Appendix E: Soil Sampling Evaluation Letter

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January 14, 2021

Ms. Vicky Burke
Director of Communications
sent via email vicky.burke@fourstonesgrp.com

Four Stones Real Estate, LLC
5200 Buffington Road
Atlanta, GA 30349

Re: Environmental Evaluation of Fill Materials
Undeveloped Property
Ohlone Parkway and Manabe OW Road
Watsonville, California
ATC Project No.: NPFSRE2001

Dear Ms. Burke:

ATC Group Services LLC (ATC) has prepared this letter to present the results of the soil sampling event with regard to fill material located at the undeveloped property along Ohlone Parkway and Manabe Ow Road in Watsonville, California (**Figure 1**). The purpose of this review was to provide an evaluation of potential environmental risks associated with fill material previously imported to the property that is undergoing development.

PROJECT BACKGROUND

The property is comprised of five parcels of undeveloped land totaling approximately 34.507 acres. Evidence of some rough grading and imported fill is apparent across the property. Sidewalks and concrete curbing have also been installed along the northwestern portion of the property adjacent to Manabe Ow Road, and concrete curbing is present along both sides of Ohlone Parkway as is passes through the center of the property. According to information obtained from the Santa Cruz County Assessor's Website, the property is identified as Assessor's Parcel Numbers (APNs) 018-711-05, 018-711-29, 018-711-30, 018-711-31, and 018-711-32.

The property is located within Santa Cruz County in an area characterized by vacant, residential, and industrial uses. Surface topography across the property and in the surrounding area is generally flat, with some low rises across the property due to imported fill. Regional slope is very slight and toward the west.

In conjunction with a Phase I Environmental Site Assessment (ESA), ATC performed a site reconnaissance and review of historical records. ATC observed elevated fill in the eastern portion of the property, and in the central western portion of the property (**Figure 2**). Compacted fill material also appeared to be in place across much of the rest of the property without impacting elevation. ATC did not observe any evidence of stained soil or distressed vegetation within the fill piles at the property. Based on review of aerial photographs, it appears that the fill piles were generated starting in April 2013. Based on the observed

conditions and the lack of available origin information for all of the fill material, ATC performed limited soil sampling to evaluate the fill soil according to the *Department of Toxic Substance Control (DTSC) Information Advisory, Clean Imported Fill Material*, dated October 2001. The following scope of work was conducted in part based on review of this guidance document and subsequent discussion with the client.

JOB SETUP AND PREPARATION

ATC prepared a site-specific health and safety plan (HASP) prior to the commencement of fieldwork as required by the Occupational Health and Safety Administration (OSHA) Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120), and by the California Occupational Health and Safety Administration (Cal-OSHA) "Hazardous Waste Operations and Emergency Response" guidelines (CCR Title 8, Section 5192). The HASP was kept at the job site at all times and was reviewed by the field staff before commencing field operations at the site.

Permits were not required for conducting this scope of work.

FIELD WORK

Soil Sampling

On December 14 and 15, 2020, ATC collected soil samples at the property. A total of thirty-two sections were laid out in a grid-like pattern across the property with soil samples collected from each section. ATC collected thirty-two discrete soil samples at the center of each section, identified as samples 1-D through 32-D. ATC then stepped out a radial distance of approximately 50 feet and collected four additional soil samples from the section that were composited at a 4:1 ratio. The composited soil samples were identified as samples 1-C through 32-C.

Samples were collected using hand tools and contained in clean laboratory supplied containers appropriate for the requested analyses. Once retrieved, soil samples were labeled, placed in a cooler with ice, and chilled to approximately 4° C pending transport to the analytical laboratory. Each location was then loosely backfilled with surrounding soil and spoils. No investigation derived waste (IDW) was generated during the activities.

Sample locations are shown on **Figure 2**. The field notes are included in **Attachment 1**.

Laboratory Analysis

The collected soil samples were submitted to Pace Analytical of Mount Juliet, Tennessee, a California state-certified laboratory under standard chain-of-custody protocol.

The composited soil samples were analyzed for total petroleum hydrocarbons by Environmental Protection Agency (EPA) Method 8015M, CAM 17 metals by EPA methods 6010B and 7471A, organochlorine pesticides by EPA Method 8081A, organophosphorus pesticides by EPA method 8141A, chlorinated herbicides by EPA Method 8151A, and asbestos by OSHA ID-191. The discrete soil samples were analyzed for gasoline range organics (GRO) by EPA Method 8015M, semi-volatile organic compounds (SVOCs) by EPA method 8270, and volatile organic compounds (VOCs) by EPA Method 8260.

For composited soil samples 23-C, 24-C, and 25-C, the chain of custody was inadvertently not checked for organochlorine pesticides and these three samples were not analyzed for organochlorine pesticides. The omission is not deemed to have a significant impact on the assessment.

Copies of the laboratory reports are included in **Attachment 2**.

LABORATORY ANALYTICAL RESULTS

Provided below is a summary of the reported laboratory analytical results of the thirty-two composited and discrete soil samples collected during the investigation.

Organochlorine Pesticides

- Chlordane was detected above the reporting limits in two of the composited soil samples at concentrations of 0.347 milligrams/kilogram (mg/kg) and 0.628 mg/kg.
- Heptachlor was detected above the reporting limits in one composited soil sample at a concentration of 0.0263 mg/kg.
- Heptachlor epoxide was detected above the reporting limits in one of the composited soil samples at a concentration of 0.0258 mg/kg.
- 4,4'-DDD was detected above the reporting limits in three of the composited soil samples at concentrations ranging from 0.0288 mg/kg to 0.0559 mg/kg.
- 4,4'-DDE was detected above the reporting limits in eleven composited soil samples at concentrations ranging from 0.0437 mg/kg to 0.837 mg/kg.
- 4,4'-DDT was detected above the reporting limits in seven of the composited soil samples in concentrations ranging from 0.035 mg/kg to 0.957 mg/kg.
- Dieldrin was detected above the reporting limits in five of the composited soil samples in concentrations ranging from 0.0059 mg/kg and 0.109 mg/kg.
- No other organochlorine pesticides were detected above the respective reporting limits in the composited samples.

Organo-Phosphorous Pesticides

- No organo-phosphorus pesticides were detected above the respective reporting limits in the thirty-two composited samples.

Chlorinated Herbicides

- No chlorinated herbicides were detected above the respective reporting limits in the thirty-two composited samples.

TPH

- Total petroleum hydrocarbons as gasoline (C5-C12) were not detected above the respective reporting limits in any of the discrete soil samples.
- Hydrocarbons (C12-C22) were detected above the respective reporting limits in fourteen composited soil samples at concentrations ranging from 4.90 mg/kg to 76.60 mg/kg.
- Hydrocarbons (C22-C32) were detected above the respective reporting limits in thirty composited soil samples at concentrations ranging from 5.18 mg/kg to 457 mg/kg.

- Hydrocarbons (C32-C40) were detected above the respective reporting limits in thirty composited soil samples at concentrations ranging from 5.32 mg/kg to 360 mg/kg.

Asbestos

- Asbestos was not detected at any percentage in the thirty-two composited samples.

CAM-17 Metals

- Arsenic was detected above the respective reporting limits in all thirty-two composited soil samples at concentrations ranging from 2.56 mg/kg to 15 mg/kg.
- Lead was detected above the respective reporting limits in all thirty-two composited soil samples at concentrations ranging from 3.65 mg/kg to 24 mg/kg.
- Nickel was detected above the respective reporting limits in all thirty-two composited soil samples at concentrations ranging from 9.47 mg/kg to 132 mg/ kg.
- Vanadium was detected above the respective reporting limits in all thirty-two composited soil samples at concentrations ranging from 25.1 mg/kg to 107 mg/ kg.
- Other heavy metals were detected above the respective reporting limits in one or more composited soil samples however concentrations were below screening levels as described in the following section.

VOCs

- No VOCs were detected above the respective reporting limits in the thirty-two discrete samples.

SVOCs

- Benzo(a)anthracene was detected above the reporting limit in discrete soil sample 30-D at a concentration of 1.69 mg/kg.
- Benzo(b)flouranthene was detected above the reporting limit in discrete soil sample 30-D at a concentration of 2.37 mg/kg.
- Benzo(a)pyrene was detected above the reporting limit in discrete soil sample 30-D at a concentration of 1.94 mg/kg.
- Dibenzo(a,h)anthracene was detected above the reporting limit in discrete soil sample 30-D at a concentration of 0.24 mg/kg.
- Fluoranthene was detected above the reporting limit in discrete soil samples 26-D and 30-D at concentrations of 0.0469 mg/kg and 4.2 mg/kg, respectively.
- Indeno(1,2,3-cd)pyrene was detected above the reporting limits in discrete soil sample 30-D at a concentration of 1.08 mg/kg.
- Other SVOCs were detected above the respective screening levels in discrete soil sample 30-D however concentrations were below screening levels as described in the following section.

Laboratory analytical data for detected constituents are summarized in **Tables 1, 2,** and **3**. Laboratory analytical reports are provided in **Attachment 2**.

COMPARISON TO APPLICABLE SCREENING LEVELS

For the purpose of this investigation, ATC compared laboratory analytical data to the following applicable health-based screening levels.

Health-Based Screening Levels

- San Francisco Bay- Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESL), July 2019 (Rev. 2), Table S-1, Direct Exposure Human Health Risk Levels; Residential and Commercial, Shallow Soil Exposure.

The respective ESLs for detected constituents are presented on **Tables 1, 2,** and **3**. A summary comparison of the laboratory analytical results to the applicable health-based screening levels is provided below:

- Organochloride pesticides – Several of the composited samples with detected organochloride pesticides had concentrations of chlordane, heptachlor epoxide, 4,4'-DDE, 4,4'-DDT, and dieldrin that exceeded the Tier 1 ESL however the concentrations were below the human health based ESL for commercial use. Heptachlor and 4,4'-DDD were reported at concentrations below the Tier 1 ESL in all composited samples.
- Arsenic - All of the composited samples with detected arsenic had concentrations that exceeded both the Tier 1 ESL and the human health based Commercial ESL.
- Nickel – six out of thirty-two composite samples with detected nickel had concentrations that exceeded the Tier 1 ESL however, the concentrations were below the human health based ESL for commercial use.
- Vanadium - All of the composited samples with detected vanadium had concentrations that exceeded the Tier 1 ESL however, the concentrations were below the human health based ESL for commercial use.
- SVOCs – One out of thirty-two of the composited samples with detected SVOCs had concentrations that exceeded the Tier 1 ESL however, the concentrations were below the human health based ESL for commercial use.
- All other constituents analyzed for in the composited and discrete samples were either not detected above the respective laboratory reporting limits or were reported at concentrations below the respective Tier 1 ESL.

The fill soil characterization activities performed by ATC included collecting thirty-two discrete soil samples and thirty-two soil samples composited at a 4:1 ratio. Samples were analyzed for the presence of VOCs, SVOCs, TPH, PCBs, CAM-17 metal, asbestos, organochlorine pesticides, organo-phosphorus pesticides, and chlorinated herbicides.

Certain constituents, including organochlorine pesticides (chlordane, dieldrin, and DDT/DDE) were detected in a small number of samples at concentrations in excess of the SFBRWQCB Tier 1 ESLs. The presence of these constituents is consistent with historical agricultural land uses that likely occurred at the property or properties that were the source of fill material. The Tier 1 ESL values for these constituents are based on protection of ecological receptors. As such, it is preferred that this soil not be used or placed in sensitive areas such as creeks or sloped areas that drain to creeks and wetlands, but would otherwise be suitable for use as general fill, particularly when placed beneath pavement or flatwork.

Metals were detected in soil at concentrations that are generally consistent with background levels for these naturally-occurring elements. Arsenic, nickel, and vanadium were detected in soil at concentrations in excess of Tier 1 ESL values. However, nickel and vanadium concentrations are below commercial ESLs. Therefore, the presence of these constituents does not represent a threat to human health under a commercial land use scenario. Arsenic occurs naturally in California soils at concentrations in excess of Tier 1 and health-based Commercial ESLs. While a site-specific background concentration of arsenic for the project area has not been established, the SFBRWQCB accepted background concentration for arsenic in Bay Area soil is approximately 11 mg/kg. Three soil samples (9-C, 20-C, and 21-C) contained arsenic concentrations slightly higher than this background level, with concentrations ranging from 11.8 mg/kg (20-C) to 15.0 mg/kg (21-C). Given that the average arsenic concentration is approximately 6.1 mg/kg, it is ATC's opinion that the above-referenced samples do not warrant segregation or removal under a commercial land use scenario.

SVOCs were detected at concentrations in excess of Tier 1 ESLs, but below health-based Commercial ESLs in soil sample 30-D. As such, the SVOCs do not represent a potential risk to human health under a commercial land use scenario. It is ATC's opinion that the soil would be suitable for use under such a land use designation.

Based on the sample results, ATC concludes that the soil that was transported to the site as early as 2013 to present and used as fill material emplaced at the property is suitable for reuse at a site classified for industrial/commercial use. However, the soil should not be used for unrestricted purposes such as residential land us. If the soil is transported for offsite disposal it would not be classified as hazardous waste or otherwise regulated material but further testing may be required.

This report is for the use and benefit of, and may be relied upon by Four Stones Real Estate, LLC, American Realty Advisors, Carpenters Pension Trust Fund for Northern California, CPTFNC Funding, CA/FSRE Watsonville Industrial, LLC, and their respective successors and assigns. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in this report, and with the acknowledgment that actual site conditions may change with time, and that hidden conditions may exist at the property that were not discovered within the authorized scope of the assessment. Any use by or distribution of this report to third parties, without the express written consent of ATC, is at the sole risk and expense of such third party. ATC makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied. Unless otherwise agreed upon in writing by ATC and a third party, ATC's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a total maximum amount of $100,000.

RECOMMENDATIONS

No further action is recommended with regard to the imported fill soil investigated during this limited soil sampling. Contamination in the imported fill is below commercial screening levels and the results of the samples collected do not warrant the segregation or removal or any further environmental mitigation/monitoring of the imported fill soils for purposes of the development of commercial uses.

If you have any questions regarding this letter report, please contact our office at (209) 579-2221.

Sincerely,
ATC Group Services LLC

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Attachments

Table 1:	Summary of Soil Analytical Results – Pesticides, PCBs, Herbicides, Hydrocarbons & Asbestos
Table 2:	Summary of Analytical Results – TTLC Metals
Table 3:	Summary of Analytical Results – Volatile Organic Compounds and Semi Volatile Organic Compounds
Figure 1:	Site Vicinity Map
Figure 2:	Site Plan
Attachment 1:	Field Notes
Attachment 2:	Laboratory Analytical Reports

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS - PESTICIDES, PCBs, HERBICIDES, HYDROCARBONS AND ASBESTOS
Ohlone Parkway and Manabe OW Road, Watsonville, California

Sample ID	Date Sampled	Organochlorine Pesticides*							PCBs	Organo-Phosphorous Pesticide	Chlorinated Herbicides	Hydrocarbons (C12-C22)	Hydrocarbons (C22-C32)	Hydrocarbons (C32-C40)	Asbestos
		Chlordane	Heptachlor	Heptachlor Epoxide	4,4-DDD	4,4-DDE	4,4-DDT	Dieldrin							
1-C	12/14/20	ND	ND	ND	<0.0237	**0.837**	**0.957**	**0.109**	NA	ND	ND	6.87	18.6	18.0	ND
2-C	12/14/20	ND	ND	ND	0.0465	0.220	**0.291**	**0.0295**	NA	ND	ND	<4.41	13.3	15.1	ND
3-C	12/14/20	ND	ND	ND	<0.0230	0.054	**0.0764**	<0.0230	NA	ND	ND	<23	85.6	104	ND
4-C	12/14/20	**0.347**	ND	ND	<0.0221	<0.0221	<0.0221	<0.0221	NA	ND	ND	<4.42	5.18	7.60	ND
5-C	12/14/20	ND	ND	ND	<0.0229	0.0437	**0.0350**	<0.0229	NA	ND	ND	6.35	32.9	34.5	ND
6-C	12/14/20	ND	ND	ND	<0.0254	<0.0254	<0.0254	<0.0254	NA	ND	ND	<5.08	<5.08	5.32	ND
7-C	12/14/20	ND	ND	ND	<0.0229	<0.0229	<0.0229	<0.0229	NA	ND	ND	<4.58	9.29	19.1	ND
8-C	12/14/20	ND	ND	ND	<0.0222	<0.0222	<0.0222	<0.0222	NA	ND	ND	<4.45	7.16	7.86	ND
9-C	12/14/20	ND	ND	ND	<0.0247	0.0992	**0.0376**	**0.00590**	NA	ND	ND	8.77	29.8	34.6	ND
10-C	12/14/20	ND	ND	ND	0.0559	0.197	**0.118**	**0.0249**	NA	ND	ND	<24.4	134	110	ND
11-C	12/14/20	ND	ND	ND	<0.0240	<0.0240	<0.0240	<0.0240	NA	ND	ND	7.59	52.5	44.3	ND
12-C	12/14/20	ND	ND	ND	<0.0217	<0.0217	<0.0217	<0.0217	NA	ND	ND	<21.7	199	151	ND
13-C	12/15/20	ND	ND	ND	<0.0221	<0.0221	<0.0221	<0.0221	NA	ND	ND	<44.3	53.5	<44.3	ND
14-C	12/15/20	ND	ND	ND	<0.0219	<0.0219	<0.0219	<0.0219	NA	ND	ND	<87.7	457	360	ND
15-C	12/15/20	ND	ND	ND	<0.0219	<0.0219	<0.0219	<0.0219	NA	ND	ND	<21.9	130	116	ND
16-C	12/15/20	ND	ND	ND	<0.0225	0.133	<0.0225	<0.0225	NA	ND	ND	<9.01	36.7	30.6	ND
17-C	12/15/20	**0.628**	ND	ND	0.0288	0.103	<0.0225	**0.0322**	NA	ND	ND	76.6	439	203	ND
18-C	12/15/20	ND	ND	ND	<0.0239	0.0773	<0.0239	<0.0239	NA	ND	ND	60.6	148	116	ND
19-C	12/15/20	ND	ND	ND	<0.0234	0.0735	<0.0234	<0.0234	NA	ND	ND	<4.68	14.0	6.85	ND
20-C	12/15/20	ND	ND	ND	<0.0230	<0.0230	<0.0230	<0.0230	NA	ND	ND	7.51	60.0	48.4	ND
21-C	12/15/20	ND	ND	ND	<0.0229	<0.0229	<0.0229	<0.0229	NA	ND	ND	<4.58	16.3	15.0	ND
22-C	12/15/20	ND	ND	ND	<0.0289	<0.0289	<0.0289	<0.0289	NA	ND	ND	<5.79	<5.79	<5.79	ND
23-C	12/15/20	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	<46.2	135	122	ND
24-C	12/15/20	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	<45.2	116	86.2	ND
25-C	12/15/20	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	4.90	14.2	10.4	ND
26-C	12/15/20	ND	ND	ND	<0.0238	<0.0238	<0.0238	<0.0238	NA	ND	ND	9.42	50.9	35.7	ND
27-C	12/15/20	ND	ND	ND	<0.0227	0.0652	**0.0606**	<0.0227	NA	ND	ND	5.54	18.3	17.5	ND
28-C	12/15/20	ND	ND	ND	<0.0225	<0.0225	<0.0225	<0.0225	NA	ND	ND	<4.51	8.37	9.30	ND
29-C	12/15/20	ND	0.0263	**0.0258**	<0.0245	<0.0245	<0.0245	<0.0245	NA	ND	ND	10.3	62.7	43.9	ND
30-C	12/15/20	ND	ND	ND	<0.0244	<0.0244	<0.0244	<0.0244	NA	ND	ND	11.4	61.4	42.7	ND
31-C	12/15/20	ND	ND	ND	<0.0239	<0.0239	<0.0239	<0.0239	NA	ND	ND	10.5	69.5	62.8	ND
32-C	12/15/20	ND	ND	ND	<0.0232	<0.0232	<0.0232	<0.0232	NA	ND	ND	5.19	41.7	45.0	ND
SFBRWQCB Tier I ESL [1]		*0.0085*	*0.12*	*0.00018*	*2.7*	*0.33*	*0.0011*	*0.00046*	*0.23*	--	--	*260*	*1,600*	*1,600*	--
SFBRWQCB Commercial ESL [2]		*2.2*	*0.53*	*0.28*	*12*	*8.3*	*8.5*	*0.16*	*0.94*	--	--	*1,200*	*180,000*	*180,000*	--

NOTES:

All data reported in miligrams per kilogram (mg/kg) except Asbestos.

Organochlorine Pesticides analyzed by EPA Method 8081A.

Polychlorinated Biphenols (PCBs) analyzed by EPA Method 8082

Organo-Phosphorous Pesticides analyzed by EPA Method 8141A

Chlorinated Herbicides analyzed by EPA Method 8151A

Total Petroleum Hydrocarbons (TPH) analyzed by EPA Method 8015CC. See laboratory report for breakdown of carbon chains.

* Only detected constituents are reported. See laboratory report for full list of constituents analysed.

NA denotes not analyzed.

< denotes not detected at or above the stated method detection limit.

ND denotes not detected at or above method detection limits. See laboratory report for individual detection limit.

C denotes composited sample.

ESL - Environmental Screening Level, San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), July, 2019 (Rev 2).

[1] - Tier 1 ESLs for soil reflect the lower of values that are protective of human health under a residential land use scenario, ecological terrestrial habitats, and leaching to groundwater and surface water. These values are intended to be protective of human health, potential ecological exposures, groundwater, and surface water resources under any land use scenario.

[2] - Commercial soil ESLs are human health-based screening levels for Commercial Land Use. These values are intended to be protective of potential human exposures to shallow soil under a commercial land use scenario and do not consider potential ecological exposures, leaching to groundwater, or migration to surface water.

xxx Represents a detected concentration in excess of the Tier 1 ESL, but equal to or less than the chemical-specific Commercial Health-Based ESL

xxx Represents a detected concentration in excess of the Tier 1 ESL and Commercial Health-Based ESL

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS - TTLC METALS
Ohlone Parkway and Manabe OW Road, Watsonville, California

Sample ID	Date Sampled	TOTAL CONCENTRATIONS (TTLC)																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
1-C	12/14/20	<2.37	**7.03**	290	0.883	<0.591	77.7	16.1	39.5	15.2	0.117	<0.591	76.0	<2.37	<1.18	<2.37	**86.2**	108
2-C	12/14/20	<2.20	**4.09**	143	0.528	<0.551	27.8	5.69	12.2	12.0	<0.0441	0.574	16.8	<2.20	<1.10	<2.20	**43.6**	50.1
3-C	12/14/20	<2.30	**5.46**	133	0.544	<0.574	29.9	6.15	15.8	10.6	<0.0459	0.765	21.3	<2.30	<1.15	<2.30	**45.9**	51.5
4-C	12/14/20	<2.21	**4.08**	101	0.540	<0.553	22.7	4.61	10.2	6.89	<0.0442	0.874	10.3	<2.21	<1.11	<2.21	**38.3**	40.3
5-C	12/14/20	<2.29	**4.27**	134	0.461	<0.572	27.0	6.82	12.3	18.0	0.0540	<0.572	17.4	<2.29	<1.14	<2.29	**42.2**	54.3
6-C	12/14/20	<2.54	**4.26**	149	0.610	<0.635	27.3	3.92	9.14	6.93	<0.0508	1.01	11.4	<2.54	<1.27	<2.54	**44.0**	42.9
7-C	12/14/20	<2.29	**3.58**	144	0.549	<0.573	42.5	9.09	12.2	4.23	<0.0458	<0.573	33.1	<2.29	<1.15	<2.29	**63.5**	39.2
8-C	12/14/20	<2.22	**3.00**	126	0.476	<0.556	36.1	21.4	13.0	4.54	<0.0445	<0.556	29.0	<2.22	<1.11	<2.22	**59.4**	35.7
9-C	12/14/20	<2.47	**12.5**	327	0.816	<0.619	94.7	22.1	42.8	13.0	0.0992	<0.619	**132**	<2.47	<1.24	<2.47	**82.8**	107
10-C	12/14/20	<2.44	**7.23**	215	0.660	<0.611	76.5	17.9	36.4	12.1	0.0828	<0.611	**94.7**	<2.44	<1.22	<2.44	**70.3**	80.7
11-C	12/14/20	<2.40	**2.56**	67.4	<0.240	<0.600	13.2	3.85	5.72	5.18	<0.0480	<0.600	9.47	<2.40	<1.20	<2.40	**25.1**	38.2
12-C	12/14/20	<2.17	**5.25**	118	0.379	0.678	31.1	8.22	22.3	24.0	<0.0435	0.593	33.3	<2.17	<1.09	<2.17	**44.4**	58.6
13-C	12/15/20	<2.21	**3.34**	110	0.245	<0.554	31.8	8.18	17.8	12.5	0.0637	<0.554	33.7	<2.21	<1.11	<2.21	**48.5**	47.9
14-C	12/15/20	<2.19	**4.51**	101	0.312	<0.548	20.6	6.24	13.3	15.4	<0.0439	<0.548	15.7	<2.19	<1.10	<2.19	**36.8**	48.5
15-C	12/15/20	<2.19	**3.00**	104	0.348	<0.546	27.6	7.74	18.9	13.4	<0.0437	<0.546	27.4	<2.19	<1.09	<2.19	**41.1**	47.2
16-C	12/15/20	<2.25	**3.43**	153	0.431	<0.563	45.6	12.2	20.0	13.2	<0.0450	<0.563	52.8	<2.25	<1.13	<2.25	**51.3**	53.0
17-C	12/15/20	<2.25	**3.82**	145	0.414	<0.562	43.9	9.79	22.4	10.4	<0.0449	<0.562	46.3	<2.25	<1.12	<2.25	**48.2**	54.5
18-C	12/15/20	<2.39	**7.85**	206	0.587	1.23	55.9	13.4	28.5	13.9	0.0667	1.74	59.1	<2.39	<1.20	<2.39	**71.7**	85.1
19-C	12/15/20	<2.34	**4.47**	166	0.501	<0.584	68.0	13.6	26.3	8.16	0.0761	<0.584	**92.7**	<2.34	<1.17	<2.34	**57.9**	55.1
20-C	12/15/20	<2.30	**11.8**	87.3	0.607	<0.574	38.3	11.4	14.2	6.31	<0.0460	2.05	17.9	<2.30	<1.15	<2.30	**55.2**	51.8
21-C	12/15/20	<2.29	**15.0**	64.9	1.15	<0.573	46.4	18.4	17.6	7.32	<0.0458	1.17	20.6	<2.29	<1.15	<2.29	**107**	94.8
22-C	12/15/20	<2.89	**8.39**	100	0.628	<0.723	58.7	11.7	18.5	5.45	<0.0579	0.773	49.2	<2.89	<1.45	<2.89	**63.2**	59.5
23-C	12/15/20	<2.31	**6.20**	89.9	0.358	<0.577	34.1	4.69	13.4	3.65	<0.0462	2.23	17.8	<2.31	<1.15	<2.31	**39.6**	44.4
24-C	12/15/20	<2.26	**8.52**	134	0.567	<0.565	56.0	9.52	27.3	8.93	<0.0452	2.49	39.3	<2.26	<1.13	<2.26	**62.0**	65.5
25-C	12/15/20	<2.29	**5.48**	171	0.586	<0.574	99.4	15.7	33.1	6.73	<0.0459	4.05	**127**	<2.29	<1.15	<2.29	**65.1**	68.3
26-C	12/15/20	<2.38	**7.38**	113	0.479	<0.595	47.3	7.57	21.1	8.75	<0.0476	1.97	34.9	<2.38	<1.19	<2.38	**47.9**	64.7
27-C	12/15/20	<2.27	**6.39**	206	0.616	<0.567	76.9	14.6	29.6	8.32	0.574	<0.567	**94.6**	<2.27	<1.13	<2.27	**64.5**	71.9
28-C	12/15/20	<2.25	**4.03**	358	0.485	<0.563	79.0	11.0	22.9	5.30	0.537	<0.563	**113**	<2.25	<1.13	<2.25	**57.5**	52.6
29-C	12/15/20	<2.45	**10.8**	104	0.476	<0.612	45.6	6.30	19.8	6.13	<0.0490	1.75	30.7	<2.45	<1.22	<2.45	**44.6**	59.0
30-C	12/15/20	<2.44	**6.41**	89.1	0.480	<0.610	41.3	4.27	15.9	4.57	<0.0488	2.79	17.5	<2.44	<1.22	<2.44	**40.6**	45.5
31-C	12/15/20	<2.39	**6.87**	113	0.477	<0.597	40.8	5.66	17.7	14.3	<0.0477	2.04	25.4	<2.39	<1.19	<2.39	**44.3**	52.8
32-C	12/15/20	<2.32	**3.90**	188	0.474	<0.579	66.8	12.6	25.1	5.16	0.0563	<0.579	84.0	<2.32	<1.16	<2.32	**57.3**	50.3
SFBRWQCB Tier I ESL [1]		*11*	*0.067*	*390*	*5.0*	*1.9*	*160*	*23*	*180*	*32*	*13*	*6.9*	*86*	*2.4*	*25*	*0.78*	*18*	*340*
SFBRWQCB Commercial ESL [2]		*160*	*0.31*	*220,000*	*230*	*1,100*	*1,800,000*	*350*	*47,000*	*320*	*190*	*5,800*	*11,000*	*5,800*	*5,800*	*12*	*5,800*	*350,000*

NOTES:

All data reported in miligrams per kilogram (mg/kg)

Total Metals analyzed by EPA Method 6010B.

< denotes not detected at or above the stated method detection limit.

C denotes composited sample.

ESL - Environmental Screening Level, San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), July, 2019 (Rev 2).

[1] - Tier 1 ESLs for soil reflect the lower of values that are protective of human health under a residential land use scenario, ecological terrestrial habitats, and leaching to groundwater and surface water. These values are intended to be protective of human health, potential ecological exposures, groundwater, and surface water resources under any land use scenario.

[2] - Commercial soil ESLs are human health-based screening levels for Commercial Land Use. These values are intended to be protective of potential human exposures to shallow soil under a commercial land use scenario and do not consider potential ecological exposures, leaching to groundwater, or migration to surface water.

