263.8	6.2	20	400	0	66	49-89	250.8	5.05	30	
4-Nitroaniline	250.2	11	20	400	0	62.6	47-98	231.6	7.72	30	
4-Nitrophenol	118	4.8	100	400	0	29.5	10-43	102.6	14	30	
Acenaphthene	224.2	1.6	2.0	400	0	56	42-85	206.6	8.17	30	
Acenaphthylene	216	1.5	2.0	400	0	54	42-88	199.6	7.89	30	
Acetophenone	263.8	7.4	20	400	0	66	39-91	277.2	4.95	30	
Anthracene	305.2	0.56	2.0	400	0	76.3	55-93	310.8	1.82	30	
Atrazine	289.8	7	20	400	0	72.4	52-100	286.8	1.04	30	
Benzaldehyde	223.8	10	20	400	0	56	42-110	193.4	14.6	30	
Benzo(a)anthracene	299	2	2.0	400	0	74.8	56-91	312.4	4.38	30	
Benzo(a)pyrene	296.6	0.88	2.0	400	0	74.2	55-96	310.6	4.61	30	
Benzo(b)fluoranthene	307.4	1	2.0	400	0	76.8	55-99	323	4.95	30	
Benzo(g,h,i)perylene	300.6	1.8	2.0	400	0	75.2	44-102	301.6	0.332	30	
Benzo(k)fluoranthene	311.4	0.96	2.0	400	0	77.8	57-96	326.6	4.76	30	
Bis(2-chloroethoxy)methane	272.6	5.8	20	400	0	68.2	39-88	289.8	6.12	30	
Bis(2-chloroethyl)ether	293.4	7.4	20	400	0	73.4	36-91	318.2	8.11	30	
Bis(2-ethylhexyl)phthalate	316.6	8	20	400	0	79.2	39-113	338.4	6.66	30	
Butyl benzyl phthalate	297.2	6	20	400	0	74.3	49-97	330.8	10.7	30	
Carbazole	289.8	4.8	20	400	0	72.4	59-92	290	0.069	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178293a** Instrument ID **SVMS8** Method: **SW846 8270D**

Chrysene	305.2	0.96	2.0	400	0	76.3	55-92	316	3.48	30	
Dibenzo(a,h)anthracene	298.2	1.5	2.0	400	0	74.6	47-100	301.2	1	30	
Dibenzofuran	245.8	4.6	20	400	0	61.4	44-89	228.2	7.43	30	
Diethyl phthalate	292.4	3.4	20	400	0	73.1	54-95	296	1.22	30	
Dimethyl phthalate	299	3.6	20	400	0	74.8	51-92	297	0.671	30	
Di-n-butyl phthalate	313.6	4.2	20	400	0	78.4	57-98	318.4	1.52	30	
Di-n-octyl phthalate	311	11	20	400	0	77.8	36-117	343.2	9.84	30	
Fluoranthene	294	0.76	2.0	400	0	73.5	59-93	286.6	2.55	30	
Fluorene	261	1	2.0	400	0	65.2	47-91	250.8	3.99	30	
Hexachlorobenzene	314.4	8.8	20	400	0	78.6	53-89	325.4	3.44	30	
Hexachlorobutadiene	64.8	13	20	400	0	16.2	11-83	75.2	14.9	30	
Hexachlorocyclopentadiene	64	22	100	400	0	16	14-75	66.6	0	30	J
Hexachloroethane	56.8	12	20	400	0	14.2	10-85	62.8	10	30	
Indeno(1,2,3-cd)pyrene	292.4	1.3	2.0	400	0	73.1	46-102	292.2	0.0684	30	
Isophorone	261	6.8	100	400	0	65.2	42-90	274.8	5.15	30	
Naphthalene	151.6	1.3	2.0	400	0	37.9	26-78	151	0.397	30	
Nitrobenzene	262.6	5.2	20	400	0	65.6	38-86	265.8	1.21	30	
N-Nitrosodi-n-propylamine	267.2	7	20	400	0	66.8	39-95	279.2	4.39	30	
N-Nitrosodiphenylamine	306.2	9.8	20	400	0	76.6	47-94	323	5.34	30	
Pentachlorophenol	289.2	19	100	400	0	72.3	37-94	310.6	7.14	30	
Phenanthrene	301.4	1.6	2.0	400	0	75.4	51-90	307.2	1.91	30	
Phenol	128.6	4.2	20	400	0	32.2	10-40	126.6	1.57	30	
Pyrene	328.2	0.72	2.0	400	0	82	48-98	366.4	11	30	
Surr: 2,4,6-Tribromophenol	*819.4*	0	0	*1000*	0	*81.9*	*27-83*	866.4	*5.58*	*40*	
Surr: 2-Fluorobiphenyl	*627.2*	0	0	*1000*	0	*62.7*	*26-79*	602	*4.1*	*40*	
Surr: 2-Fluorophenol	*450.2*	0	0	*1000*	0	*45*	*13-56*	444.4	*1.3*	*40*	
Surr: 4-Terphenyl-d14	*834.6*	0	0	*1000*	0	*83.5*	*43-106*	920.2	*9.76*	*40*	
Surr: Nitrobenzene-d5	*656.6*	0	0	*1000*	0	*65.7*	*29-80*	656.2	*0.0609*	*40*	
Surr: Phenol-d6	*286.8*	0	0	*1000*	0	*28.7*	*10-35*	282	*1.69*	*40*	

The following samples were analyzed in this batch: 21060688-03B 21060688-04B 21060688-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

MBLK Sample ID: **SBLKW1-178295-178295** Units: **µg/L** Analysis Date: **6/18/2021 11:33 AM**
Client ID: Run ID: **SVMS9_210618A** SeqNo: **7506276** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	U	0.42	1.0								
1,2,4,5-Tetrachlorobenzene	U	0.34	5.0								
1,4-Dioxane	U	0.72	5.0								
2,2`-Oxybis(1-chloropropane)	U	0.23	1.0								
2,3,4,6-Tetrachlorophenol	U	0.45	1.0								
2,4,5-Trichlorophenol	U	0.17	1.0								
2,4,6-Trichlorophenol	U	0.25	1.0								
2,4-Dichlorophenol	U	0.35	1.0								
2,4-Dimethylphenol	U	0.36	1.0								
2,4-Dinitrophenol	U	2.6	5.0								
2,4-Dinitrotoluene	U	0.42	1.0								
2,6-Dinitrotoluene	U	0.33	1.0								
2-Chloronaphthalene	U	0.075	0.10								
2-Chlorophenol	U	0.23	1.0								
2-Methylnaphthalene	U	0.065	0.10								
2-Methylphenol	U	0.25	1.0								
2-Nitroaniline	U	0.21	1.0								
2-Nitrophenol	U	0.34	1.0								
3&4-Methylphenol	U	0.21	1.0								
3,3´-Dichlorobenzidine	U	0.46	5.0								
3-Nitroaniline	U	0.64	1.0								
4,6-Dinitro-2-methylphenol	U	0.27	1.0								
4-Bromophenyl phenyl ether	U	0.33	1.0								
4-Chloro-3-methylphenol	U	0.26	1.0								
4-Chloroaniline	U	0.34	1.0								
4-Chlorophenyl phenyl ether	U	0.31	1.0								
4-Nitroaniline	U	0.57	1.0								
4-Nitrophenol	U	0.24	5.0								
Acenaphthene	U	0.081	0.10								
Acenaphthylene	U	0.075	0.10								
Acetophenone	U	0.37	1.0								
Anthracene	U	0.028	0.10								
Atrazine	U	0.35	1.0								
Benzaldehyde	U	0.52	1.0								
Benzo(a)anthracene	U	0.099	0.10								
Benzo(a)pyrene	U	0.044	0.10								
Benzo(b)fluoranthene	U	0.051	0.10								
Benzo(g,h,i)perylene	U	0.089	0.10								
Benzo(k)fluoranthene	U	0.048	0.10								
Bis(2-chloroethoxy)methane	U	0.29	1.0								
Bis(2-chloroethyl)ether	U	0.37	1.0								
Bis(2-ethylhexyl)phthalate	U	0.4	1.0								
Butyl benzyl phthalate	U	0.3	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

Caprolactam	U	0.96	5.0					
Carbazole	U	0.24	1.0					
Chrysene	U	0.048	0.10					
Dibenzo(a,h)anthracene	U	0.073	0.10					
Dibenzofuran	U	0.23	1.0					
Diethyl phthalate	U	0.17	1.0					
Dimethyl phthalate	U	0.18	1.0					
Di-n-butyl phthalate	U	0.21	1.0					
Di-n-octyl phthalate	U	0.53	1.0					
Fluoranthene	U	0.038	0.10					
Fluorene	U	0.051	0.10					
Hexachlorobenzene	U	0.44	1.0					
Hexachlorobutadiene	U	0.63	1.0					
Hexachlorocyclopentadiene	U	1.1	5.0					
Hexachloroethane	U	0.62	1.0					
Indeno(1,2,3-cd)pyrene	U	0.067	0.10					
Isophorone	U	0.34	5.0					
Naphthalene	U	0.067	0.10					
Nitrobenzene	U	0.26	1.0					
N-Nitrosodi-n-propylamine	U	0.35	1.0					
N-Nitrosodiphenylamine	U	0.49	1.0					
Pentachlorophenol	U	0.97	5.0					
Phenanthrene	U	0.081	0.10					
Phenol	U	0.21	1.0					
Pyrene	U	0.036	0.10					
Surr: 2,4,6-Tribromophenol	*34.38*	0	0	*50*	0	*68.8*	*27-83*	0
Surr: 2-Fluorobiphenyl	*30.49*	0	0	*50*	0	*61*	*26-79*	0
Surr: 2-Fluorophenol	*23.15*	0	0	*50*	0	*46.3*	*13-56*	0
Surr: 4-Terphenyl-d14	*44.87*	0	0	*50*	0	*89.7*	*43-106*	0
Surr: Nitrobenzene-d5	*36.01*	0	0	*50*	0	*72*	*29-80*	0
Surr: Phenol-d6	*15.08*	0	0	*50*	0	*30.2*	*10-35*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

LCS	Sample ID: **SLCSW1-178295-178295**				Units: **µg/L**			Analysis Date: **6/18/2021 11:58 AM**			
Client ID:		Run ID: **SVMS9_210618A**			SeqNo: **7506277**			Prep Date: **6/10/2021**		DF: **1**	
Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	11.1	0.42	1.0	20	0	55.5	40-85	0			
1,2,4,5-Tetrachlorobenzene	10.3	0.34	5.0	20	0	51.5	34-82	0			
2,2`-Oxybis(1-chloropropane)	16.43	0.23	1.0	20	0	82.2	33-83	0			
2,3,4,6-Tetrachlorophenol	15.8	0.45	1.0	20	0	79	43-104	0			
2,4,5-Trichlorophenol	15.82	0.17	1.0	20	0	79.1	47-84	0			
2,4,6-Trichlorophenol	14.33	0.25	1.0	20	0	71.6	45-83	0			
2,4-Dichlorophenol	15.34	0.35	1.0	20	0	76.7	39-84	0			
2,4-Dimethylphenol	12.52	0.36	1.0	20	0	62.6	34-79	0			
2,4-Dinitrophenol	16.25	2.6	5.0	20	0	81.2	11-117	0			
2,4-Dinitrotoluene	16.09	0.42	1.0	20	0	80.4	54-93	0			
2,6-Dinitrotoluene	16.12	0.33	1.0	20	0	80.6	51-90	0			
2-Chloronaphthalene	10.25	0.075	0.10	20	0	51.2	37-84	0			
2-Chlorophenol	16.2	0.23	1.0	20	0	81	38-83	0			
2-Methylnaphthalene	9.28	0.065	0.10	20	0	46.4	33-85	0			
2-Methylphenol	15.06	0.25	1.0	20	0	75.3	29-76	0			
2-Nitroaniline	17.9	0.21	1.0	20	0	89.5	45-94	0			
2-Nitrophenol	15.3	0.34	1.0	20	0	76.5	41-84	0			
3&4-Methylphenol	13.61	0.21	1.0	20	0	68	24-70	0			
3,3´-Dichlorobenzidine	15.63	0.46	5.0	20	0	78.2	39-96	0			
3-Nitroaniline	16.59	0.64	1.0	20	0	83	50-93	0			
4,6-Dinitro-2-methylphenol	16.33	0.27	1.0	20	0	81.6	23-116	0			
4-Bromophenyl phenyl ether	14.43	0.33	1.0	20	0	72.2	51-93	0			
4-Chloro-3-methylphenol	16.92	0.26	1.0	20	0	84.6	41-86	0			
4-Chloroaniline	16.15	0.34	1.0	20	0	80.8	44-92	0			
4-Chlorophenyl phenyl ether	13.35	0.31	1.0	20	0	66.8	49-89	0			
4-Nitroaniline	16.05	0.57	1.0	20	0	80.2	47-98	0			
4-Nitrophenol	3.84	0.24	5.0	20	0	19.2	10-43	0			J
Acenaphthene	12.96	0.081	0.10	20	0	64.8	42-85	0			
Acenaphthylene	11.56	0.075	0.10	20	0	57.8	42-88	0			
Acetophenone	17.27	0.37	1.0	20	0	86.4	39-91	0			
Anthracene	15.8	0.028	0.10	20	0	79	55-93	0			
Atrazine	16.46	0.35	1.0	20	0	82.3	52-100	0			
Benzaldehyde	16.79	0.52	1.0	20	0	84	42-110	0			
Benzo(a)anthracene	16.65	0.099	0.10	20	0	83.2	56-91	0			
Benzo(a)pyrene	16.59	0.044	0.10	20	0	83	55-96	0			
Benzo(b)fluoranthene	17.51	0.051	0.10	20	0	87.6	55-99	0			
Benzo(g,h,i)perylene	15.32	0.089	0.10	20	0	76.6	44-102	0			
Benzo(k)fluoranthene	16.73	0.048	0.10	20	0	83.6	57-96	0			
Bis(2-chloroethoxy)methane	15.84	0.29	1.0	20	0	79.2	39-88	0			
Bis(2-chloroethyl)ether	16.85	0.37	1.0	20	0	84.2	36-91	0			
Bis(2-ethylhexyl)phthalate	17.23	0.4	1.0	20	0	86.2	39-113	0			
Butyl benzyl phthalate	16.44	0.3	1.0	20	0	82.2	49-97	0			
Carbazole	16.59	0.24	1.0	20	0	83	59-92	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

Chrysene	16.27	0.048	0.10	20	0	81.4	55-92	0	
Dibenzo(a,h)anthracene	15.19	0.073	0.10	20	0	76	47-100	0	
Dibenzofuran	12.87	0.23	1.0	20	0	64.4	44-89	0	
Diethyl phthalate	16.29	0.17	1.0	20	0	81.4	54-95	0	
Dimethyl phthalate	15.54	0.18	1.0	20	0	77.7	51-92	0	
Di-n-butyl phthalate	16.69	0.21	1.0	20	0	83.4	57-98	0	
Di-n-octyl phthalate	18.97	0.53	1.0	20	0	94.8	36-117	0	
Fluoranthene	16.03	0.038	0.10	20	0	80.2	59-93	0	
Fluorene	14.41	0.051	0.10	20	0	72	47-91	0	
Hexachlorobenzene	13.82	0.44	1.0	20	0	69.1	53-89	0	
Hexachlorobutadiene	10.61	0.63	1.0	20	0	53	11-83	0	
Hexachlorocyclopentadiene	8.19	1.1	5.0	20	0	41	14-75	0	
Hexachloroethane	7.9	0.62	1.0	20	0	39.5	10-85	0	
Indeno(1,2,3-cd)pyrene	15.68	0.067	0.10	20	0	78.4	46-102	0	
Isophorone	16.23	0.34	5.0	20	0	81.2	42-90	0	
Naphthalene	8.63	0.067	0.10	20	0	43.2	26-78	0	
Nitrobenzene	15.92	0.26	1.0	20	0	79.6	38-86	0	
N-Nitrosodi-n-propylamine	18.83	0.35	1.0	20	0	94.2	39-95	0	
N-Nitrosodiphenylamine	15.8	0.49	1.0	20	0	79	47-94	0	
Pentachlorophenol	14.06	0.97	5.0	20	0	70.3	37-94	0	
Phenanthrene	15.53	0.081	0.10	20	0	77.6	51-90	0	
Phenol	7.63	0.21	1.0	20	0	38.2	10-40	0	
Pyrene	17.49	0.036	0.10	20	0	87.4	48-98	0	
Surr: 2,4,6-Tribromophenol	*40.02*	0	0	*50*	0	*80*	*27-83*	0	
Surr: 2-Fluorobiphenyl	*32.82*	0	0	*50*	0	*65.6*	*26-79*	0	
Surr: 2-Fluorophenol	*24.51*	0	0	*50*	0	*49*	*13-56*	0	
Surr: 4-Terphenyl-d14	*44.21*	0	0	*50*	0	*88.4*	*43-106*	0	
Surr: Nitrobenzene-d5	*40.25*	0	0	*50*	0	*80.5*	*29-80*	0	*S*
Surr: Phenol-d6	*16.85*	0	0	*50*	0	*33.7*	*10-35*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

LCSD Sample ID: **SLCSDW1-178295-178295** Units: **µg/L** Analysis Date: **6/18/2021 12:22 PM**
Client ID: Run ID: **SVMS9_210618A** SeqNo: **7506278** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1`-Biphenyl	14.79	0.42	1.0	20	0	74	40-85	11.1	28.5	30	
1,2,4,5-Tetrachlorobenzene	12.75	0.34	5.0	20	0	63.8	34-82	10.3	21.3	30	
2,2`-Oxybis(1-chloropropane)	16.16	0.23	1.0	20	0	80.8	33-83	16.43	1.66	30	
2,3,4,6-Tetrachlorophenol	15.95	0.45	1.0	20	0	79.8	43-104	15.8	0.945	30	
2,4,5-Trichlorophenol	15.23	0.17	1.0	20	0	76.2	47-84	15.82	3.8	30	
2,4,6-Trichlorophenol	13.71	0.25	1.0	20	0	68.6	45-83	14.33	4.42	30	
2,4-Dichlorophenol	14.27	0.35	1.0	20	0	71.4	39-84	15.34	7.23	30	
2,4-Dimethylphenol	13.07	0.36	1.0	20	0	65.4	34-79	12.52	4.3	30	
2,4-Dinitrophenol	15.33	2.6	5.0	20	0	76.6	11-117	16.25	5.83	30	
2,4-Dinitrotoluene	15.74	0.42	1.0	20	0	78.7	54-93	16.09	2.2	30	
2,6-Dinitrotoluene	15.29	0.33	1.0	20	0	76.4	51-90	16.12	5.28	30	
2-Chloronaphthalene	13.59	0.075	0.10	20	0	68	37-84	10.25	28	30	
2-Chlorophenol	15.02	0.23	1.0	20	0	75.1	38-83	16.2	7.56	30	
2-Methylnaphthalene	14.21	0.065	0.10	20	0	71	33-85	9.28	42	30	R
2-Methylphenol	14.44	0.25	1.0	20	0	72.2	29-76	15.06	4.2	30	
2-Nitroaniline	17.52	0.21	1.0	20	0	87.6	45-94	17.9	2.15	30	
2-Nitrophenol	14.27	0.34	1.0	20	0	71.4	41-84	15.3	6.97	30	
3&4-Methylphenol	13.22	0.21	1.0	20	0	66.1	24-70	13.61	2.91	30	
3,3´-Dichlorobenzidine	15.26	0.46	5.0	20	0	76.3	39-96	15.63	2.4	30	
3-Nitroaniline	16.93	0.64	1.0	20	0	84.6	50-93	16.59	2.03	30	
4,6-Dinitro-2-methylphenol	16.26	0.27	1.0	20	0	81.3	23-116	16.33	0.43	30	
4-Bromophenyl phenyl ether	15.08	0.33	1.0	20	0	75.4	51-93	14.43	4.41	30	
4-Chloro-3-methylphenol	16.15	0.26	1.0	20	0	80.8	41-86	16.92	4.66	30	
4-Chloroaniline	15.77	0.34	1.0	20	0	78.8	44-92	16.15	2.38	30	
4-Chlorophenyl phenyl ether	14.45	0.31	1.0	20	0	72.2	49-89	13.35	7.91	30	
4-Nitroaniline	16.47	0.57	1.0	20	0	82.4	47-98	16.05	2.58	30	
4-Nitrophenol	4.65	0.24	5.0	20	0	23.2	10-43	3.84	0	30	J
Acenaphthene	14.85	0.081	0.10	20	0	74.2	42-85	12.96	13.6	30	
Acenaphthylene	13.84	0.075	0.10	20	0	69.2	42-88	11.56	18	30	
Acetophenone	15.97	0.37	1.0	20	0	79.8	39-91	17.27	7.82	30	
Anthracene	15.59	0.028	0.10	20	0	78	55-93	15.8	1.34	30	
Atrazine	16.07	0.35	1.0	20	0	80.4	52-100	16.46	2.4	30	
Benzaldehyde	15.63	0.52	1.0	20	0	78.2	42-110	16.79	7.16	30	
Benzo(a)anthracene	16	0.099	0.10	20	0	80	56-91	16.65	3.98	30	
Benzo(a)pyrene	16.2	0.044	0.10	20	0	81	55-96	16.59	2.38	30	
Benzo(b)fluoranthene	17.1	0.051	0.10	20	0	85.5	55-99	17.51	2.37	30	
Benzo(g,h,i)perylene	14.09	0.089	0.10	20	0	70.4	44-102	15.32	8.36	30	
Benzo(k)fluoranthene	15.9	0.048	0.10	20	0	79.5	57-96	16.73	5.09	30	
Bis(2-chloroethoxy)methane	14.81	0.29	1.0	20	0	74	39-88	15.84	6.72	30	
Bis(2-chloroethyl)ether	15.44	0.37	1.0	20	0	77.2	36-91	16.85	8.73	30	
Bis(2-ethylhexyl)phthalate	16.63	0.4	1.0	20	0	83.2	39-113	17.23	3.54	30	
Butyl benzyl phthalate	15.92	0.3	1.0	20	0	79.6	49-97	16.44	3.21	30	
Carbazole	16.1	0.24	1.0	20	0	80.5	59-92	16.59	3	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **178295** Instrument ID **SVMS9** Method: **SW846 8270D**

Chrysene	15.88	0.048	0.10	20	0	79.4	55-92	16.27	2.43	30	
Dibenzo(a,h)anthracene	14.68	0.073	0.10	20	0	73.4	47-100	15.19	3.41	30	
Dibenzofuran	14.39	0.23	1.0	20	0	72	44-89	12.87	11.2	30	
Diethyl phthalate	16.18	0.17	1.0	20	0	80.9	54-95	16.29	0.678	30	
Dimethyl phthalate	14.95	0.18	1.0	20	0	74.8	51-92	15.54	3.87	30	
Di-n-butyl phthalate	15.97	0.21	1.0	20	0	79.8	57-98	16.69	4.41	30	
Di-n-octyl phthalate	18.12	0.53	1.0	20	0	90.6	36-117	18.97	4.58	30	
Fluoranthene	15.41	0.038	0.10	20	0	77	59-93	16.03	3.94	30	
Fluorene	15.43	0.051	0.10	20	0	77.2	47-91	14.41	6.84	30	
Hexachlorobenzene	14.36	0.44	1.0	20	0	71.8	53-89	13.82	3.83	30	
Hexachlorobutadiene	12.68	0.63	1.0	20	0	63.4	11-83	10.61	17.8	30	
Hexachlorocyclopentadiene	10.67	1.1	5.0	20	0	53.4	14-75	8.19	26.3	30	
Hexachloroethane	14.37	0.62	1.0	20	0	71.8	10-85	7.9	58.1	30	R
Indeno(1,2,3-cd)pyrene	14.78	0.067	0.10	20	0	73.9	46-102	15.68	5.91	30	
Isophorone	15.11	0.34	5.0	20	0	75.6	42-90	16.23	7.15	30	
Naphthalene	13.92	0.067	0.10	20	0	69.6	26-78	8.63	46.9	30	R
Nitrobenzene	15	0.26	1.0	20	0	75	38-86	15.92	5.95	30	
N-Nitrosodi-n-propylamine	17.46	0.35	1.0	20	0	87.3	39-95	18.83	7.55	30	
N-Nitrosodiphenylamine	15.58	0.49	1.0	20	0	77.9	47-94	15.8	1.4	30	
Pentachlorophenol	13.01	0.97	5.0	20	0	65	37-94	14.06	7.76	30	
Phenanthrene	15.32	0.081	0.10	20	0	76.6	51-90	15.53	1.36	30	
Phenol	7.91	0.21	1.0	20	0	39.6	10-40	7.63	3.6	30	
Pyrene	16.41	0.036	0.10	20	0	82	48-98	17.49	6.37	30	
Surr: 2,4,6-Tribromophenol	*37.84*	0	0	*50*	0	*75.7*	*27-83*	40.02	*5.6*	*40*	
Surr: 2-Fluorobiphenyl	*33.66*	0	0	*50*	0	*67.3*	*26-79*	32.82	*2.53*	*40*	
Surr: 2-Fluorophenol	*24.57*	0	0	*50*	0	*49.1*	*13-56*	24.51	*0.244*	*40*	
Surr: 4-Terphenyl-d14	*42.54*	0	0	*50*	0	*85.1*	*43-106*	44.21	*3.85*	*40*	
Surr: Nitrobenzene-d5	*39.04*	0	0	*50*	0	*78.1*	*29-80*	40.25	*3.05*	*40*	
Surr: Phenol-d6	*17.55*	0	0	*50*	0	*35.1*	*10-35*	16.85	*4.07*	*40*	*S*

The following samples were analyzed in this batch: 21060688-01B 21060688-02B 21060688-06B 21060688-07B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **178296** Instrument ID **SVMS9** Method: **SW8270**

MBLK Sample ID: **DBLKW1-178296-178296** Units: **mg/L** Analysis Date: **6/17/2021 04:07 AM**
Client ID: Run ID: **SVMS9_210616A** SeqNo: **7506750** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	0.1239	0.013	1.0								J
ORO (C21-C35)	0.08105	0.027	1.0								J
Surr: 4-Terphenyl-d14	*0.0284*	0	0	*0.05*	0	*56.8*	*23-120*	0			

LCS Sample ID: **DLCSW1-178296-178296** Units: **mg/L** Analysis Date: **6/16/2021 08:28 PM**
Client ID: Run ID: **SVMS9_210616A** SeqNo: **7506735** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	3.113	0.013	1.0	5	0	62.3	44-116	0			
ORO (C21-C35)	3.828	0.027	1.0	5	0	76.6	44-116	0			
Surr: 4-Terphenyl-d14	*0.02747*	0	0	*0.05*	0	*54.9*	*23-120*	0			

LCSD Sample ID: **DLCSDW1-178296-178296** Units: **mg/L** Analysis Date: **6/16/2021 08:59 PM**
Client ID: Run ID: **SVMS9_210616A** SeqNo: **7506736** Prep Date: **6/10/2021** DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	3.792	0.013	1.0	5	0	75.8	44-116	3.113	19.7	30	
ORO (C21-C35)	4.343	0.027	1.0	5	0	86.9	44-116	3.828	12.6	30	
Surr: 4-Terphenyl-d14	*0.0316*	0	0	*0.05*	0	*63.2*	*23-120*	0.02747	*14*		

The following samples were analyzed in this batch:

21060688-01B	21060688-02B	21060688-03B
21060688-04B	21060688-05B	21060688-06B
21060688-07B		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319862A** Instrument ID **VMS10** Method: **SW8260GRO**

MBLK Sample ID: **10V-BLKW2-210615-R319862A** Units: **µg/L** Analysis Date: **6/15/2021 08:11 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490663** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	25	100								
Surr: Toluene-d8	*17.78*	0	0	*20*	0	*88.9*	*70-120*	0			

LCS Sample ID: **10V-GLCSW1-210615-R319862A** Units: **µg/L** Analysis Date: **6/15/2021 06:47 PM**
Client ID: Run ID: **VMS10_210615B** SeqNo: **7490661** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	547.4	25	100	500	0	109	70-130	0			
Surr: Toluene-d8	*20.15*	0	0	*20*	0	*101*	*70-130*	0			

The following samples were analyzed in this batch:

21060688-01A	21060688-02A	21060688-03A
21060688-04A	21060688-05A	21060688-06A
21060688-07A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