Arsenic occurs naturally in California soils at concentrations in excess of the Tier 1 ESA and health-based Commercial ESLs. Therefore, soil data are typically compared to background concentrations for naturally-occuring elements. Bacgkround concentrations of arsenic in the Bay Area generally range up to approximately 11 mg/kg (Duverge, D.J., Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region, Master's Thesis, December 2011).
https://www.waterboards.ca.gov/sanfranciscobay/water_issues/available_documents/2011_Arsenic_Background_Duverge.pdf

xxx Represents a detected concentration in excess of the Tier 1 ESL, but equal to or less than the chemical-specific Commercial Health-Based ESL or anticipated background concentration for this naturally-occurring element

xxx Represents a detected concentration in excess of the Tier 1 ESL, Commercial Health-Based ESL, AND anticipated background concentration for this naturally-occurring element

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS AND SEMI-VOLATILE ORGANIC COMPOUNDS
Ohlone Parkway and Manabe OW Road, Watsonville, California

Sample ID	Date Sampled	TPHg (C5-C12)	Volatile Organic Compounds*	Semi-Volatile Organic Compounds*												
				Anthracene	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(k)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(a)Pyrene	Chrysene	Dibenz(a,h)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyrene	Phenanthrene	Pyrene
1-D	12/14/20	<3.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-D	12/14/20	<3.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-D	12/14/20	<3.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-D	12/14/20	<3.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5-D	12/14/20	<3.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-D	12/14/20	<3.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7-D	12/14/20	<3.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8-D	12/14/20	<3.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9-D	12/14/20	<3.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10-D	12/14/20	<3.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-D	12/14/20	<2.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12-D	12/14/20	<2.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13-D	12/15/20	<3.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14-D	12/15/20	<2.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15-D	12/15/20	<3.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16-D	12/15/20	<3.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17-D	12/15/20	<3.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18-D	12/15/20	<3.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19-D	12/15/20	<3.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20-D	12/15/20	<4.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21-D	12/15/20	<3.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22-D	12/15/20	<3.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23-D	12/15/20	<3.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24-D	12/15/20	<4.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25-D	12/15/20	<3.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26-D	12/15/20	<3.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0469	ND	ND	ND	0.0446
27-D	12/15/20	<3.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28-D	12/15/20	<3.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29-D	12/15/20	<4.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30-D	12/15/20	<3.63	ND	0.438	**1.69**	**2.37**	0.772	0.973	**1.94**	1.98	**0.240**	**4.20**	0.0552	**1.08**	2.05	4.02
31-D	12/15/20	<3.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32-D	12/15/20	<3.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SFBRWQCB Tier I ESL [1]		*100*	*--*	*1.9*	*0.63*	*1.1*	*2.8*	*2.5*	*0.11*	*2.2*	*0.11*	*0.69*	*6.0*	*0.48*	*7.8*	*45*
SFBRWQCB Commercial ESL [2]		*2,000*	*--*	*230,000*	*20*	*21*	*210*	*--*	*2.1*	*2,100*	*2.1*	*30,000*	*30,000*	*21*	*--*	*23,000*

NOTES:

All data reported in miligrams per kilogram (mg/kg)

Volatile Organic Compounds analyzed by EPA Method 8260B

Semi-Volatile Organic Compounds analyzed by EPA Method 8270C

* Only detected constituents are reported. See laboratory report for full list of constituents analyzed.

D denotes discrete sample.

< denotes not detected at or above the stated method detection limit.

ND denotes not detected at or above method detection limits. See laboratory report for individual detection limit.

NE denotes none established.

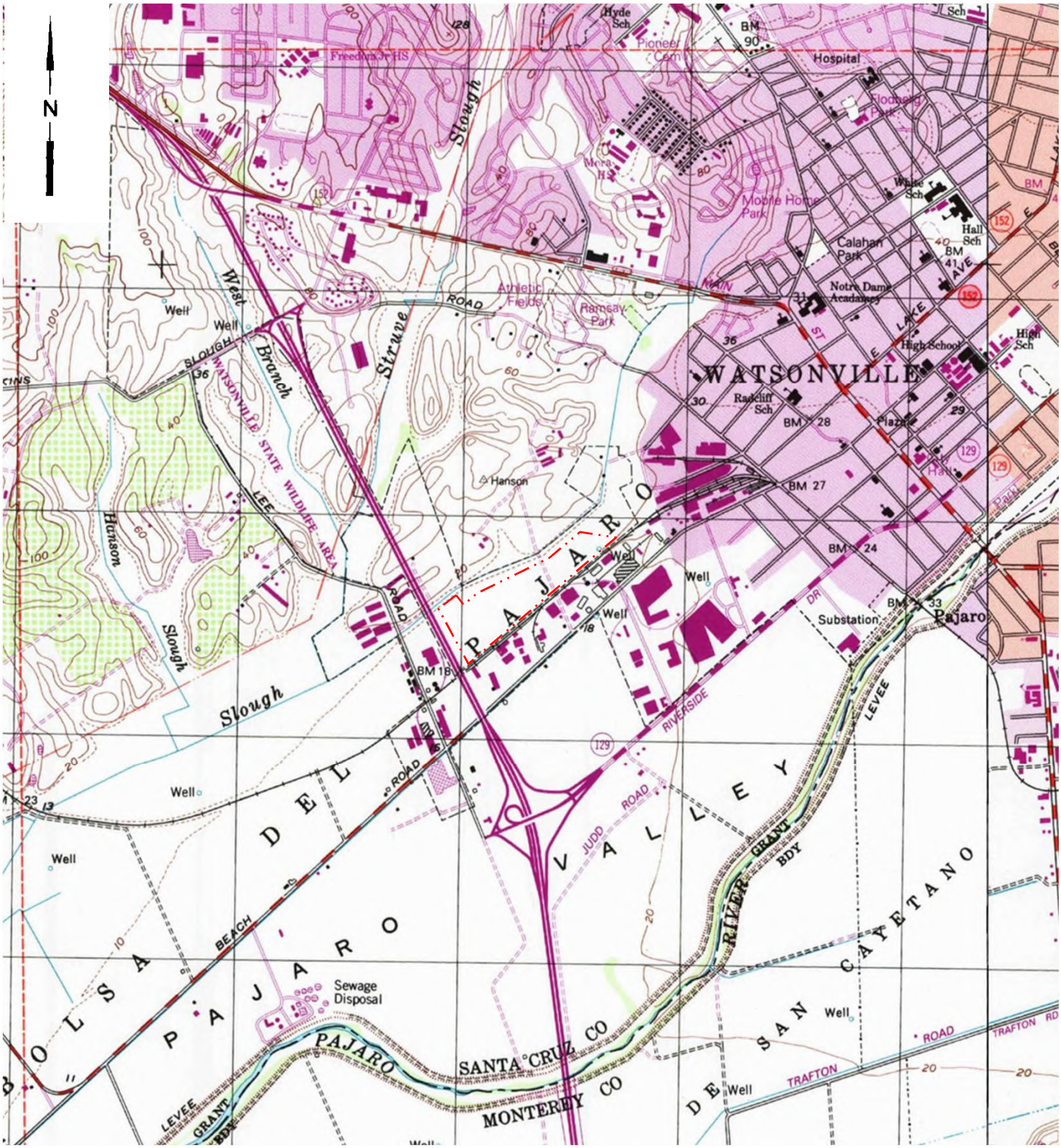
ESL - Environmental Screening Level, San Francisco Bay Regional Water Quality Control Board (SFBRWQCBC), July, 2019 (Rev 2).

[1] - Tier 1 ESLs for soil reflect the lower of values that are protective of human health under a residential land use scenario, ecological terrestrial habitats, and leaching to groundwater and surface water. These values are intended to be protective of human health, potential ecological exposures, groundwater, and surface water resources under any land use scenario.

[2] - Commercial soil ESLs are human health-based screening levels for Commercial Land Use. These values are intended to be protective of potential human exposures to shallow soil under a commercial land use scenario and do not consider potential ecological exposures, leaching to groundwater, or migration to surface water.

xxx Represents a detected concentration in excess of the Tier 1 ESL, but equal to or less than the chemical-specific Commercial Health-Based ESL

xxx Represents a detected concentration in excess of the Tier 1 ESL AND Commercial Health-Based ESL



LEGEND

= Approximate Property Boundary

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP
WATSONVILLE WEST QUADRANGLE, CALIFORNIA, DATED 1995.

ATC

1117 Lone Palm Ave, Ste 201
Modesto, CA 95351
(209) 579-2221

PROJECT NO: NPFSRE2001		
DESIGNED BY: JS	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: JH	DATE: 01/21	FILE: VICINITY

FIGURE 1

SITE VICINITY MAP

PHASE II LIMITED SITE ASSESSMENT

UNDEVELOPED PROPERTY
OHLONE PARKWAY AND MANABE OW ROAD
WATSONVILLE, CALIFORNIA 95076



LEGEND

= Approximate Property Boundary

= Approximate Fill Pile Boundaries

29 = Soil Sample ID and Location

SOURCE: GOOGLE EARTH

1117 Lone Palm Ave, Ste 201
Modesto, CA 95351
(209) 579-2221

PROJECT NO: NPFSRE2001

DESIGNED BY: JS	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: JH	DATE: 01/21	FILE: VICINITY

FIGURE 2

SITE PLAN

LIMITED PHASE II SITE ASSESSMENT

UNDEVELOPED PROPERTY
OHLONE PARKWAY AND MANABE OW ROAD
WATSONVILLE, CALIFORNIA 95076

ATTACHMENT 1

ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

Field Report

FLD-100
Revision 2.0
Feb-16

ATC Branch: Modesto, CA	Date: Dec 17, 2020	Page of
ATC Representative(s): JK, AF	Project: Watsonville Soil	
Role:Technician	Location: Ohlone Parkway, Watsonville, CA	
Contact Information:	Project No:	Task No: 06054
Scope of Work:	Weather: clear	Temperature: 50s
___ Monitoring X Assessment ___ Remediation ___ Closure	Contractor: —	

Time:	Comments:
0910	ATC (JK) onsite, check in w/others 0920 AF onsite
	tailgate, preliminary site walk
	lay out sampling grid on east side of Ohlone (locations 1-10)
1130	begin sampling w/AF
	break to deliver AF truck to services/lunch
	continue sampling east side w/AF
1510	complete east side sampling; composite samples mixed and jarred.
1605	lay out sample grid for west side locations 11-16
	AF samples 11 & 12, composites
1700 ~	sunsets
	clean up, ATC offsite
	pick up AF truck
	pick up additional sample jars @ Trust (county jars)

Equipment Used:

Contractor Hours (per Person):	Staff / Technician Hours:	Mileage:
Copies To:	Project Manager:	
	Reviewed By:	

ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

Field Report

FLD-100
Revision 2.0
Feb-16

ATC Branch: Modesto, CA	Date: Dec 15, 2020	Page 1 of
ATC Representative(s): JK, AF	Project: Watsonville Soil	
Role:Technician	Location: Ohlone Parkway, Watsonville, CA	
Contact Information:	Project No:	Task No: 06054
Scope of Work:	Weather: clear to pt. cloudy	Temperature: 50s
___ Monitoring X Assessment ___ Remediation ___ Closure	Contractor: —	

Time:	Comments:
0730	ATC onsite
	Tailgate
	AF begins sampling at previously plotted points on west prop (13-16)
	lay out remainder of west side sampling grid, and finish Phase I pics & walk
	begin sampling at far west end (29-32, then 27-28, then 23 & 26)
	while AF completes (17-22 & 24-25) center
1530	contact lab about drop off; exclude next day hand off best option
	finish compositing & packing samples
1620	check in w/ATC office, leave site
	~
	Dec 16, 2020
0830	meet Pace courier in Livermore, hand-off samples

Equipment Used:

Contractor Hours (per Person):	Staff / Technician Hours:	Mileage:
Copies To:	Project Manager:	
	Reviewed By:	

ATTACHMENT 2

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

January 04, 2021

ATC - Modesto, CA

Sample Delivery Group:	L1298078
Samples Received:	12/17/2020
Project Number:	
Description:	P. Watsonville

Report To:

Jeanne Homsey
1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Entire Report Reviewed By:

Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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1C L1298078-01 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:32 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 01:57	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 11:36	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 21:28	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 20:02	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 04:48	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1596746	1	12/23/20 18:16	12/24/20 05:19	AMM	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1596746	2	12/23/20 18:16	12/24/20 09:15	AMM	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1596746	5	12/23/20 18:16	12/24/20 10:55	AMM	Mt. Juliet, TN

1D L1298078-02 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:20 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596277	25	12/14/20 11:20	12/24/20 04:25	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1594964	1	12/14/20 11:20	12/20/20 12:00	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1597204	1	12/14/20 11:20	12/28/20 11:59	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 14:26	SHG	Mt. Juliet, TN

2C L1298078-03 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:55 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 01:59	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 11:39	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 21:57	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 20:17	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 05:21	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1596746	1	12/23/20 18:16	12/24/20 05:31	AMM	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1596746	1	12/23/20 18:16	12/24/20 09:21	AMM	Mt. Juliet, TN

2D L1298078-04 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:45 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597145	25	12/14/20 11:45	12/28/20 06:04	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1594964	1	12/14/20 11:45	12/20/20 12:19	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1597204	1	12/14/20 11:45	12/28/20 12:18	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 13:03	SHG	Mt. Juliet, TN

3C L1298078-05 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 13:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:01	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 11:41	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	5	12/19/20 08:45	12/19/20 22:41	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 20:31	MTJ	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

3C L1298078-05 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 13:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 05:54	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1596746	1	12/23/20 18:16	12/24/20 05:44	AMM	Mt. Juliet, TN

3D L1298078-06 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:00 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597145	25	12/14/20 14:00	12/28/20 06:27	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1594964	1	12/14/20 14:00	12/20/20 12:38	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1597204	1	12/14/20 14:00	12/28/20 12:37	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 14:05	SHG	Mt. Juliet, TN

4C L1298078-07 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:22 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:03	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 11:44	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 20:16	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 20:45	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 06:27	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 11:35	AMM	Mt. Juliet, TN

4D L1298078-08 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:22 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597145	30.8	12/14/20 14:22	12/28/20 06:50	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1594964	1.23	12/14/20 14:22	12/20/20 12:57	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1597204	1.23	12/14/20 14:22	12/28/20 12:56	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 11:19	SHG	Mt. Juliet, TN

5C L1298078-09 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:15 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594412	1	12/19/20 06:55	12/19/20 07:11	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595703	1	12/24/20 16:31	12/24/20 22:11	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 11:47	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 22:12	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 22:22	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 07:00	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 11:48	AMM	Mt. Juliet, TN

5D L1298078-10 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:25 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597145	25	12/14/20 14:25	12/28/20 07:14	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1594964	1	12/14/20 14:25	12/20/20 13:17	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1597204	1	12/14/20 14:25	12/28/20 13:15	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 12:21	SHG	Mt. Juliet, TN

6C L1298078-11 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:06 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595703	1	12/24/20 16:31	12/24/20 22:13	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 11:49	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 20:30	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 22:37	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 08:03	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 12:01	AMM	Mt. Juliet, TN

6D L1298078-12 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:06 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597145	26.3	12/14/20 14:06	12/28/20 07:37	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595002	1.05	12/14/20 14:06	12/20/20 17:28	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 12:01	SHG	Mt. Juliet, TN

7C L1298078-13 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:42 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595703	1	12/24/20 16:31	12/24/20 21:41	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 11:52	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 20:45	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 22:51	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 08:36	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 12:15	AMM	Mt. Juliet, TN

7D L1298078-14 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/14/20 14:50	12/24/20 15:12	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595002	1	12/14/20 14:50	12/20/20 17:47	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 11:40	SHG	Mt. Juliet, TN

8C L1298078-15 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:56 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:05	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 12:00	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 20:59	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 23:06	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 09:09	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 12:28	AMM	Mt. Juliet, TN

8D L1298078-16 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:56 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/14/20 11:56	12/24/20 15:33	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/14/20 11:56	12/20/20 11:51	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 13:45	SHG	Mt. Juliet, TN

9C L1298078-17 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:51 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595704	1	12/22/20 08:04	12/22/20 11:41	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 21:05	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	1	12/19/20 08:45	12/19/20 21:14	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 23:20	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 09:42	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 13:08	AMM	Mt. Juliet, TN

9D L1298078-18 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:51 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	27.3	12/14/20 14:51	12/24/20 15:54	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1.09	12/14/20 14:51	12/20/20 12:10	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 15:50	SHG	Mt. Juliet, TN

10C L1298078-19 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 15:08 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594413	1	12/19/20 06:38	12/19/20 06:50	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595704	1	12/22/20 08:04	12/22/20 11:43	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 21:08	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1594304	5	12/19/20 08:45	12/19/20 22:55	JN	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 23:35	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 10:15	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 13:21	TAB	Mt. Juliet, TN

10D L1298078-20 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 15:08 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25.3	12/14/20 15:08	12/24/20 16:15	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1.01	12/14/20 15:08	12/20/20 12:29	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 16:10	SHG	Mt. Juliet, TN

11C L1298078-21 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 16:15 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595704	1	12/22/20 08:04	12/22/20 11:45	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 19:52	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595061	1	12/21/20 08:56	12/21/20 20:57	DMG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/20/20 23:49	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 10:49	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 13:34	TAB	Mt. Juliet, TN

11D L1298078-22 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 16:23 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/14/20 16:23	12/24/20 16:35	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/14/20 16:23	12/20/20 12:48	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	10	12/21/20 06:13	12/22/20 03:29	AO	Mt. Juliet, TN

12C L1298078-23 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 16:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595704	1	12/22/20 08:04	12/22/20 11:47	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 19:54	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595061	5	12/21/20 08:56	12/22/20 06:24	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/21/20 00:04	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 11:22	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 13:47	TAB	Mt. Juliet, TN

12D L1298078-24 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 16:49 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/14/20 16:49	12/24/20 16:56	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/14/20 16:49	12/20/20 13:07	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	10	12/21/20 06:13	12/22/20 03:49	AO	Mt. Juliet, TN

13C L1298078-25 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:00 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:11	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 19:57	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1596047	10	12/22/20 22:57	12/23/20 14:32	TH	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/21/20 00:18	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 11:55	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 14:01	TAB	Mt. Juliet, TN

13D L1298078-26 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:10 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 08:10	12/24/20 17:17	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 08:10	12/20/20 13:26	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/22/20 02:48	AO	Mt. Juliet, TN

14C L1298078-27 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 09:10 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:13	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 19:59	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595061	20	12/21/20 08:56	12/22/20 08:05	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594405	1	12/18/20 21:33	12/21/20 00:33	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 12:28	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 14:14	TAB	Mt. Juliet, TN

14D L1298078-28 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 09:02 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 09:02	12/24/20 17:38	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 09:02	12/20/20 13:45	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	10	12/21/20 06:13	12/22/20 04:09	AO	Mt. Juliet, TN

15C L1298078-29 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594414	1	12/19/20 09:06	12/19/20 09:18	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:15	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 20:02	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595061	5	12/21/20 08:56	12/22/20 00:49	DMG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/23/20 22:25	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 13:01	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 14:27	TAB	Mt. Juliet, TN

15D L1298078-30 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:43 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 08:43	12/24/20 17:59	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 08:43	12/20/20 14:04	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 15:29	SHG	Mt. Juliet, TN

16C L1298078-31 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:30 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:17	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594434	1	12/18/20 17:15	12/21/20 20:05	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595061	2	12/21/20 08:56	12/22/20 10:45	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/23/20 22:40	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 13:34	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 14:40	TAB	Mt. Juliet, TN

16D L1298078-32 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:22 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 08:22	12/24/20 18:20	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 08:22	12/20/20 14:23	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 16:31	SHG	Mt. Juliet, TN

17C L1298078-33 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:05 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:18	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 12:03	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1596047	10	12/22/20 22:57	12/23/20 14:47	TH	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/23/20 22:54	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594288	1	12/21/20 06:11	12/23/20 14:08	HMH	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 14:54	TAB	Mt. Juliet, TN

17D L1298078-34 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:15 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 10:15	12/24/20 18:41	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 10:15	12/20/20 14:42	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1594297	1	12/21/20 06:13	12/21/20 16:52	SHG	Mt. Juliet, TN

18C L1298078-35 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:20	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 12:06	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1596047	10	12/22/20 22:57	12/23/20 15:01	TH	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/23/20 23:09	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 17:34	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 15:07	TAB	Mt. Juliet, TN

18D L1298078-36 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:31 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 10:31	12/24/20 19:02	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 10:31	12/20/20 15:01	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1595455	10	12/21/20 22:58	12/23/20 16:47	SHG	Mt. Juliet, TN

19C L1298078-37 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:05 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:22	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 12:08	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 18:21	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/23/20 23:23	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 18:07	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/24/20 15:20	TAB	Mt. Juliet, TN

19D L1298078-38 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:58 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 10:58	12/24/20 19:22	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 10:58	12/20/20 15:20	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1595455	10	12/21/20 22:58	12/23/20 17:08	SHG	Mt. Juliet, TN

20C L1298078-39 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:12 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594415	1	12/19/20 09:22	12/19/20 09:33	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595814	1	12/22/20 08:21	12/23/20 14:38	BMF	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 05:44	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 21:00	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/23/20 23:38	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 18:40	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/28/20 17:19	TAB	Mt. Juliet, TN

20D L1298078-40 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:05 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/15/20 12:05	12/24/20 19:43	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 12:05	12/20/20 15:39	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1595455	1	12/21/20 22:58	12/23/20 16:26	SHG	Mt. Juliet, TN

21C L1298078-41 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595814	1	12/22/20 08:21	12/23/20 14:41	BMF	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 12:11	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 18:36	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/23/20 23:52	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 19:13	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597034	1	12/24/20 07:33	12/28/20 17:32	TAB	Mt. Juliet, TN

21D L1298078-42 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1596885	25	12/19/20 17:11	12/24/20 20:04	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/19/20 17:11	12/20/20 15:58	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1595455	1	12/21/20 22:58	12/22/20 14:37	JNJ	Mt. Juliet, TN

22C L1298078-43 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:28 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595814	1	12/22/20 08:21	12/23/20 14:44	BMF	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594442	1	12/18/20 17:06	12/21/20 12:14	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 18:50	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 00:06	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 19:46	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 15:19	AMM	Mt. Juliet, TN

22D L1298078-44 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:20 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597867	25	12/15/20 11:20	12/28/20 19:29	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 11:20	12/20/20 16:18	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 17:37	AO	Mt. Juliet, TN

23C L1298078-45 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:28 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595814	1	12/22/20 08:26	12/23/20 14:46	BMF	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:11	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	10	12/22/20 12:01	12/23/20 12:50	TH	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 00:21	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 20:20	MTJ	Mt. Juliet, TN

23D L1298078-46 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:28 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597867	25	12/15/20 15:28	12/28/20 19:52	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 15:28	12/20/20 16:37	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 19:40	AO	Mt. Juliet, TN

24C L1298078-47 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:05 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595814	1	12/22/20 08:26	12/23/20 14:49	BMF	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:14	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	10	12/22/20 12:01	12/23/20 12:36	TH	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 00:35	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 20:53	MTJ	Mt. Juliet, TN

24D L1298078-48 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 14:55 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597867	25	12/15/20 14:55	12/28/20 20:15	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 14:55	12/20/20 16:56	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 18:38	AO	Mt. Juliet, TN

25C L1298078-49 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:25 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594416	1	12/19/20 09:51	12/19/20 10:00	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 01:51	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:17	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 19:05	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 01:33	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 21:26	MTJ	Mt. Juliet, TN

25D L1298078-50 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:17 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597867	25	12/15/20 15:17	12/28/20 20:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 15:17	12/20/20 17:15	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 18:18	AO	Mt. Juliet, TN

26C L1298078-51 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:06 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:24	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:19	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 19:48	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 01:47	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 21:59	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 15:31	AMM	Mt. Juliet, TN

26D L1298078-52 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:06 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597867	25	12/15/20 15:06	12/28/20 21:01	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595022	1	12/15/20 15:06	12/20/20 17:34	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 20:01	AO	Mt. Juliet, TN

27C L1298078-53 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 13:00 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:26	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:23	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 19:19	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 02:02	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 15:54	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 15:43	AMM	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/28/20 13:34	TAB	Mt. Juliet, TN

27D L1298078-54 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 13:00 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1598560	25.3	12/15/20 13:00	12/30/20 02:27	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595115	1.01	12/15/20 13:00	12/21/20 18:25	ACG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 21:02	AO	Mt. Juliet, TN

28C L1298078-55 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:28	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:25	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 19:33	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 02:16	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 22:32	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 15:56	AMM	Mt. Juliet, TN

28D L1298078-56 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597621	25	12/15/20 12:40	12/27/20 15:05	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595115	1	12/15/20 12:40	12/21/20 18:44	ACG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 17:57	AO	Mt. Juliet, TN

29C L1298078-57 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 09:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:34	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:28	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 20:31	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 02:31	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 23:05	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 16:08	AMM	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/28/20 13:48	TAB	Mt. Juliet, TN

29D L1298078-58 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 09:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597621	29.3	12/15/20 09:50	12/27/20 15:35	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595115	1.17	12/15/20 09:50	12/21/20 19:03	ACG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 19:20	AO	Mt. Juliet, TN

30C L1298078-59 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:07 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1594417	1	12/19/20 09:37	12/19/20 09:48	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:36	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:30	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 20:46	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 02:45	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/22/20 23:39	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 16:21	AMM	Mt. Juliet, TN

30D L1298078-60 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:07 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1595515	1	12/22/20 10:24	12/22/20 10:37	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1598560	25	12/15/20 10:07	12/30/20 02:50	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595115	1	12/15/20 10:07	12/21/20 19:22	ACG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 20:21	AO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	5	12/24/20 06:42	12/28/20 21:39	AMG	Mt. Juliet, TN

31C L1298078-61 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:25 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1595515	1	12/22/20 10:24	12/22/20 10:37	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:38	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:33	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 20:02	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 02:59	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/23/20 00:12	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 16:58	AMM	Mt. Juliet, TN

31D L1298078-62 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:25 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1595515	1	12/22/20 10:24	12/22/20 10:37	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597621	26	12/15/20 10:25	12/27/20 16:52	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595115	1.04	12/15/20 10:25	12/21/20 19:41	ACG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 18:59	AO	Mt. Juliet, TN

32C L1298078-63 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:20 | Received date/time: 12/17/20 13:00

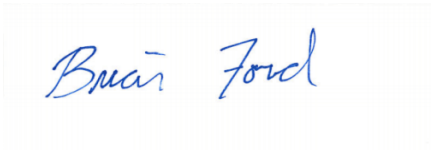
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1595516	1	12/22/20 09:24	12/22/20 09:32	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1595810	1	12/30/20 21:27	01/02/21 02:40	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1594450	1	12/18/20 17:36	12/21/20 06:36	CCE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1595950	1	12/22/20 12:01	12/22/20 20:17	CAG	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG1594825	1	12/19/20 16:54	12/24/20 03:42	MTJ	Mt. Juliet, TN
OP Pesticides by Method 8141	WG1594289	1	12/22/20 07:18	12/23/20 00:45	MTJ	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1597068	1	12/24/20 08:19	12/24/20 17:10	AMM	Mt. Juliet, TN

32D L1298078-64 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:20 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1595516	1	12/22/20 09:24	12/22/20 09:32	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1597621	25	12/15/20 12:20	12/27/20 17:15	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1595115	1	12/15/20 12:20	12/21/20 20:00	ACG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG1596446	1	12/24/20 06:42	12/24/20 21:23	AO	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

Project Narrative

-02/-04/-06/-10/-14/-22/-24/-26/-28/-30/-32/-34/-36/-42; VOCs by 8260 and GRO by 8015: Field prepped terracore vials were not usable due to incorrect amount of soil added to the vials. Terracore vials were re-prepped at the lab using bulk soil jars for these samples.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	12/19/2020 07:11	WG1594412

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.117		0.0213	0.0473	1	01/02/2021 01:57	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.643	2.37	1	12/21/2020 11:36	WG1594442
Arsenic	7.03		0.613	2.37	1	12/21/2020 11:36	WG1594442
Barium	290		0.101	0.591	1	12/21/2020 11:36	WG1594442
Beryllium	0.883		0.0373	0.237	1	12/21/2020 11:36	WG1594442
Cadmium	0.586	J	0.0557	0.591	1	12/21/2020 11:36	WG1594442
Chromium	77.7		0.157	1.18	1	12/21/2020 11:36	WG1594442
Cobalt	16.1		0.0959	1.18	1	12/21/2020 11:36	WG1594442
Copper	39.5		0.473	2.37	1	12/21/2020 11:36	WG1594442
Lead	15.2		0.246	0.591	1	12/21/2020 11:36	WG1594442
Molybdenum	0.280	J	0.129	0.591	1	12/21/2020 11:36	WG1594442
Nickel	76.0		0.156	2.37	1	12/21/2020 11:36	WG1594442
Selenium	U		0.904	2.37	1	12/21/2020 11:36	WG1594442
Silver	U		0.150	1.18	1	12/21/2020 11:36	WG1594442
Thallium	U		0.466	2.37	1	12/21/2020 11:36	WG1594442
Vanadium	86.2		0.598	2.37	1	12/21/2020 11:36	WG1594442
Zinc	108		0.984	5.91	1	12/21/2020 11:36	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	6.87		0.867	4.73	1	12/19/2020 21:28	WG1594304
C22-C32 Hydrocarbons	18.6		1.57	4.73	1	12/19/2020 21:28	WG1594304
C32-C40 Hydrocarbons	18.0		1.57	4.73	1	12/19/2020 21:28	WG1594304
(S) o-Terphenyl	*61.7*			*18.0-148*		*12/19/2020 21:28*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00830	0.0828	1	12/20/2020 20:02	WG1594405
Dalapon	U		0.0134	0.0828	1	12/20/2020 20:02	WG1594405
2,4-DB	U		0.0351	0.0828	1	12/20/2020 20:02	WG1594405
Dicamba	U		0.0186	0.0828	1	12/20/2020 20:02	WG1594405
Dichloroprop	U		0.0290	0.0828	1	12/20/2020 20:02	WG1594405
Dinoseb	U	J4	0.00824	0.0828	1	12/20/2020 20:02	WG1594405
MCPA	U	J4	0.524	7.69	1	12/20/2020 20:02	WG1594405
MCPP	U	J4	0.434	7.69	1	12/20/2020 20:02	WG1594405
2,4,5-T	U		0.0101	0.0828	1	12/20/2020 20:02	WG1594405
2,4,5-TP (Silvex)	U		0.0127	0.0828	1	12/20/2020 20:02	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*45.1*			*22.0-132*		*12/20/2020 20:02*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0376	0.118	1	12/23/2020 04:48	WG1594288
Bolstar (Sulprofos)	U		0.0176	0.118	1	12/23/2020 04:48	WG1594288
Chlorpyrifos	U		0.0186	0.118	1	12/23/2020 04:48	WG1594288
Coumaphos	U		0.0287	0.118	1	12/23/2020 04:48	WG1594288
Demeton,-O and -S	U		0.00691	0.0828	1	12/23/2020 04:48	WG1594288
Diazinon	U		0.0266	0.118	1	12/23/2020 04:48	WG1594288
Dichlorvos	U		0.0355	0.118	1	12/23/2020 04:48	WG1594288
Dimethoate	U		0.0395	0.118	1	12/23/2020 04:48	WG1594288
Disulfoton	U		0.0300	0.118	1	12/23/2020 04:48	WG1594288
EPN	U		0.0326	0.118	1	12/23/2020 04:48	WG1594288
Ethoprop	U		0.0140	0.118	1	12/23/2020 04:48	WG1594288
Ethyl Parathion	U		0.0194	0.118	1	12/23/2020 04:48	WG1594288
Fensulfothion	U		0.0417	0.118	1	12/23/2020 04:48	WG1594288
Fenthion	U		0.0157	0.118	1	12/23/2020 04:48	WG1594288
Malathion	U		0.0212	0.118	1	12/23/2020 04:48	WG1594288
Merphos	U		0.0274	0.118	1	12/23/2020 04:48	WG1594288
Methyl parathion	U		0.0240	0.118	1	12/23/2020 04:48	WG1594288
Mevinphos	U		0.0272	0.118	1	12/23/2020 04:48	WG1594288
Naled	U		0.0568	0.118	1	12/23/2020 04:48	WG1594288
Phorate	U		0.0248	0.118	1	12/23/2020 04:48	WG1594288
Ronnel	U		0.0176	0.118	1	12/23/2020 04:48	WG1594288
Stirophos	U		0.0211	0.118	1	12/23/2020 04:48	WG1594288
Sulfotep	U		0.0117	0.118	1	12/23/2020 04:48	WG1594288
TEPP	U		0.186	1.18	1	12/23/2020 04:48	WG1594288
Tokuthion (Prothothiofos)	U		0.0177	0.118	1	12/23/2020 04:48	WG1594288
Trichloronate	U		0.0238	0.118	1	12/23/2020 04:48	WG1594288
(S) Triphenyl Phosphate	*80.7*			*36.0-121*		*12/23/2020 04:48*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00445	0.0237	1	12/24/2020 05:19	WG1596746
Alpha BHC	U		0.00435	0.0237	1	12/24/2020 05:19	WG1596746
Beta BHC	U		0.00448	0.0237	1	12/24/2020 05:19	WG1596746
Delta BHC	U		0.00409	0.0237	1	12/24/2020 05:19	WG1596746
Gamma BHC	U		0.00407	0.0237	1	12/24/2020 05:19	WG1596746
4,4-DDD	U		0.00438	0.0237	1	12/24/2020 05:19	WG1596746
4,4-DDE	0.837		0.00866	0.0473	2	12/24/2020 09:15	WG1596746
4,4-DDT	0.957		0.0370	0.118	5	12/24/2020 10:55	WG1596746
Dieldrin	0.109		0.00407	0.0237	1	12/24/2020 05:19	WG1596746
Endosulfan I	U		0.00429	0.0237	1	12/24/2020 05:19	WG1596746
Endosulfan II	U		0.00396	0.0237	1	12/24/2020 05:19	WG1596746
Endosulfan sulfate	U		0.00431	0.0237	1	12/24/2020 05:19	WG1596746
Endrin	U		0.00414	0.0237	1	12/24/2020 05:19	WG1596746
Endrin aldehyde	U		0.00401	0.0237	1	12/24/2020 05:19	WG1596746
Endrin ketone	U		0.00841	0.0237	1	12/24/2020 05:19	WG1596746
Heptachlor	U		0.00506	0.0237	1	12/24/2020 05:19	WG1596746
Heptachlor epoxide	U		0.00401	0.0237	1	12/24/2020 05:19	WG1596746
Hexachlorobenzene	U		0.00409	0.0237	1	12/24/2020 05:19	WG1596746
Methoxychlor	U		0.00572	0.0237	1	12/24/2020 05:19	WG1596746
Chlordane	U		0.122	0.355	1	12/24/2020 05:19	WG1596746
Toxaphene	U		0.147	0.473	1	12/24/2020 05:19	WG1596746
(S) Decachlorobiphenyl	*88.2*			*10.0-135*		*12/24/2020 10:55*	WG1596746
(S) Decachlorobiphenyl	*95.1*			*10.0-135*		*12/24/2020 05:19*	WG1596746
(S) Decachlorobiphenyl	*95.3*			*10.0-135*		*12/24/2020 09:15*	WG1596746
(S) Tetrachloro-m-xylene	*84.4*			*10.0-139*		*12/24/2020 05:19*	WG1596746

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) Tetrachloro-m-xylene	*98.4*			*10.0-139*		*12/24/2020 10:55*	WG1596746
(S) Tetrachloro-m-xylene	*81.9*			*10.0-139*		*12/24/2020 09:15*	WG1596746

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.8		1	12/19/2020 07:11	WG1594412

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.22	3.69	25	12/24/2020 04:25	WG1596277
(S) a,a,a-Trifluorotoluene(FID)	*97.2*			*77.0-120*		*12/24/2020 04:25*	WG1596277

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0538	0.0737	1	12/20/2020 12:00	WG1594964
Acrylonitrile	U		0.00532	0.0184	1	12/20/2020 12:00	WG1594964
Benzene	U		0.000688	0.00147	1	12/20/2020 12:00	WG1594964
Bromobenzene	U		0.00133	0.0184	1	12/20/2020 12:00	WG1594964
Bromodichloromethane	U		0.00107	0.00369	1	12/20/2020 12:00	WG1594964
Bromoform	U		0.00172	0.0369	1	12/20/2020 12:00	WG1594964
Bromomethane	U		0.00290	0.0184	1	12/20/2020 12:00	WG1594964
n-Butylbenzene	U		0.00774	0.0184	1	12/20/2020 12:00	WG1594964
sec-Butylbenzene	U		0.00425	0.0184	1	12/20/2020 12:00	WG1594964
tert-Butylbenzene	U		0.00287	0.00737	1	12/20/2020 12:00	WG1594964
Carbon tetrachloride	U		0.00132	0.00737	1	12/28/2020 11:59	WG1597204
Chlorobenzene	U		0.000310	0.00369	1	12/20/2020 12:00	WG1594964
Chlorodibromomethane	U		0.000902	0.00369	1	12/20/2020 12:00	WG1594964
Chloroethane	U		0.00251	0.00737	1	12/20/2020 12:00	WG1594964
Chloroform	U		0.00152	0.00369	1	12/28/2020 11:59	WG1597204
Chloromethane	U		0.00641	0.0184	1	12/20/2020 12:00	WG1594964
2-Chlorotoluene	U		0.00128	0.00369	1	12/20/2020 12:00	WG1594964
4-Chlorotoluene	U		0.000663	0.00737	1	12/20/2020 12:00	WG1594964
1,2-Dibromo-3-Chloropropane	U		0.00575	0.0369	1	12/20/2020 12:00	WG1594964
1,2-Dibromoethane	U		0.000955	0.00369	1	12/20/2020 12:00	WG1594964
Dibromomethane	U		0.00111	0.00737	1	12/20/2020 12:00	WG1594964
1,2-Dichlorobenzene	U		0.000627	0.00737	1	12/20/2020 12:00	WG1594964
1,3-Dichlorobenzene	U		0.000885	0.00737	1	12/20/2020 12:00	WG1594964
1,4-Dichlorobenzene	U		0.00103	0.00737	1	12/20/2020 12:00	WG1594964
Dichlorodifluoromethane	U		0.00237	0.00369	1	12/20/2020 12:00	WG1594964
1,1-Dichloroethane	U		0.000724	0.00369	1	12/20/2020 12:00	WG1594964
1,2-Dichloroethane	U		0.000957	0.00369	1	12/20/2020 12:00	WG1594964
1,1-Dichloroethene	U		0.000893	0.00369	1	12/20/2020 12:00	WG1594964
cis-1,2-Dichloroethene	U		0.00108	0.00369	1	12/20/2020 12:00	WG1594964
trans-1,2-Dichloroethene	U		0.00153	0.00737	1	12/20/2020 12:00	WG1594964
1,2-Dichloropropane	U		0.00209	0.00737	1	12/20/2020 12:00	WG1594964
1,1-Dichloropropene	U		0.00119	0.00369	1	12/20/2020 12:00	WG1594964
1,3-Dichloropropane	U		0.000739	0.00737	1	12/20/2020 12:00	WG1594964
cis-1,3-Dichloropropene	U		0.00112	0.00369	1	12/20/2020 12:00	WG1594964
trans-1,3-Dichloropropene	U		0.00168	0.00737	1	12/20/2020 12:00	WG1594964
2,2-Dichloropropane	U		0.00203	0.00369	1	12/20/2020 12:00	WG1594964
Di-isopropyl ether	U		0.000604	0.00147	1	12/20/2020 12:00	WG1594964
Ethylbenzene	U		0.00109	0.00369	1	12/20/2020 12:00	WG1594964
Hexachloro-1,3-butadiene	U		0.00885	0.0369	1	12/20/2020 12:00	WG1594964
Isopropylbenzene	U		0.000627	0.00369	1	12/20/2020 12:00	WG1594964
p-Isopropyltoluene	U		0.00376	0.00737	1	12/20/2020 12:00	WG1594964
2-Butanone (MEK)	U		0.0936	0.147	1	12/20/2020 12:00	WG1594964
Methylene Chloride	U		0.00979	0.0369	1	12/20/2020 12:00	WG1594964
4-Methyl-2-pentanone (MIBK)	U		0.00336	0.0369	1	12/20/2020 12:00	WG1594964

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000516	0.00147	1	12/20/2020 12:00	WG1594964
Naphthalene	U		0.00719	0.0184	1	12/20/2020 12:00	WG1594964
n-Propylbenzene	U		0.00140	0.00737	1	12/20/2020 12:00	WG1594964
Styrene	U		0.000338	0.0184	1	12/20/2020 12:00	WG1594964
1,1,1,2-Tetrachloroethane	U		0.00140	0.00369	1	12/20/2020 12:00	WG1594964
1,1,2,2-Tetrachloroethane	U		0.00102	0.00369	1	12/20/2020 12:00	WG1594964
1,1,2-Trichlorotrifluoroethane	U		0.00111	0.00369	1	12/20/2020 12:00	WG1594964
Tetrachloroethene	U		0.00132	0.00369	1	12/20/2020 12:00	WG1594964
Toluene	U		0.00192	0.00737	1	12/20/2020 12:00	WG1594964
1,2,3-Trichlorobenzene	U		0.0108	0.0184	1	12/20/2020 12:00	WG1594964
1,2,4-Trichlorobenzene	U		0.00649	0.0184	1	12/20/2020 12:00	WG1594964
1,1,1-Trichloroethane	U		0.00136	0.00369	1	12/20/2020 12:00	WG1594964
1,1,2-Trichloroethane	U		0.000880	0.00369	1	12/20/2020 12:00	WG1594964
Trichloroethene	U		0.000861	0.00147	1	12/20/2020 12:00	WG1594964
Trichlorofluoromethane	U		0.00122	0.00369	1	12/20/2020 12:00	WG1594964
1,2,3-Trichloropropane	U		0.00239	0.0184	1	12/20/2020 12:00	WG1594964
1,2,4-Trimethylbenzene	U		0.00233	0.00737	1	12/20/2020 12:00	WG1594964
1,2,3-Trimethylbenzene	U		0.00233	0.00737	1	12/20/2020 12:00	WG1594964
1,3,5-Trimethylbenzene	U		0.00295	0.00737	1	12/20/2020 12:00	WG1594964
Vinyl chloride	U		0.00171	0.00369	1	12/20/2020 12:00	WG1594964
Xylenes, Total	U		0.00130	0.00958	1	12/20/2020 12:00	WG1594964
(S) Toluene-d8	*115*			*75.0-131*		*12/20/2020 12:00*	WG1594964
(S) Toluene-d8	*108*			*75.0-131*		*12/28/2020 11:59*	WG1597204
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*12/20/2020 12:00*	WG1594964
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*12/28/2020 11:59*	WG1597204
(S) 1,2-Dichloroethane-d4	*82.7*			*70.0-130*		*12/20/2020 12:00*	WG1594964
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*12/28/2020 11:59*	WG1597204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00667	0.0412	1	12/21/2020 14:26	WG1594297
Acenaphthylene	U		0.00580	0.0412	1	12/21/2020 14:26	WG1594297
Anthracene	U		0.00734	0.0412	1	12/21/2020 14:26	WG1594297
Benzo(a)anthracene	U		0.00726	0.0412	1	12/21/2020 14:26	WG1594297
Benzo(b)fluoranthene	U		0.00768	0.0412	1	12/21/2020 14:26	WG1594297
Benzo(k)fluoranthene	U		0.00732	0.0412	1	12/21/2020 14:26	WG1594297
Benzo(g,h,i)perylene	U		0.00753	0.0412	1	12/21/2020 14:26	WG1594297
Benzo(a)pyrene	U		0.00766	0.0412	1	12/21/2020 14:26	WG1594297
Bis(2-chlorethoxy)methane	U		0.0124	0.412	1	12/21/2020 14:26	WG1594297
Bis(2-chloroethyl)ether	U		0.0136	0.412	1	12/21/2020 14:26	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0178	0.412	1	12/21/2020 14:26	WG1594297
4-Bromophenyl-phenylether	U		0.0145	0.412	1	12/21/2020 14:26	WG1594297
2-Chloronaphthalene	U		0.00724	0.0412	1	12/21/2020 14:26	WG1594297
4-Chlorophenyl-phenylether	U		0.0144	0.412	1	12/21/2020 14:26	WG1594297
Chrysene	U		0.00819	0.0412	1	12/21/2020 14:26	WG1594297
Dibenz(a,h)anthracene	U		0.0114	0.0412	1	12/21/2020 14:26	WG1594297
3,3-Dichlorobenzidine	U		0.0152	0.412	1	12/21/2020 14:26	WG1594297
2,4-Dinitrotoluene	U		0.0118	0.412	1	12/21/2020 14:26	WG1594297
2,6-Dinitrotoluene	U		0.0135	0.412	1	12/21/2020 14:26	WG1594297
Fluoranthene	0.00938	J	0.00744	0.0412	1	12/21/2020 14:26	WG1594297
Fluorene	U		0.00671	0.0412	1	12/21/2020 14:26	WG1594297
Hexachlorobenzene	U		0.0146	0.412	1	12/21/2020 14:26	WG1594297
Hexachloro-1,3-butadiene	U		0.0139	0.412	1	12/21/2020 14:26	WG1594297
Hexachlorocyclopentadiene	U	J6	0.0216	0.412	1	12/21/2020 14:26	WG1594297
Hexachloroethane	U		0.0162	0.412	1	12/21/2020 14:26	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Indeno(1,2,3-cd)pyrene	U		0.0116	0.0412	1	12/21/2020 14:26	WG1594297
Isophorone	U		0.0126	0.412	1	12/21/2020 14:26	WG1594297
Naphthalene	U		0.0103	0.0412	1	12/21/2020 14:26	WG1594297
Nitrobenzene	U		0.0144	0.412	1	12/21/2020 14:26	WG1594297
n-Nitrosodimethylamine	U		0.0611	0.412	1	12/21/2020 14:26	WG1594297
n-Nitrosodiphenylamine	U		0.0312	0.412	1	12/21/2020 14:26	WG1594297
n-Nitrosodi-n-propylamine	U		0.0137	0.412	1	12/21/2020 14:26	WG1594297
Phenanthrene	0.0105	J	0.00818	0.0412	1	12/21/2020 14:26	WG1594297
Pyridine	U		0.0272	0.412	1	12/21/2020 14:26	WG1594297
Benzylbutyl phthalate	U		0.0129	0.412	1	12/21/2020 14:26	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0522	0.412	1	12/21/2020 14:26	WG1594297
Di-n-butyl phthalate	U		0.0141	0.412	1	12/21/2020 14:26	WG1594297
Diethyl phthalate	U		0.0136	0.412	1	12/21/2020 14:26	WG1594297
Dimethyl phthalate	U		0.0873	0.412	1	12/21/2020 14:26	WG1594297
Di-n-octyl phthalate	U		0.0278	0.412	1	12/21/2020 14:26	WG1594297
Pyrene	U		0.00802	0.0412	1	12/21/2020 14:26	WG1594297
1,2,4-Trichlorobenzene	U		0.0129	0.412	1	12/21/2020 14:26	WG1594297
4-Chloro-3-methylphenol	U		0.0134	0.412	1	12/21/2020 14:26	WG1594297
2-Chlorophenol	U		0.0136	0.412	1	12/21/2020 14:26	WG1594297
2,4-Dichlorophenol	U		0.0120	0.412	1	12/21/2020 14:26	WG1594297
2,4-Dimethylphenol	U		0.0108	0.412	1	12/21/2020 14:26	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0934	0.412	1	12/21/2020 14:26	WG1594297
2,4-Dinitrophenol	U		0.0964	0.412	1	12/21/2020 14:26	WG1594297
2-Methylphenol	U		0.0124	0.412	1	12/21/2020 14:26	WG1594297
3&4-Methyl Phenol	U		0.0129	0.412	1	12/21/2020 14:26	WG1594297
2-Nitrophenol	U		0.0147	0.412	1	12/21/2020 14:26	WG1594297
4-Nitrophenol	U		0.0129	0.412	1	12/21/2020 14:26	WG1594297
Pentachlorophenol	U		0.0111	0.412	1	12/21/2020 14:26	WG1594297
Phenol	U		0.0166	0.412	1	12/21/2020 14:26	WG1594297
2,4,6-Trichlorophenol	U		0.0132	0.412	1	12/21/2020 14:26	WG1594297
2,4,5-Trichlorophenol	U		0.0140	0.412	1	12/21/2020 14:26	WG1594297
(S) 2-Fluorophenol	*68.3*			*12.0-120*		*12/21/2020 14:26*	WG1594297
(S) Phenol-d5	*65.0*			*10.0-120*		*12/21/2020 14:26*	WG1594297
(S) Nitrobenzene-d5	*55.0*			*10.0-122*		*12/21/2020 14:26*	WG1594297
(S) 2-Fluorobiphenyl	*59.6*			*15.0-120*		*12/21/2020 14:26*	WG1594297
(S) 2,4,6-Tribromophenol	*60.1*			*10.0-127*		*12/21/2020 14:26*	WG1594297
(S) p-Terphenyl-d14	*60.9*			*10.0-120*		*12/21/2020 14:26*	WG1594297

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.7		1	12/19/2020 07:11	WG1594412

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0291	J	0.0198	0.0441	1	01/02/2021 01:59	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.599	2.20	1	12/21/2020 11:39	WG1594442
Arsenic	4.09		0.571	2.20	1	12/21/2020 11:39	WG1594442
Barium	143		0.0939	0.551	1	12/21/2020 11:39	WG1594442
Beryllium	0.528		0.0347	0.220	1	12/21/2020 11:39	WG1594442
Cadmium	0.180	J	0.0519	0.551	1	12/21/2020 11:39	WG1594442
Chromium	27.8		0.147	1.10	1	12/21/2020 11:39	WG1594442
Cobalt	5.69		0.0894	1.10	1	12/21/2020 11:39	WG1594442
Copper	12.2		0.441	2.20	1	12/21/2020 11:39	WG1594442
Lead	12.0		0.229	0.551	1	12/21/2020 11:39	WG1594442
Molybdenum	0.574		0.120	0.551	1	12/21/2020 11:39	WG1594442
Nickel	16.8		0.145	2.20	1	12/21/2020 11:39	WG1594442
Selenium	U		0.842	2.20	1	12/21/2020 11:39	WG1594442
Silver	U		0.140	1.10	1	12/21/2020 11:39	WG1594442
Thallium	U		0.434	2.20	1	12/21/2020 11:39	WG1594442
Vanadium	43.6		0.558	2.20	1	12/21/2020 11:39	WG1594442
Zinc	50.1		0.917	5.51	1	12/21/2020 11:39	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	2.24	J	0.808	4.41	1	12/19/2020 21:57	WG1594304
C22-C32 Hydrocarbons	13.3		1.47	4.41	1	12/19/2020 21:57	WG1594304
C32-C40 Hydrocarbons	15.1		1.47	4.41	1	12/19/2020 21:57	WG1594304
(S) o-Terphenyl	*75.8*			*18.0-148*		*12/19/2020 21:57*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00774	0.0771	1	12/20/2020 20:17	WG1594405
Dalapon	U		0.0125	0.0771	1	12/20/2020 20:17	WG1594405
2,4-DB	U		0.0327	0.0771	1	12/20/2020 20:17	WG1594405
Dicamba	U		0.0173	0.0771	1	12/20/2020 20:17	WG1594405
Dichloroprop	U		0.0270	0.0771	1	12/20/2020 20:17	WG1594405
Dinoseb	U	J4	0.00768	0.0771	1	12/20/2020 20:17	WG1594405
MCPA	U	J4	0.488	7.16	1	12/20/2020 20:17	WG1594405
MCPP	U	J4	0.404	7.16	1	12/20/2020 20:17	WG1594405
2,4,5-T	U		0.00939	0.0771	1	12/20/2020 20:17	WG1594405
2,4,5-TP (Silvex)	U		0.0118	0.0771	1	12/20/2020 20:17	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*43.3*			*22.0-132*		*12/20/2020 20:17*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0350	0.110	1	12/23/2020 05:21	WG1594288
Bolstar (Sulprofos)	U		0.0164	0.110	1	12/23/2020 05:21	WG1594288
Chlorpyrifos	U		0.0173	0.110	1	12/23/2020 05:21	WG1594288
Coumaphos	U		0.0268	0.110	1	12/23/2020 05:21	WG1594288
Demeton,-O and -S	U		0.00644	0.0771	1	12/23/2020 05:21	WG1594288
Diazinon	U		0.0248	0.110	1	12/23/2020 05:21	WG1594288
Dichlorvos	U		0.0331	0.110	1	12/23/2020 05:21	WG1594288
Dimethoate	U		0.0368	0.110	1	12/23/2020 05:21	WG1594288
Disulfoton	U		0.0280	0.110	1	12/23/2020 05:21	WG1594288
EPN	U		0.0304	0.110	1	12/23/2020 05:21	WG1594288
Ethoprop	U		0.0130	0.110	1	12/23/2020 05:21	WG1594288
Ethyl Parathion	U		0.0181	0.110	1	12/23/2020 05:21	WG1594288
Fensulfothion	U		0.0389	0.110	1	12/23/2020 05:21	WG1594288
Fenthion	U		0.0147	0.110	1	12/23/2020 05:21	WG1594288
Malathion	U		0.0197	0.110	1	12/23/2020 05:21	WG1594288
Merphos	U		0.0256	0.110	1	12/23/2020 05:21	WG1594288
Methyl parathion	U		0.0224	0.110	1	12/23/2020 05:21	WG1594288
Mevinphos	U		0.0253	0.110	1	12/23/2020 05:21	WG1594288
Naled	U		0.0529	0.110	1	12/23/2020 05:21	WG1594288
Phorate	U		0.0231	0.110	1	12/23/2020 05:21	WG1594288
Ronnel	U		0.0164	0.110	1	12/23/2020 05:21	WG1594288
Stirophos	U		0.0196	0.110	1	12/23/2020 05:21	WG1594288
Sulfotep	U		0.0109	0.110	1	12/23/2020 05:21	WG1594288
TEPP	U		0.173	1.10	1	12/23/2020 05:21	WG1594288
Tokuthion (Prothothiofos)	U		0.0165	0.110	1	12/23/2020 05:21	WG1594288
Trichloronate	U		0.0222	0.110	1	12/23/2020 05:21	WG1594288
(S) Triphenyl Phosphate	*76.5*			*36.0-121*		*12/23/2020 05:21*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00414	0.0220	1	12/24/2020 05:31	WG1596746
Alpha BHC	U		0.00406	0.0220	1	12/24/2020 05:31	WG1596746
Beta BHC	U		0.00418	0.0220	1	12/24/2020 05:31	WG1596746
Delta BHC	U		0.00381	0.0220	1	12/24/2020 05:31	WG1596746
Gamma BHC	U		0.00379	0.0220	1	12/24/2020 05:31	WG1596746
4,4-DDD	0.0465		0.00408	0.0220	1	12/24/2020 09:21	WG1596746
4,4-DDE	0.220		0.00403	0.0220	1	12/24/2020 05:31	WG1596746
4,4-DDT	0.291		0.00691	0.0220	1	12/24/2020 05:31	WG1596746
Dieldrin	0.0295		0.00379	0.0220	1	12/24/2020 05:31	WG1596746
Endosulfan I	U		0.00400	0.0220	1	12/24/2020 05:31	WG1596746
Endosulfan II	U		0.00369	0.0220	1	12/24/2020 05:31	WG1596746
Endosulfan sulfate	U		0.00401	0.0220	1	12/24/2020 05:31	WG1596746
Endrin	U		0.00386	0.0220	1	12/24/2020 05:31	WG1596746
Endrin aldehyde	U		0.00374	0.0220	1	12/24/2020 05:31	WG1596746
Endrin ketone	U		0.00784	0.0220	1	12/24/2020 05:31	WG1596746
Heptachlor	U		0.00472	0.0220	1	12/24/2020 05:31	WG1596746
Heptachlor epoxide	U		0.00374	0.0220	1	12/24/2020 05:31	WG1596746
Hexachlorobenzene	U		0.00381	0.0220	1	12/24/2020 05:31	WG1596746
Methoxychlor	U		0.00533	0.0220	1	12/24/2020 05:31	WG1596746
Chlordane	U		0.114	0.331	1	12/24/2020 05:31	WG1596746
Toxaphene	U		0.137	0.441	1	12/24/2020 05:31	WG1596746
(S) Decachlorobiphenyl	*94.2*			*10.0-135*		*12/24/2020 09:21*	WG1596746
(S) Decachlorobiphenyl	*86.6*			*10.0-135*		*12/24/2020 05:31*	WG1596746
(S) Tetrachloro-m-xylene	*72.3*			*10.0-139*		*12/24/2020 05:31*	WG1596746
(S) Tetrachloro-m-xylene	*100*			*10.0-139*		*12/24/2020 09:21*	WG1596746

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.3		1	12/19/2020 07:11	WG1594412

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.78	B J	1.16	3.50	25	12/28/2020 06:04	WG1597145
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*		*12/28/2020 06:04*	WG1597145

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0511	0.0701	1	12/20/2020 12:19	WG1594964
Acrylonitrile	U		0.00506	0.0175	1	12/20/2020 12:19	WG1594964
Benzene	U		0.000654	0.00140	1	12/20/2020 12:19	WG1594964
Bromobenzene	U		0.00126	0.0175	1	12/20/2020 12:19	WG1594964
Bromodichloromethane	U		0.00102	0.00350	1	12/20/2020 12:19	WG1594964
Bromoform	U		0.00164	0.0350	1	12/20/2020 12:19	WG1594964
Bromomethane	U		0.00276	0.0175	1	12/20/2020 12:19	WG1594964
n-Butylbenzene	U		0.00736	0.0175	1	12/20/2020 12:19	WG1594964
sec-Butylbenzene	U		0.00404	0.0175	1	12/20/2020 12:19	WG1594964
tert-Butylbenzene	U		0.00273	0.00701	1	12/20/2020 12:19	WG1594964
Carbon tetrachloride	U		0.00126	0.00701	1	12/28/2020 12:18	WG1597204
Chlorobenzene	U		0.000294	0.00350	1	12/20/2020 12:19	WG1594964
Chlorodibromomethane	U		0.000858	0.00350	1	12/20/2020 12:19	WG1594964
Chloroethane	U		0.00238	0.00701	1	12/20/2020 12:19	WG1594964
Chloroform	U		0.00144	0.00350	1	12/28/2020 12:18	WG1597204
Chloromethane	U		0.00610	0.0175	1	12/20/2020 12:19	WG1594964
2-Chlorotoluene	U		0.00121	0.00350	1	12/20/2020 12:19	WG1594964
4-Chlorotoluene	U		0.000631	0.00701	1	12/20/2020 12:19	WG1594964
1,2-Dibromo-3-Chloropropane	U		0.00547	0.0350	1	12/20/2020 12:19	WG1594964
1,2-Dibromoethane	U		0.000908	0.00350	1	12/20/2020 12:19	WG1594964
Dibromomethane	U		0.00105	0.00701	1	12/20/2020 12:19	WG1594964
1,2-Dichlorobenzene	U		0.000596	0.00701	1	12/20/2020 12:19	WG1594964
1,3-Dichlorobenzene	U		0.000841	0.00701	1	12/20/2020 12:19	WG1594964
1,4-Dichlorobenzene	U		0.000981	0.00701	1	12/20/2020 12:19	WG1594964
Dichlorodifluoromethane	U		0.00226	0.00350	1	12/20/2020 12:19	WG1594964
1,1-Dichloroethane	U		0.000688	0.00350	1	12/20/2020 12:19	WG1594964
1,2-Dichloroethane	U		0.000909	0.00350	1	12/20/2020 12:19	WG1594964
1,1-Dichloroethene	U		0.000849	0.00350	1	12/20/2020 12:19	WG1594964
cis-1,2-Dichloroethene	U		0.00103	0.00350	1	12/20/2020 12:19	WG1594964
trans-1,2-Dichloroethene	U		0.00146	0.00701	1	12/20/2020 12:19	WG1594964
1,2-Dichloropropane	U		0.00199	0.00701	1	12/20/2020 12:19	WG1594964
1,1-Dichloropropene	U		0.00113	0.00350	1	12/20/2020 12:19	WG1594964
1,3-Dichloropropane	U		0.000702	0.00701	1	12/20/2020 12:19	WG1594964
cis-1,3-Dichloropropene	U		0.00106	0.00350	1	12/20/2020 12:19	WG1594964
trans-1,3-Dichloropropene	U		0.00160	0.00701	1	12/20/2020 12:19	WG1594964
2,2-Dichloropropane	U		0.00193	0.00350	1	12/20/2020 12:19	WG1594964
Di-isopropyl ether	U		0.000575	0.00140	1	12/20/2020 12:19	WG1594964
Ethylbenzene	U		0.00103	0.00350	1	12/20/2020 12:19	WG1594964
Hexachloro-1,3-butadiene	U		0.00841	0.0350	1	12/20/2020 12:19	WG1594964
Isopropylbenzene	U		0.000596	0.00350	1	12/20/2020 12:19	WG1594964
p-Isopropyltoluene	U		0.00357	0.00701	1	12/20/2020 12:19	WG1594964
2-Butanone (MEK)	U		0.0890	0.140	1	12/20/2020 12:19	WG1594964
Methylene Chloride	U		0.00930	0.0350	1	12/20/2020 12:19	WG1594964
4-Methyl-2-pentanone (MIBK)	U		0.00319	0.0350	1	12/20/2020 12:19	WG1594964