MBLK Sample ID: **10V-BLKW2-210615-R319890A** Units: **µg/L** Analysis Date: **6/15/2021 08:11 PM**
Client ID: Run ID: **VMS10_210615C** SeqNo: **7491489** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.46	1.0								
1,1,2,2-Tetrachloroethane	U	0.4	1.0								
1,1,2-Trichloroethane	U	0.46	1.0								
1,1,2-Trichlorotrifluoroethane	U	0.52	1.0								
1,1-Dichloroethane	U	0.44	1.0								
1,1-Dichloroethene	U	0.4	1.0								
1,2,3-Trichlorobenzene	U	0.42	1.0								
1,2,4-Trichlorobenzene	U	0.45	1.0								
1,2-Dibromo-3-chloropropane	U	0.43	1.0								
1,2-Dibromoethane	U	0.41	1.0								
1,2-Dichlorobenzene	U	0.32	1.0								
1,2-Dichloroethane	U	0.44	1.0								
1,2-Dichloropropane	U	0.48	1.0								
1,3-Dichlorobenzene	U	0.33	1.0								
1,4-Dichlorobenzene	U	0.35	1.0								
2-Butanone	U	0.52	5.0								
2-Hexanone	U	0.59	5.0								
4-Methyl-2-pentanone	U	0.52	1.0								
Acetone	U	6.2	10								
Benzene	U	0.46	1.0								
Bromochloromethane	U	0.45	1.0								
Bromodichloromethane	U	0.49	1.0								
Bromoform	U	0.56	1.0								
Bromomethane	U	0.9	1.0								
Carbon disulfide	U	0.49	1.0								
Carbon tetrachloride	U	0.4	1.0								
Chlorobenzene	U	0.4	1.0								
Chloroform	U	0.46	1.0								
Chloromethane	U	0.83	1.0								
cis-1,2-Dichloroethene	U	0.42	1.0								
cis-1,3-Dichloropropene	U	0.57	1.0								
Cyclohexane	U	0.63	2.0								
Dibromochloromethane	U	0.4	1.0								
Dichlorodifluoromethane	U	0.68	1.0								
Ethylbenzene	U	0.34	1.0								
Isopropylbenzene	U	0.35	1.0								
m,p-Xylene	U	0.81	2.0								
Methyl acetate	U	0.59	2.0								
Methyl tert-butyl ether	U	0.45	1.0								
Methylcyclohexane	U	0.35	1.0								
Methylene chloride	U	0.86	5.0								
o-Xylene	U	0.31	1.0								
Styrene	U	0.33	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Tetrachloroethene	U	0.39	1.0					
Toluene	U	0.45	1.0					
trans-1,2-Dichloroethene	U	0.48	1.0					
trans-1,3-Dichloropropene	U	0.38	1.0					
Trichloroethene	U	0.43	1.0					
Trichlorofluoromethane	U	0.52	1.0					
Vinyl chloride	U	0.53	1.0					
Surr: 1,2-Dichloroethane-d4	*20.92*	0	0	*20*	0	*105*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.63*	0	0	*20*	0	*98.2*	*80-110*	0
Surr: Dibromofluoromethane	*20.08*	0	0	*20*	0	*100*	*85-115*	0
Surr: Toluene-d8	*20.17*	0	0	*20*	0	*101*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

LCS Sample ID: **10V-LCSW2-210615-R319890A** Units: **µg/L** Analysis Date: **6/15/2021 07:21 PM**
Client ID: Run ID: **VMS10_210615C** SeqNo: **7491487** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.15	0.46	1.0	20	0	101	75-130	0			
1,1,2,2-Tetrachloroethane	21.79	0.4	1.0	20	0	109	75-130	0			
1,1,2-Trichloroethane	19.33	0.46	1.0	20	0	96.6	75-125	0			
1,1-Dichloroethane	20.14	0.44	1.0	20	0	101	68-142	0			
1,1-Dichloroethene	19.78	0.4	1.0	20	0	98.9	70-145	0			
1,2,3-Trichlorobenzene	18.16	0.42	1.0	20	0	90.8	70-140	0			
1,2,4-Trichlorobenzene	17.7	0.45	1.0	20	0	88.5	70-135	0			
1,2-Dibromo-3-chloropropane	19.12	0.43	1.0	20	0	95.6	60-130	0			
1,2-Dibromoethane	22.05	0.41	1.0	20	0	110	67-155	0			
1,2-Dichlorobenzene	18.54	0.32	1.0	20	0	92.7	70-130	0			
1,2-Dichloroethane	19.97	0.44	1.0	20	0	99.8	78-125	0			
1,2-Dichloropropane	20.6	0.48	1.0	20	0	103	75-125	0			
1,3-Dichlorobenzene	18.78	0.33	1.0	20	0	93.9	75-130	0			
1,4-Dichlorobenzene	19.5	0.35	1.0	20	0	97.5	75-130	0			
2-Butanone	20.51	0.52	5.0	20	0	103	55-150	0			
2-Hexanone	19.86	0.59	5.0	20	0	99.3	60-135	0			
4-Methyl-2-pentanone	30.37	0.52	1.0	20	0	152	77-178	0			
Acetone	28.3	6.2	10	20	0	142	60-160	0			
Benzene	19.66	0.46	1.0	20	0	98.3	70-130	0			
Bromochloromethane	22.06	0.45	1.0	20	0	110	72-141	0			
Bromodichloromethane	20.07	0.49	1.0	20	0	100	75-125	0			
Bromoform	18.02	0.56	1.0	20	0	90.1	60-125	0			
Bromomethane	39.38	0.9	1.0	20	0	197	30-185	0			S
Carbon disulfide	20.56	0.49	1.0	20	0	103	60-165	0			
Carbon tetrachloride	18.94	0.4	1.0	20	0	94.7	65-140	0			
Chlorobenzene	18.83	0.4	1.0	20	0	94.2	80-120	0			
Chloroform	20.41	0.46	1.0	20	0	102	66-135	0			
Chloromethane	13.92	0.83	1.0	20	0	69.6	46-148	0			
cis-1,2-Dichloroethene	20.91	0.42	1.0	20	0	105	75-134	0			
cis-1,3-Dichloropropene	19.13	0.57	1.0	20	0	95.6	70-130	0			
Dibromochloromethane	18.75	0.4	1.0	20	0	93.8	60-115	0			
Dichlorodifluoromethane	17.12	0.68	1.0	20	0	85.6	10-180	0			
Ethylbenzene	18.21	0.34	1.0	20	0	91	76-123	0			
Isopropylbenzene	19.68	0.35	1.0	20	0	98.4	80-127	0			
m,p-Xylene	40.36	0.81	2.0	40	0	101	75-130	0			
Methyl tert-butyl ether	21.35	0.45	1.0	20	0	107	68-129	0			
Methylene chloride	20.31	0.86	5.0	20	0	102	72-125	0			
o-Xylene	20	0.31	1.0	20	0	100	76-127	0			
Styrene	19.95	0.33	1.0	20	0	99.8	79-117	0			
Tetrachloroethene	18.45	0.39	1.0	20	0	92.2	68-166	0			
Toluene	18.87	0.45	1.0	20	0	94.4	76-125	0			
trans-1,2-Dichloroethene	20.12	0.48	1.0	20	0	101	80-140	0			
trans-1,3-Dichloropropene	18.72	0.38	1.0	20	0	93.6	56-132	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Trichloroethene	18.09	0.43	1.0	20	0	90.4	77-125	0
Trichlorofluoromethane	17.85	0.52	1.0	20	0	89.2	60-140	0
Vinyl chloride	18.7	0.53	1.0	20	0	93.5	50-136	0
Surr: 1,2-Dichloroethane-d4	*20.65*	0	0	*20*	0	*103*	*75-120*	0
Surr: 4-Bromofluorobenzene	*20.11*	0	0	*20*	0	*101*	*80-110*	0
Surr: Dibromofluoromethane	*20.44*	0	0	*20*	0	*102*	*85-115*	0
Surr: Toluene-d8	*19.99*	0	0	*20*	0	*100*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

MS Sample ID: **21060688-02A MS** Units: **µg/L** Analysis Date: **6/16/2021 02:37 AM**
Client ID: **9844-B3** Run ID: **VMS10_210615C** SeqNo: **7491507** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.43	0.46	1.0	20	0	97.2	75-130	0			
1,1,2,2-Tetrachloroethane	22.43	0.4	1.0	20	0	112	75-130	0			
1,1,2-Trichloroethane	20.04	0.46	1.0	20	0	100	75-125	0			
1,1-Dichloroethane	20.29	0.44	1.0	20	0	101	68-142	0			
1,1-Dichloroethene	19.38	0.4	1.0	20	0	96.9	70-145	0			
1,2,3-Trichlorobenzene	15.68	0.42	1.0	20	0	78.4	70-140	0			
1,2,4-Trichlorobenzene	15.8	0.45	1.0	20	0	79	70-135	0			
1,2-Dibromo-3-chloropropane	17.98	0.43	1.0	20	0	89.9	60-130	0			
1,2-Dibromoethane	22.51	0.41	1.0	20	0	113	67-155	0			
1,2-Dichlorobenzene	18.09	0.32	1.0	20	0	90.4	70-130	0			
1,2-Dichloroethane	20.37	0.44	1.0	20	0	102	78-125	0			
1,2-Dichloropropane	19.66	0.48	1.0	20	0	98.3	75-125	0			
1,3-Dichlorobenzene	18.38	0.33	1.0	20	0	91.9	75-130	0			
1,4-Dichlorobenzene	19.01	0.35	1.0	20	0	95	75-130	0			
2-Butanone	22.03	0.52	5.0	20	0.75	106	55-150	0			
2-Hexanone	19.97	0.59	5.0	20	0	99.8	60-135	0			
4-Methyl-2-pentanone	30.38	0.52	1.0	20	0	152	77-178	0			
Acetone	27.52	6.2	10	20	5.47	110	60-160	0			
Benzene	19.77	0.46	1.0	20	0	98.8	70-130	0			
Bromochloromethane	24.37	0.45	1.0	20	0	122	72-141	0			
Bromodichloromethane	20.41	0.49	1.0	20	0	102	75-125	0			
Bromoform	18.74	0.56	1.0	20	0.87	89.4	60-125	0			
Bromomethane	137	0.9	1.0	20	0	685	30-185	0			SE
Carbon disulfide	20.7	0.49	1.0	20	0	104	60-165	0			
Carbon tetrachloride	18.91	0.4	1.0	20	0	94.6	65-140	0			
Chlorobenzene	19.26	0.4	1.0	20	0	96.3	80-120	0			
Chloroform	20.64	0.46	1.0	20	0	103	66-135	0			
Chloromethane	11.74	0.83	1.0	20	0	58.7	46-148	0			
cis-1,2-Dichloroethene	20.29	0.42	1.0	20	0	101	75-134	0			
cis-1,3-Dichloropropene	18.41	0.57	1.0	20	0	92	70-130	0			
Dibromochloromethane	19.45	0.4	1.0	20	0	97.2	60-115	0			
Dichlorodifluoromethane	17	0.68	1.0	20	0	85	10-180	0			
Ethylbenzene	18.35	0.34	1.0	20	0	91.8	76-123	0			
Isopropylbenzene	19.17	0.35	1.0	20	0	95.8	80-127	0			
m,p-Xylene	39.21	0.81	2.0	40	0	98	75-130	0			
Methyl tert-butyl ether	24.09	0.45	1.0	20	2.84	106	68-129	0			
Methylene chloride	19.46	0.86	5.0	20	0	97.3	72-125	0			
o-Xylene	20.23	0.31	1.0	20	0	101	76-127	0			
Styrene	18.47	0.33	1.0	20	0	92.4	79-117	0			
Tetrachloroethene	18.04	0.39	1.0	20	0	90.2	68-166	0			
Toluene	19.21	0.45	1.0	20	0	96	76-125	0			
trans-1,2-Dichloroethene	20.25	0.48	1.0	20	0	101	80-140	0			
trans-1,3-Dichloropropene	19.22	0.38	1.0	20	0	96.1	56-132	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Trichloroethene	17.95	0.43	1.0	20	0	89.8	77-125	0
Trichlorofluoromethane	18.54	0.52	1.0	20	0	92.7	60-140	0
Vinyl chloride	19.46	0.53	1.0	20	0	97.3	50-136	0
Surr: 1,2-Dichloroethane-d4	*20.61*	0	0	*20*	0	*103*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.94*	0	0	*20*	0	*99.7*	*80-110*	0
Surr: Dibromofluoromethane	*19.92*	0	0	*20*	0	*99.6*	*85-115*	0
Surr: Toluene-d8	*20.41*	0	0	*20*	0	*102*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

DUP Sample ID: **21060688-01A DUP** Units: **µg/L** Analysis Date: **6/16/2021 02:21 AM**
Client ID: **9844-B1** Run ID: **VMS10_210615C** SeqNo: **7491506** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.46	1.0	0	0	0		0	0	30	
1,1,2,2-Tetrachloroethane	U	0.4	1.0	0	0	0		0	0	30	
1,1,2-Trichloroethane	U	0.46	1.0	0	0	0		0	0	30	
1,1,2-Trichlorotrifluoroethane	U	0.52	1.0	0	0	0		0	0	30	
1,1-Dichloroethane	U	0.44	1.0	0	0	0		0	0	30	
1,1-Dichloroethene	U	0.4	1.0	0	0	0		0	0	30	
1,2,3-Trichlorobenzene	U	0.42	1.0	0	0	0		0	0	30	
1,2,4-Trichlorobenzene	U	0.45	1.0	0	0	0		0	0	30	
1,2-Dibromo-3-chloropropane	U	0.43	1.0	0	0	0		0	0	30	
1,2-Dibromoethane	U	0.41	1.0	0	0	0		0	0	30	
1,2-Dichlorobenzene	U	0.32	1.0	0	0	0		0	0	30	
1,2-Dichloroethane	U	0.44	1.0	0	0	0		0	0	30	
1,2-Dichloropropane	U	0.48	1.0	0	0	0		0	0	30	
1,3-Dichlorobenzene	U	0.33	1.0	0	0	0		0	0	30	
1,4-Dichlorobenzene	U	0.35	1.0	0	0	0		0	0	30	
2-Butanone	0.54	0.52	5.0	0	0	0		0.61	0	30	J
2-Hexanone	U	0.59	5.0	0	0	0		0	0	30	
4-Methyl-2-pentanone	U	0.52	1.0	0	0	0		0	0	30	
Acetone	U	6.2	10	0	0	0		8.61	0	30	
Benzene	U	0.46	1.0	0	0	0		0	0	30	
Bromochloromethane	U	0.45	1.0	0	0	0		0	0	30	
Bromodichloromethane	U	0.49	1.0	0	0	0		0	0	30	
Bromoform	0.78	0.56	1.0	0	0	0		1.56	0	30	J
Bromomethane	U	0.9	1.0	0	0	0		0	0	30	
Carbon disulfide	U	0.49	1.0	0	0	0		0	0	30	
Carbon tetrachloride	U	0.4	1.0	0	0	0		0	0	30	
Chlorobenzene	U	0.4	1.0	0	0	0		0	0	30	
Chloroform	U	0.46	1.0	0	0	0		0	0	30	
Chloromethane	U	0.83	1.0	0	0	0		0	0	30	
cis-1,2-Dichloroethene	U	0.42	1.0	0	0	0		0	0	30	
cis-1,3-Dichloropropene	U	0.57	1.0	0	0	0		0	0	30	
Cyclohexane	U	0.63	2.0	0	0	0		0	0	30	
Dibromochloromethane	U	0.4	1.0	0	0	0		0	0	30	
Dichlorodifluoromethane	U	0.68	1.0	0	0	0		0	0	30	
Ethylbenzene	U	0.34	1.0	0	0	0		0	0	30	
Isopropylbenzene	U	0.35	1.0	0	0	0		0	0	30	
m,p-Xylene	U	0.81	2.0	0	0	0		0	0	30	
Methyl acetate	U	0.59	2.0	0	0	0		0	0	30	
Methyl tert-butyl ether	0.86	0.45	1.0	0	0	0		0.86	0	30	J
Methylcyclohexane	U	0.35	1.0	0	0	0		0	0	30	
Methylene chloride	U	0.86	5.0	0	0	0		0	0	30	
o-Xylene	U	0.31	1.0	0	0	0		0	0	30	
Styrene	U	0.33	1.0	0	0	0		0	0	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319890A** Instrument ID **VMS10** Method: **SW8260C**

Tetrachloroethene	U	0.39	1.0	0	0	0		0	0	30
Toluene	U	0.45	1.0	0	0	0		0	0	30
trans-1,2-Dichloroethene	U	0.48	1.0	0	0	0		0	0	30
trans-1,3-Dichloropropene	U	0.38	1.0	0	0	0		0	0	30
Trichloroethene	U	0.43	1.0	0	0	0		0	0	30
Trichlorofluoromethane	U	0.52	1.0	0	0	0		0	0	30
Vinyl chloride	U	0.53	1.0	0	0	0		0	0	30
Surr: 1,2-Dichloroethane-d4	*20.66*	0	0	*20*	0	*103*	*75-120*	20.64	*0.0969*	*30*
Surr: 4-Bromofluorobenzene	*19.39*	0	0	*20*	0	*97*	*80-110*	19.81	*2.14*	*30*
Surr: Dibromofluoromethane	*20.17*	0	0	*20*	0	*101*	*85-115*	19.83	*1.7*	*30*
Surr: Toluene-d8	*20.13*	0	0	*20*	0	*101*	*85-110*	20.17	*0.199*	*30*

The following samples were analyzed in this batch:

21060688-01A	21060688-02A	21060688-03A
21060688-04A	21060688-05A	21060688-06A
21060688-07A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

MBLK Sample ID: **12V-BLKW2-210616-R319917b** Units: **µg/L** Analysis Date: **6/16/2021 02:43 PM**
Client ID: Run ID: **VMS12_210616A** SeqNo: **7495693** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	0.46	1.0								
1,1,2,2-Tetrachloroethane	U	0.4	1.0								
1,1,2-Trichloroethane	U	0.46	1.0								
1,1,2-Trichlorotrifluoroethane	U	0.52	1.0								
1,1-Dichloroethane	U	0.44	1.0								
1,1-Dichloroethene	U	0.4	1.0								
1,2,3-Trichlorobenzene	U	0.42	1.0								
1,2,4-Trichlorobenzene	U	0.45	1.0								
1,2-Dibromo-3-chloropropane	U	0.43	1.0								
1,2-Dibromoethane	U	0.41	1.0								
1,2-Dichlorobenzene	U	0.32	1.0								
1,2-Dichloroethane	U	0.44	1.0								
1,2-Dichloropropane	U	0.48	1.0								
1,3-Dichlorobenzene	U	0.33	1.0								
1,4-Dichlorobenzene	U	0.35	1.0								
2-Butanone	U	0.52	5.0								
2-Hexanone	U	0.59	5.0								
4-Methyl-2-pentanone	U	0.52	1.0								
Acetone	U	6.2	10								
Benzene	U	0.46	1.0								
Bromochloromethane	U	0.45	1.0								
Bromodichloromethane	U	0.49	1.0								
Bromoform	U	0.56	1.0								
Bromomethane	U	0.9	1.0								
Carbon disulfide	U	0.49	1.0								
Carbon tetrachloride	U	0.4	1.0								
Chlorobenzene	U	0.4	1.0								
Chloroethane	U	0.68	1.0								
Chloroform	U	0.46	1.0								
Chloromethane	U	0.83	1.0								
cis-1,2-Dichloroethene	U	0.42	1.0								
cis-1,3-Dichloropropene	U	0.57	1.0								
Cyclohexane	U	0.63	2.0								
Dibromochloromethane	U	0.4	1.0								
Dichlorodifluoromethane	U	0.68	1.0								
Ethylbenzene	U	0.34	1.0								
Isopropylbenzene	U	0.35	1.0								
m,p-Xylene	U	0.81	2.0								
Methyl acetate	U	0.59	2.0								
Methyl tert-butyl ether	U	0.45	1.0								
Methylcyclohexane	U	0.35	1.0								
Methylene chloride	U	0.86	5.0								
o-Xylene	U	0.31	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

Styrene	U	0.33	1.0					
Tetrachloroethene	U	0.39	1.0					
Toluene	U	0.45	1.0					
trans-1,2-Dichloroethene	U	0.48	1.0					
trans-1,3-Dichloropropene	U	0.38	1.0					
Trichloroethene	U	0.43	1.0					
Trichlorofluoromethane	U	0.52	1.0					
Vinyl chloride	U	0.53	1.0					
Surr: 1,2-Dichloroethane-d4	*20.21*	0	0	*20*	0	*101*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.14*	0	0	*20*	0	*95.7*	*80-110*	0
Surr: Dibromofluoromethane	*19.93*	0	0	*20*	0	*99.6*	*85-115*	0
Surr: Toluene-d8	*19.61*	0	0	*20*	0	*98*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

LCS Sample ID: **12V-LCSW1-210616-R319917b** Units: **µg/L** Analysis Date: **6/16/2021 01:55 PM**
Client ID: Run ID: **VMS12_210616A** SeqNo: **7495692** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.96	0.46	1.0	20	0	89.8	75-130	0			
1,1,2,2-Tetrachloroethane	19.16	0.4	1.0	20	0	95.8	75-130	0			
1,1,2-Trichloroethane	19.22	0.46	1.0	20	0	96.1	75-125	0			
1,1-Dichloroethane	17.9	0.44	1.0	20	0	89.5	68-142	0			
1,1-Dichloroethene	18.32	0.4	1.0	20	0	91.6	70-145	0			
1,2,3-Trichlorobenzene	19	0.42	1.0	20	0	95	70-140	0			
1,2,4-Trichlorobenzene	18.63	0.45	1.0	20	0	93.2	70-135	0			
1,2-Dibromo-3-chloropropane	17.95	0.43	1.0	20	0	89.8	60-130	0			
1,2-Dibromoethane	20.26	0.41	1.0	20	0	101	67-155	0			
1,2-Dichlorobenzene	18.02	0.32	1.0	20	0	90.1	70-130	0			
1,2-Dichloroethane	18.26	0.44	1.0	20	0	91.3	78-125	0			
1,2-Dichloropropane	17.98	0.48	1.0	20	0	89.9	75-125	0			
1,3-Dichlorobenzene	18.41	0.33	1.0	20	0	92	75-130	0			
1,4-Dichlorobenzene	17.98	0.35	1.0	20	0	89.9	75-130	0			
2-Butanone	19.94	0.52	5.0	20	0	99.7	55-150	0			
2-Hexanone	18.4	0.59	5.0	20	0	92	60-135	0			
4-Methyl-2-pentanone	24.42	0.52	1.0	20	0	122	77-178	0			
Acetone	17.68	6.2	10	20	0	88.4	60-160	0			
Benzene	17.97	0.46	1.0	20	0	89.8	70-130	0			
Bromochloromethane	18.71	0.45	1.0	20	0	93.6	72-141	0			
Bromodichloromethane	19.53	0.49	1.0	20	0	97.6	75-125	0			
Bromoform	17.75	0.56	1.0	20	0	88.8	60-125	0			
Bromomethane	17.48	0.9	1.0	20	0	87.4	30-185	0			
Carbon disulfide	18.54	0.49	1.0	20	0	92.7	60-165	0			
Carbon tetrachloride	17.49	0.4	1.0	20	0	87.4	65-140	0			
Chlorobenzene	17.91	0.4	1.0	20	0	89.6	80-120	0			
Chloroethane	16.04	0.68	1.0	20	0	80.2	31-172	0			
Chloroform	17.49	0.46	1.0	20	0	87.4	66-135	0			
Chloromethane	16.12	0.83	1.0	20	0	80.6	46-148	0			
cis-1,2-Dichloroethene	18.55	0.42	1.0	20	0	92.8	75-134	0			
cis-1,3-Dichloropropene	18.79	0.57	1.0	20	0	94	70-130	0			
Dibromochloromethane	17.15	0.4	1.0	20	0	85.8	60-115	0			
Dichlorodifluoromethane	16.58	0.68	1.0	20	0	82.9	10-180	0			
Ethylbenzene	16.69	0.34	1.0	20	0	83.4	76-123	0			
Isopropylbenzene	17.25	0.35	1.0	20	0	86.2	80-127	0			
m,p-Xylene	34.37	0.81	2.0	40	0	85.9	75-130	0			
Methyl tert-butyl ether	19.66	0.45	1.0	20	0	98.3	68-129	0			
Methylene chloride	18.03	0.86	5.0	20	0	90.2	72-125	0			
o-Xylene	17.39	0.31	1.0	20	0	87	76-127	0			
Styrene	18.09	0.33	1.0	20	0	90.4	79-117	0			
Tetrachloroethene	17.48	0.39	1.0	20	0	87.4	68-166	0			
Toluene	17.84	0.45	1.0	20	0	89.2	76-125	0			
trans-1,2-Dichloroethene	17.46	0.48	1.0	20	0	87.3	80-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

trans-1,3-Dichloropropene	17.86	0.38	1.0	20	0	89.3	56-132	0
Trichloroethene	16.98	0.43	1.0	20	0	84.9	77-125	0
Trichlorofluoromethane	16.37	0.52	1.0	20	0	81.8	60-140	0
Vinyl chloride	16.26	0.53	1.0	20	0	81.3	50-136	0
Surr: 1,2-Dichloroethane-d4	*19.29*	0	0	*20*	0	*96.4*	*75-120*	0
Surr: 4-Bromofluorobenzene	*19.6*	0	0	*20*	0	*98*	*80-110*	0
Surr: Dibromofluoromethane	*19.68*	0	0	*20*	0	*98.4*	*85-115*	0
Surr: Toluene-d8	*19.43*	0	0	*20*	0	*97.2*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

MS Sample ID: **21060704-13A MS** Units: **µg/L** Analysis Date: **6/16/2021 11:15 PM**

Client ID: Run ID: **VMS12_210616A** SeqNo: **7495714** Prep Date: DF: **25**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	461	12	25	500	0	92.2	75-130	0			
1,1,2,2-Tetrachloroethane	444.8	10	25	500	0	89	75-130	0			
1,1,2-Trichloroethane	425.8	12	25	500	0	85.2	75-125	0			
1,1-Dichloroethane	451.8	11	25	500	0	90.4	68-142	0			
1,1-Dichloroethene	456.8	10	25	500	0	91.4	70-145	0			
1,2,3-Trichlorobenzene	421	10	25	500	0	84.2	70-140	0			
1,2,4-Trichlorobenzene	440.8	11	25	500	0	88.2	70-135	0			
1,2-Dibromo-3-chloropropane	374.8	11	25	500	0	75	60-130	0			
1,2-Dibromoethane	446.2	10	25	500	0	89.2	67-155	0			
1,2-Dichlorobenzene	459.2	8	25	500	0	91.8	70-130	0			
1,2-Dichloroethane	432	11	25	500	0	86.4	78-125	0			
1,2-Dichloropropane	432.8	12	25	500	0	86.6	75-125	0			
1,3-Dichlorobenzene	470.8	8.2	25	500	0	94.2	75-130	0			
1,4-Dichlorobenzene	460	8.8	25	500	0	92	75-130	0			
2-Butanone	600.5	13	120	500	0	120	55-150	0			
2-Hexanone	450.8	15	120	500	0	90.2	60-135	0			
4-Methyl-2-pentanone	546.5	13	25	500	21	105	77-178	0			
Acetone	626.5	160	250	500	237.5	77.8	60-160	0			
Benzene	464.5	12	25	500	0	92.9	70-130	0			
Bromochloromethane	423	11	25	500	0	84.6	72-141	0			
Bromodichloromethane	437.5	12	25	500	0	87.5	75-125	0			
Bromoform	340	14	25	500	0	68	60-125	0			
Bromomethane	217.8	22	25	500	0	43.6	30-185	0			
Carbon disulfide	448	12	25	500	0	89.6	60-165	0			
Carbon tetrachloride	438.5	10	25	500	0	87.7	65-140	0			
Chlorobenzene	438.5	10	25	500	0	87.7	80-120	0			
Chloroethane	422.8	17	25	500	0	84.6	31-172	0			
Chloroform	418.8	12	25	500	0	83.8	66-135	0			
Chloromethane	396.5	21	25	500	0	79.3	46-148	0			
cis-1,2-Dichloroethene	443.2	10	25	500	0	88.6	75-134	0			
cis-1,3-Dichloropropene	434.8	14	25	500	0	87	70-130	0			
Dibromochloromethane	354.2	10	25	500	0	70.8	60-115	0			
Dichlorodifluoromethane	415.5	17	25	500	0	83.1	10-180	0			
Ethylbenzene	457.5	8.5	25	500	0	91.5	76-123	0			
Isopropylbenzene	487.5	8.8	25	500	33.25	90.8	80-127	0			
m,p-Xylene	913.5	20	50	1000	0	91.4	75-130	0			
Methyl tert-butyl ether	434	11	25	500	0	86.8	68-129	0			
Methylene chloride	433.5	22	120	500	0	86.7	72-125	0			
o-Xylene	454	7.8	25	500	0	90.8	76-127	0			
Styrene	451.8	8.2	25	500	0	90.4	79-117	0			
Tetrachloroethene	479.5	9.8	25	500	0	95.9	68-166	0			
Toluene	457.5	11	25	500	0	91.5	76-125	0			
trans-1,2-Dichloroethene	457.5	12	25	500	0	91.5	80-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R319917b**	Instrument ID **VMS12**			Method: **SW8260C**				
trans-1,3-Dichloropropene	377.2	9.5	25	500	0	75.4	56-132	0
Trichloroethene	448.8	11	25	500	0	89.8	77-125	0
Trichlorofluoromethane	419.5	13	25	500	0	83.9	60-140	0
Vinyl chloride	432.2	13	25	500	0	86.4	50-136	0
Surr: 1,2-Dichloroethane-d4	*494.5*	0	0	*500*	0	*98.9*	*75-120*	0
Surr: 4-Bromofluorobenzene	*507*	0	0	*500*	0	*101*	*80-110*	0
Surr: Dibromofluoromethane	*476*	0	0	*500*	0	*95.2*	*85-115*	0
Surr: Toluene-d8	*503*	0	0	*500*	0	*101*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