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000490	0.00140	1	12/20/2020 12:19	WG1594964
Naphthalene	U		0.00684	0.0175	1	12/20/2020 12:19	WG1594964
n-Propylbenzene	U		0.00133	0.00701	1	12/20/2020 12:19	WG1594964
Styrene	U		0.000321	0.0175	1	12/20/2020 12:19	WG1594964
1,1,1,2-Tetrachloroethane	U		0.00133	0.00350	1	12/20/2020 12:19	WG1594964
1,1,2,2-Tetrachloroethane	U		0.000974	0.00350	1	12/20/2020 12:19	WG1594964
1,1,2-Trichlorotrifluoroethane	U		0.00106	0.00350	1	12/20/2020 12:19	WG1594964
Tetrachloroethene	U		0.00126	0.00350	1	12/20/2020 12:19	WG1594964
Toluene	U		0.00182	0.00701	1	12/20/2020 12:19	WG1594964
1,2,3-Trichlorobenzene	U		0.0103	0.0175	1	12/20/2020 12:19	WG1594964
1,2,4-Trichlorobenzene	U		0.00617	0.0175	1	12/20/2020 12:19	WG1594964
1,1,1-Trichloroethane	U		0.00129	0.00350	1	12/20/2020 12:19	WG1594964
1,1,2-Trichloroethane	U		0.000837	0.00350	1	12/20/2020 12:19	WG1594964
Trichloroethene	U		0.000818	0.00140	1	12/20/2020 12:19	WG1594964
Trichlorofluoromethane	U		0.00116	0.00350	1	12/20/2020 12:19	WG1594964
1,2,3-Trichloropropane	U		0.00227	0.0175	1	12/20/2020 12:19	WG1594964
1,2,4-Trimethylbenzene	U		0.00221	0.00701	1	12/20/2020 12:19	WG1594964
1,2,3-Trimethylbenzene	U		0.00221	0.00701	1	12/20/2020 12:19	WG1594964
1,3,5-Trimethylbenzene	U		0.00280	0.00701	1	12/20/2020 12:19	WG1594964
Vinyl chloride	U		0.00163	0.00350	1	12/20/2020 12:19	WG1594964
Xylenes, Total	U		0.00123	0.00911	1	12/20/2020 12:19	WG1594964
(S) Toluene-d8	*116*			*75.0-131*		*12/20/2020 12:19*	WG1594964
(S) Toluene-d8	*109*			*75.0-131*		*12/28/2020 12:18*	WG1597204
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*12/20/2020 12:19*	WG1594964
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*		*12/28/2020 12:18*	WG1597204
(S) 1,2-Dichloroethane-d4	*80.7*			*70.0-130*		*12/20/2020 12:19*	WG1594964
(S) 1,2-Dichloroethane-d4	*87.2*			*70.0-130*		*12/28/2020 12:18*	WG1597204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00647	0.0400	1	12/21/2020 13:03	WG1594297
Acenaphthylene	U		0.00563	0.0400	1	12/21/2020 13:03	WG1594297
Anthracene	U		0.00712	0.0400	1	12/21/2020 13:03	WG1594297
Benzo(a)anthracene	U		0.00705	0.0400	1	12/21/2020 13:03	WG1594297
Benzo(b)fluoranthene	U		0.00745	0.0400	1	12/21/2020 13:03	WG1594297
Benzo(k)fluoranthene	U		0.00711	0.0400	1	12/21/2020 13:03	WG1594297
Benzo(g,h,i)perylene	U		0.00731	0.0400	1	12/21/2020 13:03	WG1594297
Benzo(a)pyrene	U		0.00743	0.0400	1	12/21/2020 13:03	WG1594297
Bis(2-chlorethoxy)methane	U		0.0120	0.400	1	12/21/2020 13:03	WG1594297
Bis(2-chloroethyl)ether	U		0.0132	0.400	1	12/21/2020 13:03	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0173	0.400	1	12/21/2020 13:03	WG1594297
4-Bromophenyl-phenylether	U		0.0140	0.400	1	12/21/2020 13:03	WG1594297
2-Chloronaphthalene	U		0.00702	0.0400	1	12/21/2020 13:03	WG1594297
4-Chlorophenyl-phenylether	U		0.0139	0.400	1	12/21/2020 13:03	WG1594297
Chrysene	U		0.00795	0.0400	1	12/21/2020 13:03	WG1594297
Dibenz(a,h)anthracene	U		0.0111	0.0400	1	12/21/2020 13:03	WG1594297
3,3-Dichlorobenzidine	U		0.0148	0.400	1	12/21/2020 13:03	WG1594297
2,4-Dinitrotoluene	U		0.0115	0.400	1	12/21/2020 13:03	WG1594297
2,6-Dinitrotoluene	U		0.0131	0.400	1	12/21/2020 13:03	WG1594297
Fluoranthene	0.0102	J	0.00721	0.0400	1	12/21/2020 13:03	WG1594297
Fluorene	U		0.00651	0.0400	1	12/21/2020 13:03	WG1594297
Hexachlorobenzene	U		0.0142	0.400	1	12/21/2020 13:03	WG1594297
Hexachloro-1,3-butadiene	U		0.0134	0.400	1	12/21/2020 13:03	WG1594297
Hexachlorocyclopentadiene	U		0.0210	0.400	1	12/21/2020 13:03	WG1594297
Hexachloroethane	U		0.0157	0.400	1	12/21/2020 13:03	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Indeno(1,2,3-cd)pyrene	U		0.0113	0.0400	1	12/21/2020 13:03	WG1594297
Isophorone	U		0.0122	0.400	1	12/21/2020 13:03	WG1594297
Naphthalene	U		0.0100	0.0400	1	12/21/2020 13:03	WG1594297
Nitrobenzene	U		0.0139	0.400	1	12/21/2020 13:03	WG1594297
n-Nitrosodimethylamine	U		0.0593	0.400	1	12/21/2020 13:03	WG1594297
n-Nitrosodiphenylamine	U		0.0303	0.400	1	12/21/2020 13:03	WG1594297
n-Nitrosodi-n-propylamine	U		0.0133	0.400	1	12/21/2020 13:03	WG1594297
Phenanthrene	0.0100	J	0.00793	0.0400	1	12/21/2020 13:03	WG1594297
Pyridine	U		0.0264	0.400	1	12/21/2020 13:03	WG1594297
Benzylbutyl phthalate	U		0.0125	0.400	1	12/21/2020 13:03	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0507	0.400	1	12/21/2020 13:03	WG1594297
Di-n-butyl phthalate	U		0.0137	0.400	1	12/21/2020 13:03	WG1594297
Diethyl phthalate	U		0.0132	0.400	1	12/21/2020 13:03	WG1594297
Dimethyl phthalate	U		0.0848	0.400	1	12/21/2020 13:03	WG1594297
Di-n-octyl phthalate	U		0.0270	0.400	1	12/21/2020 13:03	WG1594297
Pyrene	0.00858	J	0.00778	0.0400	1	12/21/2020 13:03	WG1594297
1,2,4-Trichlorobenzene	U		0.0125	0.400	1	12/21/2020 13:03	WG1594297
4-Chloro-3-methylphenol	U		0.0130	0.400	1	12/21/2020 13:03	WG1594297
2-Chlorophenol	U		0.0132	0.400	1	12/21/2020 13:03	WG1594297
2,4-Dichlorophenol	U		0.0116	0.400	1	12/21/2020 13:03	WG1594297
2,4-Dimethylphenol	U		0.0104	0.400	1	12/21/2020 13:03	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0906	0.400	1	12/21/2020 13:03	WG1594297
2,4-Dinitrophenol	U		0.0935	0.400	1	12/21/2020 13:03	WG1594297
2-Methylphenol	U		0.0120	0.400	1	12/21/2020 13:03	WG1594297
3&4-Methyl Phenol	U		0.0125	0.400	1	12/21/2020 13:03	WG1594297
2-Nitrophenol	U		0.0143	0.400	1	12/21/2020 13:03	WG1594297
4-Nitrophenol	U		0.0125	0.400	1	12/21/2020 13:03	WG1594297
Pentachlorophenol	U		0.0108	0.400	1	12/21/2020 13:03	WG1594297
Phenol	U		0.0161	0.400	1	12/21/2020 13:03	WG1594297
2,4,6-Trichlorophenol	U		0.0128	0.400	1	12/21/2020 13:03	WG1594297
2,4,5-Trichlorophenol	U		0.0136	0.400	1	12/21/2020 13:03	WG1594297
(S) 2-Fluorophenol	*45.9*			*12.0-120*		*12/21/2020 13:03*	WG1594297
(S) Phenol-d5	*43.5*			*10.0-120*		*12/21/2020 13:03*	WG1594297
(S) Nitrobenzene-d5	*35.3*			*10.0-122*		*12/21/2020 13:03*	WG1594297
(S) 2-Fluorobiphenyl	*38.8*			*15.0-120*		*12/21/2020 13:03*	WG1594297
(S) 2,4,6-Tribromophenol	*36.4*			*10.0-127*		*12/21/2020 13:03*	WG1594297
(S) p-Terphenyl-d14	*38.8*			*10.0-120*		*12/21/2020 13:03*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.1		1	12/19/2020 07:11	WG1594412

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0430	J	0.0207	0.0459	1	01/02/2021 02:01	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.624	2.30	1	12/21/2020 11:41	WG1594442
Arsenic	5.46		0.594	2.30	1	12/21/2020 11:41	WG1594442
Barium	133		0.0978	0.574	1	12/21/2020 11:41	WG1594442
Beryllium	0.544		0.0362	0.230	1	12/21/2020 11:41	WG1594442
Cadmium	0.207	J	0.0541	0.574	1	12/21/2020 11:41	WG1594442
Chromium	29.9		0.153	1.15	1	12/21/2020 11:41	WG1594442
Cobalt	6.15		0.0931	1.15	1	12/21/2020 11:41	WG1594442
Copper	15.8		0.459	2.30	1	12/21/2020 11:41	WG1594442
Lead	10.6		0.239	0.574	1	12/21/2020 11:41	WG1594442
Molybdenum	0.765		0.125	0.574	1	12/21/2020 11:41	WG1594442
Nickel	21.3		0.151	2.30	1	12/21/2020 11:41	WG1594442
Selenium	U		0.877	2.30	1	12/21/2020 11:41	WG1594442
Silver	U		0.146	1.15	1	12/21/2020 11:41	WG1594442
Thallium	U		0.452	2.30	1	12/21/2020 11:41	WG1594442
Vanadium	45.9		0.581	2.30	1	12/21/2020 11:41	WG1594442
Zinc	51.5		0.955	5.74	1	12/21/2020 11:41	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	7.80	J	4.21	23.0	5	12/19/2020 22:41	WG1594304
C22-C32 Hydrocarbons	85.6		7.63	23.0	5	12/19/2020 22:41	WG1594304
C32-C40 Hydrocarbons	104		7.63	23.0	5	12/19/2020 22:41	WG1594304
(S) o-Terphenyl	*67.2*			*18.0-148*		*12/19/2020 22:41*	WG1594304

Sample Narrative:

L1298078-05 WG1594304: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00806	0.0803	1	12/20/2020 20:31	WG1594405
Dalapon	U		0.0130	0.0803	1	12/20/2020 20:31	WG1594405
2,4-DB	U		0.0341	0.0803	1	12/20/2020 20:31	WG1594405
Dicamba	U		0.0180	0.0803	1	12/20/2020 20:31	WG1594405
Dichloroprop	U		0.0281	0.0803	1	12/20/2020 20:31	WG1594405
Dinoseb	U	J4	0.00800	0.0803	1	12/20/2020 20:31	WG1594405
MCPA	U	J4	0.508	7.46	1	12/20/2020 20:31	WG1594405
MCPP	U	J4	0.421	7.46	1	12/20/2020 20:31	WG1594405
2,4,5-T	U		0.00978	0.0803	1	12/20/2020 20:31	WG1594405
2,4,5-TP (Silvex)	U		0.0123	0.0803	1	12/20/2020 20:31	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*44.2*			*22.0-132*		*12/20/2020 20:31*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0365	0.115	1	12/23/2020 05:54	WG1594288
Bolstar (Sulprofos)	U		0.0171	0.115	1	12/23/2020 05:54	WG1594288
Chlorpyrifos	U		0.0180	0.115	1	12/23/2020 05:54	WG1594288
Coumaphos	U		0.0279	0.115	1	12/23/2020 05:54	WG1594288
Demeton,-O and -S	U		0.00670	0.0803	1	12/23/2020 05:54	WG1594288
Diazinon	U		0.0258	0.115	1	12/23/2020 05:54	WG1594288
Dichlorvos	U		0.0344	0.115	1	12/23/2020 05:54	WG1594288
Dimethoate	U		0.0383	0.115	1	12/23/2020 05:54	WG1594288
Disulfoton	U		0.0292	0.115	1	12/23/2020 05:54	WG1594288
EPN	U		0.0317	0.115	1	12/23/2020 05:54	WG1594288
Ethoprop	U		0.0135	0.115	1	12/23/2020 05:54	WG1594288
Ethyl Parathion	U		0.0188	0.115	1	12/23/2020 05:54	WG1594288
Fensulfothion	U		0.0405	0.115	1	12/23/2020 05:54	WG1594288
Fenthion	U		0.0153	0.115	1	12/23/2020 05:54	WG1594288
Malathion	U		0.0205	0.115	1	12/23/2020 05:54	WG1594288
Merphos	U		0.0266	0.115	1	12/23/2020 05:54	WG1594288
Methyl parathion	U		0.0233	0.115	1	12/23/2020 05:54	WG1594288
Mevinphos	U		0.0264	0.115	1	12/23/2020 05:54	WG1594288
Naled	U		0.0551	0.115	1	12/23/2020 05:54	WG1594288
Phorate	U		0.0241	0.115	1	12/23/2020 05:54	WG1594288
Ronnel	U		0.0171	0.115	1	12/23/2020 05:54	WG1594288
Stirophos	U		0.0204	0.115	1	12/23/2020 05:54	WG1594288
Sulfotep	U		0.0113	0.115	1	12/23/2020 05:54	WG1594288
TEPP	U		0.180	1.15	1	12/23/2020 05:54	WG1594288
Tokuthion (Prothothiofos)	U		0.0172	0.115	1	12/23/2020 05:54	WG1594288
Trichloronate	U		0.0231	0.115	1	12/23/2020 05:54	WG1594288
(S) Triphenyl Phosphate	*78.7*			*36.0-121*		*12/23/2020 05:54*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00432	0.0230	1	12/24/2020 05:44	WG1596746
Alpha BHC	U		0.00422	0.0230	1	12/24/2020 05:44	WG1596746
Beta BHC	U		0.00435	0.0230	1	12/24/2020 05:44	WG1596746
Delta BHC	U		0.00397	0.0230	1	12/24/2020 05:44	WG1596746
Gamma BHC	U		0.00395	0.0230	1	12/24/2020 05:44	WG1596746
4,4-DDD	0.00675	J	0.00425	0.0230	1	12/24/2020 05:44	WG1596746
4,4-DDE	0.0539		0.00420	0.0230	1	12/24/2020 05:44	WG1596746
4,4-DDT	0.0764		0.00720	0.0230	1	12/24/2020 05:44	WG1596746
Dieldrin	0.00982	J	0.00395	0.0230	1	12/24/2020 05:44	WG1596746
Endosulfan I	U		0.00417	0.0230	1	12/24/2020 05:44	WG1596746
Endosulfan II	U		0.00384	0.0230	1	12/24/2020 05:44	WG1596746
Endosulfan sulfate	U		0.00418	0.0230	1	12/24/2020 05:44	WG1596746
Endrin	U		0.00402	0.0230	1	12/24/2020 05:44	WG1596746
Endrin aldehyde	U		0.00389	0.0230	1	12/24/2020 05:44	WG1596746
Endrin ketone	U		0.00816	0.0230	1	12/24/2020 05:44	WG1596746
Heptachlor	U		0.00491	0.0230	1	12/24/2020 05:44	WG1596746
Heptachlor epoxide	U		0.00389	0.0230	1	12/24/2020 05:44	WG1596746
Hexachlorobenzene	U		0.00397	0.0230	1	12/24/2020 05:44	WG1596746
Methoxychlor	U		0.00555	0.0230	1	12/24/2020 05:44	WG1596746
Chlordane	U		0.118	0.344	1	12/24/2020 05:44	WG1596746
Toxaphene	U		0.142	0.459	1	12/24/2020 05:44	WG1596746
(S) Decachlorobiphenyl	*88.8*			*10.0-135*		*12/24/2020 05:44*	WG1596746
(S) Tetrachloro-m-xylene	*78.9*			*10.0-139*		*12/24/2020 05:44*	WG1596746

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.2		1	12/19/2020 07:11	WG1594412

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.27	B J	1.10	3.30	25	12/28/2020 06:27	WG1597145
(S) a,a,a-Trifluorotoluene(FID)	*97.3*			*77.0-120*		*12/28/2020 06:27*	WG1597145

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0482	0.0660	1	12/20/2020 12:38	WG1594964
Acrylonitrile	U		0.00476	0.0165	1	12/20/2020 12:38	WG1594964
Benzene	U		0.000616	0.00132	1	12/20/2020 12:38	WG1594964
Bromobenzene	U		0.00119	0.0165	1	12/20/2020 12:38	WG1594964
Bromodichloromethane	U		0.000957	0.00330	1	12/20/2020 12:38	WG1594964
Bromoform	U		0.00154	0.0330	1	12/20/2020 12:38	WG1594964
Bromomethane	U		0.00260	0.0165	1	12/20/2020 12:38	WG1594964
n-Butylbenzene	U		0.00693	0.0165	1	12/20/2020 12:38	WG1594964
sec-Butylbenzene	U		0.00380	0.0165	1	12/20/2020 12:38	WG1594964
tert-Butylbenzene	U		0.00257	0.00660	1	12/20/2020 12:38	WG1594964
Carbon tetrachloride	U		0.00119	0.00660	1	12/28/2020 12:37	WG1597204
Chlorobenzene	U		0.000277	0.00330	1	12/20/2020 12:38	WG1594964
Chlorodibromomethane	U		0.000808	0.00330	1	12/20/2020 12:38	WG1594964
Chloroethane	U		0.00224	0.00660	1	12/20/2020 12:38	WG1594964
Chloroform	0.00185	J	0.00136	0.00330	1	12/28/2020 12:37	WG1597204
Chloromethane	U		0.00574	0.0165	1	12/20/2020 12:38	WG1594964
2-Chlorotoluene	U		0.00114	0.00330	1	12/20/2020 12:38	WG1594964
4-Chlorotoluene	U		0.000594	0.00660	1	12/20/2020 12:38	WG1594964
1,2-Dibromo-3-Chloropropane	U		0.00515	0.0330	1	12/20/2020 12:38	WG1594964
1,2-Dibromoethane	U		0.000855	0.00330	1	12/20/2020 12:38	WG1594964
Dibromomethane	U		0.000990	0.00660	1	12/20/2020 12:38	WG1594964
1,2-Dichlorobenzene	U		0.000561	0.00660	1	12/20/2020 12:38	WG1594964
1,3-Dichlorobenzene	U		0.000792	0.00660	1	12/20/2020 12:38	WG1594964
1,4-Dichlorobenzene	U		0.000924	0.00660	1	12/20/2020 12:38	WG1594964
Dichlorodifluoromethane	U		0.00213	0.00330	1	12/20/2020 12:38	WG1594964
1,1-Dichloroethane	U		0.000648	0.00330	1	12/20/2020 12:38	WG1594964
1,2-Dichloroethane	U		0.000857	0.00330	1	12/20/2020 12:38	WG1594964
1,1-Dichloroethene	U		0.000800	0.00330	1	12/20/2020 12:38	WG1594964
cis-1,2-Dichloroethene	U		0.000969	0.00330	1	12/20/2020 12:38	WG1594964
trans-1,2-Dichloroethene	U		0.00137	0.00660	1	12/20/2020 12:38	WG1594964
1,2-Dichloropropane	U		0.00187	0.00660	1	12/20/2020 12:38	WG1594964
1,1-Dichloropropene	U		0.00107	0.00330	1	12/20/2020 12:38	WG1594964
1,3-Dichloropropane	U		0.000661	0.00660	1	12/20/2020 12:38	WG1594964
cis-1,3-Dichloropropene	U		0.000999	0.00330	1	12/20/2020 12:38	WG1594964
trans-1,3-Dichloropropene	U		0.00150	0.00660	1	12/20/2020 12:38	WG1594964
2,2-Dichloropropane	U		0.00182	0.00330	1	12/20/2020 12:38	WG1594964
Di-isopropyl ether	U		0.000541	0.00132	1	12/20/2020 12:38	WG1594964
Ethylbenzene	U		0.000973	0.00330	1	12/20/2020 12:38	WG1594964
Hexachloro-1,3-butadiene	U		0.00792	0.0330	1	12/20/2020 12:38	WG1594964
Isopropylbenzene	U		0.000561	0.00330	1	12/20/2020 12:38	WG1594964
p-Isopropyltoluene	U		0.00337	0.00660	1	12/20/2020 12:38	WG1594964
2-Butanone (MEK)	U		0.0838	0.132	1	12/20/2020 12:38	WG1594964
Methylene Chloride	U		0.00876	0.0330	1	12/20/2020 12:38	WG1594964
4-Methyl-2-pentanone (MIBK)	U		0.00301	0.0330	1	12/20/2020 12:38	WG1594964

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000462	0.00132	1	12/20/2020 12:38	WG1594964
Naphthalene	U		0.00644	0.0165	1	12/20/2020 12:38	WG1594964
n-Propylbenzene	U		0.00125	0.00660	1	12/20/2020 12:38	WG1594964
Styrene	U		0.000302	0.0165	1	12/20/2020 12:38	WG1594964
1,1,1,2-Tetrachloroethane	U		0.00125	0.00330	1	12/20/2020 12:38	WG1594964
1,1,2,2-Tetrachloroethane	U		0.000917	0.00330	1	12/20/2020 12:38	WG1594964
1,1,2-Trichlorotrifluoroethane	U		0.000995	0.00330	1	12/20/2020 12:38	WG1594964
Tetrachloroethene	U		0.00118	0.00330	1	12/20/2020 12:38	WG1594964
Toluene	U		0.00172	0.00660	1	12/20/2020 12:38	WG1594964
1,2,3-Trichlorobenzene	U		0.00967	0.0165	1	12/20/2020 12:38	WG1594964
1,2,4-Trichlorobenzene	U		0.00581	0.0165	1	12/20/2020 12:38	WG1594964
1,1,1-Trichloroethane	U		0.00122	0.00330	1	12/20/2020 12:38	WG1594964
1,1,2-Trichloroethane	U		0.000788	0.00330	1	12/20/2020 12:38	WG1594964
Trichloroethene	U		0.000771	0.00132	1	12/20/2020 12:38	WG1594964
Trichlorofluoromethane	U		0.00109	0.00330	1	12/20/2020 12:38	WG1594964
1,2,3-Trichloropropane	U		0.00214	0.0165	1	12/20/2020 12:38	WG1594964
1,2,4-Trimethylbenzene	U		0.00209	0.00660	1	12/20/2020 12:38	WG1594964
1,2,3-Trimethylbenzene	U		0.00209	0.00660	1	12/20/2020 12:38	WG1594964
1,3,5-Trimethylbenzene	U		0.00264	0.00660	1	12/20/2020 12:38	WG1594964
Vinyl chloride	U		0.00153	0.00330	1	12/20/2020 12:38	WG1594964
Xylenes, Total	U		0.00116	0.00858	1	12/20/2020 12:38	WG1594964
(S) Toluene-d8	*114*			*75.0-131*		*12/20/2020 12:38*	WG1594964
(S) Toluene-d8	*112*			*75.0-131*		*12/28/2020 12:37*	WG1597204
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 12:38*	WG1594964
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/28/2020 12:37*	WG1597204
(S) 1,2-Dichloroethane-d4	*85.8*			*70.0-130*		*12/20/2020 12:38*	WG1594964
(S) 1,2-Dichloroethane-d4	*85.9*			*70.0-130*		*12/28/2020 12:37*	WG1597204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00625	0.0386	1	12/21/2020 14:05	WG1594297
Acenaphthylene	U		0.00544	0.0386	1	12/21/2020 14:05	WG1594297
Anthracene	U		0.00688	0.0386	1	12/21/2020 14:05	WG1594297
Benzo(a)anthracene	U		0.00681	0.0386	1	12/21/2020 14:05	WG1594297
Benzo(b)fluoranthene	U		0.00720	0.0386	1	12/21/2020 14:05	WG1594297
Benzo(k)fluoranthene	U		0.00687	0.0386	1	12/21/2020 14:05	WG1594297
Benzo(g,h,i)perylene	U		0.00706	0.0386	1	12/21/2020 14:05	WG1594297
Benzo(a)pyrene	U		0.00718	0.0386	1	12/21/2020 14:05	WG1594297
Bis(2-chlorethoxy)methane	U		0.0116	0.386	1	12/21/2020 14:05	WG1594297
Bis(2-chloroethyl)ether	U		0.0128	0.386	1	12/21/2020 14:05	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0167	0.386	1	12/21/2020 14:05	WG1594297
4-Bromophenyl-phenylether	U		0.0136	0.386	1	12/21/2020 14:05	WG1594297
2-Chloronaphthalene	U		0.00678	0.0386	1	12/21/2020 14:05	WG1594297
4-Chlorophenyl-phenylether	U		0.0135	0.386	1	12/21/2020 14:05	WG1594297
Chrysene	U		0.00768	0.0386	1	12/21/2020 14:05	WG1594297
Dibenz(a,h)anthracene	U		0.0107	0.0386	1	12/21/2020 14:05	WG1594297
3,3-Dichlorobenzidine	U		0.0143	0.386	1	12/21/2020 14:05	WG1594297
2,4-Dinitrotoluene	U		0.0111	0.386	1	12/21/2020 14:05	WG1594297
2,6-Dinitrotoluene	U		0.0126	0.386	1	12/21/2020 14:05	WG1594297
Fluoranthene	U		0.00697	0.0386	1	12/21/2020 14:05	WG1594297
Fluorene	U		0.00629	0.0386	1	12/21/2020 14:05	WG1594297
Hexachlorobenzene	U		0.0137	0.386	1	12/21/2020 14:05	WG1594297
Hexachloro-1,3-butadiene	U		0.0130	0.386	1	12/21/2020 14:05	WG1594297
Hexachlorocyclopentadiene	U		0.0203	0.386	1	12/21/2020 14:05	WG1594297
Hexachloroethane	U		0.0152	0.386	1	12/21/2020 14:05	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Indeno(1,2,3-cd)pyrene	U		0.0109	0.0386	1	12/21/2020 14:05	WG1594297
Isophorone	U		0.0118	0.386	1	12/21/2020 14:05	WG1594297
Naphthalene	U		0.00969	0.0386	1	12/21/2020 14:05	WG1594297
Nitrobenzene	U		0.0135	0.386	1	12/21/2020 14:05	WG1594297
n-Nitrosodimethylamine	U		0.0573	0.386	1	12/21/2020 14:05	WG1594297
n-Nitrosodiphenylamine	U		0.0292	0.386	1	12/21/2020 14:05	WG1594297
n-Nitrosodi-n-propylamine	U		0.0129	0.386	1	12/21/2020 14:05	WG1594297
Phenanthrene	U		0.00767	0.0386	1	12/21/2020 14:05	WG1594297
Pyridine	U		0.0255	0.386	1	12/21/2020 14:05	WG1594297
Benzylbutyl phthalate	U		0.0121	0.386	1	12/21/2020 14:05	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0489	0.386	1	12/21/2020 14:05	WG1594297
Di-n-butyl phthalate	U		0.0132	0.386	1	12/21/2020 14:05	WG1594297
Diethyl phthalate	U		0.0128	0.386	1	12/21/2020 14:05	WG1594297
Dimethyl phthalate	U		0.0819	0.386	1	12/21/2020 14:05	WG1594297
Di-n-octyl phthalate	U		0.0261	0.386	1	12/21/2020 14:05	WG1594297
Pyrene	U		0.00751	0.0386	1	12/21/2020 14:05	WG1594297
1,2,4-Trichlorobenzene	U		0.0121	0.386	1	12/21/2020 14:05	WG1594297
4-Chloro-3-methylphenol	U		0.0125	0.386	1	12/21/2020 14:05	WG1594297
2-Chlorophenol	U		0.0128	0.386	1	12/21/2020 14:05	WG1594297
2,4-Dichlorophenol	U		0.0112	0.386	1	12/21/2020 14:05	WG1594297
2,4-Dimethylphenol	U		0.0101	0.386	1	12/21/2020 14:05	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0876	0.386	1	12/21/2020 14:05	WG1594297
2,4-Dinitrophenol	U		0.0903	0.386	1	12/21/2020 14:05	WG1594297
2-Methylphenol	U		0.0116	0.386	1	12/21/2020 14:05	WG1594297
3&4-Methyl Phenol	U		0.0121	0.386	1	12/21/2020 14:05	WG1594297
2-Nitrophenol	U		0.0138	0.386	1	12/21/2020 14:05	WG1594297
4-Nitrophenol	U		0.0121	0.386	1	12/21/2020 14:05	WG1594297
Pentachlorophenol	U		0.0104	0.386	1	12/21/2020 14:05	WG1594297
Phenol	U		0.0155	0.386	1	12/21/2020 14:05	WG1594297
2,4,6-Trichlorophenol	U		0.0124	0.386	1	12/21/2020 14:05	WG1594297
2,4,5-Trichlorophenol	U		0.0131	0.386	1	12/21/2020 14:05	WG1594297
(S) 2-Fluorophenol	*47.0*			*12.0-120*		*12/21/2020 14:05*	WG1594297
(S) Phenol-d5	*47.5*			*10.0-120*		*12/21/2020 14:05*	WG1594297
(S) Nitrobenzene-d5	*36.7*			*10.0-122*		*12/21/2020 14:05*	WG1594297
(S) 2-Fluorobiphenyl	*41.1*			*15.0-120*		*12/21/2020 14:05*	WG1594297
(S) 2,4,6-Tribromophenol	*42.6*			*10.0-127*		*12/21/2020 14:05*	WG1594297
(S) p-Terphenyl-d14	*45.6*			*10.0-120*		*12/21/2020 14:05*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.5		1	12/19/2020 07:11	WG1594412

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0297	J	0.0199	0.0442	1	01/02/2021 02:03	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.601	2.21	1	12/21/2020 11:44	WG1594442
Arsenic	4.08		0.573	2.21	1	12/21/2020 11:44	WG1594442
Barium	101		0.0942	0.553	1	12/21/2020 11:44	WG1594442
Beryllium	0.540		0.0348	0.221	1	12/21/2020 11:44	WG1594442
Cadmium	0.121	J	0.0521	0.553	1	12/21/2020 11:44	WG1594442
Chromium	22.7		0.147	1.11	1	12/21/2020 11:44	WG1594442
Cobalt	4.61		0.0896	1.11	1	12/21/2020 11:44	WG1594442
Copper	10.2		0.442	2.21	1	12/21/2020 11:44	WG1594442
Lead	6.89		0.230	0.553	1	12/21/2020 11:44	WG1594442
Molybdenum	0.874		0.120	0.553	1	12/21/2020 11:44	WG1594442
Nickel	10.3		0.146	2.21	1	12/21/2020 11:44	WG1594442
Selenium	U		0.844	2.21	1	12/21/2020 11:44	WG1594442
Silver	U		0.140	1.11	1	12/21/2020 11:44	WG1594442
Thallium	U		0.435	2.21	1	12/21/2020 11:44	WG1594442
Vanadium	38.3		0.559	2.21	1	12/21/2020 11:44	WG1594442
Zinc	40.3		0.920	5.53	1	12/21/2020 11:44	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	1.49	J	0.810	4.42	1	12/19/2020 20:16	WG1594304
C22-C32 Hydrocarbons	5.18		1.47	4.42	1	12/19/2020 20:16	WG1594304
C32-C40 Hydrocarbons	7.60		1.47	4.42	1	12/19/2020 20:16	WG1594304
(S) o-Terphenyl	*77.0*			*18.0-148*		*12/19/2020 20:16*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00776	0.0774	1	12/20/2020 20:45	WG1594405
Dalapon	U		0.0125	0.0774	1	12/20/2020 20:45	WG1594405
2,4-DB	U		0.0328	0.0774	1	12/20/2020 20:45	WG1594405
Dicamba	U		0.0174	0.0774	1	12/20/2020 20:45	WG1594405
Dichloroprop	U		0.0271	0.0774	1	12/20/2020 20:45	WG1594405
Dinoseb	U	J4	0.00770	0.0774	1	12/20/2020 20:45	WG1594405
MCPA	U	J4	0.490	7.18	1	12/20/2020 20:45	WG1594405
MCPP	U	J4	0.406	7.18	1	12/20/2020 20:45	WG1594405
2,4,5-T	U		0.00942	0.0774	1	12/20/2020 20:45	WG1594405
2,4,5-TP (Silvex)	U		0.0118	0.0774	1	12/20/2020 20:45	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*41.6*			*22.0-132*		*12/20/2020 20:45*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0351	0.111	1	12/23/2020 06:27	WG1594288
Bolstar (Sulprofos)	U		0.0165	0.111	1	12/23/2020 06:27	WG1594288
Chlorpyrifos	U		0.0174	0.111	1	12/23/2020 06:27	WG1594288
Coumaphos	U		0.0269	0.111	1	12/23/2020 06:27	WG1594288
Demeton,-O and -S	U		0.00646	0.0774	1	12/23/2020 06:27	WG1594288
Diazinon	U		0.0249	0.111	1	12/23/2020 06:27	WG1594288
Dichlorvos	U		0.0332	0.111	1	12/23/2020 06:27	WG1594288
Dimethoate	U		0.0369	0.111	1	12/23/2020 06:27	WG1594288
Disulfoton	U		0.0281	0.111	1	12/23/2020 06:27	WG1594288
EPN	U		0.0305	0.111	1	12/23/2020 06:27	WG1594288
Ethoprop	U		0.0130	0.111	1	12/23/2020 06:27	WG1594288
Ethyl Parathion	U		0.0181	0.111	1	12/23/2020 06:27	WG1594288
Fensulfothion	U		0.0390	0.111	1	12/23/2020 06:27	WG1594288
Fenthion	U		0.0147	0.111	1	12/23/2020 06:27	WG1594288
Malathion	U		0.0198	0.111	1	12/23/2020 06:27	WG1594288
Merphos	U		0.0256	0.111	1	12/23/2020 06:27	WG1594288
Methyl parathion	U		0.0224	0.111	1	12/23/2020 06:27	WG1594288
Mevinphos	U		0.0254	0.111	1	12/23/2020 06:27	WG1594288
Naled	U		0.0531	0.111	1	12/23/2020 06:27	WG1594288
Phorate	U		0.0232	0.111	1	12/23/2020 06:27	WG1594288
Ronnel	U		0.0165	0.111	1	12/23/2020 06:27	WG1594288
Stirophos	U		0.0197	0.111	1	12/23/2020 06:27	WG1594288
Sulfotep	U		0.0109	0.111	1	12/23/2020 06:27	WG1594288
TEPP	U		0.174	1.11	1	12/23/2020 06:27	WG1594288
Tokuthion (Prothothiofos)	U		0.0166	0.111	1	12/23/2020 06:27	WG1594288
Trichloronate	U		0.0222	0.111	1	12/23/2020 06:27	WG1594288
(S) Triphenyl Phosphate	*88.8*			*36.0-121*		*12/23/2020 06:27*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00416	0.0221	1	12/24/2020 11:35	WG1597034
Alpha BHC	U		0.00407	0.0221	1	12/24/2020 11:35	WG1597034
Beta BHC	U		0.00419	0.0221	1	12/24/2020 11:35	WG1597034
Delta BHC	U		0.00382	0.0221	1	12/24/2020 11:35	WG1597034
Gamma BHC	U		0.00380	0.0221	1	12/24/2020 11:35	WG1597034
4,4-DDD	U		0.00409	0.0221	1	12/24/2020 11:35	WG1597034
4,4-DDE	U		0.00405	0.0221	1	12/24/2020 11:35	WG1597034
4,4-DDT	U		0.00693	0.0221	1	12/24/2020 11:35	WG1597034
Dieldrin	U		0.00380	0.0221	1	12/24/2020 11:35	WG1597034
Endosulfan I	U		0.00401	0.0221	1	12/24/2020 11:35	WG1597034
Endosulfan II	U		0.00370	0.0221	1	12/24/2020 11:35	WG1597034
Endosulfan sulfate	U		0.00402	0.0221	1	12/24/2020 11:35	WG1597034
Endrin	U		0.00387	0.0221	1	12/24/2020 11:35	WG1597034
Endrin aldehyde	U		0.00375	0.0221	1	12/24/2020 11:35	WG1597034
Endrin ketone	U		0.00786	0.0221	1	12/24/2020 11:35	WG1597034
Heptachlor	U		0.00473	0.0221	1	12/24/2020 11:35	WG1597034
Heptachlor epoxide	U		0.00375	0.0221	1	12/24/2020 11:35	WG1597034
Hexachlorobenzene	U		0.00382	0.0221	1	12/24/2020 11:35	WG1597034
Methoxychlor	U		0.00535	0.0221	1	12/24/2020 11:35	WG1597034
Chlordane	0.347		0.114	0.332	1	12/24/2020 11:35	WG1597034
Toxaphene	U		0.137	0.442	1	12/24/2020 11:35	WG1597034
(S) Decachlorobiphenyl	*92.4*			*10.0-135*		*12/24/2020 11:35*	WG1597034
(S) Tetrachloro-m-xylene	*101*			*10.0-139*		*12/24/2020 11:35*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.1		1	12/19/2020 07:11	WG1594412

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.22	3.70	30.8	12/28/2020 06:50	WG1597145
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*12/28/2020 06:50*	WG1597145

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0539	0.0738	1.23	12/20/2020 12:57	WG1594964
Acrylonitrile	U		0.00533	0.0185	1.23	12/20/2020 12:57	WG1594964
Benzene	U		0.000689	0.00148	1.23	12/20/2020 12:57	WG1594964
Bromobenzene	U		0.00133	0.0185	1.23	12/20/2020 12:57	WG1594964
Bromodichloromethane	U		0.00107	0.00370	1.23	12/20/2020 12:57	WG1594964
Bromoform	U		0.00173	0.0370	1.23	12/20/2020 12:57	WG1594964
Bromomethane	U		0.00290	0.0185	1.23	12/20/2020 12:57	WG1594964
n-Butylbenzene	U		0.00775	0.0185	1.23	12/20/2020 12:57	WG1594964
sec-Butylbenzene	U		0.00425	0.0185	1.23	12/20/2020 12:57	WG1594964
tert-Butylbenzene	U		0.00288	0.00738	1.23	12/20/2020 12:57	WG1594964
Carbon tetrachloride	U		0.00132	0.00738	1.23	12/20/2020 12:57	WG1594964
Chlorobenzene	U		0.000310	0.00370	1.23	12/20/2020 12:57	WG1594964
Chlorodibromomethane	U		0.000904	0.00370	1.23	12/20/2020 12:57	WG1594964
Chloroethane	U		0.00251	0.00738	1.23	12/20/2020 12:57	WG1594964
Chloroform	U		0.00152	0.00370	1.23	12/28/2020 12:56	WG1597204
Chloromethane	U		0.00642	0.0185	1.23	12/20/2020 12:57	WG1594964
2-Chlorotoluene	U		0.00127	0.00370	1.23	12/20/2020 12:57	WG1594964
4-Chlorotoluene	U		0.000665	0.00738	1.23	12/20/2020 12:57	WG1594964
1,2-Dibromo-3-Chloropropane	U		0.00576	0.0370	1.23	12/20/2020 12:57	WG1594964
1,2-Dibromoethane	U		0.000956	0.00370	1.23	12/20/2020 12:57	WG1594964
Dibromomethane	U		0.00111	0.00738	1.23	12/20/2020 12:57	WG1594964
1,2-Dichlorobenzene	U		0.000628	0.00738	1.23	12/20/2020 12:57	WG1594964
1,3-Dichlorobenzene	U		0.000886	0.00738	1.23	12/20/2020 12:57	WG1594964
1,4-Dichlorobenzene	U		0.00103	0.00738	1.23	12/20/2020 12:57	WG1594964
Dichlorodifluoromethane	U		0.00238	0.00370	1.23	12/20/2020 12:57	WG1594964
1,1-Dichloroethane	U		0.000725	0.00370	1.23	12/20/2020 12:57	WG1594964
1,2-Dichloroethane	U		0.000958	0.00370	1.23	12/20/2020 12:57	WG1594964
1,1-Dichloroethene	U		0.000894	0.00370	1.23	12/20/2020 12:57	WG1594964
cis-1,2-Dichloroethene	U		0.00108	0.00370	1.23	12/20/2020 12:57	WG1594964
trans-1,2-Dichloroethene	U		0.00154	0.00738	1.23	12/20/2020 12:57	WG1594964
1,2-Dichloropropane	U		0.00210	0.00738	1.23	12/20/2020 12:57	WG1594964
1,1-Dichloropropene	U		0.00119	0.00370	1.23	12/20/2020 12:57	WG1594964
1,3-Dichloropropane	U		0.000739	0.00738	1.23	12/20/2020 12:57	WG1594964
cis-1,3-Dichloropropene	U		0.00112	0.00370	1.23	12/20/2020 12:57	WG1594964
trans-1,3-Dichloropropene	U		0.00168	0.00738	1.23	12/20/2020 12:57	WG1594964
2,2-Dichloropropane	U		0.00204	0.00370	1.23	12/20/2020 12:57	WG1594964
Di-isopropyl ether	U		0.000605	0.00148	1.23	12/20/2020 12:57	WG1594964
Ethylbenzene	U		0.00109	0.00370	1.23	12/20/2020 12:57	WG1594964
Hexachloro-1,3-butadiene	U		0.00886	0.0370	1.23	12/20/2020 12:57	WG1594964
Isopropylbenzene	U		0.000628	0.00370	1.23	12/20/2020 12:57	WG1594964
p-Isopropyltoluene	U		0.00377	0.00738	1.23	12/20/2020 12:57	WG1594964
2-Butanone (MEK)	U		0.0937	0.148	1.23	12/20/2020 12:57	WG1594964
Methylene Chloride	U		0.00980	0.0370	1.23	12/20/2020 12:57	WG1594964
4-Methyl-2-pentanone (MIBK)	U		0.00336	0.0370	1.23	12/20/2020 12:57	WG1594964

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000517	0.00148	1.23	12/20/2020 12:57	WG1594964
Naphthalene	U		0.00720	0.0185	1.23	12/20/2020 12:57	WG1594964
n-Propylbenzene	U		0.00140	0.00738	1.23	12/20/2020 12:57	WG1594964
Styrene	U		0.000338	0.0185	1.23	12/20/2020 12:57	WG1594964
1,1,1,2-Tetrachloroethane	U		0.00140	0.00370	1.23	12/20/2020 12:57	WG1594964
1,1,2,2-Tetrachloroethane	U		0.00103	0.00370	1.23	12/20/2020 12:57	WG1594964
1,1,2-Trichlorotrifluoroethane	U		0.00111	0.00370	1.23	12/20/2020 12:57	WG1594964
Tetrachloroethene	U		0.00132	0.00370	1.23	12/20/2020 12:57	WG1594964
Toluene	U		0.00192	0.00738	1.23	12/20/2020 12:57	WG1594964
1,2,3-Trichlorobenzene	U		0.0108	0.0185	1.23	12/20/2020 12:57	WG1594964
1,2,4-Trichlorobenzene	U		0.00649	0.0185	1.23	12/20/2020 12:57	WG1594964
1,1,1-Trichloroethane	U		0.00137	0.00370	1.23	12/20/2020 12:57	WG1594964
1,1,2-Trichloroethane	U		0.000881	0.00370	1.23	12/20/2020 12:57	WG1594964
Trichloroethene	U		0.000862	0.00148	1.23	12/20/2020 12:57	WG1594964
Trichlorofluoromethane	U		0.00122	0.00370	1.23	12/20/2020 12:57	WG1594964
1,2,3-Trichloropropane	U		0.00239	0.0185	1.23	12/20/2020 12:57	WG1594964
1,2,4-Trimethylbenzene	U		0.00233	0.00738	1.23	12/20/2020 12:57	WG1594964
1,2,3-Trimethylbenzene	U		0.00233	0.00738	1.23	12/20/2020 12:57	WG1594964
1,3,5-Trimethylbenzene	U		0.00295	0.00738	1.23	12/20/2020 12:57	WG1594964
Vinyl chloride	U		0.00172	0.00370	1.23	12/20/2020 12:57	WG1594964
Xylenes, Total	U		0.00130	0.00960	1.23	12/20/2020 12:57	WG1594964
(S) Toluene-d8	*114*			*75.0-131*		*12/20/2020 12:57*	WG1594964
(S) Toluene-d8	*109*			*75.0-131*		*12/28/2020 12:56*	WG1597204
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 12:57*	WG1594964
(S) 4-Bromofluorobenzene	*97.4*			*67.0-138*		*12/28/2020 12:56*	WG1597204
(S) 1,2-Dichloroethane-d4	*84.6*			*70.0-130*		*12/20/2020 12:57*	WG1594964
(S) 1,2-Dichloroethane-d4	*92.9*			*70.0-130*		*12/28/2020 12:56*	WG1597204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00598	0.0370	1	12/21/2020 11:19	WG1594297
Acenaphthylene	U		0.00521	0.0370	1	12/21/2020 11:19	WG1594297
Anthracene	U		0.00658	0.0370	1	12/21/2020 11:19	WG1594297
Benzo(a)anthracene	U		0.00652	0.0370	1	12/21/2020 11:19	WG1594297
Benzo(b)fluoranthene	U		0.00689	0.0370	1	12/21/2020 11:19	WG1594297
Benzo(k)fluoranthene	U		0.00657	0.0370	1	12/21/2020 11:19	WG1594297
Benzo(g,h,i)perylene	U		0.00676	0.0370	1	12/21/2020 11:19	WG1594297
Benzo(a)pyrene	U		0.00687	0.0370	1	12/21/2020 11:19	WG1594297
Bis(2-chlorethoxy)methane	U		0.0111	0.370	1	12/21/2020 11:19	WG1594297
Bis(2-chloroethyl)ether	U		0.0122	0.370	1	12/21/2020 11:19	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0160	0.370	1	12/21/2020 11:19	WG1594297
4-Bromophenyl-phenylether	U		0.0130	0.370	1	12/21/2020 11:19	WG1594297
2-Chloronaphthalene	U		0.00649	0.0370	1	12/21/2020 11:19	WG1594297
4-Chlorophenyl-phenylether	U		0.0129	0.370	1	12/21/2020 11:19	WG1594297
Chrysene	U		0.00735	0.0370	1	12/21/2020 11:19	WG1594297
Dibenz(a,h)anthracene	U		0.0102	0.0370	1	12/21/2020 11:19	WG1594297
3,3-Dichlorobenzidine	U		0.0137	0.370	1	12/21/2020 11:19	WG1594297
2,4-Dinitrotoluene	U		0.0106	0.370	1	12/21/2020 11:19	WG1594297
2,6-Dinitrotoluene	U		0.0121	0.370	1	12/21/2020 11:19	WG1594297
Fluoranthene	U		0.00667	0.0370	1	12/21/2020 11:19	WG1594297
Fluorene	U		0.00602	0.0370	1	12/21/2020 11:19	WG1594297
Hexachlorobenzene	U		0.0131	0.370	1	12/21/2020 11:19	WG1594297
Hexachloro-1,3-butadiene	U		0.0124	0.370	1	12/21/2020 11:19	WG1594297
Hexachlorocyclopentadiene	U		0.0194	0.370	1	12/21/2020 11:19	WG1594297
Hexachloroethane	U		0.0145	0.370	1	12/21/2020 11:19	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Indeno(1,2,3-cd)pyrene	U		0.0104	0.0370	1	12/21/2020 11:19	WG1594297
Isophorone	U		0.0113	0.370	1	12/21/2020 11:19	WG1594297
Naphthalene	U		0.00928	0.0370	1	12/21/2020 11:19	WG1594297
Nitrobenzene	U		0.0129	0.370	1	12/21/2020 11:19	WG1594297
n-Nitrosodimethylamine	U		0.0548	0.370	1	12/21/2020 11:19	WG1594297
n-Nitrosodiphenylamine	U		0.0280	0.370	1	12/21/2020 11:19	WG1594297
n-Nitrosodi-n-propylamine	U		0.0123	0.370	1	12/21/2020 11:19	WG1594297
Phenanthrene	U		0.00734	0.0370	1	12/21/2020 11:19	WG1594297
Pyridine	U		0.0244	0.370	1	12/21/2020 11:19	WG1594297
Benzylbutyl phthalate	U		0.0115	0.370	1	12/21/2020 11:19	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0469	0.370	1	12/21/2020 11:19	WG1594297
Di-n-butyl phthalate	U		0.0127	0.370	1	12/21/2020 11:19	WG1594297
Diethyl phthalate	U		0.0122	0.370	1	12/21/2020 11:19	WG1594297
Dimethyl phthalate	U		0.0784	0.370	1	12/21/2020 11:19	WG1594297
Di-n-octyl phthalate	U		0.0250	0.370	1	12/21/2020 11:19	WG1594297
Pyrene	U		0.00719	0.0370	1	12/21/2020 11:19	WG1594297
1,2,4-Trichlorobenzene	U		0.0115	0.370	1	12/21/2020 11:19	WG1594297
4-Chloro-3-methylphenol	U		0.0120	0.370	1	12/21/2020 11:19	WG1594297
2-Chlorophenol	U		0.0122	0.370	1	12/21/2020 11:19	WG1594297
2,4-Dichlorophenol	U		0.0108	0.370	1	12/21/2020 11:19	WG1594297
2,4-Dimethylphenol	U		0.00966	0.370	1	12/21/2020 11:19	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0838	0.370	1	12/21/2020 11:19	WG1594297
2,4-Dinitrophenol	U		0.0865	0.370	1	12/21/2020 11:19	WG1594297
2-Methylphenol	U		0.0111	0.370	1	12/21/2020 11:19	WG1594297
3&4-Methyl Phenol	U		0.0115	0.370	1	12/21/2020 11:19	WG1594297
2-Nitrophenol	U		0.0132	0.370	1	12/21/2020 11:19	WG1594297
4-Nitrophenol	U		0.0115	0.370	1	12/21/2020 11:19	WG1594297
Pentachlorophenol	U		0.00995	0.370	1	12/21/2020 11:19	WG1594297
Phenol	U		0.0149	0.370	1	12/21/2020 11:19	WG1594297
2,4,6-Trichlorophenol	U		0.0119	0.370	1	12/21/2020 11:19	WG1594297
2,4,5-Trichlorophenol	U		0.0125	0.370	1	12/21/2020 11:19	WG1594297
(S) 2-Fluorophenol	*61.0*			*12.0-120*		*12/21/2020 11:19*	WG1594297
(S) Phenol-d5	*56.0*			*10.0-120*		*12/21/2020 11:19*	WG1594297
(S) Nitrobenzene-d5	*46.5*			*10.0-122*		*12/21/2020 11:19*	WG1594297
(S) 2-Fluorobiphenyl	*52.0*			*15.0-120*		*12/21/2020 11:19*	WG1594297
(S) 2,4,6-Tribromophenol	*45.3*			*10.0-127*		*12/21/2020 11:19*	WG1594297
(S) p-Terphenyl-d14	*53.8*			*10.0-120*		*12/21/2020 11:19*	WG1594297

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.4		1	12/19/2020 07:11	WG1594412

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0540		0.0206	0.0457	1	12/24/2020 22:11	WG1595703

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.622	2.29	1	12/21/2020 11:47	WG1594442
Arsenic	4.27		0.592	2.29	1	12/21/2020 11:47	WG1594442
Barium	134		0.0974	0.572	1	12/21/2020 11:47	WG1594442
Beryllium	0.461		0.0360	0.229	1	12/21/2020 11:47	WG1594442
Cadmium	0.224	J	0.0539	0.572	1	12/21/2020 11:47	WG1594442
Chromium	27.0		0.152	1.14	1	12/21/2020 11:47	WG1594442
Cobalt	6.82		0.0927	1.14	1	12/21/2020 11:47	WG1594442
Copper	12.3		0.457	2.29	1	12/21/2020 11:47	WG1594442
Lead	18.0		0.238	0.572	1	12/21/2020 11:47	WG1594442
Molybdenum	0.538	J	0.125	0.572	1	12/21/2020 11:47	WG1594442
Nickel	17.4		0.151	2.29	1	12/21/2020 11:47	WG1594442
Selenium	U		0.874	2.29	1	12/21/2020 11:47	WG1594442
Silver	U		0.145	1.14	1	12/21/2020 11:47	WG1594442
Thallium	U		0.451	2.29	1	12/21/2020 11:47	WG1594442
Vanadium	42.2		0.579	2.29	1	12/21/2020 11:47	WG1594442
Zinc	54.3		0.951	5.72	1	12/21/2020 11:47	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	6.35		0.838	4.57	1	12/19/2020 22:12	WG1594304
C22-C32 Hydrocarbons	32.9		1.52	4.57	1	12/19/2020 22:12	WG1594304
C32-C40 Hydrocarbons	34.5		1.52	4.57	1	12/19/2020 22:12	WG1594304
(S) o-Terphenyl	*64.7*			*18.0-148*		*12/19/2020 22:12*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00803	0.0801	1	12/20/2020 22:22	WG1594405
Dalapon	U		0.0129	0.0801	1	12/20/2020 22:22	WG1594405
2,4-DB	U		0.0340	0.0801	1	12/20/2020 22:22	WG1594405
Dicamba	U		0.0180	0.0801	1	12/20/2020 22:22	WG1594405
Dichloroprop	U		0.0280	0.0801	1	12/20/2020 22:22	WG1594405
Dinoseb	U	J4	0.00797	0.0801	1	12/20/2020 22:22	WG1594405
MCPA	U	J4	0.507	7.43	1	12/20/2020 22:22	WG1594405
MCPP	U	J4	0.420	7.43	1	12/20/2020 22:22	WG1594405
2,4,5-T	U		0.00974	0.0801	1	12/20/2020 22:22	WG1594405
2,4,5-TP (Silvex)	U		0.0122	0.0801	1	12/20/2020 22:22	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*42.0*			*22.0-132*		*12/20/2020 22:22*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0364	0.114	1	12/23/2020 07:00	WG1594288
Bolstar (Sulprofos)	U		0.0170	0.114	1	12/23/2020 07:00	WG1594288
Chlorpyrifos	U		0.0180	0.114	1	12/23/2020 07:00	WG1594288
Coumaphos	U		0.0278	0.114	1	12/23/2020 07:00	WG1594288
Demeton,-O and -S	U		0.00668	0.0801	1	12/23/2020 07:00	WG1594288
Diazinon	U		0.0257	0.114	1	12/23/2020 07:00	WG1594288
Dichlorvos	U		0.0343	0.114	1	12/23/2020 07:00	WG1594288
Dimethoate	U		0.0382	0.114	1	12/23/2020 07:00	WG1594288
Disulfoton	U		0.0290	0.114	1	12/23/2020 07:00	WG1594288
EPN	U		0.0316	0.114	1	12/23/2020 07:00	WG1594288
Ethoprop	U		0.0135	0.114	1	12/23/2020 07:00	WG1594288
Ethyl Parathion	U		0.0188	0.114	1	12/23/2020 07:00	WG1594288
Fensulfothion	U		0.0404	0.114	1	12/23/2020 07:00	WG1594288
Fenthion	U		0.0152	0.114	1	12/23/2020 07:00	WG1594288
Malathion	U		0.0205	0.114	1	12/23/2020 07:00	WG1594288
Merphos	U		0.0265	0.114	1	12/23/2020 07:00	WG1594288
Methyl parathion	U		0.0232	0.114	1	12/23/2020 07:00	WG1594288
Mevinphos	U		0.0263	0.114	1	12/23/2020 07:00	WG1594288
Naled	U		0.0549	0.114	1	12/23/2020 07:00	WG1594288
Phorate	U		0.0240	0.114	1	12/23/2020 07:00	WG1594288
Ronnel	U		0.0170	0.114	1	12/23/2020 07:00	WG1594288
Stirophos	U		0.0204	0.114	1	12/23/2020 07:00	WG1594288
Sulfotep	U		0.0113	0.114	1	12/23/2020 07:00	WG1594288
TEPP	U		0.180	1.14	1	12/23/2020 07:00	WG1594288
Tokuthion (Prothothiofos)	U		0.0172	0.114	1	12/23/2020 07:00	WG1594288
Trichloronate	U		0.0230	0.114	1	12/23/2020 07:00	WG1594288
(S) Triphenyl Phosphate	*83.6*			*36.0-121*		*12/23/2020 07:00*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00430	0.0229	1	12/24/2020 11:48	WG1597034
Alpha BHC	U		0.00421	0.0229	1	12/24/2020 11:48	WG1597034
Beta BHC	U		0.00433	0.0229	1	12/24/2020 11:48	WG1597034
Delta BHC	U		0.00396	0.0229	1	12/24/2020 11:48	WG1597034
Gamma BHC	U		0.00393	0.0229	1	12/24/2020 11:48	WG1597034
4,4-DDD	0.0120	J	0.00423	0.0229	1	12/24/2020 11:48	WG1597034
4,4-DDE	0.0437		0.00419	0.0229	1	12/24/2020 11:48	WG1597034
4,4-DDT	0.0350		0.00717	0.0229	1	12/24/2020 11:48	WG1597034
Dieldrin	0.00982	J	0.00393	0.0229	1	12/24/2020 11:48	WG1597034
Endosulfan I	U		0.00415	0.0229	1	12/24/2020 11:48	WG1597034
Endosulfan II	U		0.00383	0.0229	1	12/24/2020 11:48	WG1597034
Endosulfan sulfate	U		0.00416	0.0229	1	12/24/2020 11:48	WG1597034
Endrin	U		0.00400	0.0229	1	12/24/2020 11:48	WG1597034
Endrin aldehyde	U		0.00388	0.0229	1	12/24/2020 11:48	WG1597034
Endrin ketone	U		0.00813	0.0229	1	12/24/2020 11:48	WG1597034
Heptachlor	U		0.00489	0.0229	1	12/24/2020 11:48	WG1597034
Heptachlor epoxide	U		0.00388	0.0229	1	12/24/2020 11:48	WG1597034
Hexachlorobenzene	U		0.00396	0.0229	1	12/24/2020 11:48	WG1597034
Methoxychlor	U		0.00554	0.0229	1	12/24/2020 11:48	WG1597034
Chlordane	U		0.118	0.343	1	12/24/2020 11:48	WG1597034
Toxaphene	U		0.142	0.457	1	12/24/2020 11:48	WG1597034
(S) Decachlorobiphenyl	*123*			*10.0-135*		*12/24/2020 11:48*	WG1597034
(S) Tetrachloro-m-xylene	*110*			*10.0-139*		*12/24/2020 11:48*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.8		1	12/19/2020 06:50	WG1594413

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.13	3.39	25	12/28/2020 07:14	WG1597145
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*77.0-120*		*12/28/2020 07:14*	WG1597145

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0496	0.0679	1	12/20/2020 13:17	WG1594964
Acrylonitrile	U		0.00490	0.0170	1	12/20/2020 13:17	WG1594964
Benzene	U		0.000634	0.00136	1	12/20/2020 13:17	WG1594964
Bromobenzene	U		0.00122	0.0170	1	12/20/2020 13:17	WG1594964
Bromodichloromethane	U		0.000984	0.00339	1	12/20/2020 13:17	WG1594964
Bromoform	U		0.00159	0.0339	1	12/20/2020 13:17	WG1594964
Bromomethane	U		0.00267	0.0170	1	12/20/2020 13:17	WG1594964
n-Butylbenzene	U		0.00713	0.0170	1	12/20/2020 13:17	WG1594964
sec-Butylbenzene	U		0.00391	0.0170	1	12/20/2020 13:17	WG1594964
tert-Butylbenzene	U		0.00265	0.00679	1	12/20/2020 13:17	WG1594964
Carbon tetrachloride	U		0.00122	0.00679	1	12/20/2020 13:17	WG1594964
Chlorobenzene	U		0.000285	0.00339	1	12/20/2020 13:17	WG1594964
Chlorodibromomethane	U		0.000831	0.00339	1	12/20/2020 13:17	WG1594964
Chloroethane	U		0.00231	0.00679	1	12/20/2020 13:17	WG1594964
Chloroform	U		0.00140	0.00339	1	12/28/2020 13:15	WG1597204
Chloromethane	U		0.00591	0.0170	1	12/20/2020 13:17	WG1594964
2-Chlorotoluene	U		0.00117	0.00339	1	12/20/2020 13:17	WG1594964
4-Chlorotoluene	U		0.000611	0.00679	1	12/20/2020 13:17	WG1594964
1,2-Dibromo-3-Chloropropane	U		0.00529	0.0339	1	12/20/2020 13:17	WG1594964
1,2-Dibromoethane	U		0.000880	0.00339	1	12/20/2020 13:17	WG1594964
Dibromomethane	U		0.00102	0.00679	1	12/20/2020 13:17	WG1594964
1,2-Dichlorobenzene	U		0.000577	0.00679	1	12/20/2020 13:17	WG1594964
1,3-Dichlorobenzene	U		0.000815	0.00679	1	12/20/2020 13:17	WG1594964
1,4-Dichlorobenzene	U		0.000950	0.00679	1	12/20/2020 13:17	WG1594964
Dichlorodifluoromethane	U		0.00219	0.00339	1	12/20/2020 13:17	WG1594964
1,1-Dichloroethane	U		0.000667	0.00339	1	12/20/2020 13:17	WG1594964
1,2-Dichloroethane	U		0.000881	0.00339	1	12/20/2020 13:17	WG1594964
1,1-Dichloroethene	U		0.000823	0.00339	1	12/20/2020 13:17	WG1594964
cis-1,2-Dichloroethene	U		0.000996	0.00339	1	12/20/2020 13:17	WG1594964
trans-1,2-Dichloroethene	U		0.00141	0.00679	1	12/20/2020 13:17	WG1594964
1,2-Dichloropropane	U		0.00193	0.00679	1	12/20/2020 13:17	WG1594964
1,1-Dichloropropene	U		0.00110	0.00339	1	12/20/2020 13:17	WG1594964
1,3-Dichloropropane	U		0.000680	0.00679	1	12/20/2020 13:17	WG1594964
cis-1,3-Dichloropropene	U		0.00103	0.00339	1	12/20/2020 13:17	WG1594964
trans-1,3-Dichloropropene	U		0.00155	0.00679	1	12/20/2020 13:17	WG1594964
2,2-Dichloropropane	U		0.00187	0.00339	1	12/20/2020 13:17	WG1594964
Di-isopropyl ether	U		0.000557	0.00136	1	12/20/2020 13:17	WG1594964
Ethylbenzene	U		0.00100	0.00339	1	12/20/2020 13:17	WG1594964
Hexachloro-1,3-butadiene	U		0.00815	0.0339	1	12/20/2020 13:17	WG1594964
Isopropylbenzene	U		0.000577	0.00339	1	12/20/2020 13:17	WG1594964
p-Isopropyltoluene	U		0.00346	0.00679	1	12/20/2020 13:17	WG1594964
2-Butanone (MEK)	U		0.0862	0.136	1	12/20/2020 13:17	WG1594964
Methylene Chloride	U		0.00901	0.0339	1	12/20/2020 13:17	WG1594964
4-Methyl-2-pentanone (MIBK)	U		0.00310	0.0339	1	12/20/2020 13:17	WG1594964