MSD Sample ID: **21060704-13A MSD** Units: **µg/L** Analysis Date: **6/16/2021 11:39 PM**
Client ID: Run ID: **VMS12_210616A** SeqNo: **7495715** Prep Date: DF: **25**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	493.8	12	25	500	0	98.8	75-130	461	6.86	30	
1,1,2,2-Tetrachloroethane	482.2	10	25	500	0	96.4	75-130	444.8	8.09	30	
1,1,2-Trichloroethane	476.2	12	25	500	0	95.2	75-125	425.8	11.2	30	
1,1-Dichloroethane	477.5	11	25	500	0	95.5	68-142	451.8	5.54	30	
1,1-Dichloroethene	495.5	10	25	500	0	99.1	70-145	456.8	8.14	30	
1,2,3-Trichlorobenzene	468.8	10	25	500	0	93.8	70-140	421	10.7	30	
1,2,4-Trichlorobenzene	473	11	25	500	0	94.6	70-135	440.8	7.06	30	
1,2-Dibromo-3-chloropropane	392.5	11	25	500	0	78.5	60-130	374.8	4.63	30	
1,2-Dibromoethane	491.2	10	25	500	0	98.2	67-155	446.2	9.6	30	
1,2-Dichlorobenzene	489.8	8	25	500	0	98	70-130	459.2	6.43	30	
1,2-Dichloroethane	467	11	25	500	0	93.4	78-125	432	7.79	30	
1,2-Dichloropropane	473	12	25	500	0	94.6	75-125	432.8	8.89	30	
1,3-Dichlorobenzene	508.8	8.2	25	500	0	102	75-130	470.8	7.76	30	
1,4-Dichlorobenzene	492.5	8.8	25	500	0	98.5	75-130	460	6.82	30	
2-Butanone	508	13	120	500	0	102	55-150	600.5	16.7	30	
2-Hexanone	485.8	15	120	500	0	97.2	60-135	450.8	7.47	30	
4-Methyl-2-pentanone	604.2	13	25	500	21	117	77-178	546.5	10	30	
Acetone	682.2	160	250	500	237.5	89	60-160	626.5	8.52	30	
Benzene	506.8	12	25	500	0	101	70-130	464.5	8.7	30	
Bromochloromethane	457.2	11	25	500	0	91.4	72-141	423	7.78	30	
Bromodichloromethane	474	12	25	500	0	94.8	75-125	437.5	8.01	30	
Bromoform	361	14	25	500	0	72.2	60-125	340	5.99	30	
Bromomethane	370.8	22	25	500	0	74.2	30-185	217.8	52	30	R
Carbon disulfide	493.8	12	25	500	0	98.8	60-165	448	9.72	30	
Carbon tetrachloride	481.2	10	25	500	0	96.2	65-140	438.5	9.3	30	
Chlorobenzene	484.5	10	25	500	0	96.9	80-120	438.5	9.97	30	
Chloroethane	456.2	17	25	500	0	91.2	31-172	422.8	7.62	30	
Chloroform	462	12	25	500	0	92.4	66-135	418.8	9.82	30	
Chloromethane	430.2	21	25	500	0	86	46-148	396.5	8.16	30	
cis-1,2-Dichloroethene	475	10	25	500	0	95	75-134	443.2	6.92	30	
cis-1,3-Dichloropropene	455.2	14	25	500	0	91	70-130	434.8	4.61	30	
Dibromochloromethane	389.8	10	25	500	0	78	60-115	354.2	9.54	30	
Dichlorodifluoromethane	446.8	17	25	500	0	89.4	10-180	415.5	7.25	30	
Ethylbenzene	494	8.5	25	500	0	98.8	76-123	457.5	7.67	30	
Isopropylbenzene	533.5	8.8	25	500	33.25	100	80-127	487.5	9.01	30	
m,p-Xylene	993	20	50	1000	0	99.3	75-130	913.5	8.34	30	
Methyl tert-butyl ether	469	11	25	500	0	93.8	68-129	434	7.75	30	
Methylene chloride	472.5	22	120	500	0	94.5	72-125	433.5	8.61	30	
o-Xylene	496.2	7.8	25	500	0	99.2	76-127	454	8.89	30	
Styrene	496.2	8.2	25	500	0	99.2	79-117	451.8	9.39	30	
Tetrachloroethene	512.2	9.8	25	500	0	102	68-166	479.5	6.6	30	
Toluene	499	11	25	500	0	99.8	76-125	457.5	8.68	30	
trans-1,2-Dichloroethene	487.5	12	25	500	0	97.5	80-140	457.5	6.35	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R319917b** Instrument ID **VMS12** Method: **SW8260C**

trans-1,3-Dichloropropene	410	9.5	25	500	0	82	56-132	377.2	8.32	30
Trichloroethene	482.8	11	25	500	0	96.6	77-125	448.8	7.3	30
Trichlorofluoromethane	448.5	13	25	500	0	89.7	60-140	419.5	6.68	30
Vinyl chloride	461.8	13	25	500	0	92.4	50-136	432.2	6.6	30
Surr: 1,2-Dichloroethane-d4	*486*	0	0	*500*	0	*97.2*	*75-120*	494.5	*1.73*	*30*
Surr: 4-Bromofluorobenzene	*506.8*	0	0	*500*	0	*101*	*80-110*	507	*0.0493*	*30*
Surr: Dibromofluoromethane	*469.8*	0	0	*500*	0	*94*	*85-115*	476	*1.32*	*30*
Surr: Toluene-d8	*510.5*	0	0	*500*	0	*102*	*85-110*	503	*1.48*	*30*

The following samples were analyzed in this batch:

21060688-01A	21060688-02A	21060688-03A
21060688-04A	21060688-05A	21060688-08A
21060688-09A	21060688-10A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 21060688
Project: Advance Auto Parts (103G65210190.06.03)

QC BATCH REPORT

Batch ID: **R319972A** Instrument ID **VMS10** Method: **SW8260C**

MBLK Sample ID: **10V-BLKW2-210616-R319972A** Units: **µg/L** Analysis Date: **6/16/2021 02:25 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495301** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	U	0.68	1.0								
Surr: 1,2-Dichloroethane-d4	*20.78*	0	0	*20*	0	*104*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*19.51*	0	0	*20*	0	*97.6*	*80-110*	0			
Surr: Dibromofluoromethane	*20.15*	0	0	*20*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*20.17*	0	0	*20*	0	*101*	*85-110*	0			

LCS Sample ID: **10V-LCSW2-210616-R319972A** Units: **µg/L** Analysis Date: **6/16/2021 01:35 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495299** Prep Date: DF: **1**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	15.21	0.68	1.0	20	0	76	31-172	0			
Surr: 1,2-Dichloroethane-d4	*20.76*	0	0	*20*	0	*104*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*20.66*	0	0	*20*	0	*103*	*80-110*	0			
Surr: Dibromofluoromethane	*20.3*	0	0	*20*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*20.54*	0	0	*20*	0	*103*	*85-110*	0			

MS Sample ID: **21060887-02B MS** Units: **µg/L** Analysis Date: **6/16/2021 08:40 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495322** Prep Date: DF: **10**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	269.7	6.8	10	200	0	135	31-172	0			
Surr: 1,2-Dichloroethane-d4	*201.9*	0	0	*200*	0	*101*	*75-120*	0			
Surr: 4-Bromofluorobenzene	*203*	0	0	*200*	0	*102*	*80-110*	0			
Surr: Dibromofluoromethane	*198.7*	0	0	*200*	0	*99.4*	*85-115*	0			
Surr: Toluene-d8	*205.3*	0	0	*200*	0	*103*	*85-110*	0			

MSD Sample ID: **21060887-02B MSD** Units: **µg/L** Analysis Date: **6/16/2021 08:57 PM**
Client ID: Run ID: **VMS10_210616B** SeqNo: **7495323** Prep Date: DF: **10**

Analyte	Result	MDL	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloroethane	260.3	6.8	10	200	0	130	31-172	269.7	3.55	30	
Surr: 1,2-Dichloroethane-d4	*203*	0	0	*200*	0	*102*	*75-120*	201.9	*0.543*	*30*	
Surr: 4-Bromofluorobenzene	*196.2*	0	0	*200*	0	*98.1*	*80-110*	203	*3.41*	*30*	
Surr: Dibromofluoromethane	*199.8*	0	0	*200*	0	*99.9*	*85-115*	198.7	*0.552*	*30*	
Surr: Toluene-d8	*202.1*	0	0	*200*	0	*101*	*85-110*	205.3	*1.57*	*30*	

The following samples were analyzed in this batch: 21060688-06A 21060688-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Cincinnati, OH +1 513 733 5336
Fort Collins, CO +1 970 490 1511
Everett, WA +1 425 356 2600
Holland, MI +1 616 399 6070
Houston, TX +1 281 530 5656
Spring City, PA +1 610 948 4903
South Charleston, WV +1 304 356 3168
Middletown, PA +1 717 944 5541
Salt Lake City, UT +1 801 266 7700
York, PA +1 717 505 5280

Chain of Custody Form

Page 1 of 1

COC ID: 230537

ALS Project Manager: EB

ALS Work Order #: 21060688

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Advanced Auto Parts / Former Fashion R Boutique	A	VOC
Work Order		Project Number	103G65210190.06.03	B	SVOC
Company Name	Tetra Tech	Bill To Company	Tetra Tech	C	TPH-GRO
Send Report To	Kaitlyn Mitchell	Invoice Attn	Accounts Payable	D	TPH-DRO
Address	415 Oak Street	Address	415 Oak Street	E	TPH-ORO
				F	RCRA Metals Total
City/State/Zip	Kansas City, MO 64106	City/State/Zip	Kansas City, MO 64106	G	RCRA Metals Dissolved
Phone	(816) 412-1755	Phone	(816) 412-1755	H	Mercury
Fax	(816) 410-1748	Fax	(816) 410-1748	I	
e-Mail Address	Kaitlyn.mitchell@tetratech.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	9844 - B1	6/3/21	1410	GW	7	10	X	X	X	X	X	X	X	X			
2	-B2		1445			10	X	X	X	X	X	X	X	X			
3	-B4		1500			10	X	X	X	X	X	X	X	X			
4	-B5		1520			10	X	X	X	X	X	X	X	X			
5	-B6		1545			5	X	X	X	X	X						
6	-FB		1420			10	X	X	X	X	X	X	X	X			
7	-RN		1335			10	X	X	X	X	X	X	X	X			
8	Trip Blank - 1	N/A	N/A			2	X										
9	-2					2	X										
10	-3					2	X										

Sampler(s) Please Print & Sign: Zach Usher

Shipment Method: FedEx

Required Turnaround Time: (Check Box) [X] Std 10 WK Days [ ] 5 WK Days [ ] Other [ ] 2 WK Days [ ] 24 Hour

Results Due Date:

Relinquished by:		Date: 6/4/21	Time: 1200	Received by: FEDEX
Relinquished by: FEDEX		Date: 6/7/21	Time: 1000	Received by (Laboratory):
Logged by (Laboratory): KE		Date: 6/7/21	Time: 1620	Checked by (Laboratory): EB

Notes: 1 Trip Blank sent per cooler

Cooler ID	Cooler Temp.
IR3	22.6°C
PM27	22.1°C
	22.4°C

QC Package: (Check One Box Below)
[ ] Level II Std QC [ ] TRRP CheckList
[ ] Level III Std QC/Raw Data [ ] TRRP Level IV
[ ] Level IV SW846/CLP
[ ] Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note:
1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ALS Group, USA

Sample Receipt Checklist

Client Name: **TETRATECH - MO** Date/Time Received: **07-Jun-21 10:00**

Work Order: **21060688** Received by: **KRW**

Checklist completed by Keith Wierenga (eSignature) 07-Jun-21 (Date) Reviewed by: Ehrland Bosworth (eSignature) 07-Jun-21 (Date)

Matrices: Water

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Sample(s) received on ice?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	22.6, 22.1, 22.4 C	IR3	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	6/7/2021 4:22:38 PM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:	-		

Login Notes: Melted ice in all coolers.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

LABORATORY REPORT

June 24, 2021

Kaitlyn Mitchell
Tetra Tech, Incorporated
415 Oak Street
Kansas City, MO 64106

RE: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

Dear Kaitlyn:

Enclosed are the results of the samples submitted to our laboratory on June 4, 2021. For your reference, these analyses have been assigned our service request number P2103070.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 11:28 am, Jun 24, 2021

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Tetra Tech, Incorporated Service Request No: P2103070
Project: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

CASE NARRATIVE

The samples were received intact under chain of custody on June 4, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The minimum criteria for chloromethane and d-limonene were not met in the Continuing Calibration Verification (CCV) analyzed on June 22, 2021, and chloromethane, methyl tert-butyl ether and d-limonene analyzed on June 23, 2021. In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analytes of concern was analyzed each day of analysis. The MRL check standard verified that instrument sensitivity was adequate to detect the analytes at the MRL on the day of analysis. Because the sensitivity was shown to be adequate to detect the compounds in question, the data quality has not been significantly affected. No further corrective action was taken.

The lower control criterion was exceeded for methyl tert-butyl ether in the Laboratory Control Sample (LCS) analyzed on June 22 and 23, 2021. The error associated with the reduced recovery equates to a potential low bias. However, a Method Reporting Limit (MRL) check standard containing the analyte of concern was analyzed and verified that instrument sensitivity was adequate to detect the analyte at the MRL on the day of analysis. Since the sensitivity was verified, the data quality has not been significantly affected. No further corrective action was taken.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Tetra Tech, Incorporated Service Request: P2103070

Project ID: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

Date Received: 6/4/2021

Time Received: 16:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
9844-SV1	P2103070-001	Air	6/2/2021	10:02	SC02235	-3.21	3.74	X
9844-SV2	P2103070-002	Air	6/2/2021	10:48	SC00515	-2.96	3.60	X
9844-SV3	P2103070-003	Air	6/2/2021	11:30	SC02030	-2.41	3.83	X
9844-SV4	P2103070-004	Air	6/2/2021	12:00	SC00652	-1.62	3.78	X
9844-SV5	P2103070-005	Air	6/2/2021	12:43	SC00205	-2.65	3.69	X
9844-SV6	P2103070-006	Air	6/2/2021	13:19	SC02314	-3.84	3.79	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 1

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) (0 Day-Standard)

ALS Project No. 210 3070

ALS Contact:

Company Name & Address (Reporting Information)	Project Name	Analysis Method	Comments e.g. Actual Preservative or specific instructions
Tetra Tech 415 Oak St Kansas City, MO 64106	Advanced Auto Parts / Former Fashion Boutique	VOC TO-15	
Project Manager: Kaitlyn Mitchell	Project Number: 103G652101 90.06.03		
Phone: 816-412-1742 / Fax:	P.O. # / Billing Information		
Email Address for Result Reporting: Kaitlyn.mitchell@tetratech.com	Sampler (Print & Sign): Zach Usher		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	VOC TO-15		
1844-SV1	1	6/2/21	1002	SC02235	N/A	-26	-6	6L	X		
-SV2	2	6/2/21	1048	SC00515	N/A	-23	-6	6L	X		
-SV3	3	6/2/21	1130	SC02030	N/A	-28	-5	6L	X		
-SV4	4	6/2/21	1200	SC00652	N/A	-24	-5	6L	X		
-SV5	X	6/2/21	1243	SC00220S	N/A	-20	-5	6L	X		
-SV6	5	6/2/21	1319	SC02314	N/A	-22	-6	6L	X		

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Report Tier Levels - please select

Tier I - Results (Default if not specified) _____
Tier II (Results + QC Summaries) _____
Tier III (Results + QC & Calibration Summaries) _____
Tier IV (Data Validation Package) 10% Surcharge _____

EDD required Yes / No
Type: _____ Units: _____

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	6/3/21	1606			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
				6-4-21	1600

Cooler / Blank Temperature ____ °C

ALS Environmental
Sample Acceptance Check Form

Client: Tetra Tech, Incorporated Work order: P2103070

Project: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

Sample(s) received on: 6/4/21 Date opened: 6/4/21 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2103070-001.01	6.0 L Source Can					
P2103070-002.01	6.0 L Source Can					
P2103070-003.01	6.0 L Source Can					
P2103070-004.01	6.0 L Source Can					
P2103070-005.01	6.0 L Source Can					
P2103070-006.01	6.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV1** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-001

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: SC02235

Initial Pressure (psig): -3.21 Final Pressure (psig): 3.74

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**38**	8.3	**22**	4.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	8.3	ND	1.7	
74-87-3	Chloromethane	ND	8.3	ND	4.0	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	8.3	ND	1.2	
75-01-4	Vinyl Chloride	ND	8.5	ND	3.3	
106-99-0	1,3-Butadiene	ND	8.3	ND	3.8	
74-83-9	Bromomethane	ND	8.3	ND	2.1	
75-00-3	Chloroethane	ND	8.3	ND	3.2	
64-17-5	Ethanol	ND	85	ND	45	
75-05-8	Acetonitrile	ND	8.5	ND	5.1	
107-02-8	Acrolein	ND	18	ND	7.7	
67-64-1	Acetone	ND	83	ND	35	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	8.2	ND	1.5	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	16	ND	6.5	
107-13-1	Acrylonitrile	ND	16	ND	7.4	
75-35-4	1,1-Dichloroethene	ND	8.3	ND	2.1	
75-09-2	Methylene Chloride	ND	8.3	ND	2.4	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	8.3	ND	2.7	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	8.5	ND	1.1	
75-15-0	Carbon Disulfide	ND	16	ND	5.1	
156-60-5	trans-1,2-Dichloroethene	ND	8.5	ND	2.1	
75-34-3	1,1-Dichloroethane	ND	8.6	ND	2.1	
1634-04-4	Methyl tert-Butyl Ether	ND	8.3	ND	2.3	
108-05-4	Vinyl Acetate	ND	88	ND	25	
78-93-3	2-Butanone (MEK)	**38**	16	**13**	5.4	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV1** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-001

Test Code:	EPA TO-15	Date Collected:	6/2/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/22/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	0.10 Liter(s)
Test Notes:			
Container ID:	SC02235		

Initial Pressure (psig): -3.21 Final Pressure (psig): 3.74

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	8.3	ND	2.1	
141-78-6	Ethyl Acetate	**17**	16	**4.6**	4.4	
110-54-3	n-Hexane	**15**	8.3	**4.3**	2.4	
67-66-3	Chloroform	ND	8.5	ND	1.7	
109-99-9	Tetrahydrofuran (THF)	ND	16	ND	5.4	
107-06-2	1,2-Dichloroethane	ND	8.3	ND	2.1	
71-55-6	1,1,1-Trichloroethane	ND	8.3	ND	1.5	
71-43-2	Benzene	ND	8.3	ND	2.6	
56-23-5	Carbon Tetrachloride	ND	8.2	ND	1.3	
110-82-7	Cyclohexane	ND	16	ND	4.7	
78-87-5	1,2-Dichloropropane	ND	8.3	ND	1.8	
75-27-4	Bromodichloromethane	ND	8.3	ND	1.2	
79-01-6	Trichloroethene	ND	8.2	ND	1.5	
123-91-1	1,4-Dioxane	ND	8.3	ND	2.3	
80-62-6	Methyl Methacrylate	**71**	16	**17**	3.9	
142-82-5	n-Heptane	**14**	8.3	**3.5**	2.0	
10061-01-5	cis-1,3-Dichloropropene	ND	8.5	ND	1.9	
108-10-1	4-Methyl-2-pentanone	ND	16	ND	3.9	
10061-02-6	trans-1,3-Dichloropropene	ND	8.2	ND	1.8	
79-00-5	1,1,2-Trichloroethane	ND	8.3	ND	1.5	
108-88-3	Toluene	**130**	8.3	**34**	2.2	
591-78-6	2-Hexanone	ND	16	ND	3.9	
124-48-1	Dibromochloromethane	ND	8.3	ND	0.98	
106-93-4	1,2-Dibromoethane	ND	8.3	ND	1.1	
123-86-4	n-Butyl Acetate	ND	16	ND	3.4	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV1** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-001

Test Code:	EPA TO-15	Date Collected:	6/2/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/22/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	0.10 Liter(s)
Test Notes:			
Container ID:	SC02235		

Initial Pressure (psig): -3.21 Final Pressure (psig): 3.74

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**11**	8.3	**2.3**	1.8	
127-18-4	Tetrachloroethene	ND	8.3	ND	1.2	
108-90-7	Chlorobenzene	ND	8.3	ND	1.8	
100-41-4	Ethylbenzene	ND	8.3	ND	1.9	
179601-23-1	m,p-Xylenes	**17**	16	**4.0**	3.7	
75-25-2	Bromoform	ND	8.5	ND	0.82	
100-42-5	Styrene	ND	8.3	ND	2.0	
95-47-6	o-Xylene	ND	8.5	ND	2.0	
111-84-2	n-Nonane	ND	8.5	ND	1.6	
79-34-5	1,1,2,2-Tetrachloroethane	ND	8.5	ND	1.2	
98-82-8	Cumene	ND	8.3	ND	1.7	
80-56-8	alpha-Pinene	ND	8.5	ND	1.5	
103-65-1	n-Propylbenzene	ND	8.3	ND	1.7	
622-96-8	4-Ethyltoluene	ND	8.5	ND	1.7	
108-67-8	1,3,5-Trimethylbenzene	ND	8.5	ND	1.7	
95-63-6	1,2,4-Trimethylbenzene	ND	8.3	ND	1.7	
100-44-7	Benzyl Chloride	ND	17	ND	3.2	
541-73-1	1,3-Dichlorobenzene	ND	8.5	ND	1.4	
106-46-7	1,4-Dichlorobenzene	ND	8.3	ND	1.4	
95-50-1	1,2-Dichlorobenzene	ND	8.5	ND	1.4	
5989-27-5	d-Limonene	ND	8.3	ND	1.5	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	16	ND	1.7	
120-82-1	1,2,4-Trichlorobenzene	ND	16	ND	2.2	
91-20-3	Naphthalene	ND	8.3	ND	1.6	
87-68-3	Hexachlorobutadiene	ND	8.3	ND	0.78	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV2** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-002

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: SC00515

Initial Pressure (psig): -2.96 Final Pressure (psig): 3.60

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**180**	4.1	**100**	2.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	4.1	ND	0.82	
74-87-3	Chloromethane	ND	4.1	ND	2.0	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	4.1	ND	0.58	
75-01-4	Vinyl Chloride	ND	4.1	ND	1.6	
106-99-0	1,3-Butadiene	**21**	4.1	**9.4**	1.8	
74-83-9	Bromomethane	ND	4.1	ND	1.0	
75-00-3	Chloroethane	ND	4.1	ND	1.5	
64-17-5	Ethanol	**86**	41	**46**	22	
75-05-8	Acetonitrile	ND	4.1	ND	2.5	
107-02-8	Acrolein	ND	8.6	ND	3.7	
67-64-1	Acetone	**50**	41	**21**	17	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	4.0	ND	0.71	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	7.8	ND	3.2	
107-13-1	Acrylonitrile	ND	7.8	ND	3.6	
75-35-4	1,1-Dichloroethene	ND	4.1	ND	1.0	
75-09-2	Methylene Chloride	ND	4.1	ND	1.2	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	4.1	ND	1.3	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	4.1	ND	0.54	
75-15-0	Carbon Disulfide	**7.8**	7.8	**2.5**	2.5	
156-60-5	trans-1,2-Dichloroethene	ND	4.1	ND	1.0	
75-34-3	1,1-Dichloroethane	ND	4.2	ND	1.0	
1634-04-4	Methyl tert-Butyl Ether	ND	4.1	ND	1.1	
108-05-4	Vinyl Acetate	ND	43	ND	12	
78-93-3	2-Butanone (MEK)	**16**	7.8	**5.5**	2.6	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV2** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-002

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: SC00515

Initial Pressure (psig): -2.96 Final Pressure (psig): 3.60

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	4.1	ND	1.0	
141-78-6	Ethyl Acetate	ND	7.8	ND	2.2	
110-54-3	n-Hexane	**42**	4.1	**12**	1.2	
67-66-3	Chloroform	ND	4.1	ND	0.85	
109-99-9	Tetrahydrofuran (THF)	ND	7.8	ND	2.6	
107-06-2	1,2-Dichloroethane	ND	4.1	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	4.1	ND	0.74	
71-43-2	Benzene	**9.3**	4.1	**2.9**	1.3	
56-23-5	Carbon Tetrachloride	ND	4.0	ND	0.63	
110-82-7	Cyclohexane	ND	7.8	ND	2.3	
78-87-5	1,2-Dichloropropane	ND	4.1	ND	0.88	
75-27-4	Bromodichloromethane	ND	4.1	ND	0.61	
79-01-6	Trichloroethene	ND	4.0	ND	0.74	
123-91-1	1,4-Dioxane	ND	4.1	ND	1.1	
80-62-6	Methyl Methacrylate	ND	7.8	ND	1.9	
142-82-5	n-Heptane	**33**	4.1	**8.0**	0.99	
10061-01-5	cis-1,3-Dichloropropene	ND	4.1	ND	0.91	
108-10-1	4-Methyl-2-pentanone	ND	7.8	ND	1.9	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	ND	0.88	
79-00-5	1,1,2-Trichloroethane	ND	4.1	ND	0.74	
108-88-3	Toluene	**48**	4.1	**13**	1.1	
591-78-6	2-Hexanone	ND	7.8	ND	1.9	
124-48-1	Dibromochloromethane	ND	4.1	ND	0.48	
106-93-4	1,2-Dibromoethane	ND	4.1	ND	0.53	
123-86-4	n-Butyl Acetate	ND	7.8	ND	1.6	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV2** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-002

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: SC00515

Initial Pressure (psig): -2.96 Final Pressure (psig): 3.60

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**21**	4.1	**4.5**	0.87	
127-18-4	Tetrachloroethene	ND	4.1	ND	0.60	
108-90-7	Chlorobenzene	ND	4.1	ND	0.88	
100-41-4	Ethylbenzene	**5.7**	4.1	**1.3**	0.93	
179601-23-1	m,p-Xylenes	**15**	7.8	**3.4**	1.8	
75-25-2	Bromoform	ND	4.1	ND	0.40	
100-42-5	Styrene	ND	4.1	ND	0.95	
95-47-6	o-Xylene	**6.5**	4.1	**1.5**	0.95	
111-84-2	n-Nonane	**15**	4.1	**2.9**	0.79	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.1	ND	0.60	
98-82-8	Cumene	ND	4.1	ND	0.83	
80-56-8	alpha-Pinene	ND	4.1	ND	0.74	
103-65-1	n-Propylbenzene	ND	4.1	ND	0.83	
622-96-8	4-Ethyltoluene	ND	4.1	ND	0.84	
108-67-8	1,3,5-Trimethylbenzene	ND	4.1	ND	0.84	
95-63-6	1,2,4-Trimethylbenzene	**7.7**	4.1	**1.6**	0.83	
100-44-7	Benzyl Chloride	ND	8.2	ND	1.6	
541-73-1	1,3-Dichlorobenzene	ND	4.1	ND	0.69	
106-46-7	1,4-Dichlorobenzene	ND	4.1	ND	0.67	
95-50-1	1,2-Dichlorobenzene	ND	4.1	ND	0.69	
5989-27-5	d-Limonene	ND	4.1	ND	0.73	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.8	ND	0.81	
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	ND	1.1	
91-20-3	Naphthalene	**4.5**	4.1	**0.85**	0.77	
87-68-3	Hexachlorobutadiene	ND	4.1	ND	0.38	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV3** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-003

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: SC02030

Initial Pressure (psig): -2.41 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.51