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000475	0.00136	1	12/20/2020 13:17	WG1594964
Naphthalene	U		0.00663	0.0170	1	12/20/2020 13:17	WG1594964
n-Propylbenzene	U		0.00129	0.00679	1	12/20/2020 13:17	WG1594964
Styrene	U		0.000311	0.0170	1	12/20/2020 13:17	WG1594964
1,1,1,2-Tetrachloroethane	U		0.00129	0.00339	1	12/20/2020 13:17	WG1594964
1,1,2,2-Tetrachloroethane	U		0.000944	0.00339	1	12/20/2020 13:17	WG1594964
1,1,2-Trichlorotrifluoroethane	U		0.00102	0.00339	1	12/20/2020 13:17	WG1594964
Tetrachloroethene	U		0.00122	0.00339	1	12/20/2020 13:17	WG1594964
Toluene	U		0.00176	0.00679	1	12/20/2020 13:17	WG1594964
1,2,3-Trichlorobenzene	U		0.00995	0.0170	1	12/20/2020 13:17	WG1594964
1,2,4-Trichlorobenzene	U		0.00597	0.0170	1	12/20/2020 13:17	WG1594964
1,1,1-Trichloroethane	U		0.00125	0.00339	1	12/20/2020 13:17	WG1594964
1,1,2-Trichloroethane	U		0.000811	0.00339	1	12/20/2020 13:17	WG1594964
Trichloroethene	U		0.000793	0.00136	1	12/20/2020 13:17	WG1594964
Trichlorofluoromethane	U		0.00112	0.00339	1	12/20/2020 13:17	WG1594964
1,2,3-Trichloropropane	U		0.00220	0.0170	1	12/20/2020 13:17	WG1594964
1,2,4-Trimethylbenzene	U		0.00215	0.00679	1	12/20/2020 13:17	WG1594964
1,2,3-Trimethylbenzene	U		0.00215	0.00679	1	12/20/2020 13:17	WG1594964
1,3,5-Trimethylbenzene	U		0.00272	0.00679	1	12/20/2020 13:17	WG1594964
Vinyl chloride	U		0.00157	0.00339	1	12/20/2020 13:17	WG1594964
Xylenes, Total	U		0.00119	0.00882	1	12/20/2020 13:17	WG1594964
(S) Toluene-d8	*117*			*75.0-131*		*12/20/2020 13:17*	WG1594964
(S) Toluene-d8	*109*			*75.0-131*		*12/28/2020 13:15*	WG1597204
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/20/2020 13:17*	WG1594964
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*12/28/2020 13:15*	WG1597204
(S) 1,2-Dichloroethane-d4	*81.4*			*70.0-130*		*12/20/2020 13:17*	WG1594964
(S) 1,2-Dichloroethane-d4	*89.4*			*70.0-130*		*12/28/2020 13:15*	WG1597204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00635	0.0393	1	12/21/2020 12:21	WG1594297
Acenaphthylene	U		0.00553	0.0393	1	12/21/2020 12:21	WG1594297
Anthracene	U		0.00699	0.0393	1	12/21/2020 12:21	WG1594297
Benzo(a)anthracene	U		0.00692	0.0393	1	12/21/2020 12:21	WG1594297
Benzo(b)fluoranthene	U		0.00732	0.0393	1	12/21/2020 12:21	WG1594297
Benzo(k)fluoranthene	U		0.00698	0.0393	1	12/21/2020 12:21	WG1594297
Benzo(g,h,i)perylene	U		0.00718	0.0393	1	12/21/2020 12:21	WG1594297
Benzo(a)pyrene	U		0.00730	0.0393	1	12/21/2020 12:21	WG1594297
Bis(2-chlorethoxy)methane	U		0.0118	0.393	1	12/21/2020 12:21	WG1594297
Bis(2-chloroethyl)ether	U		0.0130	0.393	1	12/21/2020 12:21	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0170	0.393	1	12/21/2020 12:21	WG1594297
4-Bromophenyl-phenylether	U		0.0138	0.393	1	12/21/2020 12:21	WG1594297
2-Chloronaphthalene	U		0.00690	0.0393	1	12/21/2020 12:21	WG1594297
4-Chlorophenyl-phenylether	U		0.0137	0.393	1	12/21/2020 12:21	WG1594297
Chrysene	U		0.00780	0.0393	1	12/21/2020 12:21	WG1594297
Dibenz(a,h)anthracene	U		0.0109	0.0393	1	12/21/2020 12:21	WG1594297
3,3-Dichlorobenzidine	U		0.0145	0.393	1	12/21/2020 12:21	WG1594297
2,4-Dinitrotoluene	U		0.0113	0.393	1	12/21/2020 12:21	WG1594297
2,6-Dinitrotoluene	U		0.0128	0.393	1	12/21/2020 12:21	WG1594297
Fluoranthene	U		0.00708	0.0393	1	12/21/2020 12:21	WG1594297
Fluorene	U		0.00639	0.0393	1	12/21/2020 12:21	WG1594297
Hexachlorobenzene	U		0.0139	0.393	1	12/21/2020 12:21	WG1594297
Hexachloro-1,3-butadiene	U		0.0132	0.393	1	12/21/2020 12:21	WG1594297
Hexachlorocyclopentadiene	U		0.0206	0.393	1	12/21/2020 12:21	WG1594297
Hexachloroethane	U		0.0154	0.393	1	12/21/2020 12:21	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Indeno(1,2,3-cd)pyrene	U		0.0111	0.0393	1	12/21/2020 12:21	WG1594297
Isophorone	U		0.0120	0.393	1	12/21/2020 12:21	WG1594297
Naphthalene	U		0.00985	0.0393	1	12/21/2020 12:21	WG1594297
Nitrobenzene	U		0.0137	0.393	1	12/21/2020 12:21	WG1594297
n-Nitrosodimethylamine	U		0.0582	0.393	1	12/21/2020 12:21	WG1594297
n-Nitrosodiphenylamine	U		0.0297	0.393	1	12/21/2020 12:21	WG1594297
n-Nitrosodi-n-propylamine	U		0.0131	0.393	1	12/21/2020 12:21	WG1594297
Phenanthrene	U		0.00779	0.0393	1	12/21/2020 12:21	WG1594297
Pyridine	U		0.0259	0.393	1	12/21/2020 12:21	WG1594297
Benzylbutyl phthalate	U		0.0123	0.393	1	12/21/2020 12:21	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0497	0.393	1	12/21/2020 12:21	WG1594297
Di-n-butyl phthalate	U		0.0134	0.393	1	12/21/2020 12:21	WG1594297
Diethyl phthalate	U		0.0130	0.393	1	12/21/2020 12:21	WG1594297
Dimethyl phthalate	U		0.0832	0.393	1	12/21/2020 12:21	WG1594297
Di-n-octyl phthalate	U		0.0265	0.393	1	12/21/2020 12:21	WG1594297
Pyrene	U		0.00764	0.0393	1	12/21/2020 12:21	WG1594297
1,2,4-Trichlorobenzene	U		0.0123	0.393	1	12/21/2020 12:21	WG1594297
4-Chloro-3-methylphenol	U		0.0127	0.393	1	12/21/2020 12:21	WG1594297
2-Chlorophenol	U		0.0130	0.393	1	12/21/2020 12:21	WG1594297
2,4-Dichlorophenol	U		0.0114	0.393	1	12/21/2020 12:21	WG1594297
2,4-Dimethylphenol	U		0.0103	0.393	1	12/21/2020 12:21	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0890	0.393	1	12/21/2020 12:21	WG1594297
2,4-Dinitrophenol	U		0.0918	0.393	1	12/21/2020 12:21	WG1594297
2-Methylphenol	U		0.0118	0.393	1	12/21/2020 12:21	WG1594297
3&4-Methyl Phenol	U		0.0123	0.393	1	12/21/2020 12:21	WG1594297
2-Nitrophenol	U		0.0140	0.393	1	12/21/2020 12:21	WG1594297
4-Nitrophenol	U		0.0123	0.393	1	12/21/2020 12:21	WG1594297
Pentachlorophenol	U		0.0106	0.393	1	12/21/2020 12:21	WG1594297
Phenol	U		0.0158	0.393	1	12/21/2020 12:21	WG1594297
2,4,6-Trichlorophenol	U		0.0126	0.393	1	12/21/2020 12:21	WG1594297
2,4,5-Trichlorophenol	U		0.0133	0.393	1	12/21/2020 12:21	WG1594297
(S) 2-Fluorophenol	*62.4*			*12.0-120*		*12/21/2020 12:21*	WG1594297
(S) Phenol-d5	*58.9*			*10.0-120*		*12/21/2020 12:21*	WG1594297
(S) Nitrobenzene-d5	*50.0*			*10.0-122*		*12/21/2020 12:21*	WG1594297
(S) 2-Fluorobiphenyl	*55.4*			*15.0-120*		*12/21/2020 12:21*	WG1594297
(S) 2,4,6-Tribromophenol	*52.4*			*10.0-127*		*12/21/2020 12:21*	WG1594297
(S) p-Terphenyl-d14	*57.0*			*10.0-120*		*12/21/2020 12:21*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.8		1	12/19/2020 06:50	WG1594413

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0354	J	0.0229	0.0508	1	12/24/2020 22:13	WG1595703

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.691	2.54	1	12/21/2020 11:49	WG1594442
Arsenic	4.26		0.658	2.54	1	12/21/2020 11:49	WG1594442
Barium	149		0.108	0.635	1	12/21/2020 11:49	WG1594442
Beryllium	0.610		0.0400	0.254	1	12/21/2020 11:49	WG1594442
Cadmium	0.127	J	0.0598	0.635	1	12/21/2020 11:49	WG1594442
Chromium	27.3		0.169	1.27	1	12/21/2020 11:49	WG1594442
Cobalt	3.92		0.103	1.27	1	12/21/2020 11:49	WG1594442
Copper	9.14		0.508	2.54	1	12/21/2020 11:49	WG1594442
Lead	6.93		0.264	0.635	1	12/21/2020 11:49	WG1594442
Molybdenum	1.01		0.138	0.635	1	12/21/2020 11:49	WG1594442
Nickel	11.4		0.168	2.54	1	12/21/2020 11:49	WG1594442
Selenium	U		0.970	2.54	1	12/21/2020 11:49	WG1594442
Silver	U		0.161	1.27	1	12/21/2020 11:49	WG1594442
Thallium	U		0.500	2.54	1	12/21/2020 11:49	WG1594442
Vanadium	44.0		0.642	2.54	1	12/21/2020 11:49	WG1594442
Zinc	42.9		1.06	6.35	1	12/21/2020 11:49	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	1.04	J	0.931	5.08	1	12/19/2020 20:30	WG1594304
C22-C32 Hydrocarbons	3.26	J	1.69	5.08	1	12/19/2020 20:30	WG1594304
C32-C40 Hydrocarbons	5.32		1.69	5.08	1	12/19/2020 20:30	WG1594304
(S) o-Terphenyl	*74.1*			*18.0-148*		*12/19/2020 20:30*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00891	0.0889	1	12/20/2020 22:37	WG1594405
Dalapon	U		0.0143	0.0889	1	12/20/2020 22:37	WG1594405
2,4-DB	U		0.0377	0.0889	1	12/20/2020 22:37	WG1594405
Dicamba	U		0.0199	0.0889	1	12/20/2020 22:37	WG1594405
Dichloroprop	U		0.0311	0.0889	1	12/20/2020 22:37	WG1594405
Dinoseb	U	J4	0.00885	0.0889	1	12/20/2020 22:37	WG1594405
MCPA	U	J4	0.562	8.25	1	12/20/2020 22:37	WG1594405
MCPP	U	J4	0.466	8.25	1	12/20/2020 22:37	WG1594405
2,4,5-T	U		0.0108	0.0889	1	12/20/2020 22:37	WG1594405
2,4,5-TP (Silvex)	U		0.0136	0.0889	1	12/20/2020 22:37	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*43.8*			*22.0-132*		*12/20/2020 22:37*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0404	0.127	1	12/23/2020 08:03	WG1594288
Bolstar (Sulprofos)	U		0.0189	0.127	1	12/23/2020 08:03	WG1594288
Chlorpyrifos	U		0.0199	0.127	1	12/23/2020 08:03	WG1594288
Coumaphos	U		0.0309	0.127	1	12/23/2020 08:03	WG1594288
Demeton,-O and -S	U		0.00742	0.0889	1	12/23/2020 08:03	WG1594288
Diazinon	U		0.0286	0.127	1	12/23/2020 08:03	WG1594288
Dichlorvos	U		0.0381	0.127	1	12/23/2020 08:03	WG1594288
Dimethoate	U		0.0424	0.127	1	12/23/2020 08:03	WG1594288
Disulfoton	U		0.0323	0.127	1	12/23/2020 08:03	WG1594288
EPN	U		0.0350	0.127	1	12/23/2020 08:03	WG1594288
Ethoprop	U		0.0150	0.127	1	12/23/2020 08:03	WG1594288
Ethyl Parathion	U		0.0208	0.127	1	12/23/2020 08:03	WG1594288
Fensulfothion	U		0.0448	0.127	1	12/23/2020 08:03	WG1594288
Fenthion	U		0.0169	0.127	1	12/23/2020 08:03	WG1594288
Malathion	U		0.0227	0.127	1	12/23/2020 08:03	WG1594288
Merphos	U		0.0295	0.127	1	12/23/2020 08:03	WG1594288
Methyl parathion	U		0.0258	0.127	1	12/23/2020 08:03	WG1594288
Mevinphos	U		0.0292	0.127	1	12/23/2020 08:03	WG1594288
Naled	U		0.0609	0.127	1	12/23/2020 08:03	WG1594288
Phorate	U		0.0267	0.127	1	12/23/2020 08:03	WG1594288
Ronnel	U		0.0189	0.127	1	12/23/2020 08:03	WG1594288
Stirophos	U		0.0226	0.127	1	12/23/2020 08:03	WG1594288
Sulfotep	U		0.0125	0.127	1	12/23/2020 08:03	WG1594288
TEPP	U		0.199	1.27	1	12/23/2020 08:03	WG1594288
Tokuthion (Prothothiofos)	U		0.0190	0.127	1	12/23/2020 08:03	WG1594288
Trichloronate	U		0.0255	0.127	1	12/23/2020 08:03	WG1594288
(S) Triphenyl Phosphate	*75.3*			*36.0-121*		*12/23/2020 08:03*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00477	0.0254	1	12/24/2020 12:01	WG1597034
Alpha BHC	U		0.00467	0.0254	1	12/24/2020 12:01	WG1597034
Beta BHC	U		0.00481	0.0254	1	12/24/2020 12:01	WG1597034
Delta BHC	U		0.00439	0.0254	1	12/24/2020 12:01	WG1597034
Gamma BHC	U		0.00437	0.0254	1	12/24/2020 12:01	WG1597034
4,4-DDD	0.00573	J	0.00470	0.0254	1	12/24/2020 12:01	WG1597034
4,4-DDE	0.0143	J	0.00465	0.0254	1	12/24/2020 12:01	WG1597034
4,4-DDT	U		0.00796	0.0254	1	12/24/2020 12:01	WG1597034
Dieldrin	U		0.00437	0.0254	1	12/24/2020 12:01	WG1597034
Endosulfan I	U		0.00461	0.0254	1	12/24/2020 12:01	WG1597034
Endosulfan II	U		0.00425	0.0254	1	12/24/2020 12:01	WG1597034
Endosulfan sulfate	U		0.00462	0.0254	1	12/24/2020 12:01	WG1597034
Endrin	U		0.00444	0.0254	1	12/24/2020 12:01	WG1597034
Endrin aldehyde	U		0.00430	0.0254	1	12/24/2020 12:01	WG1597034
Endrin ketone	U		0.00903	0.0254	1	12/24/2020 12:01	WG1597034
Heptachlor	U		0.00543	0.0254	1	12/24/2020 12:01	WG1597034
Heptachlor epoxide	U		0.00430	0.0254	1	12/24/2020 12:01	WG1597034
Hexachlorobenzene	U		0.00439	0.0254	1	12/24/2020 12:01	WG1597034
Methoxychlor	U		0.00615	0.0254	1	12/24/2020 12:01	WG1597034
Chlordane	0.184	J	0.131	0.381	1	12/24/2020 12:01	WG1597034
Toxaphene	U		0.157	0.508	1	12/24/2020 12:01	WG1597034
(S) Decachlorobiphenyl	*73.4*			*10.0-135*		*12/24/2020 12:01*	WG1597034
(S) Tetrachloro-m-xylene	*92.7*			*10.0-139*		*12/24/2020 12:01*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.8		1	12/19/2020 06:50	WG1594413

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.18	3.55	26.3	12/28/2020 07:37	WG1597145
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*77.0-120*		*12/28/2020 07:37*	WG1597145

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	J4	0.0517	0.0709	1.05	12/20/2020 17:28	WG1595002
Acrylonitrile	U		0.00512	0.0177	1.05	12/20/2020 17:28	WG1595002
Benzene	U		0.000661	0.00142	1.05	12/20/2020 17:28	WG1595002
Bromobenzene	U		0.00128	0.0177	1.05	12/20/2020 17:28	WG1595002
Bromodichloromethane	U		0.00103	0.00355	1.05	12/20/2020 17:28	WG1595002
Bromoform	U		0.00166	0.0355	1.05	12/20/2020 17:28	WG1595002
Bromomethane	U		0.00279	0.0177	1.05	12/20/2020 17:28	WG1595002
n-Butylbenzene	U		0.00744	0.0177	1.05	12/20/2020 17:28	WG1595002
sec-Butylbenzene	U		0.00408	0.0177	1.05	12/20/2020 17:28	WG1595002
tert-Butylbenzene	U		0.00277	0.00709	1.05	12/20/2020 17:28	WG1595002
Carbon tetrachloride	U		0.00127	0.00709	1.05	12/20/2020 17:28	WG1595002
Chlorobenzene	U		0.000298	0.00355	1.05	12/20/2020 17:28	WG1595002
Chlorodibromomethane	U		0.000868	0.00355	1.05	12/20/2020 17:28	WG1595002
Chloroethane	U		0.00242	0.00709	1.05	12/20/2020 17:28	WG1595002
Chloroform	U		0.00146	0.00355	1.05	12/20/2020 17:28	WG1595002
Chloromethane	U		0.00617	0.0177	1.05	12/20/2020 17:28	WG1595002
2-Chlorotoluene	U		0.00123	0.00355	1.05	12/20/2020 17:28	WG1595002
4-Chlorotoluene	U		0.000638	0.00709	1.05	12/20/2020 17:28	WG1595002
1,2-Dibromo-3-Chloropropane	U		0.00552	0.0355	1.05	12/20/2020 17:28	WG1595002
1,2-Dibromoethane	U		0.000918	0.00355	1.05	12/20/2020 17:28	WG1595002
Dibromomethane	U		0.00106	0.00709	1.05	12/20/2020 17:28	WG1595002
1,2-Dichlorobenzene	U		0.000602	0.00709	1.05	12/20/2020 17:28	WG1595002
1,3-Dichlorobenzene	U		0.000850	0.00709	1.05	12/20/2020 17:28	WG1595002
1,4-Dichlorobenzene	U		0.000992	0.00709	1.05	12/20/2020 17:28	WG1595002
Dichlorodifluoromethane	U		0.00228	0.00355	1.05	12/20/2020 17:28	WG1595002
1,1-Dichloroethane	U		0.000697	0.00355	1.05	12/20/2020 17:28	WG1595002
1,2-Dichloroethane	U		0.000919	0.00355	1.05	12/20/2020 17:28	WG1595002
1,1-Dichloroethene	U		0.000859	0.00355	1.05	12/20/2020 17:28	WG1595002
cis-1,2-Dichloroethene	U		0.00104	0.00355	1.05	12/20/2020 17:28	WG1595002
trans-1,2-Dichloroethene	U		0.00147	0.00709	1.05	12/20/2020 17:28	WG1595002
1,2-Dichloropropane	U		0.00201	0.00709	1.05	12/20/2020 17:28	WG1595002
1,1-Dichloropropene	U		0.00115	0.00355	1.05	12/20/2020 17:28	WG1595002
1,3-Dichloropropane	U		0.000710	0.00709	1.05	12/20/2020 17:28	WG1595002
cis-1,3-Dichloropropene	U		0.00107	0.00355	1.05	12/20/2020 17:28	WG1595002
trans-1,3-Dichloropropene	U		0.00162	0.00709	1.05	12/20/2020 17:28	WG1595002
2,2-Dichloropropane	U		0.00196	0.00355	1.05	12/20/2020 17:28	WG1595002
Di-isopropyl ether	U		0.000582	0.00142	1.05	12/20/2020 17:28	WG1595002
Ethylbenzene	U		0.00104	0.00355	1.05	12/20/2020 17:28	WG1595002
Hexachloro-1,3-butadiene	U		0.00850	0.0355	1.05	12/20/2020 17:28	WG1595002
Isopropylbenzene	U		0.000602	0.00355	1.05	12/20/2020 17:28	WG1595002
p-Isopropyltoluene	U		0.00362	0.00709	1.05	12/20/2020 17:28	WG1595002
2-Butanone (MEK)	U		0.0900	0.142	1.05	12/20/2020 17:28	WG1595002
Methylene Chloride	U		0.00941	0.0355	1.05	12/20/2020 17:28	WG1595002
4-Methyl-2-pentanone (MIBK)	U		0.00323	0.0355	1.05	12/20/2020 17:28	WG1595002

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000497	0.00142	1.05	12/20/2020 17:28	WG1595002
Naphthalene	U		0.00691	0.0177	1.05	12/20/2020 17:28	WG1595002
n-Propylbenzene	U		0.00135	0.00709	1.05	12/20/2020 17:28	WG1595002
Styrene	U		0.000324	0.0177	1.05	12/20/2020 17:28	WG1595002
1,1,1,2-Tetrachloroethane	U		0.00134	0.00355	1.05	12/20/2020 17:28	WG1595002
1,1,2,2-Tetrachloroethane	U		0.000985	0.00355	1.05	12/20/2020 17:28	WG1595002
1,1,2-Trichlorotrifluoroethane	U		0.00107	0.00355	1.05	12/20/2020 17:28	WG1595002
Tetrachloroethene	U		0.00127	0.00355	1.05	12/20/2020 17:28	WG1595002
Toluene	U		0.00184	0.00709	1.05	12/20/2020 17:28	WG1595002
1,2,3-Trichlorobenzene	U		0.0104	0.0177	1.05	12/20/2020 17:28	WG1595002
1,2,4-Trichlorobenzene	U		0.00624	0.0177	1.05	12/20/2020 17:28	WG1595002
1,1,1-Trichloroethane	U		0.00131	0.00355	1.05	12/20/2020 17:28	WG1595002
1,1,2-Trichloroethane	U		0.000846	0.00355	1.05	12/20/2020 17:28	WG1595002
Trichloroethene	U		0.000827	0.00142	1.05	12/20/2020 17:28	WG1595002
Trichlorofluoromethane	U		0.00117	0.00355	1.05	12/20/2020 17:28	WG1595002
1,2,3-Trichloropropane	U		0.00229	0.0177	1.05	12/20/2020 17:28	WG1595002
1,2,4-Trimethylbenzene	U		0.00224	0.00709	1.05	12/20/2020 17:28	WG1595002
1,2,3-Trimethylbenzene	U		0.00224	0.00709	1.05	12/20/2020 17:28	WG1595002
1,3,5-Trimethylbenzene	U		0.00283	0.00709	1.05	12/20/2020 17:28	WG1595002
Vinyl chloride	U		0.00165	0.00355	1.05	12/20/2020 17:28	WG1595002
Xylenes, Total	U		0.00125	0.00922	1.05	12/20/2020 17:28	WG1595002
(S) Toluene-d8	*102*			*75.0-131*		*12/20/2020 17:28*	WG1595002
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/20/2020 17:28*	WG1595002
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*12/20/2020 17:28*	WG1595002

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00636	0.0393	1	12/21/2020 12:01	WG1594297
Acenaphthylene	U		0.00553	0.0393	1	12/21/2020 12:01	WG1594297
Anthracene	U		0.00700	0.0393	1	12/21/2020 12:01	WG1594297
Benzo(a)anthracene	U		0.00692	0.0393	1	12/21/2020 12:01	WG1594297
Benzo(b)fluoranthene	U		0.00733	0.0393	1	12/21/2020 12:01	WG1594297
Benzo(k)fluoranthene	U		0.00698	0.0393	1	12/21/2020 12:01	WG1594297
Benzo(g,h,i)perylene	U		0.00718	0.0393	1	12/21/2020 12:01	WG1594297
Benzo(a)pyrene	U		0.00730	0.0393	1	12/21/2020 12:01	WG1594297
Bis(2-chlorethoxy)methane	U		0.0118	0.393	1	12/21/2020 12:01	WG1594297
Bis(2-chloroethyl)ether	U		0.0130	0.393	1	12/21/2020 12:01	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0170	0.393	1	12/21/2020 12:01	WG1594297
4-Bromophenyl-phenylether	U		0.0138	0.393	1	12/21/2020 12:01	WG1594297
2-Chloronaphthalene	U		0.00690	0.0393	1	12/21/2020 12:01	WG1594297
4-Chlorophenyl-phenylether	U		0.0137	0.393	1	12/21/2020 12:01	WG1594297
Chrysene	U		0.00781	0.0393	1	12/21/2020 12:01	WG1594297
Dibenz(a,h)anthracene	U		0.0109	0.0393	1	12/21/2020 12:01	WG1594297
3,3-Dichlorobenzidine	U		0.0145	0.393	1	12/21/2020 12:01	WG1594297
2,4-Dinitrotoluene	U		0.0113	0.393	1	12/21/2020 12:01	WG1594297
2,6-Dinitrotoluene	U		0.0129	0.393	1	12/21/2020 12:01	WG1594297
Fluoranthene	U		0.00709	0.0393	1	12/21/2020 12:01	WG1594297
Fluorene	U		0.00639	0.0393	1	12/21/2020 12:01	WG1594297
Hexachlorobenzene	U		0.0139	0.393	1	12/21/2020 12:01	WG1594297
Hexachloro-1,3-butadiene	U		0.0132	0.393	1	12/21/2020 12:01	WG1594297
Hexachlorocyclopentadiene	U		0.0206	0.393	1	12/21/2020 12:01	WG1594297
Hexachloroethane	U		0.0155	0.393	1	12/21/2020 12:01	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0111	0.0393	1	12/21/2020 12:01	WG1594297
Isophorone	U		0.0120	0.393	1	12/21/2020 12:01	WG1594297
Naphthalene	U		0.00986	0.0393	1	12/21/2020 12:01	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0137	0.393	1	12/21/2020 12:01	WG1594297
n-Nitrosodimethylamine	U		0.0583	0.393	1	12/21/2020 12:01	WG1594297
n-Nitrosodiphenylamine	U		0.0297	0.393	1	12/21/2020 12:01	WG1594297
n-Nitrosodi-n-propylamine	U		0.0131	0.393	1	12/21/2020 12:01	WG1594297
Phenanthrene	U		0.00780	0.0393	1	12/21/2020 12:01	WG1594297
Pyridine	U		0.0260	0.393	1	12/21/2020 12:01	WG1594297
Benzylbutyl phthalate	U		0.0123	0.393	1	12/21/2020 12:01	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0498	0.393	1	12/21/2020 12:01	WG1594297
Di-n-butyl phthalate	U		0.0134	0.393	1	12/21/2020 12:01	WG1594297
Diethyl phthalate	U		0.0130	0.393	1	12/21/2020 12:01	WG1594297
Dimethyl phthalate	U		0.0833	0.393	1	12/21/2020 12:01	WG1594297
Di-n-octyl phthalate	U		0.0265	0.393	1	12/21/2020 12:01	WG1594297
Pyrene	U		0.00764	0.0393	1	12/21/2020 12:01	WG1594297
1,2,4-Trichlorobenzene	U		0.0123	0.393	1	12/21/2020 12:01	WG1594297
4-Chloro-3-methylphenol	U		0.0127	0.393	1	12/21/2020 12:01	WG1594297
2-Chlorophenol	U		0.0130	0.393	1	12/21/2020 12:01	WG1594297
2,4-Dichlorophenol	U		0.0114	0.393	1	12/21/2020 12:01	WG1594297
2,4-Dimethylphenol	U		0.0103	0.393	1	12/21/2020 12:01	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0891	0.393	1	12/21/2020 12:01	WG1594297
2,4-Dinitrophenol	U		0.0919	0.393	1	12/21/2020 12:01	WG1594297
2-Methylphenol	U		0.0118	0.393	1	12/21/2020 12:01	WG1594297
3&4-Methyl Phenol	U		0.0123	0.393	1	12/21/2020 12:01	WG1594297
2-Nitrophenol	U		0.0140	0.393	1	12/21/2020 12:01	WG1594297
4-Nitrophenol	U		0.0123	0.393	1	12/21/2020 12:01	WG1594297
Pentachlorophenol	U		0.0106	0.393	1	12/21/2020 12:01	WG1594297
Phenol	U		0.0158	0.393	1	12/21/2020 12:01	WG1594297
2,4,6-Trichlorophenol	U		0.0126	0.393	1	12/21/2020 12:01	WG1594297
2,4,5-Trichlorophenol	U		0.0133	0.393	1	12/21/2020 12:01	WG1594297
(S) 2-Fluorophenol	*46.4*			*12.0-120*		*12/21/2020 12:01*	WG1594297
(S) Phenol-d5	*43.8*			*10.0-120*		*12/21/2020 12:01*	WG1594297
(S) Nitrobenzene-d5	*38.0*			*10.0-122*		*12/21/2020 12:01*	WG1594297
(S) 2-Fluorobiphenyl	*39.6*			*15.0-120*		*12/21/2020 12:01*	WG1594297
(S) 2,4,6-Tribromophenol	*38.9*			*10.0-127*		*12/21/2020 12:01*	WG1594297
(S) p-Terphenyl-d14	*42.4*			*10.0-120*		*12/21/2020 12:01*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.3		1	12/19/2020 06:50	WG1594413