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**84**	7.9	**49**	4.6	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	7.9	ND	1.6	
74-87-3	Chloromethane	ND	7.9	ND	3.8	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	7.9	ND	1.1	
75-01-4	Vinyl Chloride	ND	8.0	ND	3.1	
106-99-0	1,3-Butadiene	**11**	7.9	**4.9**	3.6	
74-83-9	Bromomethane	ND	7.9	ND	2.0	
75-00-3	Chloroethane	ND	7.9	ND	3.0	
64-17-5	Ethanol	ND	80	ND	42	
75-05-8	Acetonitrile	ND	8.0	ND	4.8	
107-02-8	Acrolein	ND	17	ND	7.2	
67-64-1	Acetone	**150**	79	**62**	33	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	7.7	ND	1.4	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	15	ND	6.1	
107-13-1	Acrylonitrile	ND	15	ND	7.0	
75-35-4	1,1-Dichloroethene	ND	7.9	ND	2.0	
75-09-2	Methylene Chloride	ND	7.9	ND	2.3	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	7.9	ND	2.5	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	8.0	ND	1.0	
75-15-0	Carbon Disulfide	ND	15	ND	4.9	
156-60-5	trans-1,2-Dichloroethene	ND	8.0	ND	2.0	
75-34-3	1,1-Dichloroethane	ND	8.2	ND	2.0	
1634-04-4	Methyl tert-Butyl Ether	ND	7.9	ND	2.2	
108-05-4	Vinyl Acetate	ND	83	ND	24	
78-93-3	2-Butanone (MEK)	**41**	15	**14**	5.1	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV3** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-003

Test Code: EPA TO-15 Date Collected: 6/2/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/22/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)

Test Notes:

Container ID: SC02030

Initial Pressure (psig): -2.41 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.51

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	7.9	ND	2.0	
141-78-6	Ethyl Acetate	ND	15	ND	4.2	
110-54-3	n-Hexane	**23**	7.9	**6.5**	2.2	
67-66-3	Chloroform	ND	8.0	ND	1.6	
109-99-9	Tetrahydrofuran (THF)	ND	15	ND	5.1	
107-06-2	1,2-Dichloroethane	ND	7.9	ND	1.9	
71-55-6	1,1,1-Trichloroethane	ND	7.9	ND	1.4	
71-43-2	Benzene	**17**	7.9	**5.3**	2.5	
56-23-5	Carbon Tetrachloride	ND	7.7	ND	1.2	
110-82-7	Cyclohexane	ND	15	ND	4.4	
78-87-5	1,2-Dichloropropane	ND	7.9	ND	1.7	
75-27-4	Bromodichloromethane	ND	7.9	ND	1.2	
79-01-6	Trichloroethene	ND	7.7	ND	1.4	
123-91-1	1,4-Dioxane	ND	7.9	ND	2.2	
80-62-6	Methyl Methacrylate	ND	15	ND	3.7	
142-82-5	n-Heptane	**21**	7.9	**5.2**	1.9	
10061-01-5	cis-1,3-Dichloropropene	ND	8.0	ND	1.8	
108-10-1	4-Methyl-2-pentanone	ND	15	ND	3.7	
10061-02-6	trans-1,3-Dichloropropene	ND	7.7	ND	1.7	
79-00-5	1,1,2-Trichloroethane	ND	7.9	ND	1.4	
108-88-3	Toluene	**190**	7.9	**50**	2.1	
591-78-6	2-Hexanone	ND	15	ND	3.7	
124-48-1	Dibromochloromethane	ND	7.9	ND	0.92	
106-93-4	1,2-Dibromoethane	ND	7.9	ND	1.0	
123-86-4	n-Butyl Acetate	ND	15	ND	3.2	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV3** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-003

Test Code: EPA TO-15 Date Collected: 6/2/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/22/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)

Test Notes:

Container ID: SC02030

Initial Pressure (psig): -2.41 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.51

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**15**	7.9	**3.3**	1.7	
127-18-4	Tetrachloroethene	ND	7.9	ND	1.2	
108-90-7	Chlorobenzene	ND	7.9	ND	1.7	
100-41-4	Ethylbenzene	**46**	7.9	**11**	1.8	
179601-23-1	m,p-Xylenes	**200**	15	**47**	3.5	
75-25-2	Bromoform	ND	8.0	ND	0.77	
100-42-5	Styrene	ND	7.9	ND	1.8	
95-47-6	o-Xylene	**51**	8.0	**12**	1.8	
111-84-2	n-Nonane	**11**	8.0	**2.2**	1.5	
79-34-5	1,1,2,2-Tetrachloroethane	ND	8.0	ND	1.2	
98-82-8	Cumene	ND	7.9	ND	1.6	
80-56-8	alpha-Pinene	ND	8.0	ND	1.4	
103-65-1	n-Propylbenzene	**14**	7.9	**2.9**	1.6	
622-96-8	4-Ethyltoluene	**21**	8.0	**4.3**	1.6	
108-67-8	1,3,5-Trimethylbenzene	**17**	8.0	**3.5**	1.6	
95-63-6	1,2,4-Trimethylbenzene	**76**	7.9	**15**	1.6	
100-44-7	Benzyl Chloride	ND	16	ND	3.1	
541-73-1	1,3-Dichlorobenzene	ND	8.0	ND	1.3	
106-46-7	1,4-Dichlorobenzene	ND	7.9	ND	1.3	
95-50-1	1,2-Dichlorobenzene	ND	8.0	ND	1.3	
5989-27-5	d-Limonene	**15**	7.9	**2.6**	1.4	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	15	ND	1.6	
120-82-1	1,2,4-Trichlorobenzene	ND	15	ND	2.0	
91-20-3	Naphthalene	**21**	7.9	**4.0**	1.5	
87-68-3	Hexachlorobutadiene	ND	7.9	ND	0.74	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV4** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-004

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: SC00652

Initial Pressure (psig): -1.62 Final Pressure (psig): 3.78

Canister Dilution Factor: 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**49**	0.73	**29**	0.43	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.5**	0.73	**0.30**	0.15	
74-87-3	Chloromethane	ND	0.73	ND	0.36	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.73	ND	0.10	
75-01-4	Vinyl Chloride	ND	0.75	ND	0.29	
106-99-0	1,3-Butadiene	**9.0**	0.73	**4.1**	0.33	
74-83-9	Bromomethane	ND	0.73	ND	0.19	
75-00-3	Chloroethane	ND	0.73	ND	0.28	
64-17-5	Ethanol	**79**	7.5	**42**	4.0	
75-05-8	Acetonitrile	**4.3**	0.75	**2.6**	0.45	
107-02-8	Acrolein	**4.5**	1.6	**1.9**	0.68	
67-64-1	Acetone	**71**	7.3	**30**	3.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	0.72	**0.19**	0.13	
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.5**	1.4	**2.2**	0.57	
107-13-1	Acrylonitrile	ND	1.4	ND	0.65	
75-35-4	1,1-Dichloroethene	ND	0.73	ND	0.19	
75-09-2	Methylene Chloride	**4.8**	0.73	**1.4**	0.21	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.73	ND	0.23	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.75	ND	0.098	
75-15-0	Carbon Disulfide	**5.5**	1.4	**1.8**	0.45	
156-60-5	trans-1,2-Dichloroethene	ND	0.75	ND	0.19	
75-34-3	1,1-Dichloroethane	ND	0.76	ND	0.19	
1634-04-4	Methyl tert-Butyl Ether	ND	0.73	ND	0.20	
108-05-4	Vinyl Acetate	**10**	7.8	**2.9**	2.2	
78-93-3	2-Butanone (MEK)	**19**	1.4	**6.4**	0.48	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV4** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-004

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: SC00652

Initial Pressure (psig): -1.62 Final Pressure (psig): 3.78

Canister Dilution Factor: 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.73	ND	0.19	
141-78-6	Ethyl Acetate	**37**	1.4	**10**	0.39	
110-54-3	n-Hexane	**29**	0.73	**8.3**	0.21	
67-66-3	Chloroform	ND	0.75	ND	0.15	
109-99-9	Tetrahydrofuran (THF)	ND	1.4	ND	0.48	
107-06-2	1,2-Dichloroethane	ND	0.73	ND	0.18	
71-55-6	1,1,1-Trichloroethane	ND	0.73	ND	0.13	
71-43-2	Benzene	**11**	0.73	**3.6**	0.23	
56-23-5	Carbon Tetrachloride	ND	0.72	ND	0.11	
110-82-7	Cyclohexane	**4.8**	1.4	**1.4**	0.41	
78-87-5	1,2-Dichloropropane	ND	0.73	ND	0.16	
75-27-4	Bromodichloromethane	ND	0.73	ND	0.11	
79-01-6	Trichloroethene	ND	0.72	ND	0.13	
123-91-1	1,4-Dioxane	ND	0.73	ND	0.20	
80-62-6	Methyl Methacrylate	ND	1.4	ND	0.34	
142-82-5	n-Heptane	**27**	0.73	**6.5**	0.18	
10061-01-5	cis-1,3-Dichloropropene	ND	0.75	ND	0.16	
108-10-1	4-Methyl-2-pentanone	**2.9**	1.4	**0.72**	0.34	
10061-02-6	trans-1,3-Dichloropropene	ND	0.72	ND	0.16	
79-00-5	1,1,2-Trichloroethane	ND	0.73	ND	0.13	
108-88-3	Toluene	**110**	0.73	**30**	0.19	
591-78-6	2-Hexanone	**6.1**	1.4	**1.5**	0.34	
124-48-1	Dibromochloromethane	ND	0.73	ND	0.086	
106-93-4	1,2-Dibromoethane	ND	0.73	ND	0.095	
123-86-4	n-Butyl Acetate	ND	1.4	ND	0.30	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV4** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-004

Test Code:	EPA TO-15	Date Collected:	6/2/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/22/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			
Container ID:	SC00652		

Initial Pressure (psig): -1.62 Final Pressure (psig): 3.78

Canister Dilution Factor: 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**17**	0.73	**3.6**	0.16	
127-18-4	Tetrachloroethene	ND	0.73	ND	0.11	
108-90-7	Chlorobenzene	ND	0.73	ND	0.16	
100-41-4	Ethylbenzene	**27**	0.73	**6.3**	0.17	
179601-23-1	m,p-Xylenes	**120**	1.4	**27**	0.32	
75-25-2	Bromoform	ND	0.75	ND	0.072	
100-42-5	Styrene	**3.1**	0.73	**0.72**	0.17	
95-47-6	o-Xylene	**29**	0.75	**6.7**	0.17	
111-84-2	n-Nonane	**14**	0.75	**2.6**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.75	ND	0.11	
98-82-8	Cumene	**1.2**	0.73	**0.25**	0.15	
80-56-8	alpha-Pinene	**1.1**	0.75	**0.20**	0.13	
103-65-1	n-Propylbenzene	**6.8**	0.73	**1.4**	0.15	
622-96-8	4-Ethyltoluene	**12**	0.75	**2.4**	0.15	
108-67-8	1,3,5-Trimethylbenzene	**9.6**	0.75	**2.0**	0.15	
95-63-6	1,2,4-Trimethylbenzene	**45**	0.73	**9.1**	0.15	
100-44-7	Benzyl Chloride	ND	1.5	ND	0.29	
541-73-1	1,3-Dichlorobenzene	ND	0.75	ND	0.12	
106-46-7	1,4-Dichlorobenzene	ND	0.73	ND	0.12	
95-50-1	1,2-Dichlorobenzene	ND	0.75	ND	0.12	
5989-27-5	d-Limonene	**5.0**	0.73	**0.89**	0.13	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.4	ND	0.15	
120-82-1	1,2,4-Trichlorobenzene	ND	1.4	ND	0.19	
91-20-3	Naphthalene	**9.9**	0.73	**1.9**	0.14	
87-68-3	Hexachlorobutadiene	ND	0.73	ND	0.069	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV5** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-005

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: SC00205

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.69

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**5.8**	0.80	**3.4**	0.46	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	0.80	**0.44**	0.16	
74-87-3	Chloromethane	ND	0.80	ND	0.39	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.80	ND	0.11	
75-01-4	Vinyl Chloride	ND	0.81	ND	0.32	
106-99-0	1,3-Butadiene	ND	0.80	ND	0.36	
74-83-9	Bromomethane	ND	0.80	ND	0.20	
75-00-3	Chloroethane	ND	0.80	ND	0.30	
64-17-5	Ethanol	**26**	8.1	**14**	4.3	
75-05-8	Acetonitrile	ND	0.81	ND	0.48	
107-02-8	Acrolein	ND	1.7	ND	0.73	
67-64-1	Acetone	**20**	8.0	**8.6**	3.4	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	0.78	**0.20**	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	1.5	**0.72**	0.62	
107-13-1	Acrylonitrile	ND	1.5	ND	0.71	
75-35-4	1,1-Dichloroethene	ND	0.80	ND	0.20	
75-09-2	Methylene Chloride	ND	0.80	ND	0.23	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.80	ND	0.25	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.81	ND	0.11	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	0.81	ND	0.20	
75-34-3	1,1-Dichloroethane	ND	0.83	ND	0.20	
1634-04-4	Methyl tert-Butyl Ether	ND	0.80	ND	0.22	
108-05-4	Vinyl Acetate	ND	8.4	ND	2.4	
78-93-3	2-Butanone (MEK)	**3.2**	1.5	**1.1**	0.52	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV5** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-005

Test Code: EPA TO-15 Date Collected: 6/2/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/22/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: SC00205

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.69

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.80	ND	0.20	
141-78-6	Ethyl Acetate	ND	1.5	ND	0.42	
110-54-3	n-Hexane	**3.9**	0.80	**1.1**	0.23	
67-66-3	Chloroform	ND	0.81	ND	0.17	
109-99-9	Tetrahydrofuran (THF)	ND	1.5	ND	0.52	
107-06-2	1,2-Dichloroethane	ND	0.80	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.80	ND	0.15	
71-43-2	Benzene	**4.4**	0.80	**1.4**	0.25	
56-23-5	Carbon Tetrachloride	ND	0.78	ND	0.12	
110-82-7	Cyclohexane	ND	1.5	ND	0.44	
78-87-5	1,2-Dichloropropane	ND	0.80	ND	0.17	
75-27-4	Bromodichloromethane	ND	0.80	ND	0.12	
79-01-6	Trichloroethene	ND	0.78	ND	0.15	
123-91-1	1,4-Dioxane	ND	0.80	ND	0.22	
80-62-6	Methyl Methacrylate	ND	1.5	ND	0.37	
142-82-5	n-Heptane	**9.3**	0.80	**2.3**	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	0.81	ND	0.18	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	0.78	ND	0.17	
79-00-5	1,1,2-Trichloroethane	ND	0.80	ND	0.15	
108-88-3	Toluene	**85**	0.80	**23**	0.21	
591-78-6	2-Hexanone	ND	1.5	ND	0.37	
124-48-1	Dibromochloromethane	ND	0.80	ND	0.093	
106-93-4	1,2-Dibromoethane	ND	0.80	ND	0.10	
123-86-4	n-Butyl Acetate	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV5** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-005

Test Code:	EPA TO-15	Date Collected:	6/2/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/22/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			
Container ID:	SC00205		

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.69

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**3.6**	0.80	**0.77**	0.17	
127-18-4	Tetrachloroethene	ND	0.80	ND	0.12	
108-90-7	Chlorobenzene	ND	0.80	ND	0.17	
100-41-4	Ethylbenzene	**18**	0.80	**4.2**	0.18	
179601-23-1	m,p-Xylenes	**83**	1.5	**19**	0.35	
75-25-2	Bromoform	ND	0.81	ND	0.078	
100-42-5	Styrene	**1.0**	0.80	**0.23**	0.19	
95-47-6	o-Xylene	**20**	0.81	**4.6**	0.19	
111-84-2	n-Nonane	**3.7**	0.81	**0.70**	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.81	ND	0.12	
98-82-8	Cumene	ND	0.80	ND	0.16	
80-56-8	alpha-Pinene	ND	0.81	ND	0.15	
103-65-1	n-Propylbenzene	**4.7**	0.80	**0.96**	0.16	
622-96-8	4-Ethyltoluene	**9.8**	0.81	**2.0**	0.17	
108-67-8	1,3,5-Trimethylbenzene	**7.2**	0.81	**1.5**	0.17	
95-63-6	1,2,4-Trimethylbenzene	**34**	0.80	**7.0**	0.16	
100-44-7	Benzyl Chloride	ND	1.6	ND	0.31	
541-73-1	1,3-Dichlorobenzene	ND	0.81	ND	0.13	
106-46-7	1,4-Dichlorobenzene	ND	0.80	ND	0.13	
95-50-1	1,2-Dichlorobenzene	ND	0.81	ND	0.13	
5989-27-5	d-Limonene	**3.4**	0.80	**0.61**	0.14	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.5	ND	0.16	
120-82-1	1,2,4-Trichlorobenzene	ND	1.5	ND	0.21	
91-20-3	Naphthalene	**8.2**	0.80	**1.6**	0.15	
87-68-3	Hexachlorobutadiene	ND	0.80	ND	0.075	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV6** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-006

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: SC02314

Initial Pressure (psig): -3.84 Final Pressure (psig): 3.79

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	880	ND	510	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	880	ND	180	
74-87-3	Chloromethane	ND	880	ND	430	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	880	ND	130	
75-01-4	Vinyl Chloride	ND	900	ND	350	
106-99-0	1,3-Butadiene	ND	880	ND	400	
74-83-9	Bromomethane	ND	880	ND	230	
75-00-3	Chloroethane	ND	880	ND	340	
64-17-5	Ethanol	ND	9,000	ND	4,800	
75-05-8	Acetonitrile	ND	900	ND	540	
107-02-8	Acrolein	ND	1,900	ND	820	
67-64-1	Acetone	ND	8,800	ND	3,700	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	870	ND	150	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1,700	ND	690	
107-13-1	Acrylonitrile	ND	1,700	ND	780	
75-35-4	1,1-Dichloroethene	ND	880	ND	220	
75-09-2	Methylene Chloride	ND	880	ND	250	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	880	ND	280	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	900	ND	120	
75-15-0	Carbon Disulfide	ND	1,700	ND	550	
156-60-5	trans-1,2-Dichloroethene	ND	900	ND	230	
75-34-3	1,1-Dichloroethane	ND	920	ND	230	
1634-04-4	Methyl tert-Butyl Ether	ND	880	ND	250	**V**
108-05-4	Vinyl Acetate	ND	9,400	ND	2,700	
78-93-3	2-Butanone (MEK)	ND	1,700	ND	580	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9844-SV6** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-006

Test Code: EPA TO-15 Date Collected: 6/2/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.0010 Liter(s)
Test Notes:
Container ID: SC02314

Initial Pressure (psig): -3.84 Final Pressure (psig): 3.79

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	880	ND	220	
141-78-6	Ethyl Acetate	ND	1,700	ND	470	
110-54-3	n-Hexane	ND	880	ND	250	
67-66-3	Chloroform	ND	900	ND	180	
109-99-9	Tetrahydrofuran (THF)	ND	1,700	ND	580	
107-06-2	1,2-Dichloroethane	ND	880	ND	220	
71-55-6	1,1,1-Trichloroethane	ND	880	ND	160	
71-43-2	Benzene	ND	880	ND	280	
56-23-5	Carbon Tetrachloride	ND	870	ND	140	
110-82-7	Cyclohexane	ND	1,700	ND	490	
78-87-5	1,2-Dichloropropane	ND	880	ND	190	
75-27-4	Bromodichloromethane	ND	880	ND	130	
79-01-6	Trichloroethene	ND	870	ND	160	
123-91-1	1,4-Dioxane	ND	880	ND	250	
80-62-6	Methyl Methacrylate	ND	1,700	ND	420	
142-82-5	n-Heptane	ND	880	ND	220	
10061-01-5	cis-1,3-Dichloropropene	ND	900	ND	200	
108-10-1	4-Methyl-2-pentanone	ND	1,700	ND	410	
10061-02-6	trans-1,3-Dichloropropene	ND	870	ND	190	
79-00-5	1,1,2-Trichloroethane	ND	880	ND	160	
108-88-3	Toluene	ND	880	ND	230	
591-78-6	2-Hexanone	ND	1,700	ND	420	
124-48-1	Dibromochloromethane	ND	880	ND	100	
106-93-4	1,2-Dibromoethane	ND	880	ND	120	
123-86-4	n-Butyl Acetate	ND	1,700	ND	360	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9844-SV6** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103070-006

Test Code:	EPA TO-15	Date Collected:	6/2/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/23/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	0.0010 Liter(s)
Test Notes:			
Container ID:	SC02314		

Initial Pressure (psig): -3.84 Final Pressure (psig): 3.79

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	880	ND	190	
127-18-4	Tetrachloroethene	ND	880	ND	130	
108-90-7	Chlorobenzene	ND	880	ND	190	
100-41-4	Ethylbenzene	ND	880	ND	200	
179601-23-1	m,p-Xylenes	ND	1,700	ND	390	
75-25-2	Bromoform	ND	900	ND	87	
100-42-5	Styrene	ND	880	ND	210	
95-47-6	o-Xylene	ND	900	ND	210	
111-84-2	n-Nonane	ND	900	ND	170	
79-34-5	1,1,2,2-Tetrachloroethane	ND	900	ND	130	
98-82-8	Cumene	ND	880	ND	180	
80-56-8	alpha-Pinene	ND	900	ND	160	
103-65-1	n-Propylbenzene	ND	880	ND	180	
622-96-8	4-Ethyltoluene	ND	900	ND	180	
108-67-8	1,3,5-Trimethylbenzene	ND	900	ND	180	
95-63-6	1,2,4-Trimethylbenzene	ND	880	ND	180	
100-44-7	Benzyl Chloride	ND	1,800	ND	340	
541-73-1	1,3-Dichlorobenzene	ND	900	ND	150	
106-46-7	1,4-Dichlorobenzene	ND	880	ND	150	
95-50-1	1,2-Dichlorobenzene	ND	900	ND	150	
5989-27-5	d-Limonene	ND	880	ND	160	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	1,700	ND	180	
120-82-1	1,2,4-Trichlorobenzene	ND	1,700	ND	230	
91-20-3	Naphthalene	ND	880	ND	170	
87-68-3	Hexachlorobutadiene	ND	880	ND	83	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Method Blank** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210622-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.52	ND	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.52	ND	0.11	
74-87-3	Chloromethane	ND	0.52	ND	0.25	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.52	ND	0.074	
75-01-4	Vinyl Chloride	ND	0.53	ND	0.21	
106-99-0	1,3-Butadiene	ND	0.52	ND	0.24	
74-83-9	Bromomethane	ND	0.52	ND	0.13	
75-00-3	Chloroethane	ND	0.52	ND	0.20	
64-17-5	Ethanol	ND	5.3	ND	2.8	
75-05-8	Acetonitrile	ND	0.53	ND	0.32	
107-02-8	Acrolein	ND	1.1	ND	0.48	
67-64-1	Acetone	ND	5.2	ND	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	0.51	ND	0.091	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.0	ND	0.41	
107-13-1	Acrylonitrile	ND	1.0	ND	0.46	
75-35-4	1,1-Dichloroethene	ND	0.52	ND	0.13	
75-09-2	Methylene Chloride	ND	0.52	ND	0.15	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.52	ND	0.17	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.53	ND	0.069	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	0.53	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.54	ND	0.13	
1634-04-4	Methyl tert-Butyl Ether	ND	0.52	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.5	ND	1.6	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210622-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/22/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.52	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.52	ND	0.15	
67-66-3	Chloroform	ND	0.53	ND	0.11	
109-99-9	Tetrahydrofuran (THF)	ND	1.0	ND	0.34	
107-06-2	1,2-Dichloroethane	ND	0.52	ND	0.13	
71-55-6	1,1,1-Trichloroethane	ND	0.52	ND	0.095	
71-43-2	Benzene	ND	0.52	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.51	ND	0.081	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.52	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.52	ND	0.078	
79-01-6	Trichloroethene	ND	0.51	ND	0.095	
123-91-1	1,4-Dioxane	ND	0.52	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.52	ND	0.13	
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	ND	0.12	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	0.51	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.52	ND	0.095	
108-88-3	Toluene	ND	0.52	ND	0.14	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	0.52	ND	0.061	
106-93-4	1,2-Dibromoethane	ND	0.52	ND	0.068	
123-86-4	n-Butyl Acetate	ND	1.0	ND	0.21	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210622-MB

Test Code:	EPA TO-15	Date Collected:	NA
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	NA
Analyst:	Wida Ang	Date Analyzed:	6/22/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.52	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.52	ND	0.077	
108-90-7	Chlorobenzene	ND	0.52	ND	0.11	
100-41-4	Ethylbenzene	ND	0.52	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.53	ND	0.051	
100-42-5	Styrene	ND	0.52	ND	0.12	
95-47-6	o-Xylene	ND	0.53	ND	0.12	
111-84-2	n-Nonane	ND	0.53	ND	0.10	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	ND	0.077	
98-82-8	Cumene	ND	0.52	ND	0.11	
80-56-8	alpha-Pinene	ND	0.53	ND	0.095	
103-65-1	n-Propylbenzene	ND	0.52	ND	0.11	
622-96-8	4-Ethyltoluene	ND	0.53	ND	0.11	
108-67-8	1,3,5-Trimethylbenzene	ND	0.53	ND	0.11	
95-63-6	1,2,4-Trimethylbenzene	ND	0.52	ND	0.11	
100-44-7	Benzyl Chloride	ND	1.1	ND	0.20	
541-73-1	1,3-Dichlorobenzene	ND	0.53	ND	0.088	
106-46-7	1,4-Dichlorobenzene	ND	0.52	ND	0.087	
95-50-1	1,2-Dichlorobenzene	ND	0.53	ND	0.088	
5989-27-5	d-Limonene	ND	0.52	ND	0.093	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	ND	0.10	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ND	0.13	
91-20-3	Naphthalene	ND	0.52	ND	0.099	
87-68-3	Hexachlorobutadiene	ND	0.52	ND	0.049	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Method Blank** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.52	ND	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.52	ND	0.11	
74-87-3	Chloromethane	ND	0.52	ND	0.25	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.52	ND	0.074	
75-01-4	Vinyl Chloride	ND	0.53	ND	0.21	
106-99-0	1,3-Butadiene	ND	0.52	ND	0.24	
74-83-9	Bromomethane	ND	0.52	ND	0.13	
75-00-3	Chloroethane	ND	0.52	ND	0.20	
64-17-5	Ethanol	ND	5.3	ND	2.8	
75-05-8	Acetonitrile	ND	0.53	ND	0.32	
107-02-8	Acrolein	ND	1.1	ND	0.48	
67-64-1	Acetone	ND	5.2	ND	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	0.51	ND	0.091	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.0	ND	0.41	
107-13-1	Acrylonitrile	ND	1.0	ND	0.46	
75-35-4	1,1-Dichloroethene	ND	0.52	ND	0.13	
75-09-2	Methylene Chloride	ND	0.52	ND	0.15	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.52	ND	0.17	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.53	ND	0.069	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	0.53	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.54	ND	0.13	
1634-04-4	Methyl tert-Butyl Ether	ND	0.52	ND	0.14	**V**
108-05-4	Vinyl Acetate	ND	5.5	ND	1.6	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/23/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.52	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.52	ND	0.15	
67-66-3	Chloroform	ND	0.53	ND	0.11	
109-99-9	Tetrahydrofuran (THF)	ND	1.0	ND	0.34	
107-06-2	1,2-Dichloroethane	ND	0.52	ND	0.13	
71-55-6	1,1,1-Trichloroethane	ND	0.52	ND	0.095	
71-43-2	Benzene	ND	0.52	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.51	ND	0.081	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.52	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.52	ND	0.078	
79-01-6	Trichloroethene	ND	0.51	ND	0.095	
123-91-1	1,4-Dioxane	ND	0.52	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.52	ND	0.13	
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	ND	0.12	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	0.51	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.52	ND	0.095	
108-88-3	Toluene	ND	0.52	ND	0.14	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	0.52	ND	0.061	
106-93-4	1,2-Dibromoethane	ND	0.52	ND	0.068	
123-86-4	n-Butyl Acetate	ND	1.0	ND	0.21	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103070

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-MB

Test Code:	EPA TO-15	Date Collected:	NA
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received:	NA
Analyst:	Wida Ang	Date Analyzed:	6/23/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.52	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.52	ND	0.077	
108-90-7	Chlorobenzene	ND	0.52	ND	0.11	
100-41-4	Ethylbenzene	ND	0.52	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.53	ND	0.051	
100-42-5	Styrene	ND	0.52	ND	0.12	
95-47-6	o-Xylene	ND	0.53	ND	0.12	
111-84-2	n-Nonane	ND	0.53	ND	0.10	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	ND	0.077	
98-82-8	Cumene	ND	0.52	ND	0.11	
80-56-8	alpha-Pinene	ND	0.53	ND	0.095	
103-65-1	n-Propylbenzene	ND	0.52	ND	0.11	
622-96-8	4-Ethyltoluene	ND	0.53	ND	0.11	
108-67-8	1,3,5-Trimethylbenzene	ND	0.53	ND	0.11	
95-63-6	1,2,4-Trimethylbenzene	ND	0.52	ND	0.11	
100-44-7	Benzyl Chloride	ND	1.1	ND	0.20	
541-73-1	1,3-Dichlorobenzene	ND	0.53	ND	0.088	
106-46-7	1,4-Dichlorobenzene	ND	0.52	ND	0.087	
95-50-1	1,2-Dichlorobenzene	ND	0.53	ND	0.088	
5989-27-5	d-Limonene	ND	0.52	ND	0.093	**V**
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	ND	0.10	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ND	0.13	
91-20-3	Naphthalene	ND	0.52	ND	0.099	
87-68-3	Hexachlorobutadiene	ND	0.52	ND	0.049	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Tetra Tech, Incorporated**
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Project ID: P2103070

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 6/2/21
Analyst: Wida Ang Date(s) Received: 6/4/21
Sample Type: 6.0 L Summa Canister(s) Date(s) Analyzed: 6/22 - 6/23/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210622-MB	**95**	**100**	**101**	70-130	
Method Blank	P210623-MB	**87**	**110**	**113**	70-130	
Lab Control Sample	P210622-LCS	**95**	**98**	**101**	70-130	
Lab Control Sample	P210623-LCS	**87**	**109**	**115**	70-130	
9844-SV1	P2103070-001	**97**	**97**	**99**	70-130	
9844-SV2	P2103070-002	**95**	**100**	**98**	70-130	
9844-SV3	P2103070-003	**95**	**96**	**99**	70-130	
9844-SV4	P2103070-004	**93**	**99**	**99**	70-130	
9844-SV5	P2103070-005	**92**	**103**	**103**	70-130	
9844-SV6	P2103070-006	**87**	**108**	**111**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210622-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**179**	**85**	56-128	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**187**	**89**	71-112	
74-87-3	Chloromethane	206	**144**	**70**	53-126	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	216	**190**	**88**	62-121	
75-01-4	Vinyl Chloride	208	**164**	**79**	63-123	
106-99-0	1,3-Butadiene	210	**168**	**80**	63-135	
74-83-9	Bromomethane	212	**184**	**87**	71-112	
75-00-3	Chloroethane	204	**167**	**82**	66-117	
64-17-5	Ethanol	998	**779**	**78**	57-117	
75-05-8	Acetonitrile	202	**188**	**93**	59-131	
107-02-8	Acrolein	436	**320**	**73**	71-123	
67-64-1	Acetone	1,030	**752**	**73**	60-117	
75-69-4	Trichlorofluoromethane (CFC 11)	204	**195**	**96**	71-114	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	**335**	**82**	61-124	
107-13-1	Acrylonitrile	410	**349**	**85**	65-130	
75-35-4	1,1-Dichloroethene	212	**188**	**89**	74-114	
75-09-2	Methylene Chloride	208	**190**	**91**	75-112	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	210	**206**	**98**	57-127	
76-13-1	Trichlorotrifluoroethane (CFC 113)	214	**200**	**93**	73-114	
75-15-0	Carbon Disulfide	428	**395**	**92**	70-113	
156-60-5	trans-1,2-Dichloroethene	212	**190**	**90**	76-119	
75-34-3	1,1-Dichloroethane	212	**177**	**83**	70-114	
1634-04-4	Methyl tert-Butyl Ether	212	**109**	**51**	72-118	**L**
108-05-4	Vinyl Acetate	1,100	**787**	**72**	56-137	
78-93-3	2-Butanone (MEK)	412	**404**	**98**	74-121	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased low.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210622-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	208	**178**	**86**	73-117	
141-78-6	Ethyl Acetate	422	**467**	**111**	59-161	
110-54-3	n-Hexane	212	**165**	**78**	55-130	
67-66-3	Chloroform	214	**195**	**91**	71-114	
109-99-9	Tetrahydrofuran (THF)	400	**359**	**90**	73-114	
107-06-2	1,2-Dichloroethane	208	**189**	**91**	71-119	
71-55-6	1,1,1-Trichloroethane	206	**183**	**89**	73-119	
71-43-2	Benzene	204	**180**	**88**	72-113	
56-23-5	Carbon Tetrachloride	210	**195**	**93**	67-123	
110-82-7	Cyclohexane	416	**369**	**89**	70-119	
78-87-5	1,2-Dichloropropane	206	**169**	**82**	70-118	
75-27-4	Bromodichloromethane	210	**195**	**93**	74-119	
79-01-6	Trichloroethene	206	**192**	**93**	74-115	
123-91-1	1,4-Dioxane	208	**196**	**94**	77-124	
80-62-6	Methyl Methacrylate	416	**435**	**105**	78-126	
142-82-5	n-Heptane	210	**191**	**91**	70-119	
10061-01-5	cis-1,3-Dichloropropene	210	**213**	**101**	81-126	
108-10-1	4-Methyl-2-pentanone	416	**342**	**82**	73-129	
10061-02-6	trans-1,3-Dichloropropene	202	**221**	**109**	80-127	
79-00-5	1,1,2-Trichloroethane	206	**192**	**93**	78-117	
108-88-3	Toluene	206	**188**	**91**	70-118	
591-78-6	2-Hexanone	404	**403**	**100**	74-132	
124-48-1	Dibromochloromethane	210	**220**	**105**	69-137	
106-93-4	1,2-Dibromoethane	208	**212**	**102**	76-128	
123-86-4	n-Butyl Acetate	406	**392**	**97**	75-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210622-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/22/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	210	**176**	**84**	68-120	
127-18-4	Tetrachloroethene	206	**180**	**87**	63-130	
108-90-7	Chlorobenzene	206	**200**	**97**	70-118	
100-41-4	Ethylbenzene	206	**195**	**95**	71-123	
179601-23-1	m,p-Xylenes	412	**383**	**93**	67-127	
75-25-2	Bromoform	208	**213**	**102**	65-149	
100-42-5	Styrene	206	**214**	**104**	76-132	
95-47-6	o-Xylene	206	**197**	**96**	69-124	
111-84-2	n-Nonane	208	**193**	**93**	64-127	
79-34-5	1,1,2,2-Tetrachloroethane	206	**197**	**96**	69-128	
98-82-8	Cumene	208	**202**	**97**	69-125	
80-56-8	alpha-Pinene	214	**211**	**99**	68-129	
103-65-1	n-Propylbenzene	208	**197**	**95**	70-127	
622-96-8	4-Ethyltoluene	210	**207**	**99**	69-127	
108-67-8	1,3,5-Trimethylbenzene	206	**202**	**98**	66-129	
95-63-6	1,2,4-Trimethylbenzene	204	**203**	**100**	63-142	
100-44-7	Benzyl Chloride	402	**430**	**107**	73-145	
541-73-1	1,3-Dichlorobenzene	206	**200**	**97**	67-136	
106-46-7	1,4-Dichlorobenzene	204	**195**	**96**	63-134	
95-50-1	1,2-Dichlorobenzene	206	**203**	**99**	64-139	
5989-27-5	d-Limonene	208	**191**	**92**	63-137	
96-12-8	1,2-Dibromo-3-chloropropane	370	**399**	**108**	72-145	
120-82-1	1,2,4-Trichlorobenzene	388	**372**	**96**	62-154	
91-20-3	Naphthalene	198	**200**	**101**	62-156	
87-68-3	Hexachlorobutadiene	210	**168**	**80**	55-142	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**169**	**80**	56-128	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**172**	**82**	71-112	
74-87-3	Chloromethane	206	**128**	**62**	53-126	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	216	**184**	**85**	62-121	
75-01-4	Vinyl Chloride	208	**157**	**75**	63-123	
106-99-0	1,3-Butadiene	210	**157**	**75**	63-135	
74-83-9	Bromomethane	212	**184**	**87**	71-112	
75-00-3	Chloroethane	204	**168**	**82**	66-117	
64-17-5	Ethanol	998	**741**	**74**	57-117	
75-05-8	Acetonitrile	202	**180**	**89**	59-131	
107-02-8	Acrolein	436	**315**	**72**	71-123	
67-64-1	Acetone	1,030	**745**	**72**	60-117	
75-69-4	Trichlorofluoromethane (CFC 11)	204	**177**	**87**	71-114	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	**310**	**76**	61-124	
107-13-1	Acrylonitrile	410	**339**	**83**	65-130	
75-35-4	1,1-Dichloroethene	212	**191**	**90**	74-114	
75-09-2	Methylene Chloride	208	**192**	**92**	75-112	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	210	**193**	**92**	57-127	
76-13-1	Trichlorotrifluoroethane (CFC 113)	214	**201**	**94**	73-114	
75-15-0	Carbon Disulfide	428	**399**	**93**	70-113	
156-60-5	trans-1,2-Dichloroethene	212	**183**	**86**	76-119	
75-34-3	1,1-Dichloroethane	212	**172**	**81**	70-114	
1634-04-4	Methyl tert-Butyl Ether	212	**102**	**48**	72-118	**L**
108-05-4	Vinyl Acetate	1,100	**779**	**71**	56-137	
78-93-3	2-Butanone (MEK)	412	**414**	**100**	74-121	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased low.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	208	**171**	**82**	73-117	
141-78-6	Ethyl Acetate	422	**463**	**110**	59-161	
110-54-3	n-Hexane	212	**157**	**74**	55-130	
67-66-3	Chloroform	214	**185**	**86**	71-114	
109-99-9	Tetrahydrofuran (THF)	400	**366**	**92**	73-114	
107-06-2	1,2-Dichloroethane	208	**170**	**82**	71-119	
71-55-6	1,1,1-Trichloroethane	206	**166**	**81**	73-119	
71-43-2	Benzene	204	**181**	**89**	72-113	
56-23-5	Carbon Tetrachloride	210	**174**	**83**	67-123	
110-82-7	Cyclohexane	416	**365**	**88**	70-119	
78-87-5	1,2-Dichloropropane	206	**168**	**82**	70-118	
75-27-4	Bromodichloromethane	210	**182**	**87**	74-119	
79-01-6	Trichloroethene	206	**190**	**92**	74-115	
123-91-1	1,4-Dioxane	208	**196**	**94**	77-124	
80-62-6	Methyl Methacrylate	416	**434**	**104**	78-126	
142-82-5	n-Heptane	210	**190**	**90**	70-119	
10061-01-5	cis-1,3-Dichloropropene	210	**207**	**99**	81-126	
108-10-1	4-Methyl-2-pentanone	416	**328**	**79**	73-129	
10061-02-6	trans-1,3-Dichloropropene	202	**209**	**103**	80-127	
79-00-5	1,1,2-Trichloroethane	206	**188**	**91**	78-117	
108-88-3	Toluene	206	**207**	**100**	70-118	
591-78-6	2-Hexanone	404	**408**	**101**	74-132	
124-48-1	Dibromochloromethane	210	**229**	**109**	69-137	
106-93-4	1,2-Dibromoethane	208	**229**	**110**	76-128	
123-86-4	n-Butyl Acetate	406	**397**	**98**	75-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103070
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	210	**186**	**89**	68-120	
127-18-4	Tetrachloroethene	206	**202**	**98**	63-130	
108-90-7	Chlorobenzene	206	**219**	**106**	70-118	
100-41-4	Ethylbenzene	206	**210**	**102**	71-123	
179601-23-1	m,p-Xylenes	412	**411**	**100**	67-127	
75-25-2	Bromoform	208	**231**	**111**	65-149	
100-42-5	Styrene	206	**235**	**114**	76-132	
95-47-6	o-Xylene	206	**211**	**102**	69-124	
111-84-2	n-Nonane	208	**197**	**95**	64-127	
79-34-5	1,1,2,2-Tetrachloroethane	206	**216**	**105**	69-128	
98-82-8	Cumene	208	**217**	**104**	69-125	
80-56-8	alpha-Pinene	214	**228**	**107**	68-129	
103-65-1	n-Propylbenzene	208	**213**	**102**	70-127	
622-96-8	4-Ethyltoluene	210	**221**	**105**	69-127	
108-67-8	1,3,5-Trimethylbenzene	206	**218**	**106**	66-129	
95-63-6	1,2,4-Trimethylbenzene	204	**214**	**105**	63-142	
100-44-7	Benzyl Chloride	402	**447**	**111**	73-145	
541-73-1	1,3-Dichlorobenzene	206	**218**	**106**	67-136	
106-46-7	1,4-Dichlorobenzene	204	**213**	**104**	63-134	
95-50-1	1,2-Dichlorobenzene	206	**222**	**108**	64-139	
5989-27-5	d-Limonene	208	**206**	**99**	63-137	
96-12-8	1,2-Dibromo-3-chloropropane	370	**432**	**117**	72-145	
120-82-1	1,2,4-Trichlorobenzene	388	**414**	**107**	62-154	
91-20-3	Naphthalene	198	**216**	**109**	62-156	
87-68-3	Hexachlorobutadiene	210	**184**	**88**	55-142	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

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LABORATORY REPORT

June 25, 2021

Kaitlyn Mitchell
Tetra Tech, Incorporated
415 Oak Street
Kansas City, MO 64106

RE: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

Dear Kaitlyn:

Enclosed are the results of the samples submitted to our laboratory on June 4, 2021. For your reference, these analyses have been assigned our service request number P2103071.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 12:17 pm, Jun 25, 2021

Sue Anderson
Project Manager

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Simi Valley, CA 93065
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Client: Tetra Tech, Incorporated Service Request No: P2103071
Project: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

CASE NARRATIVE

The samples were received intact under chain of custody on June 4, 2021 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

Second source verification standards are analyzed following instrument calibration to verify the accuracy of the calibration standards. This check is evaluated using the same criteria as the continuing calibration verification standard. The upper control criterion was exceeded for ethyl acetate in the second source verification for the ICAL. However the recovery was within the laboratory generated control limits; therefore, the data quality has not been significantly affected. No corrective action was taken.

The minimum criterion for methyl tert-butyl ether was not met in the Laboratory Control Samples (LCS) analyzed on June 23, 2021. In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analyte of concern was analyzed each day of analysis and verified that instrument sensitivity was adequate to detect the analyte at the MRL. Since the compound in question was not detected in the field samples, the data quality has not been significantly affected. No further corrective action was necessary.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.3 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-008
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Tetra Tech, Incorporated Service Request: P2103071

Project ID: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

Date Received: 6/4/2021

Time Received: 16:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
9846-SV1	P2103071-001	Air	6/3/2021	10:04	SC01745	-2.65	3.56			X
9846-SV2	P2103071-002	Air	6/3/2021	10:23	SC02088	-2.76	3.80			X
9846-SV3	P2103071-003	Air	6/3/2021	10:54	SC01757	-4.07	3.66	0.23	3.46	X
9846-SV4	P2103071-004	Air	6/3/2021	11:31	SC00905	-3.05	3.85			X
9846-SV5	P2103071-005	Air	6/3/2021	13:58	SC01476	-2.93	3.80			X
9846-SV6	P2103071-006	Air	6/3/2021	14:06	SC02283	-3.97	3.62			X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time In Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. R2103071

ALS Contact:

Company Name & Address (Reporting Information)	Project Name	Analysis Method
Tetra Tech 415 Oak Street Kansas City, MO 64106	Advanced Auto Parts / Former Fashion Boutique	VOC TO-15
Project Manager: Kaitlyn Mitchell	Project Number: 103G05210190.06.03	
Phone: 816-412-1742 Fax:	P.O. # / Billing Information	
Email Address for Result Reporting: Kaitlyn.mitchell@tetratech.com	Sampler (Print & Sign): Zach Usher	

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	VOC TO-15		Comments e.g. Actual Preservative or specific instructions
9846-SV1	1	6/3/21	1004	SC01745	NA			6L	X		
-SV2	2	6/3/21	1023	SC02886	NA			6L	X		
-SV3	3	6/3/21	1054	SC01757	NA			6L	X		
-SV4	4	6/3/21	1131	SC00905	NA			6L	X		
-SV5	5	6/3/21	1358	SC01476	NA			6L	X		
-SV6	6	6/3/21	1406	SC02283	NA			6L	X		

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: _____ Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	6/3/21	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
				6-4-21	1600

Cooler / Blank Temperature ____ °C

5 of 37

ALS Environmental
Sample Acceptance Check Form

Client: Tetra Tech, Incorporated Work order: P2103071

Project: Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03

Sample(s) received on: 6/4/21 Date opened: 6/4/21 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2103071-001.01	6.0 L Source Can					
P2103071-002.01	6.0 L Source Can					
P2103071-003.01	6.0 L Source Can					
P2103071-004.01	6.0 L Source Can					
P2103071-005.01	6.0 L Source Can					
P2103071-006.01	6.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9846-SV1** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-001

Test Code: EPA TO-15 Date Collected: 6/3/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: SC01745

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**53**	0.79	**31**	0.46	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.5**	0.79	**0.31**	0.16	
74-87-3	Chloromethane	ND	0.79	ND	0.38	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.79	ND	0.11	
75-01-4	Vinyl Chloride	ND	0.81	ND	0.32	
106-99-0	1,3-Butadiene	**26**	0.79	**12**	0.36	
74-83-9	Bromomethane	ND	0.79	ND	0.20	
75-00-3	Chloroethane	ND	0.79	ND	0.30	
64-17-5	Ethanol	**46**	8.1	**24**	4.3	
75-05-8	Acetonitrile	**4.5**	0.81	**2.7**	0.48	
107-02-8	Acrolein	**5.5**	1.7	**2.4**	0.73	
67-64-1	Acetone	**90**	7.9	**38**	3.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	0.78	**0.20**	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.9**	1.5	**1.6**	0.62	
107-13-1	Acrylonitrile	ND	1.5	ND	0.70	
75-35-4	1,1-Dichloroethene	ND	0.79	ND	0.20	
75-09-2	Methylene Chloride	ND	0.79	ND	0.23	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.79	ND	0.25	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.81	ND	0.11	
75-15-0	Carbon Disulfide	**17**	1.5	**5.5**	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	0.81	ND	0.20	
75-34-3	1,1-Dichloroethane	ND	0.82	ND	0.20	
1634-04-4	Methyl tert-Butyl Ether	ND	0.79	ND	0.22	
108-05-4	Vinyl Acetate	ND	8.4	ND	2.4	
78-93-3	2-Butanone (MEK)	**17**	1.5	**5.9**	0.52	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV1** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-001

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/23/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: SC01745

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.79	ND	0.20	
141-78-6	Ethyl Acetate	ND	1.5	ND	0.42	
110-54-3	n-Hexane	**9.2**	0.79	**2.6**	0.22	
67-66-3	Chloroform	ND	0.81	ND	0.17	
109-99-9	Tetrahydrofuran (THF)	ND	1.5	ND	0.52	
107-06-2	1,2-Dichloroethane	ND	0.79	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.79	ND	0.14	
71-43-2	Benzene	**5.5**	0.79	**1.7**	0.25	
56-23-5	Carbon Tetrachloride	ND	0.78	ND	0.12	
110-82-7	Cyclohexane	ND	1.5	ND	0.44	
78-87-5	1,2-Dichloropropane	ND	0.79	ND	0.17	
75-27-4	Bromodichloromethane	ND	0.79	ND	0.12	
79-01-6	Trichloroethene	ND	0.78	ND	0.14	
123-91-1	1,4-Dioxane	**6.8**	0.79	**1.9**	0.22	
80-62-6	Methyl Methacrylate	**1.8**	1.5	**0.44**	0.37	
142-82-5	n-Heptane	**8.5**	0.79	**2.1**	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	0.81	ND	0.18	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	0.78	ND	0.17	
79-00-5	1,1,2-Trichloroethane	ND	0.79	ND	0.14	
108-88-3	Toluene	**34**	0.79	**9.1**	0.21	
591-78-6	2-Hexanone	**2.2**	1.5	**0.54**	0.37	
124-48-1	Dibromochloromethane	ND	0.79	ND	0.093	
106-93-4	1,2-Dibromoethane	ND	0.79	ND	0.10	
123-86-4	n-Butyl Acetate	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV1** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-001

Test Code:	EPA TO-15	Date Collected:	6/3/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/23/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			
Container ID:	SC01745		

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**7.6**	0.79	**1.6**	0.17	
127-18-4	Tetrachloroethene	**0.91**	0.79	**0.13**	0.12	
108-90-7	Chlorobenzene	ND	0.79	ND	0.17	
100-41-4	Ethylbenzene	**2.6**	0.79	**0.61**	0.18	
179601-23-1	m,p-Xylenes	**7.3**	1.5	**1.7**	0.35	
75-25-2	Bromoform	ND	0.81	ND	0.078	
100-42-5	Styrene	**1.4**	0.79	**0.32**	0.19	
95-47-6	o-Xylene	**2.8**	0.81	**0.64**	0.19	
111-84-2	n-Nonane	**3.3**	0.81	**0.62**	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.81	ND	0.12	
98-82-8	Cumene	ND	0.79	ND	0.16	
80-56-8	alpha-Pinene	**1.2**	0.81	**0.22**	0.14	
103-65-1	n-Propylbenzene	**1.0**	0.79	**0.20**	0.16	
622-96-8	4-Ethyltoluene	**1.2**	0.81	**0.25**	0.16	
108-67-8	1,3,5-Trimethylbenzene	**1.1**	0.81	**0.22**	0.16	
95-63-6	1,2,4-Trimethylbenzene	**4.6**	0.79	**0.95**	0.16	
100-44-7	Benzyl Chloride	ND	1.6	ND	0.31	
541-73-1	1,3-Dichlorobenzene	ND	0.81	ND	0.13	
106-46-7	1,4-Dichlorobenzene	ND	0.79	ND	0.13	
95-50-1	1,2-Dichlorobenzene	ND	0.81	ND	0.13	
5989-27-5	d-Limonene	**2.0**	0.79	**0.37**	0.14	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.5	ND	0.16	
120-82-1	1,2,4-Trichlorobenzene	ND	1.5	ND	0.20	
91-20-3	Naphthalene	**4.2**	0.79	**0.80**	0.15	
87-68-3	Hexachlorobutadiene	ND	0.79	ND	0.074	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9846-SV2** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-002

Test Code: EPA TO-15 Date Collected: 6/3/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: SC02088

Initial Pressure (psig): -2.76 Final Pressure (psig): 3.80

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**40**	0.81	**23**	0.47	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.5**	0.81	**0.31**	0.16	
74-87-3	Chloromethane	ND	0.81	ND	0.39	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.81	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.82	ND	0.32	
106-99-0	1,3-Butadiene	**10**	0.81	**4.7**	0.36	
74-83-9	Bromomethane	ND	0.81	ND	0.21	
75-00-3	Chloroethane	ND	0.81	ND	0.31	
64-17-5	Ethanol	**18**	8.2	**9.3**	4.4	
75-05-8	Acetonitrile	**3.4**	0.82	**2.0**	0.49	
107-02-8	Acrolein	**8.0**	1.7	**3.5**	0.74	
67-64-1	Acetone	**59**	8.1	**25**	3.4	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	0.79	**0.19**	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.0**	1.6	**0.81**	0.63	
107-13-1	Acrylonitrile	ND	1.6	ND	0.71	
75-35-4	1,1-Dichloroethene	ND	0.81	ND	0.20	
75-09-2	Methylene Chloride	ND	0.81	ND	0.23	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.81	ND	0.26	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.82	ND	0.11	
75-15-0	Carbon Disulfide	**2.9**	1.6	**0.93**	0.50	
156-60-5	trans-1,2-Dichloroethene	ND	0.82	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.84	ND	0.21	
1634-04-4	Methyl tert-Butyl Ether	**1.1**	0.81	**0.30**	0.22	
108-05-4	Vinyl Acetate	ND	8.5	ND	2.4	
78-93-3	2-Butanone (MEK)	**12**	1.6	**4.0**	0.53	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV2** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-002

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/23/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: SC02088

Initial Pressure (psig): -2.76 Final Pressure (psig): 3.80

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.81	ND	0.20	
141-78-6	Ethyl Acetate	ND	1.6	ND	0.43	
110-54-3	n-Hexane	**6.4**	0.81	**1.8**	0.23	
67-66-3	Chloroform	ND	0.82	ND	0.17	
109-99-9	Tetrahydrofuran (THF)	ND	1.6	ND	0.53	
107-06-2	1,2-Dichloroethane	ND	0.81	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.81	ND	0.15	
71-43-2	Benzene	**4.4**	0.81	**1.4**	0.25	
56-23-5	Carbon Tetrachloride	ND	0.79	ND	0.13	
110-82-7	Cyclohexane	ND	1.6	ND	0.45	
78-87-5	1,2-Dichloropropane	ND	0.81	ND	0.17	
75-27-4	Bromodichloromethane	ND	0.81	ND	0.12	
79-01-6	Trichloroethene	ND	0.79	ND	0.15	
123-91-1	1,4-Dioxane	ND	0.81	ND	0.22	
80-62-6	Methyl Methacrylate	ND	1.6	ND	0.38	
142-82-5	n-Heptane	**4.2**	0.81	**1.0**	0.20	
10061-01-5	cis-1,3-Dichloropropene	ND	0.82	ND	0.18	
108-10-1	4-Methyl-2-pentanone	ND	1.6	ND	0.38	
10061-02-6	trans-1,3-Dichloropropene	ND	0.79	ND	0.17	
79-00-5	1,1,2-Trichloroethane	ND	0.81	ND	0.15	
108-88-3	Toluene	**19**	0.81	**5.2**	0.21	
591-78-6	2-Hexanone	ND	1.6	ND	0.38	
124-48-1	Dibromochloromethane	ND	0.81	ND	0.095	
106-93-4	1,2-Dibromoethane	ND	0.81	ND	0.10	
123-86-4	n-Butyl Acetate	ND	1.6	ND	0.33	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV2** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-002

Test Code:	EPA TO-15	Date Collected:	6/3/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/23/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			
Container ID:	SC02088		

Initial Pressure (psig): -2.76 Final Pressure (psig): 3.80

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**3.1**	0.81	**0.66**	0.17	
127-18-4	Tetrachloroethene	ND	0.81	ND	0.12	
108-90-7	Chlorobenzene	ND	0.81	ND	0.18	
100-41-4	Ethylbenzene	**2.3**	0.81	**0.52**	0.19	
179601-23-1	m,p-Xylenes	**7.2**	1.6	**1.7**	0.36	
75-25-2	Bromoform	ND	0.82	ND	0.079	
100-42-5	Styrene	**1.3**	0.81	**0.29**	0.19	
95-47-6	o-Xylene	**2.6**	0.82	**0.61**	0.19	
111-84-2	n-Nonane	**1.7**	0.82	**0.32**	0.16	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.82	ND	0.12	
98-82-8	Cumene	ND	0.81	ND	0.16	
80-56-8	alpha-Pinene	ND	0.82	ND	0.15	
103-65-1	n-Propylbenzene	**0.85**	0.81	**0.17**	0.16	
622-96-8	4-Ethyltoluene	**1.2**	0.82	**0.25**	0.17	
108-67-8	1,3,5-Trimethylbenzene	**0.96**	0.82	**0.19**	0.17	
95-63-6	1,2,4-Trimethylbenzene	**4.9**	0.81	**1.0**	0.16	
100-44-7	Benzyl Chloride	ND	1.6	ND	0.31	
541-73-1	1,3-Dichlorobenzene	ND	0.82	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.81	ND	0.13	
95-50-1	1,2-Dichlorobenzene	ND	0.82	ND	0.14	
5989-27-5	d-Limonene	**1.1**	0.81	**0.20**	0.14	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.6	ND	0.16	
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	ND	0.21	
91-20-3	Naphthalene	**2.4**	0.81	**0.45**	0.15	
87-68-3	Hexachlorobutadiene	ND	0.81	ND	0.076	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9846-SV3** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-003

Test Code: EPA TO-15 Date Collected: 6/3/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/24/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: SC01757

Initial Pressure (psig): -4.07 Final Pressure (psig): 3.66
Initial Pressure 2 (psig): 0.23 Final Pressure 2 (psig): 3.46
Canister Dilution Factor: 2.10

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**440**	4.4	**260**	2.5	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.7**	4.4	**1.2**	0.88	
74-87-3	Chloromethane	ND	4.4	ND	2.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	4.4	ND	0.63	
75-01-4	Vinyl Chloride	ND	4.5	ND	1.7	
106-99-0	1,3-Butadiene	**91**	4.4	**41**	2.0	
74-83-9	Bromomethane	ND	4.4	ND	1.1	
75-00-3	Chloroethane	ND	4.4	ND	1.7	
64-17-5	Ethanol	ND	45	ND	24	
75-05-8	Acetonitrile	**26**	4.5	**16**	2.7	
107-02-8	Acrolein	ND	9.2	ND	4.0	
67-64-1	Acetone	**270**	44	**110**	18	
75-69-4	Trichlorofluoromethane (CFC 11)	**75**	4.3	**13**	0.76	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	8.4	ND	3.4	
107-13-1	Acrylonitrile	ND	8.4	ND	3.9	
75-35-4	1,1-Dichloroethene	ND	4.4	ND	1.1	
75-09-2	Methylene Chloride	ND	4.4	ND	1.3	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	4.4	ND	1.4	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	4.5	ND	0.58	
75-15-0	Carbon Disulfide	**33**	8.4	**11**	2.7	
156-60-5	trans-1,2-Dichloroethene	ND	4.5	ND	1.1	
75-34-3	1,1-Dichloroethane	ND	4.5	ND	1.1	
1634-04-4	Methyl tert-Butyl Ether	ND	4.4	ND	1.2	
108-05-4	Vinyl Acetate	ND	46	ND	13	
78-93-3	2-Butanone (MEK)	**61**	8.4	**21**	2.8	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV3** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-003