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0206	0.0458	1	12/24/2020 21:41	WG1595703

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.623	2.29	1	12/21/2020 11:52	WG1594442
Arsenic	3.58		0.594	2.29	1	12/21/2020 11:52	WG1594442
Barium	144		0.0976	0.573	1	12/21/2020 11:52	WG1594442
Beryllium	0.549		0.0361	0.229	1	12/21/2020 11:52	WG1594442
Cadmium	0.101	J	0.0540	0.573	1	12/21/2020 11:52	WG1594442
Chromium	42.5		0.152	1.15	1	12/21/2020 11:52	WG1594442
Cobalt	9.09		0.0929	1.15	1	12/21/2020 11:52	WG1594442
Copper	12.2		0.458	2.29	1	12/21/2020 11:52	WG1594442
Lead	4.23		0.238	0.573	1	12/21/2020 11:52	WG1594442
Molybdenum	U		0.125	0.573	1	12/21/2020 11:52	WG1594442
Nickel	33.1		0.151	2.29	1	12/21/2020 11:52	WG1594442
Selenium	U		0.875	2.29	1	12/21/2020 11:52	WG1594442
Silver	U		0.146	1.15	1	12/21/2020 11:52	WG1594442
Thallium	U		0.451	2.29	1	12/21/2020 11:52	WG1594442
Vanadium	63.5		0.580	2.29	1	12/21/2020 11:52	WG1594442
Zinc	39.2		0.953	5.73	1	12/21/2020 11:52	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	1.90	J	0.840	4.58	1	12/19/2020 20:45	WG1594304
C22-C32 Hydrocarbons	9.29		1.52	4.58	1	12/19/2020 20:45	WG1594304
C32-C40 Hydrocarbons	19.1		1.52	4.58	1	12/19/2020 20:45	WG1594304
(S) o-Terphenyl	*75.2*			*18.0-148*		*12/19/2020 20:45*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00804	0.0802	1	12/20/2020 22:51	WG1594405
Dalapon	U		0.0129	0.0802	1	12/20/2020 22:51	WG1594405
2,4-DB	U		0.0340	0.0802	1	12/20/2020 22:51	WG1594405
Dicamba	U		0.0180	0.0802	1	12/20/2020 22:51	WG1594405
Dichloroprop	U		0.0281	0.0802	1	12/20/2020 22:51	WG1594405
Dinoseb	U	J4	0.00799	0.0802	1	12/20/2020 22:51	WG1594405
MCPA	U	J4	0.508	7.45	1	12/20/2020 22:51	WG1594405
MCPP	U	J4	0.421	7.45	1	12/20/2020 22:51	WG1594405
2,4,5-T	U		0.00976	0.0802	1	12/20/2020 22:51	WG1594405
2,4,5-TP (Silvex)	U		0.0123	0.0802	1	12/20/2020 22:51	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*44.1*			*22.0-132*		*12/20/2020 22:51*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0364	0.115	1	12/23/2020 08:36	WG1594288
Bolstar (Sulprofos)	U		0.0171	0.115	1	12/23/2020 08:36	WG1594288
Chlorpyrifos	U		0.0180	0.115	1	12/23/2020 08:36	WG1594288
Coumaphos	U		0.0278	0.115	1	12/23/2020 08:36	WG1594288
Demeton,-O and -S	U		0.00669	0.0802	1	12/23/2020 08:36	WG1594288
Diazinon	U		0.0258	0.115	1	12/23/2020 08:36	WG1594288
Dichlorvos	U		0.0344	0.115	1	12/23/2020 08:36	WG1594288
Dimethoate	U		0.0383	0.115	1	12/23/2020 08:36	WG1594288
Disulfoton	U		0.0291	0.115	1	12/23/2020 08:36	WG1594288
EPN	U		0.0316	0.115	1	12/23/2020 08:36	WG1594288
Ethoprop	U		0.0135	0.115	1	12/23/2020 08:36	WG1594288
Ethyl Parathion	U		0.0188	0.115	1	12/23/2020 08:36	WG1594288
Fensulfothion	U		0.0404	0.115	1	12/23/2020 08:36	WG1594288
Fenthion	U		0.0152	0.115	1	12/23/2020 08:36	WG1594288
Malathion	U		0.0205	0.115	1	12/23/2020 08:36	WG1594288
Merphos	U		0.0266	0.115	1	12/23/2020 08:36	WG1594288
Methyl parathion	U		0.0233	0.115	1	12/23/2020 08:36	WG1594288
Mevinphos	U		0.0264	0.115	1	12/23/2020 08:36	WG1594288
Naled	U		0.0550	0.115	1	12/23/2020 08:36	WG1594288
Phorate	U		0.0241	0.115	1	12/23/2020 08:36	WG1594288
Ronnel	U		0.0171	0.115	1	12/23/2020 08:36	WG1594288
Stirophos	U		0.0204	0.115	1	12/23/2020 08:36	WG1594288
Sulfotep	U		0.0113	0.115	1	12/23/2020 08:36	WG1594288
TEPP	U		0.180	1.15	1	12/23/2020 08:36	WG1594288
Tokuthion (Prothothiofos)	U		0.0172	0.115	1	12/23/2020 08:36	WG1594288
Trichloronate	U		0.0230	0.115	1	12/23/2020 08:36	WG1594288
(S) Triphenyl Phosphate	*84.2*			*36.0-121*		*12/23/2020 08:36*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00431	0.0229	1	12/24/2020 12:15	WG1597034
Alpha BHC	U		0.00422	0.0229	1	12/24/2020 12:15	WG1597034
Beta BHC	U		0.00434	0.0229	1	12/24/2020 12:15	WG1597034
Delta BHC	U		0.00396	0.0229	1	12/24/2020 12:15	WG1597034
Gamma BHC	U		0.00394	0.0229	1	12/24/2020 12:15	WG1597034
4,4-DDD	U		0.00424	0.0229	1	12/24/2020 12:15	WG1597034
4,4-DDE	0.00683	J	0.00419	0.0229	1	12/24/2020 12:15	WG1597034
4,4-DDT	U		0.00718	0.0229	1	12/24/2020 12:15	WG1597034
Dieldrin	U		0.00394	0.0229	1	12/24/2020 12:15	WG1597034
Endosulfan I	U		0.00416	0.0229	1	12/24/2020 12:15	WG1597034
Endosulfan II	U		0.00384	0.0229	1	12/24/2020 12:15	WG1597034
Endosulfan sulfate	U		0.00417	0.0229	1	12/24/2020 12:15	WG1597034
Endrin	U		0.00401	0.0229	1	12/24/2020 12:15	WG1597034
Endrin aldehyde	U		0.00388	0.0229	1	12/24/2020 12:15	WG1597034
Endrin ketone	U		0.00815	0.0229	1	12/24/2020 12:15	WG1597034
Heptachlor	U		0.00490	0.0229	1	12/24/2020 12:15	WG1597034
Heptachlor epoxide	U		0.00388	0.0229	1	12/24/2020 12:15	WG1597034
Hexachlorobenzene	U		0.00396	0.0229	1	12/24/2020 12:15	WG1597034
Methoxychlor	U		0.00555	0.0229	1	12/24/2020 12:15	WG1597034
Chlordane	U		0.118	0.344	1	12/24/2020 12:15	WG1597034
Toxaphene	U		0.142	0.458	1	12/24/2020 12:15	WG1597034
(S) Decachlorobiphenyl	*107*			*10.0-135*		*12/24/2020 12:15*	WG1597034
(S) Tetrachloro-m-xylene	*111*			*10.0-139*		*12/24/2020 12:15*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.8		1	12/19/2020 06:50	WG1594413

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.67	J	1.06	3.19	25	12/24/2020 15:12	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.1*			*77.0-120*		*12/24/2020 15:12*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	J4	0.0466	0.0639	1	12/20/2020 17:47	WG1595002
Acrylonitrile	U		0.00461	0.0160	1	12/20/2020 17:47	WG1595002
Benzene	U		0.000597	0.00128	1	12/20/2020 17:47	WG1595002
Bromobenzene	U		0.00115	0.0160	1	12/20/2020 17:47	WG1595002
Bromodichloromethane	U		0.000926	0.00319	1	12/20/2020 17:47	WG1595002
Bromoform	U		0.00149	0.0319	1	12/20/2020 17:47	WG1595002
Bromomethane	U		0.00252	0.0160	1	12/20/2020 17:47	WG1595002
n-Butylbenzene	U		0.00671	0.0160	1	12/20/2020 17:47	WG1595002
sec-Butylbenzene	U		0.00368	0.0160	1	12/20/2020 17:47	WG1595002
tert-Butylbenzene	U		0.00249	0.00639	1	12/20/2020 17:47	WG1595002
Carbon tetrachloride	U		0.00115	0.00639	1	12/20/2020 17:47	WG1595002
Chlorobenzene	U		0.000268	0.00319	1	12/20/2020 17:47	WG1595002
Chlorodibromomethane	U		0.000782	0.00319	1	12/20/2020 17:47	WG1595002
Chloroethane	U		0.00217	0.00639	1	12/20/2020 17:47	WG1595002
Chloroform	U		0.00132	0.00319	1	12/20/2020 17:47	WG1595002
Chloromethane	U		0.00556	0.0160	1	12/20/2020 17:47	WG1595002
2-Chlorotoluene	U		0.00110	0.00319	1	12/20/2020 17:47	WG1595002
4-Chlorotoluene	U		0.000575	0.00639	1	12/20/2020 17:47	WG1595002
1,2-Dibromo-3-Chloropropane	U		0.00498	0.0319	1	12/20/2020 17:47	WG1595002
1,2-Dibromoethane	U		0.000828	0.00319	1	12/20/2020 17:47	WG1595002
Dibromomethane	U		0.000958	0.00639	1	12/20/2020 17:47	WG1595002
1,2-Dichlorobenzene	U		0.000543	0.00639	1	12/20/2020 17:47	WG1595002
1,3-Dichlorobenzene	U		0.000766	0.00639	1	12/20/2020 17:47	WG1595002
1,4-Dichlorobenzene	U		0.000894	0.00639	1	12/20/2020 17:47	WG1595002
Dichlorodifluoromethane	U		0.00206	0.00319	1	12/20/2020 17:47	WG1595002
1,1-Dichloroethane	U		0.000627	0.00319	1	12/20/2020 17:47	WG1595002
1,2-Dichloroethane	U		0.000829	0.00319	1	12/20/2020 17:47	WG1595002
1,1-Dichloroethene	U		0.000774	0.00319	1	12/20/2020 17:47	WG1595002
cis-1,2-Dichloroethene	U		0.000938	0.00319	1	12/20/2020 17:47	WG1595002
trans-1,2-Dichloroethene	U		0.00133	0.00639	1	12/20/2020 17:47	WG1595002
1,2-Dichloropropane	U		0.00181	0.00639	1	12/20/2020 17:47	WG1595002
1,1-Dichloropropene	U		0.00103	0.00319	1	12/20/2020 17:47	WG1595002
1,3-Dichloropropane	U		0.000640	0.00639	1	12/20/2020 17:47	WG1595002
cis-1,3-Dichloropropene	U		0.000967	0.00319	1	12/20/2020 17:47	WG1595002
trans-1,3-Dichloropropene	U		0.00146	0.00639	1	12/20/2020 17:47	WG1595002
2,2-Dichloropropane	U		0.00176	0.00319	1	12/20/2020 17:47	WG1595002
Di-isopropyl ether	U		0.000524	0.00128	1	12/20/2020 17:47	WG1595002
Ethylbenzene	U		0.000941	0.00319	1	12/20/2020 17:47	WG1595002
Hexachloro-1,3-butadiene	U		0.00766	0.0319	1	12/20/2020 17:47	WG1595002
Isopropylbenzene	U		0.000543	0.00319	1	12/20/2020 17:47	WG1595002
p-Isopropyltoluene	U		0.00326	0.00639	1	12/20/2020 17:47	WG1595002
2-Butanone (MEK)	U		0.0811	0.128	1	12/20/2020 17:47	WG1595002
Methylene Chloride	U		0.00848	0.0319	1	12/20/2020 17:47	WG1595002
4-Methyl-2-pentanone (MIBK)	U		0.00291	0.0319	1	12/20/2020 17:47	WG1595002

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000447	0.00128	1	12/20/2020 17:47	WG1595002
Naphthalene	U		0.00623	0.0160	1	12/20/2020 17:47	WG1595002
n-Propylbenzene	U		0.00121	0.00639	1	12/20/2020 17:47	WG1595002
Styrene	U		0.000293	0.0160	1	12/20/2020 17:47	WG1595002
1,1,1,2-Tetrachloroethane	U		0.00121	0.00319	1	12/20/2020 17:47	WG1595002
1,1,2,2-Tetrachloroethane	U		0.000888	0.00319	1	12/20/2020 17:47	WG1595002
1,1,2-Trichlorotrifluoroethane	U		0.000963	0.00319	1	12/20/2020 17:47	WG1595002
Tetrachloroethene	U		0.00114	0.00319	1	12/20/2020 17:47	WG1595002
Toluene	U		0.00166	0.00639	1	12/20/2020 17:47	WG1595002
1,2,3-Trichlorobenzene	U		0.00936	0.0160	1	12/20/2020 17:47	WG1595002
1,2,4-Trichlorobenzene	U		0.00562	0.0160	1	12/20/2020 17:47	WG1595002
1,1,1-Trichloroethane	U		0.00118	0.00319	1	12/20/2020 17:47	WG1595002
1,1,2-Trichloroethane	U		0.000763	0.00319	1	12/20/2020 17:47	WG1595002
Trichloroethene	U		0.000746	0.00128	1	12/20/2020 17:47	WG1595002
Trichlorofluoromethane	U		0.00106	0.00319	1	12/20/2020 17:47	WG1595002
1,2,3-Trichloropropane	U		0.00207	0.0160	1	12/20/2020 17:47	WG1595002
1,2,4-Trimethylbenzene	U		0.00202	0.00639	1	12/20/2020 17:47	WG1595002
1,2,3-Trimethylbenzene	U		0.00202	0.00639	1	12/20/2020 17:47	WG1595002
1,3,5-Trimethylbenzene	U		0.00255	0.00639	1	12/20/2020 17:47	WG1595002
Vinyl chloride	U		0.00148	0.00319	1	12/20/2020 17:47	WG1595002
Xylenes, Total	U		0.00112	0.00830	1	12/20/2020 17:47	WG1595002
(S) Toluene-d8	*103*			*75.0-131*		*12/20/2020 17:47*	WG1595002
(S) 4-Bromofluorobenzene	*98.0*			*67.0-138*		*12/20/2020 17:47*	WG1595002
(S) 1,2-Dichloroethane-d4	*84.1*			*70.0-130*		*12/20/2020 17:47*	WG1595002

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00614	0.0379	1	12/21/2020 11:40	WG1594297
Acenaphthylene	U		0.00534	0.0379	1	12/21/2020 11:40	WG1594297
Anthracene	U		0.00675	0.0379	1	12/21/2020 11:40	WG1594297
Benzo(a)anthracene	U		0.00668	0.0379	1	12/21/2020 11:40	WG1594297
Benzo(b)fluoranthene	U		0.00707	0.0379	1	12/21/2020 11:40	WG1594297
Benzo(k)fluoranthene	U		0.00674	0.0379	1	12/21/2020 11:40	WG1594297
Benzo(g,h,i)perylene	U		0.00693	0.0379	1	12/21/2020 11:40	WG1594297
Benzo(a)pyrene	U		0.00705	0.0379	1	12/21/2020 11:40	WG1594297
Bis(2-chlorethoxy)methane	U		0.0114	0.379	1	12/21/2020 11:40	WG1594297
Bis(2-chloroethyl)ether	U		0.0125	0.379	1	12/21/2020 11:40	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0164	0.379	1	12/21/2020 11:40	WG1594297
4-Bromophenyl-phenylether	U		0.0133	0.379	1	12/21/2020 11:40	WG1594297
2-Chloronaphthalene	U		0.00666	0.0379	1	12/21/2020 11:40	WG1594297
4-Chlorophenyl-phenylether	U		0.0132	0.379	1	12/21/2020 11:40	WG1594297
Chrysene	U		0.00754	0.0379	1	12/21/2020 11:40	WG1594297
Dibenz(a,h)anthracene	U		0.0105	0.0379	1	12/21/2020 11:40	WG1594297
3,3-Dichlorobenzidine	U		0.0140	0.379	1	12/21/2020 11:40	WG1594297
2,4-Dinitrotoluene	U		0.0109	0.379	1	12/21/2020 11:40	WG1594297
2,6-Dinitrotoluene	U		0.0124	0.379	1	12/21/2020 11:40	WG1594297
Fluoranthene	U		0.00684	0.0379	1	12/21/2020 11:40	WG1594297
Fluorene	U		0.00617	0.0379	1	12/21/2020 11:40	WG1594297
Hexachlorobenzene	U		0.0134	0.379	1	12/21/2020 11:40	WG1594297
Hexachloro-1,3-butadiene	U		0.0128	0.379	1	12/21/2020 11:40	WG1594297
Hexachlorocyclopentadiene	U		0.0199	0.379	1	12/21/2020 11:40	WG1594297
Hexachloroethane	U		0.0149	0.379	1	12/21/2020 11:40	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0107	0.0379	1	12/21/2020 11:40	WG1594297
Isophorone	U		0.0116	0.379	1	12/21/2020 11:40	WG1594297
Naphthalene	U		0.00952	0.0379	1	12/21/2020 11:40	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0132	0.379	1	12/21/2020 11:40	WG1594297
n-Nitrosodimethylamine	U		0.0563	0.379	1	12/21/2020 11:40	WG1594297
n-Nitrosodiphenylamine	U		0.0287	0.379	1	12/21/2020 11:40	WG1594297
n-Nitrosodi-n-propylamine	U		0.0126	0.379	1	12/21/2020 11:40	WG1594297
Phenanthrene	U		0.00753	0.0379	1	12/21/2020 11:40	WG1594297
Pyridine	U		0.0251	0.379	1	12/21/2020 11:40	WG1594297
Benzylbutyl phthalate	U		0.0118	0.379	1	12/21/2020 11:40	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0481	0.379	1	12/21/2020 11:40	WG1594297
Di-n-butyl phthalate	U		0.0130	0.379	1	12/21/2020 11:40	WG1594297
Diethyl phthalate	U		0.0125	0.379	1	12/21/2020 11:40	WG1594297
Dimethyl phthalate	U		0.0804	0.379	1	12/21/2020 11:40	WG1594297
Di-n-octyl phthalate	U		0.0256	0.379	1	12/21/2020 11:40	WG1594297
Pyrene	U		0.00738	0.0379	1	12/21/2020 11:40	WG1594297
1,2,4-Trichlorobenzene	U		0.0118	0.379	1	12/21/2020 11:40	WG1594297
4-Chloro-3-methylphenol	U		0.0123	0.379	1	12/21/2020 11:40	WG1594297
2-Chlorophenol	U		0.0125	0.379	1	12/21/2020 11:40	WG1594297
2,4-Dichlorophenol	U		0.0110	0.379	1	12/21/2020 11:40	WG1594297
2,4-Dimethylphenol	U		0.00991	0.379	1	12/21/2020 11:40	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0860	0.379	1	12/21/2020 11:40	WG1594297
2,4-Dinitrophenol	U		0.0887	0.379	1	12/21/2020 11:40	WG1594297
2-Methylphenol	U		0.0114	0.379	1	12/21/2020 11:40	WG1594297
3&4-Methyl Phenol	U		0.0118	0.379	1	12/21/2020 11:40	WG1594297
2-Nitrophenol	U		0.0136	0.379	1	12/21/2020 11:40	WG1594297
4-Nitrophenol	U		0.0118	0.379	1	12/21/2020 11:40	WG1594297
Pentachlorophenol	U		0.0102	0.379	1	12/21/2020 11:40	WG1594297
Phenol	U		0.0153	0.379	1	12/21/2020 11:40	WG1594297
2,4,6-Trichlorophenol	U		0.0122	0.379	1	12/21/2020 11:40	WG1594297
2,4,5-Trichlorophenol	U		0.0129	0.379	1	12/21/2020 11:40	WG1594297
(S) 2-Fluorophenol	*62.2*			*12.0-120*		*12/21/2020 11:40*	WG1594297
(S) Phenol-d5	*57.1*			*10.0-120*		*12/21/2020 11:40*	WG1594297
(S) Nitrobenzene-d5	*49.1*			*10.0-122*		*12/21/2020 11:40*	WG1594297
(S) 2-Fluorobiphenyl	*53.1*			*15.0-120*		*12/21/2020 11:40*	WG1594297
(S) 2,4,6-Tribromophenol	*48.1*			*10.0-127*		*12/21/2020 11:40*	WG1594297
(S) p-Terphenyl-d14	*53.1*			*10.0-120*		*12/21/2020 11:40*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.9		1	12/19/2020 06:50	WG1594413

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0354	J	0.0200	0.0445	1	01/02/2021 02:05	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.605	2.22	1	12/21/2020 12:00	WG1594442
Arsenic	3.00		0.576	2.22	1	12/21/2020 12:00	WG1594442
Barium	126		0.0947	0.556	1	12/21/2020 12:00	WG1594442
Beryllium	0.476		0.0350	0.222	1	12/21/2020 12:00	WG1594442
Cadmium	0.0853	J	0.0524	0.556	1	12/21/2020 12:00	WG1594442
Chromium	36.1		0.148	1.11	1	12/21/2020 12:00	WG1594442
Cobalt	21.4		0.0902	1.11	1	12/21/2020 12:00	WG1594442
Copper	13.0		0.445	2.22	1	12/21/2020 12:00	WG1594442
Lead	4.54		0.231	0.556	1	12/21/2020 12:00	WG1594442
Molybdenum	U		0.121	0.556	1	12/21/2020 12:00	WG1594442
Nickel	29.0		0.147	2.22	1	12/21/2020 12:00	WG1594442
Selenium	U		0.850	2.22	1	12/21/2020 12:00	WG1594442
Silver	U		0.141	1.11	1	12/21/2020 12:00	WG1594442
Thallium	U		0.438	2.22	1	12/21/2020 12:00	WG1594442
Vanadium	59.4		0.563	2.22	1	12/21/2020 12:00	WG1594442
Zinc	35.7		0.925	5.56	1	12/21/2020 12:00	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	1.53	J	0.815	4.45	1	12/19/2020 20:59	WG1594304
C22-C32 Hydrocarbons	7.16		1.48	4.45	1	12/19/2020 20:59	WG1594304
C32-C40 Hydrocarbons	7.86		1.48	4.45	1	12/19/2020 20:59	WG1594304
(S) o-Terphenyl	*77.1*			*18.0-148*		*12/19/2020 20:59*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00781	0.0778	1	12/20/2020 23:06	WG1594405
Dalapon	U		0.0126	0.0778	1	12/20/2020 23:06	WG1594405
2,4-DB	U		0.0330	0.0778	1	12/20/2020 23:06	WG1594405
Dicamba	U		0.0175	0.0778	1	12/20/2020 23:06	WG1594405
Dichloroprop	U		0.0272	0.0778	1	12/20/2020 23:06	WG1594405
Dinoseb	U	J4	0.00775	0.0778	1	12/20/2020 23:06	WG1594405
MCPA	U	J4	0.493	7.23	1	12/20/2020 23:06	WG1594405
MCPP	U	J4	0.408	7.23	1	12/20/2020 23:06	WG1594405
2,4,5-T	U		0.00947	0.0778	1	12/20/2020 23:06	WG1594405
2,4,5-TP (Silvex)	U		0.0119	0.0778	1	12/20/2020 23:06	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*46.7*			*22.0-132*		*12/20/2020 23:06*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0354	0.111	1	12/23/2020 09:09	WG1594288
Bolstar (Sulprofos)	U		0.0166	0.111	1	12/23/2020 09:09	WG1594288
Chlorpyrifos	U		0.0175	0.111	1	12/23/2020 09:09	WG1594288
Coumaphos	U		0.0270	0.111	1	12/23/2020 09:09	WG1594288
Demeton,-O and -S	U		0.00649	0.0778	1	12/23/2020 09:09	WG1594288
Diazinon	U		0.0250	0.111	1	12/23/2020 09:09	WG1594288
Dichlorvos	U		0.0334	0.111	1	12/23/2020 09:09	WG1594288
Dimethoate	U		0.0371	0.111	1	12/23/2020 09:09	WG1594288
Disulfoton	U		0.0282	0.111	1	12/23/2020 09:09	WG1594288
EPN	U		0.0307	0.111	1	12/23/2020 09:09	WG1594288
Ethoprop	U		0.0131	0.111	1	12/23/2020 09:09	WG1594288
Ethyl Parathion	U		0.0182	0.111	1	12/23/2020 09:09	WG1594288
Fensulfothion	U		0.0393	0.111	1	12/23/2020 09:09	WG1594288
Fenthion	U		0.0148	0.111	1	12/23/2020 09:09	WG1594288
Malathion	U		0.0199	0.111	1	12/23/2020 09:09	WG1594288
Merphos	U		0.0258	0.111	1	12/23/2020 09:09	WG1594288
Methyl parathion	U		0.0226	0.111	1	12/23/2020 09:09	WG1594288
Mevinphos	U		0.0256	0.111	1	12/23/2020 09:09	WG1594288
Naled	U		0.0534	0.111	1	12/23/2020 09:09	WG1594288
Phorate	U		0.0234	0.111	1	12/23/2020 09:09	WG1594288
Ronnel	U		0.0166	0.111	1	12/23/2020 09:09	WG1594288
Stirophos	U		0.0198	0.111	1	12/23/2020 09:09	WG1594288
Sulfotep	U		0.0110	0.111	1	12/23/2020 09:09	WG1594288
TEPP	U		0.175	1.11	1	12/23/2020 09:09	WG1594288
Tokuthion (Prothothiofos)	U		0.0167	0.111	1	12/23/2020 09:09	WG1594288
Trichloronate	U		0.0224	0.111	1	12/23/2020 09:09	WG1594288
(S) Triphenyl Phosphate	*86.4*			*36.0-121*		*12/23/2020 09:09*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00418	0.0222	1	12/24/2020 12:28	WG1597034
Alpha BHC	U		0.00409	0.0222	1	12/24/2020 12:28	WG1597034
Beta BHC	U		0.00421	0.0222	1	12/24/2020 12:28	WG1597034
Delta BHC	U		0.00385	0.0222	1	12/24/2020 12:28	WG1597034
Gamma BHC	U		0.00383	0.0222	1	12/24/2020 12:28	WG1597034
4,4-DDD	U		0.00411	0.0222	1	12/24/2020 12:28	WG1597034
4,4-DDE	U		0.00407	0.0222	1	12/24/2020 12:28	WG1597034
4,4-DDT	U		0.00697	0.0222	1	12/24/2020 12:28	WG1597034
Dieldrin	U		0.00383	0.0222	1	12/24/2020 12:28	WG1597034
Endosulfan I	U		0.00404	0.0222	1	12/24/2020 12:28	WG1597034
Endosulfan II	U		0.00373	0.0222	1	12/24/2020 12:28	WG1597034
Endosulfan sulfate	U		0.00405	0.0222	1	12/24/2020 12:28	WG1597034
Endrin	U		0.00389	0.0222	1	12/24/2020 12:28	WG1597034
Endrin aldehyde	U		0.00377	0.0222	1	12/24/2020 12:28	WG1597034
Endrin ketone	U		0.00791	0.0222	1	12/24/2020 12:28	WG1597034
Heptachlor	U		0.00476	0.0222	1	12/24/2020 12:28	WG1597034
Heptachlor epoxide	U		0.00377	0.0222	1	12/24/2020 12:28	WG1597034
Hexachlorobenzene	U		0.00385	0.0222	1	12/24/2020 12:28	WG1597034
Methoxychlor	U		0.00538	0.0222	1	12/24/2020 12:28	WG1597034
Chlordane	U		0.115	0.334	1	12/24/2020 12:28	WG1597034
Toxaphene	U		0.138	0.445	1	12/24/2020 12:28	WG1597034
(S) Decachlorobiphenyl	*97.4*			*10.0-135*		*12/24/2020 12:28*	WG1597034
(S) Tetrachloro-m-xylene	*106*			*10.0-139*		*12/24/2020 12:28*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.9		1	12/19/2020 06:50	WG1594413