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/24/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)

Test Notes:

Container ID: SC01757

Initial Pressure (psig): -4.07 Final Pressure (psig): 3.66

Initial Pressure 2 (psig): 0.23 Final Pressure 2 (psig): 3.46

Canister Dilution Factor: 2.10

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	4.4	ND	1.1	
141-78-6	Ethyl Acetate	ND	8.4	ND	2.3	
110-54-3	n-Hexane	**240**	4.4	**67**	1.2	
67-66-3	Chloroform	ND	4.5	ND	0.91	
109-99-9	Tetrahydrofuran (THF)	**36**	8.4	**12**	2.8	
107-06-2	1,2-Dichloroethane	ND	4.4	ND	1.1	
71-55-6	1,1,1-Trichloroethane	ND	4.4	ND	0.80	
71-43-2	Benzene	**82**	4.4	**26**	1.4	
56-23-5	Carbon Tetrachloride	ND	4.3	ND	0.68	
110-82-7	Cyclohexane	**19**	8.4	**5.5**	2.4	
78-87-5	1,2-Dichloropropane	ND	4.4	ND	0.95	
75-27-4	Bromodichloromethane	ND	4.4	ND	0.65	
79-01-6	Trichloroethene	**11**	4.3	**2.1**	0.80	
123-91-1	1,4-Dioxane	ND	4.4	ND	1.2	
80-62-6	Methyl Methacrylate	ND	8.4	ND	2.1	
142-82-5	n-Heptane	**85**	4.4	**21**	1.1	
10061-01-5	cis-1,3-Dichloropropene	ND	4.5	ND	0.98	
108-10-1	4-Methyl-2-pentanone	ND	8.4	ND	2.1	
10061-02-6	trans-1,3-Dichloropropene	ND	4.3	ND	0.94	
79-00-5	1,1,2-Trichloroethane	ND	4.4	ND	0.80	
108-88-3	Toluene	**96**	4.4	**26**	1.2	
591-78-6	2-Hexanone	ND	8.4	ND	2.1	
124-48-1	Dibromochloromethane	ND	4.4	ND	0.51	
106-93-4	1,2-Dibromoethane	ND	4.4	ND	0.57	
123-86-4	n-Butyl Acetate	ND	8.4	ND	1.8	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV3** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-003

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/24/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)

Test Notes:

Container ID: SC01757

Initial Pressure (psig): -4.07 Final Pressure (psig): 3.66

Initial Pressure 2 (psig): 0.23 Final Pressure 2 (psig): 3.46

Canister Dilution Factor: 2.10

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**36**	4.4	**7.7**	0.94	
127-18-4	Tetrachloroethene	ND	4.4	ND	0.64	
108-90-7	Chlorobenzene	ND	4.4	ND	0.95	
100-41-4	Ethylbenzene	**16**	4.4	**3.6**	1.0	
179601-23-1	m,p-Xylenes	**28**	8.4	**6.4**	1.9	
75-25-2	Bromoform	ND	4.5	ND	0.43	
100-42-5	Styrene	**11**	4.4	**2.6**	1.0	
95-47-6	o-Xylene	**14**	4.5	**3.3**	1.0	
111-84-2	n-Nonane	**23**	4.5	**4.4**	0.85	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.5	ND	0.65	
98-82-8	Cumene	**4.7**	4.4	**0.96**	0.89	
80-56-8	alpha-Pinene	**11**	4.5	**2.0**	0.80	
103-65-1	n-Propylbenzene	ND	4.4	ND	0.89	
622-96-8	4-Ethyltoluene	ND	4.5	ND	0.91	
108-67-8	1,3,5-Trimethylbenzene	ND	4.5	ND	0.91	
95-63-6	1,2,4-Trimethylbenzene	**12**	4.4	**2.5**	0.89	
100-44-7	Benzyl Chloride	ND	8.8	ND	1.7	
541-73-1	1,3-Dichlorobenzene	ND	4.5	ND	0.74	
106-46-7	1,4-Dichlorobenzene	ND	4.4	ND	0.73	
95-50-1	1,2-Dichlorobenzene	ND	4.5	ND	0.74	
5989-27-5	d-Limonene	ND	4.4	ND	0.78	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.4	ND	0.87	
120-82-1	1,2,4-Trichlorobenzene	ND	8.4	ND	1.1	
91-20-3	Naphthalene	**6.4**	4.4	**1.2**	0.83	
87-68-3	Hexachlorobutadiene	ND	4.4	ND	0.41	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9846-SV4** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-004

Test Code: EPA TO-15 Date Collected: 6/3/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: SC00905

Initial Pressure (psig): -3.05 Final Pressure (psig): 3.85

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**6.2**	0.83	**3.6**	0.48	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.83	ND	0.17	
74-87-3	Chloromethane	ND	0.83	ND	0.40	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.83	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.84	ND	0.33	
106-99-0	1,3-Butadiene	**1.0**	0.83	**0.46**	0.37	
74-83-9	Bromomethane	ND	0.83	ND	0.21	
75-00-3	Chloroethane	ND	0.83	ND	0.31	
64-17-5	Ethanol	ND	8.4	ND	4.5	
75-05-8	Acetonitrile	ND	0.84	ND	0.50	
107-02-8	Acrolein	ND	1.7	ND	0.76	
67-64-1	Acetone	ND	8.3	ND	3.5	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	0.81	**0.19**	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.6	ND	0.65	
107-13-1	Acrylonitrile	ND	1.6	ND	0.73	
75-35-4	1,1-Dichloroethene	ND	0.83	ND	0.21	
75-09-2	Methylene Chloride	ND	0.83	ND	0.24	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.83	ND	0.26	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.84	ND	0.11	
75-15-0	Carbon Disulfide	ND	1.6	ND	0.51	
156-60-5	trans-1,2-Dichloroethene	ND	0.84	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.86	ND	0.21	
1634-04-4	Methyl tert-Butyl Ether	ND	0.83	ND	0.23	
108-05-4	Vinyl Acetate	ND	8.7	ND	2.5	
78-93-3	2-Butanone (MEK)	ND	1.6	ND	0.54	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV4** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-004

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/23/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: SC00905

Initial Pressure (psig): -3.05 Final Pressure (psig): 3.85

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.83	ND	0.21	
141-78-6	Ethyl Acetate	ND	1.6	ND	0.44	
110-54-3	n-Hexane	**3.1**	0.83	**0.87**	0.23	
67-66-3	Chloroform	ND	0.84	ND	0.17	
109-99-9	Tetrahydrofuran (THF)	ND	1.6	ND	0.54	
107-06-2	1,2-Dichloroethane	ND	0.83	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.83	ND	0.15	
71-43-2	Benzene	**1.2**	0.83	**0.36**	0.26	
56-23-5	Carbon Tetrachloride	ND	0.81	ND	0.13	
110-82-7	Cyclohexane	ND	1.6	ND	0.46	
78-87-5	1,2-Dichloropropane	ND	0.83	ND	0.18	
75-27-4	Bromodichloromethane	ND	0.83	ND	0.12	
79-01-6	Trichloroethene	ND	0.81	ND	0.15	
123-91-1	1,4-Dioxane	ND	0.83	ND	0.23	
80-62-6	Methyl Methacrylate	ND	1.6	ND	0.39	
142-82-5	n-Heptane	**1.1**	0.83	**0.28**	0.20	
10061-01-5	cis-1,3-Dichloropropene	ND	0.84	ND	0.19	
108-10-1	4-Methyl-2-pentanone	ND	1.6	ND	0.39	
10061-02-6	trans-1,3-Dichloropropene	ND	0.81	ND	0.18	
79-00-5	1,1,2-Trichloroethane	ND	0.83	ND	0.15	
108-88-3	Toluene	**1.3**	0.83	**0.34**	0.22	
591-78-6	2-Hexanone	ND	1.6	ND	0.39	
124-48-1	Dibromochloromethane	ND	0.83	ND	0.097	
106-93-4	1,2-Dibromoethane	ND	0.83	ND	0.11	
123-86-4	n-Butyl Acetate	ND	1.6	ND	0.33	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV4** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-004

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/23/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: SC00905

Initial Pressure (psig): -3.05 Final Pressure (psig): 3.85

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.83	ND	0.18	
127-18-4	Tetrachloroethene	ND	0.83	ND	0.12	
108-90-7	Chlorobenzene	ND	0.83	ND	0.18	
100-41-4	Ethylbenzene	ND	0.83	ND	0.19	
179601-23-1	m,p-Xylenes	ND	1.6	ND	0.37	
75-25-2	Bromoform	ND	0.84	ND	0.082	
100-42-5	Styrene	ND	0.83	ND	0.19	
95-47-6	o-Xylene	ND	0.84	ND	0.19	
111-84-2	n-Nonane	ND	0.84	ND	0.16	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.84	ND	0.12	
98-82-8	Cumene	ND	0.83	ND	0.17	
80-56-8	alpha-Pinene	ND	0.84	ND	0.15	
103-65-1	n-Propylbenzene	ND	0.83	ND	0.17	
622-96-8	4-Ethyltoluene	ND	0.84	ND	0.17	
108-67-8	1,3,5-Trimethylbenzene	ND	0.84	ND	0.17	
95-63-6	1,2,4-Trimethylbenzene	ND	0.83	ND	0.17	
100-44-7	Benzyl Chloride	ND	1.7	ND	0.32	
541-73-1	1,3-Dichlorobenzene	ND	0.84	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.83	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.84	ND	0.14	
5989-27-5	d-Limonene	ND	0.83	ND	0.15	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.6	ND	0.16	
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	ND	0.21	
91-20-3	Naphthalene	ND	0.83	ND	0.16	
87-68-3	Hexachlorobutadiene	ND	0.83	ND	0.078	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9846-SV5** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-005

Test Code: EPA TO-15 Date Collected: 6/3/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/24/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: SC01476

Initial Pressure (psig): -2.93 Final Pressure (psig): 3.80

Canister Dilution Factor: 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	3.3	ND	1.9	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	3.3	ND	0.66	
74-87-3	Chloromethane	ND	3.3	ND	1.6	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	3.3	ND	0.47	
75-01-4	Vinyl Chloride	ND	3.3	ND	1.3	
106-99-0	1,3-Butadiene	ND	3.3	ND	1.5	
74-83-9	Bromomethane	ND	3.3	ND	0.84	
75-00-3	Chloroethane	ND	3.3	ND	1.2	
64-17-5	Ethanol	ND	33	ND	18	
75-05-8	Acetonitrile	ND	3.3	ND	2.0	
107-02-8	Acrolein	ND	6.9	ND	3.0	
67-64-1	Acetone	**130**	33	**55**	14	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	3.2	ND	0.57	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	6.3	ND	2.6	
107-13-1	Acrylonitrile	ND	6.3	ND	2.9	
75-35-4	1,1-Dichloroethene	ND	3.3	ND	0.82	
75-09-2	Methylene Chloride	ND	3.3	ND	0.94	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	3.3	ND	1.0	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	3.3	ND	0.43	
75-15-0	Carbon Disulfide	**28**	6.3	**9.1**	2.0	
156-60-5	trans-1,2-Dichloroethene	ND	3.3	ND	0.84	
75-34-3	1,1-Dichloroethane	ND	3.4	ND	0.84	
1634-04-4	Methyl tert-Butyl Ether	**73**	3.3	**20**	0.91	
108-05-4	Vinyl Acetate	ND	35	ND	9.8	
78-93-3	2-Butanone (MEK)	**100**	6.3	**35**	2.1	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV5** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-005

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/24/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)

Test Notes:

Container ID: SC01476

Initial Pressure (psig): -2.93 Final Pressure (psig): 3.80

Canister Dilution Factor: 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	3.3	ND	0.82	
141-78-6	Ethyl Acetate	ND	6.3	ND	1.7	
110-54-3	n-Hexane	**190**	3.3	**54**	0.93	
67-66-3	Chloroform	ND	3.3	ND	0.68	
109-99-9	Tetrahydrofuran (THF)	ND	6.3	ND	2.1	
107-06-2	1,2-Dichloroethane	ND	3.3	ND	0.81	
71-55-6	1,1,1-Trichloroethane	ND	3.3	ND	0.60	
71-43-2	Benzene	**3.6**	3.3	**1.1**	1.0	
56-23-5	Carbon Tetrachloride	ND	3.2	ND	0.51	
110-82-7	Cyclohexane	**7.2**	6.3	**2.1**	1.8	
78-87-5	1,2-Dichloropropane	ND	3.3	ND	0.71	
75-27-4	Bromodichloromethane	ND	3.3	ND	0.49	
79-01-6	Trichloroethene	ND	3.2	ND	0.60	
123-91-1	1,4-Dioxane	ND	3.3	ND	0.91	
80-62-6	Methyl Methacrylate	ND	6.3	ND	1.5	
142-82-5	n-Heptane	**47**	3.3	**11**	0.80	
10061-01-5	cis-1,3-Dichloropropene	ND	3.3	ND	0.73	
108-10-1	4-Methyl-2-pentanone	ND	6.3	ND	1.5	
10061-02-6	trans-1,3-Dichloropropene	ND	3.2	ND	0.71	
79-00-5	1,1,2-Trichloroethane	ND	3.3	ND	0.60	
108-88-3	Toluene	**28**	3.3	**7.4**	0.87	
591-78-6	2-Hexanone	ND	6.3	ND	1.5	
124-48-1	Dibromochloromethane	ND	3.3	ND	0.38	
106-93-4	1,2-Dibromoethane	ND	3.3	ND	0.43	
123-86-4	n-Butyl Acetate	ND	6.3	ND	1.3	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9846-SV5** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-005

Test Code: EPA TO-15 Date Collected: 6/3/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/24/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes:
Container ID: SC01476

Initial Pressure (psig): -2.93 Final Pressure (psig): 3.80

Canister Dilution Factor: 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	**4.8**	3.3	**1.0**	0.70	
127-18-4	Tetrachloroethene	ND	3.3	ND	0.48	
108-90-7	Chlorobenzene	ND	3.3	ND	0.71	
100-41-4	Ethylbenzene	ND	3.3	ND	0.75	
179601-23-1	m,p-Xylenes	**9.6**	6.3	**2.2**	1.4	
75-25-2	Bromoform	ND	3.3	ND	0.32	
100-42-5	Styrene	ND	3.3	ND	0.77	
95-47-6	o-Xylene	**3.5**	3.3	**0.81**	0.77	
111-84-2	n-Nonane	ND	3.3	ND	0.63	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.3	ND	0.48	
98-82-8	Cumene	ND	3.3	ND	0.66	
80-56-8	alpha-Pinene	**3.7**	3.3	**0.67**	0.60	
103-65-1	n-Propylbenzene	ND	3.3	ND	0.66	
622-96-8	4-Ethyltoluene	ND	3.3	ND	0.68	
108-67-8	1,3,5-Trimethylbenzene	ND	3.3	ND	0.68	
95-63-6	1,2,4-Trimethylbenzene	**5.8**	3.3	**1.2**	0.66	
100-44-7	Benzyl Chloride	ND	6.6	ND	1.3	
541-73-1	1,3-Dichlorobenzene	ND	3.3	ND	0.55	
106-46-7	1,4-Dichlorobenzene	ND	3.3	ND	0.54	
95-50-1	1,2-Dichlorobenzene	ND	3.3	ND	0.55	
5989-27-5	d-Limonene	**5.0**	3.3	**0.90**	0.59	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.3	ND	0.65	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	ND	0.85	
91-20-3	Naphthalene	**3.7**	3.3	**0.70**	0.62	
87-68-3	Hexachlorobutadiene	ND	3.3	ND	0.31	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **9846-SV6** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-006

Test Code: EPA TO-15 Date Collected: 6/3/21
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: SC02283

Initial Pressure (psig): -3.97 Final Pressure (psig): 3.62

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	4.4	ND	2.6	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	4.4	ND	0.90	
74-87-3	Chloromethane	ND	4.4	ND	2.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	4.4	ND	0.64	
75-01-4	Vinyl Chloride	ND	4.5	ND	1.8	
106-99-0	1,3-Butadiene	ND	4.4	ND	2.0	
74-83-9	Bromomethane	ND	4.4	ND	1.1	
75-00-3	Chloroethane	ND	4.4	ND	1.7	
64-17-5	Ethanol	ND	45	ND	24	
75-05-8	Acetonitrile	ND	4.5	ND	2.7	
107-02-8	Acrolein	ND	9.4	ND	4.1	
67-64-1	Acetone	**65**	44	**27**	19	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	4.4	ND	0.78	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	8.6	ND	3.5	
107-13-1	Acrylonitrile	ND	8.6	ND	3.9	
75-35-4	1,1-Dichloroethene	ND	4.4	ND	1.1	
75-09-2	Methylene Chloride	ND	4.4	ND	1.3	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	4.4	ND	1.4	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	4.5	ND	0.59	
75-15-0	Carbon Disulfide	**15**	8.6	**4.8**	2.7	
156-60-5	trans-1,2-Dichloroethene	ND	4.5	ND	1.1	
75-34-3	1,1-Dichloroethane	ND	4.6	ND	1.1	
1634-04-4	Methyl tert-Butyl Ether	**48**	4.4	**13**	1.2	
108-05-4	Vinyl Acetate	ND	47	ND	13	
78-93-3	2-Butanone (MEK)	**51**	8.6	**17**	2.9	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV6** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-006

Test Code: EPA TO-15 Date Collected: 6/3/21

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/4/21

Analyst: Wida Ang Date Analyzed: 6/23/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)

Test Notes:

Container ID: SC02283

Initial Pressure (psig): -3.97 Final Pressure (psig): 3.62

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	4.4	ND	1.1	
141-78-6	Ethyl Acetate	ND	8.6	ND	2.4	
110-54-3	n-Hexane	**93**	4.4	**26**	1.3	
67-66-3	Chloroform	ND	4.5	ND	0.93	
109-99-9	Tetrahydrofuran (THF)	ND	8.6	ND	2.9	
107-06-2	1,2-Dichloroethane	ND	4.4	ND	1.1	
71-55-6	1,1,1-Trichloroethane	ND	4.4	ND	0.82	
71-43-2	Benzene	ND	4.4	ND	1.4	
56-23-5	Carbon Tetrachloride	ND	4.4	ND	0.69	
110-82-7	Cyclohexane	ND	8.6	ND	2.5	
78-87-5	1,2-Dichloropropane	ND	4.4	ND	0.96	
75-27-4	Bromodichloromethane	ND	4.4	ND	0.66	
79-01-6	Trichloroethene	ND	4.4	ND	0.81	
123-91-1	1,4-Dioxane	ND	4.4	ND	1.2	
80-62-6	Methyl Methacrylate	ND	8.6	ND	2.1	
142-82-5	n-Heptane	**25**	4.4	**6.0**	1.1	
10061-01-5	cis-1,3-Dichloropropene	ND	4.5	ND	1.0	
108-10-1	4-Methyl-2-pentanone	ND	8.6	ND	2.1	
10061-02-6	trans-1,3-Dichloropropene	ND	4.4	ND	0.96	
79-00-5	1,1,2-Trichloroethane	ND	4.4	ND	0.82	
108-88-3	Toluene	**13**	4.4	**3.5**	1.2	
591-78-6	2-Hexanone	ND	8.6	ND	2.1	
124-48-1	Dibromochloromethane	ND	4.4	ND	0.52	
106-93-4	1,2-Dibromoethane	ND	4.4	ND	0.58	
123-86-4	n-Butyl Acetate	ND	8.6	ND	1.8	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **9846-SV6** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P2103071-006

Test Code:	EPA TO-15	Date Collected:	6/3/21
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13	Date Received:	6/4/21
Analyst:	Wida Ang	Date Analyzed:	6/23/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	0.20 Liter(s)
Test Notes:			
Container ID:	SC02283		

Initial Pressure (psig): -3.97 Final Pressure (psig): 3.62

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	4.4	ND	0.95	
127-18-4	Tetrachloroethene	ND	4.4	ND	0.66	
108-90-7	Chlorobenzene	ND	4.4	ND	0.97	
100-41-4	Ethylbenzene	ND	4.4	ND	1.0	
179601-23-1	m,p-Xylenes	ND	8.6	ND	2.0	
75-25-2	Bromoform	ND	4.5	ND	0.44	
100-42-5	Styrene	ND	4.4	ND	1.0	
95-47-6	o-Xylene	ND	4.5	ND	1.0	
111-84-2	n-Nonane	ND	4.5	ND	0.86	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.5	ND	0.66	
98-82-8	Cumene	ND	4.4	ND	0.90	
80-56-8	alpha-Pinene	ND	4.5	ND	0.81	
103-65-1	n-Propylbenzene	ND	4.4	ND	0.90	
622-96-8	4-Ethyltoluene	ND	4.5	ND	0.92	
108-67-8	1,3,5-Trimethylbenzene	ND	4.5	ND	0.92	
95-63-6	1,2,4-Trimethylbenzene	ND	4.4	ND	0.90	
100-44-7	Benzyl Chloride	ND	9.0	ND	1.7	
541-73-1	1,3-Dichlorobenzene	ND	4.5	ND	0.75	
106-46-7	1,4-Dichlorobenzene	ND	4.4	ND	0.74	
95-50-1	1,2-Dichlorobenzene	ND	4.5	ND	0.75	
5989-27-5	d-Limonene	ND	4.4	ND	0.80	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.6	ND	0.88	
120-82-1	1,2,4-Trichlorobenzene	ND	8.6	ND	1.2	
91-20-3	Naphthalene	ND	4.4	ND	0.85	
87-68-3	Hexachlorobutadiene	ND	4.4	ND	0.42	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Method Blank** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.52	ND	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.52	ND	0.11	
74-87-3	Chloromethane	ND	0.52	ND	0.25	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.52	ND	0.074	
75-01-4	Vinyl Chloride	ND	0.53	ND	0.21	
106-99-0	1,3-Butadiene	ND	0.52	ND	0.24	
74-83-9	Bromomethane	ND	0.52	ND	0.13	
75-00-3	Chloroethane	ND	0.52	ND	0.20	
64-17-5	Ethanol	ND	5.3	ND	2.8	
75-05-8	Acetonitrile	ND	0.53	ND	0.32	
107-02-8	Acrolein	ND	1.1	ND	0.48	
67-64-1	Acetone	ND	5.2	ND	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	0.51	ND	0.091	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.0	ND	0.41	
107-13-1	Acrylonitrile	ND	1.0	ND	0.46	
75-35-4	1,1-Dichloroethene	ND	0.52	ND	0.13	
75-09-2	Methylene Chloride	ND	0.52	ND	0.15	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.52	ND	0.17	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.53	ND	0.069	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	0.53	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.54	ND	0.13	
1634-04-4	Methyl tert-Butyl Ether	ND	0.52	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.5	ND	1.6	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-MB

Test Code:	EPA TO-15	Date Collected:	NA
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13	Date Received:	NA
Analyst:	Wida Ang	Date Analyzed:	6/23/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.52	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.52	ND	0.15	
67-66-3	Chloroform	ND	0.53	ND	0.11	
109-99-9	Tetrahydrofuran (THF)	ND	1.0	ND	0.34	
107-06-2	1,2-Dichloroethane	ND	0.52	ND	0.13	
71-55-6	1,1,1-Trichloroethane	ND	0.52	ND	0.095	
71-43-2	Benzene	ND	0.52	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.51	ND	0.081	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.52	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.52	ND	0.078	
79-01-6	Trichloroethene	ND	0.51	ND	0.095	
123-91-1	1,4-Dioxane	ND	0.52	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.52	ND	0.13	
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	ND	0.12	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	0.51	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.52	ND	0.095	
108-88-3	Toluene	ND	0.52	ND	0.14	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	0.52	ND	0.061	
106-93-4	1,2-Dibromoethane	ND	0.52	ND	0.068	
123-86-4	n-Butyl Acetate	ND	1.0	ND	0.21	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-MB

Test Code:	EPA TO-15	Date Collected:	NA
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13	Date Received:	NA
Analyst:	Wida Ang	Date Analyzed:	6/23/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.52	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.52	ND	0.077	
108-90-7	Chlorobenzene	ND	0.52	ND	0.11	
100-41-4	Ethylbenzene	ND	0.52	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.53	ND	0.051	
100-42-5	Styrene	ND	0.52	ND	0.12	
95-47-6	o-Xylene	ND	0.53	ND	0.12	
111-84-2	n-Nonane	ND	0.53	ND	0.10	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	ND	0.077	
98-82-8	Cumene	ND	0.52	ND	0.11	
80-56-8	alpha-Pinene	ND	0.53	ND	0.095	
103-65-1	n-Propylbenzene	ND	0.52	ND	0.11	
622-96-8	4-Ethyltoluene	ND	0.53	ND	0.11	
108-67-8	1,3,5-Trimethylbenzene	ND	0.53	ND	0.11	
95-63-6	1,2,4-Trimethylbenzene	ND	0.52	ND	0.11	
100-44-7	Benzyl Chloride	ND	1.1	ND	0.20	
541-73-1	1,3-Dichlorobenzene	ND	0.53	ND	0.088	
106-46-7	1,4-Dichlorobenzene	ND	0.52	ND	0.087	
95-50-1	1,2-Dichlorobenzene	ND	0.53	ND	0.088	
5989-27-5	d-Limonene	ND	0.52	ND	0.093	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	ND	0.10	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ND	0.13	
91-20-3	Naphthalene	ND	0.52	ND	0.099	
87-68-3	Hexachlorobutadiene	ND	0.52	ND	0.049	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Method Blank** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210624-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/24/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.52	ND	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.52	ND	0.11	
74-87-3	Chloromethane	ND	0.52	ND	0.25	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.52	ND	0.074	
75-01-4	Vinyl Chloride	ND	0.53	ND	0.21	
106-99-0	1,3-Butadiene	ND	0.52	ND	0.24	
74-83-9	Bromomethane	ND	0.52	ND	0.13	
75-00-3	Chloroethane	ND	0.52	ND	0.20	
64-17-5	Ethanol	ND	5.3	ND	2.8	
75-05-8	Acetonitrile	ND	0.53	ND	0.32	
107-02-8	Acrolein	ND	1.1	ND	0.48	
67-64-1	Acetone	ND	5.2	ND	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	0.51	ND	0.091	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.0	ND	0.41	
107-13-1	Acrylonitrile	ND	1.0	ND	0.46	
75-35-4	1,1-Dichloroethene	ND	0.52	ND	0.13	
75-09-2	Methylene Chloride	ND	0.52	ND	0.15	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.52	ND	0.17	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.53	ND	0.069	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	0.53	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.54	ND	0.13	
1634-04-4	Methyl tert-Butyl Ether	ND	0.52	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.5	ND	1.6	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210624-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/24/21

Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.52	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.52	ND	0.15	
67-66-3	Chloroform	ND	0.53	ND	0.11	
109-99-9	Tetrahydrofuran (THF)	ND	1.0	ND	0.34	
107-06-2	1,2-Dichloroethane	ND	0.52	ND	0.13	
71-55-6	1,1,1-Trichloroethane	ND	0.52	ND	0.095	
71-43-2	Benzene	ND	0.52	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.51	ND	0.081	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.52	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.52	ND	0.078	
79-01-6	Trichloroethene	ND	0.51	ND	0.095	
123-91-1	1,4-Dioxane	ND	0.52	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.52	ND	0.13	
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	ND	0.12	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	0.51	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.52	ND	0.095	
108-88-3	Toluene	ND	0.52	ND	0.14	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	0.52	ND	0.061	
106-93-4	1,2-Dibromoethane	ND	0.52	ND	0.068	
123-86-4	n-Butyl Acetate	ND	1.0	ND	0.21	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Tetra Tech, Incorporated**

Client Sample ID: **Method Blank** ALS Project ID: P2103071

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210624-MB

Test Code:	EPA TO-15	Date Collected:	NA
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13	Date Received:	NA
Analyst:	Wida Ang	Date Analyzed:	6/24/21
Sample Type:	6.0 L Summa Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.52	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.52	ND	0.077	
108-90-7	Chlorobenzene	ND	0.52	ND	0.11	
100-41-4	Ethylbenzene	ND	0.52	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.53	ND	0.051	
100-42-5	Styrene	ND	0.52	ND	0.12	
95-47-6	o-Xylene	ND	0.53	ND	0.12	
111-84-2	n-Nonane	ND	0.53	ND	0.10	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	ND	0.077	
98-82-8	Cumene	ND	0.52	ND	0.11	
80-56-8	alpha-Pinene	ND	0.53	ND	0.095	
103-65-1	n-Propylbenzene	ND	0.52	ND	0.11	
622-96-8	4-Ethyltoluene	ND	0.53	ND	0.11	
108-67-8	1,3,5-Trimethylbenzene	ND	0.53	ND	0.11	
95-63-6	1,2,4-Trimethylbenzene	ND	0.52	ND	0.11	
100-44-7	Benzyl Chloride	ND	1.1	ND	0.20	
541-73-1	1,3-Dichlorobenzene	ND	0.53	ND	0.088	
106-46-7	1,4-Dichlorobenzene	ND	0.52	ND	0.087	
95-50-1	1,2-Dichlorobenzene	ND	0.53	ND	0.088	
5989-27-5	d-Limonene	ND	0.52	ND	0.093	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	ND	0.10	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ND	0.13	
91-20-3	Naphthalene	ND	0.52	ND	0.099	
87-68-3	Hexachlorobutadiene	ND	0.52	ND	0.049	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Tetra Tech, Incorporated**

Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Project ID: P2103071

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 6/3/21
Analyst: Wida Ang Date(s) Received: 6/4/21
Sample Type: 6.0 L Summa Canister(s) Date(s) Analyzed: 6/23 - 6/24/21
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P210623-MB	**89**	**106**	**109**	70-130	
Method Blank	P210624-MB	**88**	**104**	**106**	70-130	
Lab Control Sample	P210623-LCS	**96**	**99**	**111**	70-130	
Lab Control Sample	P210624-LCS	**98**	**98**	**110**	70-130	
9846-SV1	P2103071-001	**83**	**102**	**107**	70-130	
9846-SV2	P2103071-002	**83**	**105**	**113**	70-130	
9846-SV3	P2103071-003	**98**	**104**	**110**	70-130	
9846-SV4	P2103071-004	**98**	**101**	**109**	70-130	
9846-SV5	P2103071-005	**88**	**105**	**106**	70-130	
9846-SV6	P2103071-006	**99**	**101**	**109**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**171**	**81**	56-128	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**187**	**89**	71-112	
74-87-3	Chloromethane	206	**162**	**79**	53-126	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	216	**200**	**93**	62-121	
75-01-4	Vinyl Chloride	208	**193**	**93**	63-123	
106-99-0	1,3-Butadiene	210	**200**	**95**	63-135	
74-83-9	Bromomethane	212	**189**	**89**	71-112	
75-00-3	Chloroethane	204	**183**	**90**	66-117	
64-17-5	Ethanol	998	**813**	**81**	57-117	
75-05-8	Acetonitrile	202	**186**	**92**	59-131	
107-02-8	Acrolein	436	**407**	**93**	71-123	
67-64-1	Acetone	1,030	**1010**	**98**	60-117	
75-69-4	Trichlorofluoromethane (CFC 11)	204	**184**	**90**	71-114	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	**416**	**102**	61-124	
107-13-1	Acrylonitrile	410	**415**	**101**	65-130	
75-35-4	1,1-Dichloroethene	212	**196**	**92**	74-114	
75-09-2	Methylene Chloride	208	**194**	**93**	75-112	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	210	**176**	**84**	57-127	
76-13-1	Trichlorotrifluoroethane (CFC 113)	214	**198**	**93**	73-114	
75-15-0	Carbon Disulfide	428	**381**	**89**	70-113	
156-60-5	trans-1,2-Dichloroethene	212	**206**	**97**	76-119	
75-34-3	1,1-Dichloroethane	212	**194**	**92**	70-114	
1634-04-4	Methyl tert-Butyl Ether	212	**143**	**67**	72-118	**L**
108-05-4	Vinyl Acetate	1,100	**762**	**69**	56-137	
78-93-3	2-Butanone (MEK)	412	**413**	**100**	74-121	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased low.

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	208	**197**	**95**	73-117	
141-78-6	Ethyl Acetate	422	**655**	**155**	59-161	
110-54-3	n-Hexane	212	**225**	**106**	55-130	
67-66-3	Chloroform	214	**201**	**94**	71-114	
109-99-9	Tetrahydrofuran (THF)	400	**369**	**92**	73-114	
107-06-2	1,2-Dichloroethane	208	**196**	**94**	71-119	
71-55-6	1,1,1-Trichloroethane	206	**190**	**92**	73-119	
71-43-2	Benzene	204	**196**	**96**	72-113	
56-23-5	Carbon Tetrachloride	210	**197**	**94**	67-123	
110-82-7	Cyclohexane	416	**390**	**94**	70-119	
78-87-5	1,2-Dichloropropane	206	**194**	**94**	70-118	
75-27-4	Bromodichloromethane	210	**206**	**98**	74-119	
79-01-6	Trichloroethene	206	**205**	**100**	74-115	
123-91-1	1,4-Dioxane	208	**206**	**99**	77-124	
80-62-6	Methyl Methacrylate	416	**484**	**116**	78-126	
142-82-5	n-Heptane	210	**202**	**96**	70-119	
10061-01-5	cis-1,3-Dichloropropene	210	**224**	**107**	81-126	
108-10-1	4-Methyl-2-pentanone	416	**424**	**102**	73-129	
10061-02-6	trans-1,3-Dichloropropene	202	**212**	**105**	80-127	
79-00-5	1,1,2-Trichloroethane	206	**208**	**101**	78-117	
108-88-3	Toluene	206	**198**	**96**	70-118	
591-78-6	2-Hexanone	404	**433**	**107**	74-132	
124-48-1	Dibromochloromethane	210	**223**	**106**	69-137	
106-93-4	1,2-Dibromoethane	208	**227**	**109**	76-128	
123-86-4	n-Butyl Acetate	406	**450**	**111**	75-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210623-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/23/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	210	**199**	**95**	68-120	
127-18-4	Tetrachloroethene	206	**209**	**101**	63-130	
108-90-7	Chlorobenzene	206	**201**	**98**	70-118	
100-41-4	Ethylbenzene	206	**213**	**103**	71-123	
179601-23-1	m,p-Xylenes	412	**437**	**106**	67-127	
75-25-2	Bromoform	208	**244**	**117**	65-149	
100-42-5	Styrene	206	**222**	**108**	76-132	
95-47-6	o-Xylene	206	**218**	**106**	69-124	
111-84-2	n-Nonane	208	**202**	**97**	64-127	
79-34-5	1,1,2,2-Tetrachloroethane	206	**214**	**104**	69-128	
98-82-8	Cumene	208	**220**	**106**	69-125	
80-56-8	alpha-Pinene	214	**228**	**107**	68-129	
103-65-1	n-Propylbenzene	208	**229**	**110**	70-127	
622-96-8	4-Ethyltoluene	210	**245**	**117**	69-127	
108-67-8	1,3,5-Trimethylbenzene	206	**218**	**106**	66-129	
95-63-6	1,2,4-Trimethylbenzene	204	**253**	**124**	63-142	
100-44-7	Benzyl Chloride	402	**518**	**129**	73-145	
541-73-1	1,3-Dichlorobenzene	206	**229**	**111**	67-136	
106-46-7	1,4-Dichlorobenzene	204	**224**	**110**	63-134	
95-50-1	1,2-Dichlorobenzene	206	**247**	**120**	64-139	
5989-27-5	d-Limonene	208	**224**	**108**	63-137	
96-12-8	1,2-Dibromo-3-chloropropane	370	**440**	**119**	72-145	
120-82-1	1,2,4-Trichlorobenzene	388	**412**	**106**	62-154	
91-20-3	Naphthalene	198	**195**	**98**	62-156	
87-68-3	Hexachlorobutadiene	210	**228**	**109**	55-142	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210624-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/24/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**162**	**77**	56-128	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**183**	**87**	71-112	
74-87-3	Chloromethane	206	**151**	**73**	53-126	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	216	**194**	**90**	62-121	
75-01-4	Vinyl Chloride	208	**188**	**90**	63-123	
106-99-0	1,3-Butadiene	210	**192**	**91**	63-135	
74-83-9	Bromomethane	212	**183**	**86**	71-112	
75-00-3	Chloroethane	204	**178**	**87**	66-117	
64-17-5	Ethanol	998	**787**	**79**	57-117	
75-05-8	Acetonitrile	202	**175**	**87**	59-131	
107-02-8	Acrolein	436	**394**	**90**	71-123	
67-64-1	Acetone	1,030	**974**	**95**	60-117	
75-69-4	Trichlorofluoromethane (CFC 11)	204	**180**	**88**	71-114	
67-63-0	2-Propanol (Isopropyl Alcohol)	408	**404**	**99**	61-124	
107-13-1	Acrylonitrile	410	**399**	**97**	65-130	
75-35-4	1,1-Dichloroethene	212	**192**	**91**	74-114	
75-09-2	Methylene Chloride	208	**190**	**91**	75-112	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	210	**170**	**81**	57-127	
76-13-1	Trichlorotrifluoroethane (CFC 113)	214	**192**	**90**	73-114	
75-15-0	Carbon Disulfide	428	**372**	**87**	70-113	
156-60-5	trans-1,2-Dichloroethene	212	**201**	**95**	76-119	
75-34-3	1,1-Dichloroethane	212	**188**	**89**	70-114	
1634-04-4	Methyl tert-Butyl Ether	212	**157**	**74**	72-118	
108-05-4	Vinyl Acetate	1,100	**748**	**68**	56-137	
78-93-3	2-Butanone (MEK)	412	**406**	**99**	74-121	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210624-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/24/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	208	**192**	**92**	73-117	
141-78-6	Ethyl Acetate	422	**626**	**148**	59-161	
110-54-3	n-Hexane	212	**215**	**101**	55-130	
67-66-3	Chloroform	214	**198**	**93**	71-114	
109-99-9	Tetrahydrofuran (THF)	400	**360**	**90**	73-114	
107-06-2	1,2-Dichloroethane	208	**194**	**93**	71-119	
71-55-6	1,1,1-Trichloroethane	206	**187**	**91**	73-119	
71-43-2	Benzene	204	**192**	**94**	72-113	
56-23-5	Carbon Tetrachloride	210	**194**	**92**	67-123	
110-82-7	Cyclohexane	416	**386**	**93**	70-119	
78-87-5	1,2-Dichloropropane	206	**189**	**92**	70-118	
75-27-4	Bromodichloromethane	210	**202**	**96**	74-119	
79-01-6	Trichloroethene	206	**201**	**98**	74-115	
123-91-1	1,4-Dioxane	208	**202**	**97**	77-124	
80-62-6	Methyl Methacrylate	416	**477**	**115**	78-126	
142-82-5	n-Heptane	210	**198**	**94**	70-119	
10061-01-5	cis-1,3-Dichloropropene	210	**220**	**105**	81-126	
108-10-1	4-Methyl-2-pentanone	416	**411**	**99**	73-129	
10061-02-6	trans-1,3-Dichloropropene	202	**208**	**103**	80-127	
79-00-5	1,1,2-Trichloroethane	206	**204**	**99**	78-117	
108-88-3	Toluene	206	**190**	**92**	70-118	
591-78-6	2-Hexanone	404	**412**	**102**	74-132	
124-48-1	Dibromochloromethane	210	**215**	**102**	69-137	
106-93-4	1,2-Dibromoethane	208	**218**	**105**	76-128	
123-86-4	n-Butyl Acetate	406	**428**	**105**	75-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Tetra Tech, Incorporated**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2103071
Client Project ID: **Advanced Auto Parts/Former Fashion R Boutique / 103G65210190.06.03** ALS Sample ID: P210624-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/24/21
Sample Type: 6.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	210	**190**	**90**	68-120	
127-18-4	Tetrachloroethene	206	**202**	**98**	63-130	
108-90-7	Chlorobenzene	206	**192**	**93**	70-118	
100-41-4	Ethylbenzene	206	**205**	**100**	71-123	
179601-23-1	m,p-Xylenes	412	**420**	**102**	67-127	
75-25-2	Bromoform	208	**233**	**112**	65-149	
100-42-5	Styrene	206	**214**	**104**	76-132	
95-47-6	o-Xylene	206	**207**	**100**	69-124	
111-84-2	n-Nonane	208	**191**	**92**	64-127	
79-34-5	1,1,2,2-Tetrachloroethane	206	**205**	**100**	69-128	
98-82-8	Cumene	208	**210**	**101**	69-125	
80-56-8	alpha-Pinene	214	**216**	**101**	68-129	
103-65-1	n-Propylbenzene	208	**219**	**105**	70-127	
622-96-8	4-Ethyltoluene	210	**234**	**111**	69-127	
108-67-8	1,3,5-Trimethylbenzene	206	**209**	**101**	66-129	
95-63-6	1,2,4-Trimethylbenzene	204	**239**	**117**	63-142	
100-44-7	Benzyl Chloride	402	**492**	**122**	73-145	
541-73-1	1,3-Dichlorobenzene	206	**218**	**106**	67-136	
106-46-7	1,4-Dichlorobenzene	204	**214**	**105**	63-134	
95-50-1	1,2-Dichlorobenzene	206	**235**	**114**	64-139	
5989-27-5	d-Limonene	208	**213**	**102**	63-137	
96-12-8	1,2-Dibromo-3-chloropropane	370	**423**	**114**	72-145	
120-82-1	1,2,4-Trichlorobenzene	388	**394**	**102**	62-154	
91-20-3	Naphthalene	198	**187**	**94**	62-156	
87-68-3	Hexachlorobutadiene	210	**217**	**103**	55-142	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

DATA VERIFICATION REPORT

Prepared by: Aaron Smith

Date: July 13, 2021

Site Name/Job Number: REPA Cyclonic / 103G65210190.06.03

Laboratory: ALS Environmental – Holland, MI

Data Package or SDG Number: 21060422

Sample Designations/Names:

9844-B1 (24-26) 9844-B2 (8-10) 9844-B3 (24-26) 9844-B4 (8-10) 9844-B5 (12-14) 9844-B6 (8-10) Trip Blank 9844-B2 (8-10) DUP

Matrices: SOIL

Analytical Parameters: Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds (VOCs) and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 6/3/2021; the samples arrived in good condition at 0.6 ° C. Samples were analyzed within the recommended method holding times; all analysis was complete by 6/16/2021.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Method and field blank contamination	☑	☐	☐	The method blank for mercury, DRO, and ORO had detections above the MDL. The trip blank sample had detections above the MDL for acetone. Due to blank contamination, the following qualifications were applied to the project samples: • The DRO and ORO results in samples 9844-B1 (24-26), 9844-B2 (8-10), 9844-B2 (8-10) DUP, 9844-B3 (24-26), 9844-B4 (8-10), 9844-B5 (12-14), and 9844-B6 (8-10) were raised to the value of the RL and were qualified as non-detect (flagged U). • The mercury results for samples 9844-B2 (8-10) and 9844-B4 (8-10) were raised to the value of the RL and were qualified as non-detect (flagged U). In addition, the mercury results for samples 9844-B1 (24-26), 9844-B2 (8-10) DUP, 9844-B3 (24-26), and 9844-B6 (8-10) were qualified as estimated, possibly biased high (flagged J+). • The acetone results for samples 9844-B1 (24-26) and 9844-B3 (24-26) were raised to the value of the RL and were qualified as non-detect (flagged U). In addition, the acetone result for sample 9844-B6 (8-10) was qualified as estimated, possibly biased high (flagged J+).
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for the following exceedances in GRO and VOC sample analyses: • The %R for surrogate toluene-d8 for GRO analysis in sample 9844-B5 (12-14) was above the upper acceptance limit. The positive result for GRO in this sample was qualified as estimated, possibly biased high (flagged J+). • The %Rs for surrogate dibromofluoromethane in samples 9844-B1 (24-26), 9844-B3 (24-26), 9844-B6 (8-10), and Trip Blank were below the lower acceptance limits. The positive results and non-detects for all VOC analytes in these samples were qualified as estimated, possibly biased low (flagged J-/UJ).

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	The MS/MSD analyses performed on the project samples within this analytical data package were within acceptance limits. If applicable to this project, MS/MSD analyses performed on samples from other analytical data packages were evaluated in the associated reports. Except for DRO and ORO, MS/MSD analyses were not performed on the project samples in this analytical data package due to insufficient sample volume.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, with the following exceptions: The LCS %Rs for 2-hexanone and chloroethane were above the upper acceptance limits. These analytes were not detected in the associated samples; therefore, no qualification was necessary.
Other (Field duplicate evaluation)	☑	☐	☐	Samples 9844-B2 (8-10) and 9844-B2 (8-10) DUP: The RPD for GRO exceeded the acceptance limit, and the difference between the results for acetone, cyclohexane, isopropylbenzene, and methylcyclohexane exceeded the associated RL. Therefore, the results for these analytes for both samples were qualified as estimated (flagged J/UJ).
Summary No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.				

DATA VERIFICATION REPORT

Prepared by: Aaron Smith

Date: July 14, 2021

Site Name/Job Number: REPA Cyclonic / 103G65210190.06.03

Laboratory: ALS Environmental – Holland, MI

Data Package or SDG Number: 21060477

Sample Designations/Names:

9846-B1 (24-26) 9846-B2 (28-30) 9846-B3 (28-30) 9846-B4 (27-29) 9846-B5 (28-30) 9846-B6 (21-23) Trip Blank 9846-B4 (27-29) DUP

Matrices: SOIL

Analytical Parameters: Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds (VOCs) and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 6/4/2021; the samples arrived in good condition at 3.2 ° C. Samples were analyzed within the recommended method holding times; all analysis was complete by 6/16/2021.
Method and field blank contamination	☑	☐	☐	The method blank for DRO and ORO had detections above the MDL. The Trip Blank had detections above the MDL for acetone. The following qualifications were applied as a result of this blank contamination: • The DRO and ORO results for all samples, except Trip Blank were raised to the value of the RL and were qualified as non-detect (flagged U). • The acetone results for samples 9846-B1 (24-26), 9846-B2 (28-30), 9846-B3 (28-30), 9846-B5 (28-30), and 9846-B4 (27-29) DUP were raised to the value of the RL and were qualified as non-detect (flagged U).

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for the following exceedances in VOC and SVOC sample analyses. Based on these exceedances the following qualifiers have been applied: • The %Rs for surrogate dibromofluoromethane in all samples were below the lower acceptance limits. The positive results and non-detects for all VOC analytes in all samples were qualified as estimated, possibly biased low (flagged J-/UJ). • The %Rs for surrogate compound 4-terphenyl-d14 in samples 9846-B2 (28-30) and 9846-B5 (28-30) were below the lower acceptance limit. The positive results and non-detects for all base-neutral SVOC analytes in these samples were qualified as estimated, possibly biased low (flagged J-/UJ). • The %Rs for surrogate compounds 2,4,6-tribromophenol, 2-fluorobiphenyl, and 4-terphenyl-d14 in sample 9846-B3 (28-30) were below the lower acceptance limits. The positive results and non-detects for all SVOC analytes in this sample were qualified as estimated, possibly biased low (flagged J-/UJ). • The %Rs for surrogate compounds 2,4,6-tribromophenol and 4-terphenyl-d14 in sample 9846-B4 (27-29) were below the lower acceptance limits. The positive results and non-detects for all SVOC analytes in this sample were qualified as estimated, possibly biased low (flagged J-/UJ). • The %Rs for surrogate compounds 2,4,6-tribromophenol, 2-fluorophenol, and 4-terphenyl-d14 in sample 9846-B4 (27-29) DUP were below the lower acceptance limits. The positive results and non-detects for all SVOC analytes in this sample were qualified as estimated, possibly biased low (flagged J-/UJ).

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	The MS and/or MSD %Rs for arsenic and selenium were below the lower acceptance limits. As a result, arsenic and selenium results in sample 9846-B6 (21-23) were qualified as estimated, possibly biased low (flagged J-). The MS/MSD %Rs for barium and chromium were above the upper acceptance limits. As a result, the chromium result in sample 9846-B6 (21-23) was qualified as estimated, possibly biased high (flagged J+). The parent sample barium result was > 4 times the spike added, therefore no qualification was necessary. The MS/MSD %Rs for 2-butanone, 2-hexanone, and acetone were above the upper acceptance limits for the spike performed on sample 9844-B4 (27-29) DUP. The positive acetone result was previously qualified as non-detect, due to blank contamination and 2-butanone and 2-hexanone were not detected in the parent sample, therefore no qualification was necessary. Except for VOCs and DRO/ORO, MS/MSD analyses were not performed for the organic methods due to insufficient sample volume.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, with the following exceptions: The LCS %R for 2-hexanone was above the upper acceptance limit. 2-hexanone was not detected in the associated samples; therefore, no qualification was necessary.
Other (Field duplicate evaluation)	☑	☐	☐	Samples 9846-B4 (27-29) and 9846-B4 (27-29) DUP: The difference between the results for pentachlorophenol exceeded the associated RL. Due to low surrogate %Rs in both samples these results were previously qualified as estimated, possibly biased low (flagged J-/UJ). Additional qualification was not necessary.
Summary No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.				

DATA VERIFICATION REPORT

Prepared by: Aaron Smith

Date: July 13, 2021

Site Name/Job Number: REPA Cyclonic / 103G65210190.06.03

Laboratory: ALS Environmental – Holland, MI

Data Package or SDG Number: 21060687

Sample Designations/Names:

9846-B1 9846-B2 9846-B3 9846-B4 9846-FB 9846-RN Trip Blank-1 Trip Blank-2

Matrices: GROUNDWATER

Analytical Parameters: Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds (VOCs) and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 6/7/2021; the ice in all of the coolers had melted and the recorded temperature upon receipt was 22.1 °C through 22.6 °C. Samples were extracted and analyzed within the recommended method holding times; all analysis was complete by 6/22/2021. As a result of the temperature exceedance the sample results for all analysis are qualified as estimated (flagged J, UJ).

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Method and field blank contamination	☑	☐	☐	The method blank for DRO and ORO had detections above the MDL. The field blank sample, 9846-FB had detections above the MDL for DRO, ORO, and bromoform. The rinse blank sample, 9846-RN had detections above the MDL for DRO, ORO, and 2-butanone. The trip blanks (Trip Blank-1 and Trip Blank-2) had detections above the MDL for bromoform and dibromochloromethane. Due to blank contamination, the following qualifications were applied to the project samples: • The DRO and ORO results in samples 9846-FB and 9846-RN were raised to the value of the RL and were qualified as non-detect (flagged U). • The 2-butanone results for samples 9846-B1, 9846-B2, and 9846-B3 were raised to the value of the RL and were qualified as non-detect (flagged U). • The bromoform result for sample 9846-B1 was qualified as estimated, possibly biased high (flagged J+).
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits.
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	The MS/MSD analysis for 6010 metals was performed on a rinse blank, 9846-RN. Evaluation of MS/MSD results performed on field QC blank samples is not warranted. A MS analysis for VOCs was performed on 9846-B2 but only chloroethane was reported as this was a reanalysis for that analyte. The %R was within limits. If applicable to this project, MS/MSD analyses performed on samples from other analytical data packages were evaluated in the associated report. Except for VOCs, MS/MSD analyses were not performed for the organic methods due to insufficient sample volume.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, with the following exceptions: The LCS %R for bromomethane was above the upper acceptance limit. Bromomethane was not detected in the associated samples; therefore, no qualification was necessary. The LCS/LCSD RPDs for 2-methylnaphthalene, hexachloroethane, and naphthalene were greater than the acceptance limit. These analytes were not detected in the associated samples; therefore, no qualification was necessary.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Other	☐	☐	☑	

Summary

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

DATA VERIFICATION REPORT

Prepared by: Aaron Smith

Date: July 12, 2021

Site Name/Job Number: REPA Cyclonic / 103G65210190.06.03

Laboratory: ALS Environmental – Holland, MI

Data Package or SDG Number: 21060688

Sample Designations/Names:

9844-B1 9844-B3 9844-B4 9844-B5 9844-B6 9844-FB 9844-RN Trip Blank-1 Trip Blank-2 Trip Blank-3

Matrices: GROUNDWATER

Analytical Parameters: Metals by 6010, Mercury by 7470, semivolatile organic compounds (SVOCs) and diesel range organics (DRO) and oil range organics (ORO) by 8270, volatile organic compounds (VOCs) and gasoline range organics (GRO) by 8260

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 6/7/2021; the ice in all of the coolers had melted and the recorded temperature upon receipt was 22.1 °C through 22.6 °C. Samples were extracted and analyzed within the recommended method holding times; all analysis was complete by 6/22/2021. As a result of the temperature exceedance the sample results for all analysis are qualified as estimated (flagged J, UJ).

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Method and field blank contamination	☑	☐	☐	The method blank for DRO and ORO had detections above the MDL. The field blank sample, 9844-FB had detections above the MDL for DRO, ORO, 2-Butanone, and bromoform. The rinse blank sample, 9844-RN had detections above the MDL for dissolved chromium, DRO, ORO, 2-butanone, bromoform, and dibromochloromethane. The trip blanks (Trip Blank-1, Trip Blank-2, and Trip Blank-3) had detections above the MDL for acetone and bromoform. Due to blank contamination, the following qualifications were applied to the project samples: • The DRO and ORO results in samples 9844-B1, 9844-FB, and 9844-RN were raised to the value of the RL and were qualified as non-detect (flagged U). • The 2-butanone results for samples 9844-B1, 9844-B3, 9844-B4, 9844-B5, and 9844-B6 were raised to the value of the RL and were qualified as non-detect (flagged U). • The bromoform results for samples 9844-B3 and 9844-B6 were raised to the value of the RL and were qualified as non-detect (flagged U). In addition, the bromoform results for samples 9844-B1 and 9844-B4 were qualified as estimated, possibly biased high (flagged J+). • The dibromochloromethane result for sample 9844-B4 was raised to the value of the RL and was qualified as non-detect (flagged U). • The acetone result for sample 9844-B1 was raised to the value of the RL and was qualified as non-detect (flagged U). In addition, the acetone results for samples 9844-B4, 9844-B5, and 9844-B6 were qualified as estimated, possibly biased high (flagged J+).
Surrogate spikes	☑	☐	☐	Surrogate spikes were within acceptable limits, except for phenol-d6 in sample 9844-B6 for SVOCs. The recovery of phenol-d6 was above the upper acceptance limit; however, no acid compounds were detected in this sample. Therefore, no qualification of results was necessary.

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Matrix spikes/matrix spike duplicates (MS/MSD)	☑	☐	☐	The MS/MSD %Rs for total arsenic, total barium, total chromium, and total lead were below the lower acceptance limits. As a result, total arsenic, total chromium, and total lead results in sample 9844-B1 were qualified as estimated, possibly biased low (flagged J-). The parent sample total barium result was > 4 times the spike added, therefore no qualification was necessary. The MS %R for bromomethane was above the upper acceptance limit. Bromomethane was not detected in the parent sample, 9844-B3, therefore no qualification was necessary. If applicable to this project, MS/MSD analyses performed on samples from other analytical data packages were evaluated in the associated report. Except for VOCs, MS/MSD analyses were not performed for the organic methods due to insufficient sample volume.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, with the following exceptions: The LCS %R for bromomethane was above the upper acceptance limit. Bromomethane was not detected in the associated samples; therefore, no qualification was necessary. The LCS/LCSD RPDs for 2-methylnaphthalene, hexachloroethane, and naphthalene were greater than the acceptance limit. These analytes were not detected in the associated samples; therefore, no qualification was necessary.
Other	☐	☐	☑	

Summary

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

DATA VERIFICATION REPORT

Prepared by: Aaron Smith
Date: July 15, 2021
Site Name/Job Number: REPA Cyclonic / 103G65210190.06.03
Laboratory: ALS Environmental – Simi Valley, CA
Data Package or SDG Number: P2103070
Sample Designations/Names:

9844-SV1	9844-SV2	9844-SV3	9844-SV4	9844-SV5	9844-SV6

Matrices: Soil Gas
Analytical Parameters: VOCs by EPA Methods TO-15

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 6/04/2021; the samples arrived in good condition. Samples were analyzed within the recommended method holding times; all analysis was complete by 6/23/2021.
Method and field blank contamination	☑	☐	☐	The method blank was nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spike recoveries were within acceptance limits.
Matrix spikes/matrix spike duplicates (MS/MSD)	☐	☐	☑	Matrix spikes are not required for method TO-15.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, with the following exception: The LCS %R for methyl tert-butyl ether was below the lower acceptance limits. The methyl tert-butyl ether results for all samples were qualified as estimated, possibly biased low (flagged UJ).
Other	☐	☐	☑	

Summary

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

DATA VERIFICATION REPORT

Prepared by: Aaron Smith
Date: July 15, 2021
Site Name/Job Number: REPA Cyclonic / 103G65210190.06.03
Laboratory: ALS Environmental – Simi Valley, CA
Data Package or SDG Number: P2103071
Sample Designations/Names:

9846-SV1	9846-SV2	9846-SV3	9846-SV4	9846-SV5	9846-SV6

Matrices: Soil Gas
Analytical Parameters: VOCs by EPA Methods TO-15

Data Package Element	Usable	Rejected	NA	Description of Affected Data (note specific samples and analytical parameters affected)
Chain of custody	☑	☐	☐	The chain of custody was completed appropriately.
Data package completeness	☑	☐	☐	Package contains all the required elements.
Sample preservation, storage, and holding times	☑	☐	☐	The samples were received on 6/04/2021; the samples arrived in good condition. Samples were analyzed within the recommended method holding times; all analysis was complete by 6/23/2021.
Method and field blank contamination	☑	☐	☐	The method blank was nondetect for all target analytes.
Surrogate spikes	☑	☐	☐	Surrogate spike recoveries were within acceptance limits.
Matrix spikes/matrix spike duplicates (MS/MSD)	☐	☐	☑	Matrix spikes are not required for method TO-15.
Laboratory control samples/Laboratory control sample duplicates (LCS/LCSD)	☑	☐	☐	LCS was performed and all analytes were within control limits, with the following exception: The LCS %R for methyl tert-butyl ether was below the lower acceptance limits in the LCS analyzed on 6/23/2021. The methyl tert-butyl ether results for samples 9846-SV1, 9846-SV2, 9846-SV4, and 9846-SV6 were qualified as estimated, possibly biased low (flagged J-/UJ).
Other	☐	☐	☑	

Summary
Data is usable as reported by the laboratory. No data qualifications were applied by the laboratory, and none appear to be necessary.

APPENDIX E

GROUND PENETRATING RADAR SURVEY REPORTS

Job Summary

Job Date : 6/1/2021

Customer	Tetra Tech, Inc.	**Phone Number**	(816) 412-1856

Billing Address	City	State	Zip
415 Oak St.	Kansas City	MO	64106

Job Details

Jobsite Location	9846 W FLORISSANT AVE
City	FLORISSANT
State	MO

WA Number	270321
Job Num	
PO Num	1180408

Lead Technician WOMACK, JUSTIN **Phone** 314-303-8394 **Email** justin.womack@gprsinc.com

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.

Work Performed

Ground Penetrating Radar Systems performed the following work on this project:

Underground Utility

The scope of work included scanning the specified area to locate underground utilities. A tracer signal was sent along any accessible metallic utility or tracer wire, and the area was scanned with GPR to locate any additional targets. The locations of any detected utilities and anomalies were marked directly at the site with paint, flags, stakes, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted.

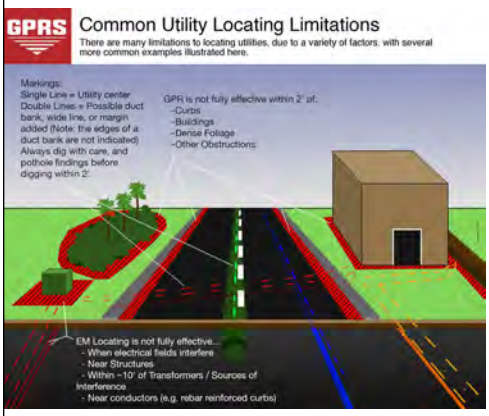
- The total area scanned was approximately 1.25 acres.
- The scope of work includes scanning for underground utilities within the scan boundary shown by the client.
- The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 3 feet.

Job Summary

Job Date : 6/1/2021

- During the time of scanning, the findings were marked with marking paint and flags when able. The water lines on each property were unable to be located. The sewer was unable to be located within the northern half of the scanned area. The site lighting was only able to be partially located. The conduit feeding to the previous building footprint was unable to be located. Some unknown anomalies were able to be partially found. The unknown anomalies could be foundation walls underground. The irrigation was able to be partially located from the irrigation boxes. Utilities must be at least 1" in diameter for every 1' in depth for GPR to effectively locate it. GPR was unable to scan within 3' of any curb or other surface obstruction.

Pictures



Utility Limitations

TERMS & CONDITIONS

http://www.gprsinc.com/termsandconditions.html

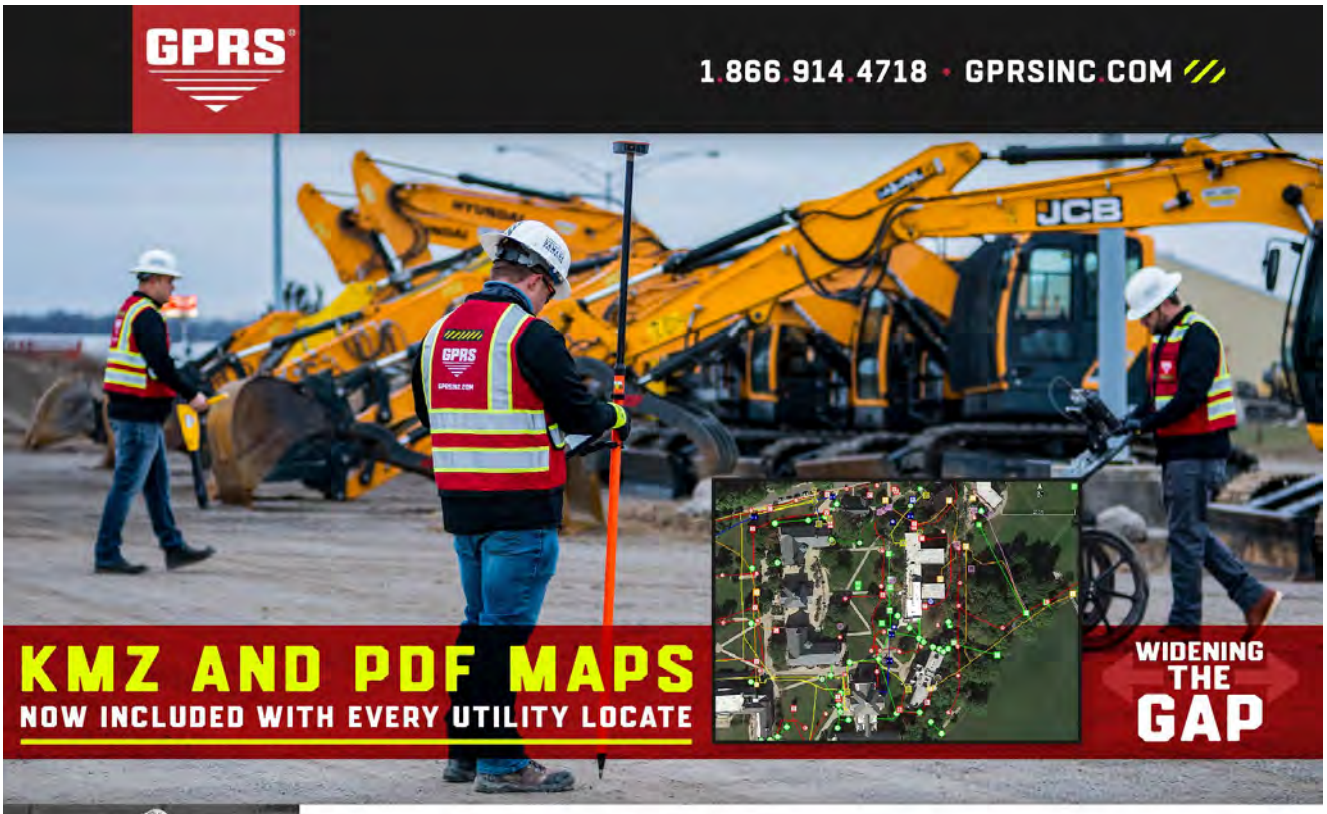
SIGNATURE

Contact Name

Zach Usher (816) 412-1856 Zach.usher@tetratech.com

Job Summary

Job Date : 6/1/2021



UTILITY LOCATING

To ensure the overall timely success of your project, utility detection is critical to any construction project where subsurface excavation is planned. If this critical first step is ignored, the risk for injury increases, budget overruns can multiply and your schedule can be delayed.

VIDEO PIPE INSPECTION

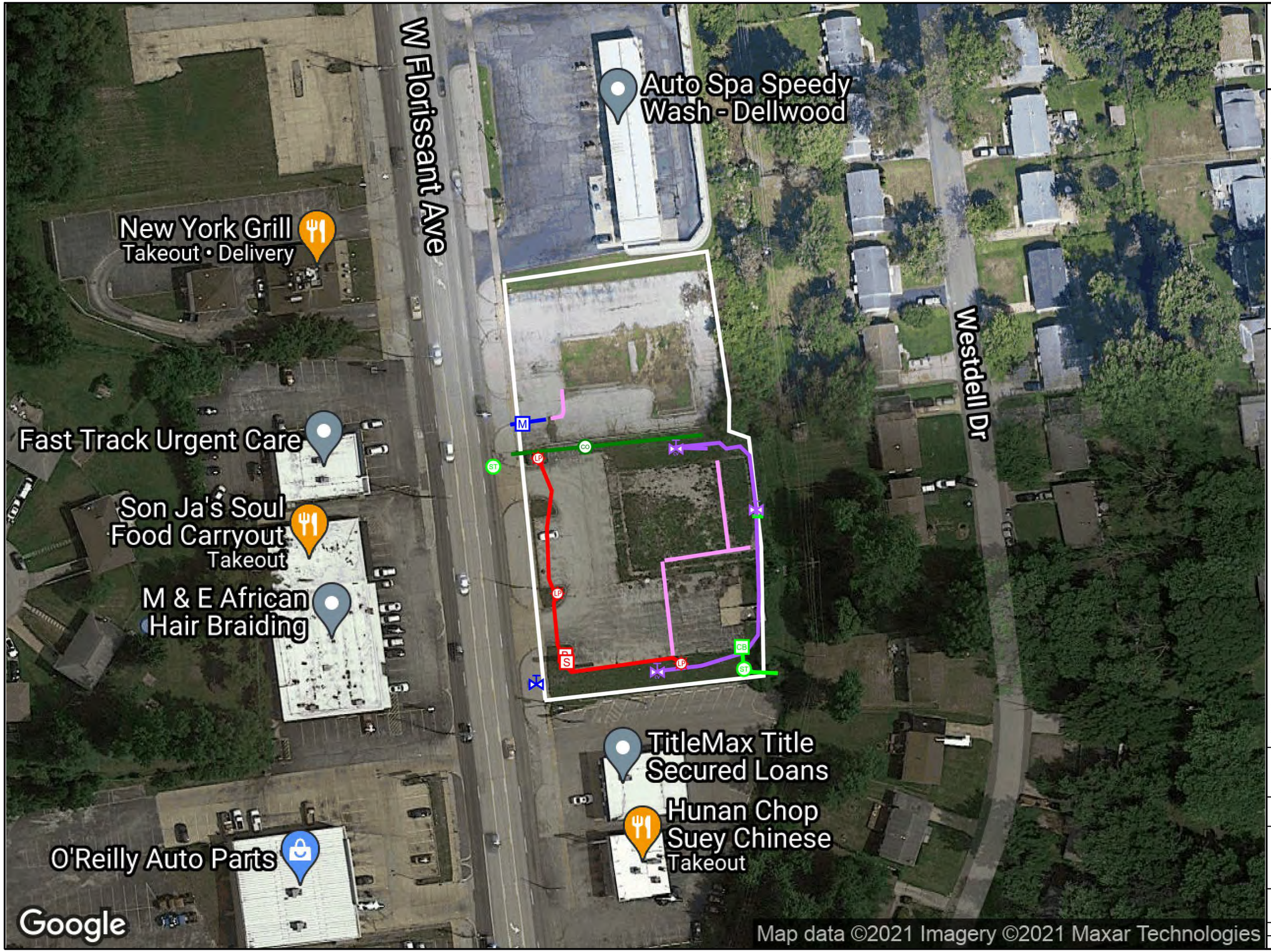
Video Pipe Inspection (CCTV) is a service used to inspect underground water, sewer and lateral pipelines. VPI is a great tool for investigating cross-bores, structural faults and damages, and lateral line inspection.

CONCRETE IMAGING

With new build construction and renovation projects, the likelihood of needing to cut or core concrete is high. There is an inherent risk of striking rebar, conduits, and post tension cables during the cutting or coring process. Our industry-leading concrete scanning services can mitigate the risks associated with saw cutting and core drilling concrete slabs.

MAPPING & MODELING

As-built utility maps, structural as-built drawings, and facility maps are actually meant to be "as-intended" drawings as the construction process or renovations can cause deviations to the original plan. GPRS can create a comprehensive facility map that contains precise as-built conditions – giving you peace of mind by knowing exactly what exists on your property.



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LEGEND

- ELECTRICAL
- IRRIGATION
- SANITARY
- SCAN LIMIT
- STORM
- UNKNOWN
- WATER

0' 25' 50' 75' 100'

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FOR INFORMATION ONLY

GPRS FINDINGS MAP

PREPARED FOR:
TETRA TECH

LOCATION:
9846 W FLORISSANT AVE
FLORISSANT, MISSOURI

PROJECT MANAGER:
JUSTIN WOMACK
JUSTIN.WOMACK@GPRSINC.COM

DATE	2021 JUL 01		
DRAWING NO.	1	REV.	2

270321

- AIR_COMPRESSOR
- AIR_CONTINUES
- AIR_EOI
- AIR_MANHOLE
- AIR_MISC
- AIR_PUMP
- AIR_RISER
- CHEM_AST
- CHEM_CONTINUES
- CHEM_EOI
- CHEM_MANHOLE
- CHEM_MISC
- CHEM_PUMP
- CHEM_TANK
- CHEM_VALVE
- COMM_BOX
- COMM_CAMERA
- COMM_CONTINUES
- COMM_EOI
- COMM_MANHOLE
- COMM_MISC
- COMM_PEDESTAL
- COMM_POLE
- COMM_VAULT
- ELEC_BOX
- ELEC_CABINET
- ELEC_CONTINUES
- ELEC_EOI
- ELEC_EQUIPMENT
- ELEC_LANDSCAPELIGHT
- ELEC_MANHOLE
- ELEC_METER
- ELEC_MISC
- ELEC_PANEL
- ELEC_POWERPOLE
- ELEC_SIGN
- ELEC_SITELIGHT
- ELEC_TRANSFORMER
- ELEC_UTILITYPOLE
- ELEC_VAULT
- FIRE_BACKFLOWPREVENTOR
- FIRE_CONTINUES
- FIRE_EOI
- FIRE_HYDRANT
- FIRE_MANHOLE
- FIRE_METER
- FIRE_MISC
- FIRE_POSTINDICATORVALVE
- FIRE_RISER
- FIRE_VALVE
- FUEL_AST
- FUEL_CONTINUES
- FUEL_EOI
- FUEL_MANHOLE
- FUEL_MISC
- FUEL_PUMP
- FUEL_RISER
- FUEL_UST
- FUEL_VALVE
- FUEL_VAULT
- FUEL_VENT
- GAS_AST
- GAS_CONTINUES
- GAS_EOI
- GAS_MANHOLE
- GAS_METER
- GAS_MISC
- GAS_PUMP
- GAS_RISER
- GAS_UST
- GAS_VALVE
- GAS_VAULT
- GAS_VENT
- IRR_BACKFLOWPREVENTOR
- IRR_CONTINUES
- IRR_CONTROL VALVE
- IRR_EOI
- IRR_MISC
- IRR_RISER
- IRR_SPRINKLER
- MISC_CONTINUES
- MISC_DEPTH
- MISC_EOI
- MISC_MANHOLE
- MISC_POINT
- MISC_VALVE
- OIL_CONTINUES
- OIL_EOI
- OIL_MANHOLE
- OIL_MISC
- OIL_PUMP
- OIL_RISER
- OIL_TANK
- OIL_UST
- OIL_VALVE
- OIL_VAULT
- OIL_VENT
- SAN_CLEANOUT
- SAN_CONTINUES
- SAN_EOI
- SAN_GREASETRAP
- SAN_INVERT
- SAN_LIFTSTATION
- SAN_MANHOLE
- SAN_MARKER
- SAN_MISC
- SAN_SEPTICTANK
- SAN_VAULT
- SAN_VENT
- STEAM_CONTINUES
- STEAM_EOI
- STEAM_MANHOLE
- STEAM_VALVE
- STRM CATCHBASINROUND
- STRM CATCHBASINSQUARE
- STRM_CLEANOUT
- STRM_CONTINUES
- STRM_ENDPIPE
- STRM_EOI
- STRM_LIFTSTATION
- STRM_MANHOLE
- STRM_MISC
- STRM_ROOFDRAIN
- STRM_TRENCHDRAIN
- STRM_UST
- STRM_VAULT
- STRM_VENT
- STRM_YARDBASIN
- TRAF_BOX
- TRAF_CABINET
- TRAF_CONTINUES
- TRAF_EOI
- TRAF_MANHOLE
- TRAF_MISC
- TRAF_PARKINGMETER
- TRAF_POLE
- TRAF_SIGN
- TRAF_SIGNAL
- TRAF_STREETLIGHT
- TREE_CONIFEROUS
- TREE_DECIDUOUS
- UNKN_CONTINUES
- UNKN_EOI
- UNKN_MANHOLE
- UNKN_MISC
- UNKN_VALVE
- WTR BACKFLOWPREVENTOR
- WTR_CONTINUES
- WTR_EOI
- WTR_HYDRANT
- WTR_MANHOLE
- WTR_METER
- WTR_MISC
- WTR POSTINDICATORVALVE
- WTR_RISER
- WTR_VALVE
- WTR_WELLHEAD
- BUILDING CORNER
- FLAGPOLE
- GRAVE
- GRAVE
- HEADSTONE NO GRAVE
- MAILBOX
- POST
- PROPOSED BY OTHERS
- SATELLITE
- SIGN
- SOIL BORING MARKER

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- ELECTRICAL
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LOCATION:
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FLORISSANT, MISSOURI

PROJECT MANAGER:
JUSTIN WOMACK
JUSTIN.WOMACK@GPRSINC.COM

DATE	2021 JUL 01		
DRAWING NO.	2	**REV.**	2

270321

APPENDIX F

PROPERTY PROFILE FORM

United States
ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

Form Approved
OMB Number No. 2050-0192
Expires 07-31-2012

PROPERTY PROFILE FORM—Brownfields

PART I- PROPERTY INFORMATION

COOPERATIVE AGREEMENT RECIPIENT INFORMATION

1. Cooperative Agreement Recipient Name (State/Tribe for Section 128(a) Cooperative Agreements; requestor/contractor for TBAs): St. Louis Urban League

2. Cooperative Agreement Number (contract number for TBAs): 68HERH19D0018

3. What type of cooperative agreement funding is being used for this property?

- ☐ Assessment
- ☐ Revolving Loan Fund
- ☐ Cleanup
- ☐ Section 128(a) – State and Tribal Response
- ☑ TBA (EPA Regions Only)

4. For Assessment, Cleanup, and Revolving Loan Fund cooperative agreements, what type of funding is being used at this property?

- ☐ Hazardous Substance
- ☐ Petroleum
- ☑ Both

5a. Indicate if this form is the initial or Updated Form:

- ☑ Initial Form
- ☐ Updated Form

5b. If "Updated Form," what's the ACRES Property ID?

PROPERTY BACKGROUND INFORMATION

6. Property Name: Former Advanced Automotive and Fashions R Boutique

7a. Street Address: 9844-9846 West Florissant Avenue

7b. City: Dellwood

7c. County: St. Louis

7d. State: MO

7e. Zip code: 63135

8. Size (in acres): 1.30

9. Parcel Number(s): UNK

STATE & TRIBAL BROWNFIELDS/VOLUNTARY RESPONSE PROGRAM INFORMATION

10. State & Tribal Program Enrollment (If the property is not enrolled in a state program, check Property Not Enrolled check box):

Date of Enrollment:

ID Number (if applicable):

☑ Property Not Enrolled in a State or Tribal Program

PROPERTY GEOGRAPHIC INFORMATION *(EPA Brownfields Program, or its contractors, will provide complete latitude/longitude information if cooperative agreement recipients are unable)*

11a. Latitude (use 00.000000 decimal degree format): 38.74686

11b. Longitude (use -000.000000 decimal degree format): -90.279024

11c. Horizontal Collection Method: Global Positioning Method- Unspecified Parameters

11d. Source Map Scale Number (Only if a map/photo was used):

11e. Reference Point (e.g., Center of Facility or Station): Center of a Facility or Station

11f. Horizontal Reference Datum (Choose one):

- ☐ NAD27-North American Datum of 1927
- ☐ NAD83-North American Datum of 1983
- ☑ WGS84-World Geodetic System of 1984

PART II- ENVIRONMENTAL ACTIVITIES

ENVIRONMENTAL ASSESSMENT INFORMATION *(mandatory for Assessment Cooperative Agreements, State & Tribal Property-Specific Assessments, and TBAs; as available for Cleanup and RLF cooperative agreement recipients; CA = Cooperative Agreement)*

Table A – Environmental Assessment Activity (If there are multiple assessments, please use a separate line for each assessment)

Environmental Assessment Detail			Source of Funding (enter one source of funding per line; do not include funding received prior to the award of this						
Activity	Start Date	Completion Date	This US EPA CA	Other Federal	State/Tribal (exclude §128(a) funds)	Local Gov't	Private/ Other	Name of Entity Providing Funds	Amount of Funding Expended on this Activity
Phase I	1/1/2017	6/1/2017	☐	☐	☑	☐	☐	MDNR	UNK
Phase II	1/1/2018	4/1/2018	☑	☐	☐	☐	☐	U.S. EPA Region 7	UNK
Cleanup Planning	1/1/2019	7/1/2019	☐	☐	☑	☐	☐	MDNR	UNK

12. Indicate whether cleanup is required: ☐ Yes ☐ No ☑ Unknown

CONTAMINANTS & MEDIA AFFECTED INFORMATION *(mandatory for all cooperative agreement types)*

Table B - Contaminants and Media Affected (check all that apply):

Contaminants

Class of Contaminant	REC*	Found	Cleaned Up
Petroleum/Petroleum Products	☑	☑	☐
Controlled Substances	☐	☐	☐
Asbestos	☐	☐	☐
PCBs	☐	☐	☐
VOCs	☑	☑	☐
Lead	☑	☑	☐
Other Metals	☑	☑	☐
PAHs	☑	☑	☐
Other Contaminants	☐	☐	☐
No Contaminants	☐		
Unknown	☐		

Media

Media	Affected	Cleaned Up
Soil	☑	☐
Air	☑	☐
Surface Water	☐	☐
Ground Water	☑	☐
Drinking Water	☐	☐
Sediments	☐	☐
No Media Affected	☐	
Unknown	☐	

*REC = Recognized Environmental Conditions

ENVIRONMENTAL CLEANUP INFORMATION *(mandatory for Cleanup and RLF Cooperative Agreements and State & Tribal Property-Specific Cleanups; as available for Assessment Cooperative Agreements and TBAs)*

13. Cleanup Activity Start Date: _____

14. Cleanup Activity Completion Date: _____

15. Acres Cleaned Up: _____

16. Date No Further Action/Cleanup Completion Document Issued
(If the property was not enrolled in a state or tribal program, leave blank): Date: _____

17. Number of Cleanup Jobs Leveraged: _____

18. If EPA Brownfields funding was used, indicate the type and amount (If any non-EPA funding was used, fill out Table C):

Type	Amount	Type	Amount
☐ Cleanup Cooperative Agreement	_____	☐ RLF Subgrant	_____
☐ RLF Loan	_____ Date RLF Loan Signed _____	☐ Section 128(a) State/Tribal Cooperative Agreement	_____

Table C - Environmental Cleanup Leveraged Funding Detail

Source of Funding (enter one source of funding per line; do not include funding received prior to the award of this EPA Cooperative Agreement)					
Other Federal	State/Tribal (exclude §128(a) funds)	Local Gov't	Private/ Other	Name of Entity Providing Funds	Amount of Funding Expended on this Activity
☐	☐	☐	☐		
☐	☐	☐	☐		
☐	☐	☐	☐		

PART II- ENVIRONMENTAL ACTIVITIES (continued)

INSTITUTIONAL & ENGINEERING CONTROLS INFORMATION *(mandatory for all cooperative agreement types)*

19a. Indicate whether Institutional Controls are required: ☐ Yes ☐ No ☑ Unknown

19b. If Institutional Controls were required, indicate the category (check all that apply):

☐ Proprietary Controls (e.g., easements, covenants)
☐ Governmental Controls (e.g., zoning, building codes)
☐ Informational Devices (e.g., state registries, deed notices)
☐ Enforcement/Permit Tools (e.g., permits, consent decrees)

Additional Institutional Controls Information:

Address of Data Source (URL if available): _____

19c. Indicate whether Institutional Controls in place: ☐ Yes ☑ No Date: _____

20a. Indicate whether Engineering Controls are required: ☐ Yes ☐ No ☑ Unknown

20b. If Engineering Controls were required, indicate the category (check all that apply):

☐ Cover Technologies (e.g., Capping)
☐ Immobilization Process (e.g., Encapsulation, In-Situ Solidification)
☐ Engineered Barriers (e.g., Slurry Walls, Sheet)
☐ Security (e.g., Guard, Fences)
☐ Other _____

Additional Engineering Controls Information:

Address of Data Source (URL if available): _____

20c. Indicate whether Engineering Controls in place: ☐ Yes ☑ No Date: _____

REDEVELOPMENT AND OTHER LEVERAGED ACCOMPLISHMENTS *(Mandatory for Assessment, Cleanup and RLF Cooperative Agreements; as available for State and Tribal Property Specific Activities and TBAs)*

21. Redevelopment Start Date: _____ **22.** Redevelopment Completion Date: _____

Table D- Redevelopment Leveraged Funding Detail

Source of Funding (enter one source of funding per line; do not include funding received prior to the award of this EPA Cooperative Agreement)				Name of Entity Providing Funds	Amount of Funding Expended on this Activity
Other Federal	State/Tribal	Local Gov't	Private/ Other		
☐	☐	☐	☐		
☐	☐	☐	☐		
☐	☐	☐	☐		
☐	☐	☐	☐		

23. Number of Redevelopment Jobs Leveraged: _____

24. Future Use and Estimated Acreage (check all that apply; For properties with multi-story buildings only, please indicate also the square footage for each type of reuse (e.g. a three story building with first floor commercial and remaining floors residential).

☑ Multi-story building

☐ Greenspace _____ acres _____ sq. ft.
☑ Commercial 1.30 acres unk sq. ft.
☐ Industrial _____ acres _____ sq. ft.
☐ Residential _____ acres _____ sq. ft.

25. Actual Acreage(s) and Type(s) of Greenspace Created: _____

PART II- ENVIRONMENTAL ACTIVITIES (continued)

ANECDOTAL PROPERTY INFORMATION *(as available for all cooperative agreement types)*

26. Property Highlights:

The Phase I Environmental Site Assessment (ESA) report states the property was first developed in the 1930s for commercial use, and historically included a commercial structure that may have been an auto garage and/or drug store. Facilities to the north, east, south, and west included filling station, auto repair, and auto dealership/service operations. The Phase I ESA report indicated potential for presence of underground storage tanks (UST) at the property due to operations of auto-service-related facilities before environmental regulations were in place. In addition, it identified a dry cleaner upgradient and north of the property beyond the roadway. The Phase I ESA report identified as RECs to the subject property possible impacts on the subject property from historical on-site and off-site auto-service operations and off-site dry cleaning operations.

PROPERTY PHOTOGRAPH INFORMATION

27. Indicate whether photographs are available: ☑ Yes ☐ No **28.** Indicate whether video is available: ☐ Yes ☑ No

PART III- ADDITIONAL PROPERTY INFORMATION

PROPERTY HISTORY INFORMATION

29. Property Description / History / Past Ownership:

See anecdotal property information above.

30. Predominant Past Use(s) (check all that apply; For properties with multi-story buildings only, please indicate also the square footage for each type of reuse (e.g. a three story building with first floor commercial and remaining floors residential):

☐ Multi-story building

☐ Greenspace _____ acres _____ sq. ft. ☑ Commercial 1.31 acres _____ sq. ft.

☐ Residential _____ acres _____ sq. ft. ☐ Industrial _____ acres _____ sq. ft.

OWNERSHIP & SUPERFUND LIABILITY *(Mandatory for Cleanup and RLF Cooperative Agreements)*

31a. Ownership Entity:

☑ Government (Tribal, State, Local) ☐ Private

31b.Current Owner:

St. Louis Urban League

32a. During the life of the cooperative agreement, did ownership change?

☐ Yes ☑ No

32b. If "yes," did Superfund federal landowner liability protections factor into the ownership change?

☐ Yes ☐ No ☐ Unknown

PART IV- APPROVALS

33. Cooperative Agreement Recipient Project Manager

Name (please print): _____ Signature _____ Date: _____

34. US EPA Regional Representative

Name (please print): _____ Signature _____ Date: _____