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.14	J	1.04	3.12	25	12/24/2020 15:33	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*77.0-120*		*12/24/2020 15:33*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0456	0.0625	1	12/20/2020 11:51	WG1595022
Acrylonitrile	U		0.00451	0.0156	1	12/20/2020 11:51	WG1595022
Benzene	U		0.000583	0.00125	1	12/20/2020 11:51	WG1595022
Bromobenzene	U		0.00112	0.0156	1	12/20/2020 11:51	WG1595022
Bromodichloromethane	U		0.000906	0.00312	1	12/20/2020 11:51	WG1595022
Bromoform	U		0.00146	0.0312	1	12/20/2020 11:51	WG1595022
Bromomethane	U		0.00246	0.0156	1	12/20/2020 11:51	WG1595022
n-Butylbenzene	U		0.00656	0.0156	1	12/20/2020 11:51	WG1595022
sec-Butylbenzene	U		0.00360	0.0156	1	12/20/2020 11:51	WG1595022
tert-Butylbenzene	U		0.00244	0.00625	1	12/20/2020 11:51	WG1595022
Carbon tetrachloride	U		0.00112	0.00625	1	12/20/2020 11:51	WG1595022
Chlorobenzene	U		0.000262	0.00312	1	12/20/2020 11:51	WG1595022
Chlorodibromomethane	U		0.000764	0.00312	1	12/20/2020 11:51	WG1595022
Chloroethane	U		0.00212	0.00625	1	12/20/2020 11:51	WG1595022
Chloroform	U		0.00129	0.00312	1	12/20/2020 11:51	WG1595022
Chloromethane	U		0.00543	0.0156	1	12/20/2020 11:51	WG1595022
2-Chlorotoluene	U		0.00108	0.00312	1	12/20/2020 11:51	WG1595022
4-Chlorotoluene	U		0.000562	0.00625	1	12/20/2020 11:51	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00487	0.0312	1	12/20/2020 11:51	WG1595022
1,2-Dibromoethane	U		0.000809	0.00312	1	12/20/2020 11:51	WG1595022
Dibromomethane	U		0.000937	0.00625	1	12/20/2020 11:51	WG1595022
1,2-Dichlorobenzene	U		0.000531	0.00625	1	12/20/2020 11:51	WG1595022
1,3-Dichlorobenzene	U		0.000749	0.00625	1	12/20/2020 11:51	WG1595022
1,4-Dichlorobenzene	U		0.000874	0.00625	1	12/20/2020 11:51	WG1595022
Dichlorodifluoromethane	U		0.00201	0.00312	1	12/20/2020 11:51	WG1595022
1,1-Dichloroethane	U		0.000613	0.00312	1	12/20/2020 11:51	WG1595022
1,2-Dichloroethane	U		0.000811	0.00312	1	12/20/2020 11:51	WG1595022
1,1-Dichloroethene	U		0.000757	0.00312	1	12/20/2020 11:51	WG1595022
cis-1,2-Dichloroethene	U		0.000917	0.00312	1	12/20/2020 11:51	WG1595022
trans-1,2-Dichloroethene	U		0.00130	0.00625	1	12/20/2020 11:51	WG1595022
1,2-Dichloropropane	U		0.00177	0.00625	1	12/20/2020 11:51	WG1595022
1,1-Dichloropropene	U		0.00101	0.00312	1	12/20/2020 11:51	WG1595022
1,3-Dichloropropane	U		0.000626	0.00625	1	12/20/2020 11:51	WG1595022
cis-1,3-Dichloropropene	U		0.000946	0.00312	1	12/20/2020 11:51	WG1595022
trans-1,3-Dichloropropene	U		0.00142	0.00625	1	12/20/2020 11:51	WG1595022
2,2-Dichloropropane	U		0.00172	0.00312	1	12/20/2020 11:51	WG1595022
Di-isopropyl ether	U		0.000512	0.00125	1	12/20/2020 11:51	WG1595022
Ethylbenzene	U		0.000921	0.00312	1	12/20/2020 11:51	WG1595022
Hexachloro-1,3-butadiene	U		0.00749	0.0312	1	12/20/2020 11:51	WG1595022
Isopropylbenzene	U		0.000531	0.00312	1	12/20/2020 11:51	WG1595022
p-Isopropyltoluene	U		0.00318	0.00625	1	12/20/2020 11:51	WG1595022
2-Butanone (MEK)	U		0.0793	0.125	1	12/20/2020 11:51	WG1595022
Methylene Chloride	U		0.00829	0.0312	1	12/20/2020 11:51	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00285	0.0312	1	12/20/2020 11:51	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000437	0.00125	1	12/20/2020 11:51	WG1595022
Naphthalene	U		0.00610	0.0156	1	12/20/2020 11:51	WG1595022
n-Propylbenzene	U		0.00119	0.00625	1	12/20/2020 11:51	WG1595022
Styrene	U		0.000286	0.0156	1	12/20/2020 11:51	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00118	0.00312	1	12/20/2020 11:51	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000868	0.00312	1	12/20/2020 11:51	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000942	0.00312	1	12/20/2020 11:51	WG1595022
Tetrachloroethene	U		0.00112	0.00312	1	12/20/2020 11:51	WG1595022
Toluene	U		0.00162	0.00625	1	12/20/2020 11:51	WG1595022
1,2,3-Trichlorobenzene	U		0.00916	0.0156	1	12/20/2020 11:51	WG1595022
1,2,4-Trichlorobenzene	U		0.00550	0.0156	1	12/20/2020 11:51	WG1595022
1,1,1-Trichloroethane	U		0.00115	0.00312	1	12/20/2020 11:51	WG1595022
1,1,2-Trichloroethane	U		0.000746	0.00312	1	12/20/2020 11:51	WG1595022
Trichloroethene	U		0.000729	0.00125	1	12/20/2020 11:51	WG1595022
Trichlorofluoromethane	U		0.00103	0.00312	1	12/20/2020 11:51	WG1595022
1,2,3-Trichloropropane	U		0.00202	0.0156	1	12/20/2020 11:51	WG1595022
1,2,4-Trimethylbenzene	U		0.00197	0.00625	1	12/20/2020 11:51	WG1595022
1,2,3-Trimethylbenzene	U		0.00197	0.00625	1	12/20/2020 11:51	WG1595022
1,3,5-Trimethylbenzene	U		0.00250	0.00625	1	12/20/2020 11:51	WG1595022
Vinyl chloride	U		0.00145	0.00312	1	12/20/2020 11:51	WG1595022
Xylenes, Total	U		0.00110	0.00812	1	12/20/2020 11:51	WG1595022
(S) Toluene-d8	*111*			*75.0-131*		*12/20/2020 11:51*	WG1595022
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*		*12/20/2020 11:51*	WG1595022
(S) 1,2-Dichloroethane-d4	*87.4*			*70.0-130*		*12/20/2020 11:51*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00606	0.0374	1	12/21/2020 13:45	WG1594297
Acenaphthylene	U		0.00527	0.0374	1	12/21/2020 13:45	WG1594297
Anthracene	U		0.00667	0.0374	1	12/21/2020 13:45	WG1594297
Benzo(a)anthracene	U		0.00660	0.0374	1	12/21/2020 13:45	WG1594297
Benzo(b)fluoranthene	U		0.00698	0.0374	1	12/21/2020 13:45	WG1594297
Benzo(k)fluoranthene	U		0.00666	0.0374	1	12/21/2020 13:45	WG1594297
Benzo(g,h,i)perylene	U		0.00685	0.0374	1	12/21/2020 13:45	WG1594297
Benzo(a)pyrene	U		0.00696	0.0374	1	12/21/2020 13:45	WG1594297
Bis(2-chlorethoxy)methane	U		0.0112	0.374	1	12/21/2020 13:45	WG1594297
Bis(2-chloroethyl)ether	U		0.0124	0.374	1	12/21/2020 13:45	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0162	0.374	1	12/21/2020 13:45	WG1594297
4-Bromophenyl-phenylether	U		0.0132	0.374	1	12/21/2020 13:45	WG1594297
2-Chloronaphthalene	U		0.00658	0.0374	1	12/21/2020 13:45	WG1594297
4-Chlorophenyl-phenylether	U		0.0130	0.374	1	12/21/2020 13:45	WG1594297
Chrysene	U		0.00744	0.0374	1	12/21/2020 13:45	WG1594297
Dibenz(a,h)anthracene	U		0.0104	0.0374	1	12/21/2020 13:45	WG1594297
3,3-Dichlorobenzidine	U		0.0138	0.374	1	12/21/2020 13:45	WG1594297
2,4-Dinitrotoluene	U		0.0107	0.374	1	12/21/2020 13:45	WG1594297
2,6-Dinitrotoluene	U		0.0123	0.374	1	12/21/2020 13:45	WG1594297
Fluoranthene	U		0.00676	0.0374	1	12/21/2020 13:45	WG1594297
Fluorene	U		0.00609	0.0374	1	12/21/2020 13:45	WG1594297
Hexachlorobenzene	U		0.0133	0.374	1	12/21/2020 13:45	WG1594297
Hexachloro-1,3-butadiene	U		0.0126	0.374	1	12/21/2020 13:45	WG1594297
Hexachlorocyclopentadiene	U		0.0197	0.374	1	12/21/2020 13:45	WG1594297
Hexachloroethane	U		0.0147	0.374	1	12/21/2020 13:45	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0106	0.0374	1	12/21/2020 13:45	WG1594297
Isophorone	U		0.0115	0.374	1	12/21/2020 13:45	WG1594297
Naphthalene	U		0.00940	0.0374	1	12/21/2020 13:45	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0130	0.374	1	12/21/2020 13:45	WG1594297
n-Nitrosodimethylamine	U		0.0555	0.374	1	12/21/2020 13:45	WG1594297
n-Nitrosodiphenylamine	U		0.0283	0.374	1	12/21/2020 13:45	WG1594297
n-Nitrosodi-n-propylamine	U		0.0125	0.374	1	12/21/2020 13:45	WG1594297
Phenanthrene	U		0.00743	0.0374	1	12/21/2020 13:45	WG1594297
Pyridine	U		0.0247	0.374	1	12/21/2020 13:45	WG1594297
Benzylbutyl phthalate	U		0.0117	0.374	1	12/21/2020 13:45	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0474	0.374	1	12/21/2020 13:45	WG1594297
Di-n-butyl phthalate	U		0.0128	0.374	1	12/21/2020 13:45	WG1594297
Diethyl phthalate	U		0.0124	0.374	1	12/21/2020 13:45	WG1594297
Dimethyl phthalate	U		0.0794	0.374	1	12/21/2020 13:45	WG1594297
Di-n-octyl phthalate	U		0.0253	0.374	1	12/21/2020 13:45	WG1594297
Pyrene	U		0.00729	0.0374	1	12/21/2020 13:45	WG1594297
1,2,4-Trichlorobenzene	U		0.0117	0.374	1	12/21/2020 13:45	WG1594297
4-Chloro-3-methylphenol	U		0.0121	0.374	1	12/21/2020 13:45	WG1594297
2-Chlorophenol	U		0.0124	0.374	1	12/21/2020 13:45	WG1594297
2,4-Dichlorophenol	U		0.0109	0.374	1	12/21/2020 13:45	WG1594297
2,4-Dimethylphenol	U		0.00978	0.374	1	12/21/2020 13:45	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0849	0.374	1	12/21/2020 13:45	WG1594297
2,4-Dinitrophenol	U		0.0876	0.374	1	12/21/2020 13:45	WG1594297
2-Methylphenol	U		0.0112	0.374	1	12/21/2020 13:45	WG1594297
3&4-Methyl Phenol	U		0.0117	0.374	1	12/21/2020 13:45	WG1594297
2-Nitrophenol	U		0.0134	0.374	1	12/21/2020 13:45	WG1594297
4-Nitrophenol	U		0.0117	0.374	1	12/21/2020 13:45	WG1594297
Pentachlorophenol	U		0.0101	0.374	1	12/21/2020 13:45	WG1594297
Phenol	U		0.0151	0.374	1	12/21/2020 13:45	WG1594297
2,4,6-Trichlorophenol	U		0.0120	0.374	1	12/21/2020 13:45	WG1594297
2,4,5-Trichlorophenol	U		0.0127	0.374	1	12/21/2020 13:45	WG1594297
(S) 2-Fluorophenol	*60.8*			*12.0-120*		*12/21/2020 13:45*	WG1594297
(S) Phenol-d5	*57.3*			*10.0-120*		*12/21/2020 13:45*	WG1594297
(S) Nitrobenzene-d5	*48.7*			*10.0-122*		*12/21/2020 13:45*	WG1594297
(S) 2-Fluorobiphenyl	*52.2*			*15.0-120*		*12/21/2020 13:45*	WG1594297
(S) 2,4,6-Tribromophenol	*48.9*			*10.0-127*		*12/21/2020 13:45*	WG1594297
(S) p-Terphenyl-d14	*53.8*			*10.0-120*		*12/21/2020 13:45*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.8		1	12/19/2020 06:50	WG1594413

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0992		0.0223	0.0495	1	12/22/2020 11:41	WG1595704

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.673	2.47	1	12/21/2020 21:05	WG1594434
Arsenic	12.5		0.641	2.47	1	12/21/2020 21:05	WG1594434
Barium	327		0.105	0.619	1	12/21/2020 21:05	WG1594434
Beryllium	0.816		0.0390	0.247	1	12/21/2020 21:05	WG1594434
Cadmium	0.406	J	0.0583	0.619	1	12/21/2020 21:05	WG1594434
Chromium	94.7		0.165	1.24	1	12/21/2020 21:05	WG1594434
Cobalt	22.1		0.100	1.24	1	12/21/2020 21:05	WG1594434
Copper	42.8		0.495	2.47	1	12/21/2020 21:05	WG1594434
Lead	13.0		0.257	0.619	1	12/21/2020 21:05	WG1594434
Molybdenum	U		0.135	0.619	1	12/21/2020 21:05	WG1594434
Nickel	132		0.163	2.47	1	12/21/2020 21:05	WG1594434
Selenium	U		0.945	2.47	1	12/21/2020 21:05	WG1594434
Silver	U		0.157	1.24	1	12/21/2020 21:05	WG1594434
Thallium	1.10	J	0.487	2.47	1	12/21/2020 21:05	WG1594434
Vanadium	82.8		0.626	2.47	1	12/21/2020 21:05	WG1594434
Zinc	107		1.03	6.19	1	12/21/2020 21:05	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	8.77		0.907	4.95	1	12/19/2020 21:14	WG1594304
C22-C32 Hydrocarbons	29.8		1.65	4.95	1	12/19/2020 21:14	WG1594304
C32-C40 Hydrocarbons	34.6		1.65	4.95	1	12/19/2020 21:14	WG1594304
(S) o-Terphenyl	*55.9*			*18.0-148*		*12/19/2020 21:14*	WG1594304

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00869	0.0866	1	12/20/2020 23:20	WG1594405
Dalapon	U		0.0140	0.0866	1	12/20/2020 23:20	WG1594405
2,4-DB	U		0.0367	0.0866	1	12/20/2020 23:20	WG1594405
Dicamba	U		0.0194	0.0866	1	12/20/2020 23:20	WG1594405
Dichloroprop	U		0.0303	0.0866	1	12/20/2020 23:20	WG1594405
Dinoseb	U	J4	0.00862	0.0866	1	12/20/2020 23:20	WG1594405
MCPA	U	J4	0.548	8.04	1	12/20/2020 23:20	WG1594405
MCPP	U	J4	0.454	8.04	1	12/20/2020 23:20	WG1594405
2,4,5-T	U		0.0105	0.0866	1	12/20/2020 23:20	WG1594405
2,4,5-TP (Silvex)	U		0.0132	0.0866	1	12/20/2020 23:20	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*37.3*			*22.0-132*		*12/20/2020 23:20*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0393	0.124	1	12/23/2020 09:42	WG1594288
Bolstar (Sulprofos)	U		0.0184	0.124	1	12/23/2020 09:42	WG1594288
Chlorpyrifos	U		0.0194	0.124	1	12/23/2020 09:42	WG1594288
Coumaphos	U		0.0301	0.124	1	12/23/2020 09:42	WG1594288
Demeton,-O and -S	U		0.00723	0.0866	1	12/23/2020 09:42	WG1594288
Diazinon	U		0.0278	0.124	1	12/23/2020 09:42	WG1594288
Dichlorvos	U		0.0371	0.124	1	12/23/2020 09:42	WG1594288
Dimethoate	U		0.0413	0.124	1	12/23/2020 09:42	WG1594288
Disulfoton	U		0.0314	0.124	1	12/23/2020 09:42	WG1594288
EPN	U		0.0341	0.124	1	12/23/2020 09:42	WG1594288
Ethoprop	U		0.0146	0.124	1	12/23/2020 09:42	WG1594288
Ethyl Parathion	U		0.0203	0.124	1	12/23/2020 09:42	WG1594288
Fensulfothion	U		0.0437	0.124	1	12/23/2020 09:42	WG1594288
Fenthion	U		0.0165	0.124	1	12/23/2020 09:42	WG1594288
Malathion	U		0.0221	0.124	1	12/23/2020 09:42	WG1594288
Merphos	U		0.0287	0.124	1	12/23/2020 09:42	WG1594288
Methyl parathion	U		0.0251	0.124	1	12/23/2020 09:42	WG1594288
Mevinphos	U		0.0285	0.124	1	12/23/2020 09:42	WG1594288
Naled	U		0.0594	0.124	1	12/23/2020 09:42	WG1594288
Phorate	U		0.0260	0.124	1	12/23/2020 09:42	WG1594288
Ronnel	U		0.0184	0.124	1	12/23/2020 09:42	WG1594288
Stirophos	U		0.0220	0.124	1	12/23/2020 09:42	WG1594288
Sulfotep	U		0.0122	0.124	1	12/23/2020 09:42	WG1594288
TEPP	U		0.194	1.24	1	12/23/2020 09:42	WG1594288
Tokuthion (Prothothiofos)	U		0.0186	0.124	1	12/23/2020 09:42	WG1594288
Trichloronate	U		0.0249	0.124	1	12/23/2020 09:42	WG1594288
(S) Triphenyl Phosphate	*88.0*			*36.0-121*		*12/23/2020 09:42*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00465	0.0247	1	12/24/2020 13:08	WG1597034
Alpha BHC	U		0.00455	0.0247	1	12/24/2020 13:08	WG1597034
Beta BHC	U		0.00469	0.0247	1	12/24/2020 13:08	WG1597034
Delta BHC	U		0.00428	0.0247	1	12/24/2020 13:08	WG1597034
Gamma BHC	U		0.00426	0.0247	1	12/24/2020 13:08	WG1597034
4,4-DDD	U		0.00458	0.0247	1	12/24/2020 13:08	WG1597034
4,4-DDE	0.0992		0.00453	0.0247	1	12/24/2020 13:08	WG1597034
4,4-DDT	0.0376		0.00776	0.0247	1	12/24/2020 13:08	WG1597034
Dieldrin	0.00590	J	0.00426	0.0247	1	12/24/2020 13:08	WG1597034
Endosulfan I	U		0.00449	0.0247	1	12/24/2020 13:08	WG1597034
Endosulfan II	U		0.00414	0.0247	1	12/24/2020 13:08	WG1597034
Endosulfan sulfate	U		0.00450	0.0247	1	12/24/2020 13:08	WG1597034
Endrin	U		0.00433	0.0247	1	12/24/2020 13:08	WG1597034
Endrin aldehyde	U		0.00419	0.0247	1	12/24/2020 13:08	WG1597034
Endrin ketone	U		0.00880	0.0247	1	12/24/2020 13:08	WG1597034
Heptachlor	U		0.00530	0.0247	1	12/24/2020 13:08	WG1597034
Heptachlor epoxide	U		0.00419	0.0247	1	12/24/2020 13:08	WG1597034
Hexachlorobenzene	U		0.00428	0.0247	1	12/24/2020 13:08	WG1597034
Methoxychlor	U		0.00599	0.0247	1	12/24/2020 13:08	WG1597034
Chlordane	U		0.127	0.371	1	12/24/2020 13:08	WG1597034
Toxaphene	U		0.153	0.495	1	12/24/2020 13:08	WG1597034
(S) Decachlorobiphenyl	*66.6*			*10.0-135*		*12/24/2020 13:08*	WG1597034
(S) Tetrachloro-m-xylene	*70.8*			*10.0-139*		*12/24/2020 13:08*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	12/19/2020 06:50	WG1594413

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.29	J	1.25	3.77	27.3	12/24/2020 15:54	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*77.0-120*		*12/24/2020 15:54*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0549	0.0752	1.09	12/20/2020 12:10	WG1595022
Acrylonitrile	U		0.00543	0.0188	1.09	12/20/2020 12:10	WG1595022
Benzene	U		0.000703	0.00150	1.09	12/20/2020 12:10	WG1595022
Bromobenzene	U		0.00135	0.0188	1.09	12/20/2020 12:10	WG1595022
Bromodichloromethane	U		0.00109	0.00377	1.09	12/20/2020 12:10	WG1595022
Bromoform	U		0.00177	0.0377	1.09	12/20/2020 12:10	WG1595022
Bromomethane	U		0.00297	0.0188	1.09	12/20/2020 12:10	WG1595022
n-Butylbenzene	U		0.00790	0.0188	1.09	12/20/2020 12:10	WG1595022
sec-Butylbenzene	U		0.00433	0.0188	1.09	12/20/2020 12:10	WG1595022
tert-Butylbenzene	U		0.00294	0.00752	1.09	12/20/2020 12:10	WG1595022
Carbon tetrachloride	U		0.00135	0.00752	1.09	12/20/2020 12:10	WG1595022
Chlorobenzene	U		0.000316	0.00377	1.09	12/20/2020 12:10	WG1595022
Chlorodibromomethane	U		0.000921	0.00377	1.09	12/20/2020 12:10	WG1595022
Chloroethane	U		0.00255	0.00752	1.09	12/20/2020 12:10	WG1595022
Chloroform	U		0.00155	0.00377	1.09	12/20/2020 12:10	WG1595022
Chloromethane	U		0.00654	0.0188	1.09	12/20/2020 12:10	WG1595022
2-Chlorotoluene	U		0.00130	0.00377	1.09	12/20/2020 12:10	WG1595022
4-Chlorotoluene	U		0.000678	0.00752	1.09	12/20/2020 12:10	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00587	0.0377	1.09	12/20/2020 12:10	WG1595022
1,2-Dibromoethane	U		0.000975	0.00377	1.09	12/20/2020 12:10	WG1595022
Dibromomethane	U		0.00113	0.00752	1.09	12/20/2020 12:10	WG1595022
1,2-Dichlorobenzene	U		0.000639	0.00752	1.09	12/20/2020 12:10	WG1595022
1,3-Dichlorobenzene	U		0.000903	0.00752	1.09	12/20/2020 12:10	WG1595022
1,4-Dichlorobenzene	U		0.00105	0.00752	1.09	12/20/2020 12:10	WG1595022
Dichlorodifluoromethane	U		0.00242	0.00377	1.09	12/20/2020 12:10	WG1595022
1,1-Dichloroethane	U		0.000739	0.00377	1.09	12/20/2020 12:10	WG1595022
1,2-Dichloroethane	U		0.000976	0.00377	1.09	12/20/2020 12:10	WG1595022
1,1-Dichloroethene	U		0.000912	0.00377	1.09	12/20/2020 12:10	WG1595022
cis-1,2-Dichloroethene	U		0.00110	0.00377	1.09	12/20/2020 12:10	WG1595022
trans-1,2-Dichloroethene	U		0.00156	0.00752	1.09	12/20/2020 12:10	WG1595022
1,2-Dichloropropane	U		0.00214	0.00752	1.09	12/20/2020 12:10	WG1595022
1,1-Dichloropropene	U		0.00122	0.00377	1.09	12/20/2020 12:10	WG1595022
1,3-Dichloropropane	U		0.000754	0.00752	1.09	12/20/2020 12:10	WG1595022
cis-1,3-Dichloropropene	U		0.00114	0.00377	1.09	12/20/2020 12:10	WG1595022
trans-1,3-Dichloropropene	U		0.00171	0.00752	1.09	12/20/2020 12:10	WG1595022
2,2-Dichloropropane	U		0.00207	0.00377	1.09	12/20/2020 12:10	WG1595022
Di-isopropyl ether	U		0.000617	0.00150	1.09	12/20/2020 12:10	WG1595022
Ethylbenzene	U		0.00111	0.00377	1.09	12/20/2020 12:10	WG1595022
Hexachloro-1,3-butadiene	U		0.00903	0.0377	1.09	12/20/2020 12:10	WG1595022
Isopropylbenzene	U		0.000639	0.00377	1.09	12/20/2020 12:10	WG1595022
p-Isopropyltoluene	U		0.00384	0.00752	1.09	12/20/2020 12:10	WG1595022
2-Butanone (MEK)	U		0.0955	0.150	1.09	12/20/2020 12:10	WG1595022
Methylene Chloride	U		0.00999	0.0377	1.09	12/20/2020 12:10	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00344	0.0377	1.09	12/20/2020 12:10	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000526	0.00150	1.09	12/20/2020 12:10	WG1595022
Naphthalene	U		0.00734	0.0188	1.09	12/20/2020 12:10	WG1595022
n-Propylbenzene	U		0.00144	0.00752	1.09	12/20/2020 12:10	WG1595022
Styrene	U		0.000345	0.0188	1.09	12/20/2020 12:10	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00142	0.00377	1.09	12/20/2020 12:10	WG1595022
1,1,2,2-Tetrachloroethane	U		0.00105	0.00377	1.09	12/20/2020 12:10	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00113	0.00377	1.09	12/20/2020 12:10	WG1595022
Tetrachloroethene	U		0.00135	0.00377	1.09	12/20/2020 12:10	WG1595022
Toluene	U		0.00196	0.00752	1.09	12/20/2020 12:10	WG1595022
1,2,3-Trichlorobenzene	U		0.0110	0.0188	1.09	12/20/2020 12:10	WG1595022
1,2,4-Trichlorobenzene	U		0.00663	0.0188	1.09	12/20/2020 12:10	WG1595022
1,1,1-Trichloroethane	U		0.00139	0.00377	1.09	12/20/2020 12:10	WG1595022
1,1,2-Trichloroethane	U		0.000899	0.00377	1.09	12/20/2020 12:10	WG1595022
Trichloroethene	U		0.000879	0.00150	1.09	12/20/2020 12:10	WG1595022
Trichlorofluoromethane	U		0.00124	0.00377	1.09	12/20/2020 12:10	WG1595022
1,2,3-Trichloropropane	U		0.00244	0.0188	1.09	12/20/2020 12:10	WG1595022
1,2,4-Trimethylbenzene	U		0.00237	0.00752	1.09	12/20/2020 12:10	WG1595022
1,2,3-Trimethylbenzene	U		0.00237	0.00752	1.09	12/20/2020 12:10	WG1595022
1,3,5-Trimethylbenzene	U		0.00301	0.00752	1.09	12/20/2020 12:10	WG1595022
Vinyl chloride	U		0.00174	0.00377	1.09	12/20/2020 12:10	WG1595022
Xylenes, Total	U		0.00132	0.00977	1.09	12/20/2020 12:10	WG1595022
(S) Toluene-d8	*110*			*75.0-131*		*12/20/2020 12:10*	WG1595022
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 12:10*	WG1595022
(S) 1,2-Dichloroethane-d4	*80.5*			*70.0-130*		*12/20/2020 12:10*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00646	0.0399	1	12/21/2020 15:50	WG1594297
Acenaphthylene	U		0.00562	0.0399	1	12/21/2020 15:50	WG1594297
Anthracene	U		0.00710	0.0399	1	12/21/2020 15:50	WG1594297
Benzo(a)anthracene	U		0.00703	0.0399	1	12/21/2020 15:50	WG1594297
Benzo(b)fluoranthene	U		0.00744	0.0399	1	12/21/2020 15:50	WG1594297
Benzo(k)fluoranthene	U		0.00709	0.0399	1	12/21/2020 15:50	WG1594297
Benzo(g,h,i)perylene	U		0.00730	0.0399	1	12/21/2020 15:50	WG1594297
Benzo(a)pyrene	U		0.00742	0.0399	1	12/21/2020 15:50	WG1594297
Bis(2-chlorethoxy)methane	U		0.0120	0.399	1	12/21/2020 15:50	WG1594297
Bis(2-chloroethyl)ether	U		0.0132	0.399	1	12/21/2020 15:50	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0173	0.399	1	12/21/2020 15:50	WG1594297
4-Bromophenyl-phenylether	U		0.0140	0.399	1	12/21/2020 15:50	WG1594297
2-Chloronaphthalene	U		0.00701	0.0399	1	12/21/2020 15:50	WG1594297
4-Chlorophenyl-phenylether	U		0.0139	0.399	1	12/21/2020 15:50	WG1594297
Chrysene	U		0.00793	0.0399	1	12/21/2020 15:50	WG1594297
Dibenz(a,h)anthracene	U		0.0111	0.0399	1	12/21/2020 15:50	WG1594297
3,3-Dichlorobenzidine	U		0.0147	0.399	1	12/21/2020 15:50	WG1594297
2,4-Dinitrotoluene	U		0.0114	0.399	1	12/21/2020 15:50	WG1594297
2,6-Dinitrotoluene	U		0.0131	0.399	1	12/21/2020 15:50	WG1594297
Fluoranthene	U		0.00720	0.0399	1	12/21/2020 15:50	WG1594297
Fluorene	U		0.00649	0.0399	1	12/21/2020 15:50	WG1594297
Hexachlorobenzene	U		0.0141	0.399	1	12/21/2020 15:50	WG1594297
Hexachloro-1,3-butadiene	U		0.0134	0.399	1	12/21/2020 15:50	WG1594297
Hexachlorocyclopentadiene	U		0.0210	0.399	1	12/21/2020 15:50	WG1594297
Hexachloroethane	U		0.0157	0.399	1	12/21/2020 15:50	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0113	0.0399	1	12/21/2020 15:50	WG1594297
Isophorone	U		0.0122	0.399	1	12/21/2020 15:50	WG1594297
Naphthalene	U		0.0100	0.0399	1	12/21/2020 15:50	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0139	0.399	1	12/21/2020 15:50	WG1594297
n-Nitrosodimethylamine	U		0.0592	0.399	1	12/21/2020 15:50	WG1594297
n-Nitrosodiphenylamine	U		0.0302	0.399	1	12/21/2020 15:50	WG1594297
n-Nitrosodi-n-propylamine	U		0.0133	0.399	1	12/21/2020 15:50	WG1594297
Phenanthrene	U		0.00792	0.0399	1	12/21/2020 15:50	WG1594297
Pyridine	U		0.0264	0.399	1	12/21/2020 15:50	WG1594297
Benzylbutyl phthalate	U		0.0125	0.399	1	12/21/2020 15:50	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0506	0.399	1	12/21/2020 15:50	WG1594297
Di-n-butyl phthalate	U		0.0137	0.399	1	12/21/2020 15:50	WG1594297
Diethyl phthalate	U		0.0132	0.399	1	12/21/2020 15:50	WG1594297
Dimethyl phthalate	U		0.0846	0.399	1	12/21/2020 15:50	WG1594297
Di-n-octyl phthalate	U		0.0270	0.399	1	12/21/2020 15:50	WG1594297
Pyrene	U		0.00776	0.0399	1	12/21/2020 15:50	WG1594297
1,2,4-Trichlorobenzene	U		0.0125	0.399	1	12/21/2020 15:50	WG1594297
4-Chloro-3-methylphenol	U		0.0129	0.399	1	12/21/2020 15:50	WG1594297
2-Chlorophenol	U		0.0132	0.399	1	12/21/2020 15:50	WG1594297
2,4-Dichlorophenol	U		0.0116	0.399	1	12/21/2020 15:50	WG1594297
2,4-Dimethylphenol	U		0.0104	0.399	1	12/21/2020 15:50	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0905	0.399	1	12/21/2020 15:50	WG1594297
2,4-Dinitrophenol	U		0.0933	0.399	1	12/21/2020 15:50	WG1594297
2-Methylphenol	U		0.0120	0.399	1	12/21/2020 15:50	WG1594297
3&4-Methyl Phenol	U		0.0125	0.399	1	12/21/2020 15:50	WG1594297
2-Nitrophenol	U		0.0143	0.399	1	12/21/2020 15:50	WG1594297
4-Nitrophenol	U		0.0125	0.399	1	12/21/2020 15:50	WG1594297
Pentachlorophenol	U		0.0107	0.399	1	12/21/2020 15:50	WG1594297
Phenol	U		0.0161	0.399	1	12/21/2020 15:50	WG1594297
2,4,6-Trichlorophenol	U		0.0128	0.399	1	12/21/2020 15:50	WG1594297
2,4,5-Trichlorophenol	U		0.0135	0.399	1	12/21/2020 15:50	WG1594297
(S) 2-Fluorophenol	*69.4*			*12.0-120*		*12/21/2020 15:50*	WG1594297
(S) Phenol-d5	*67.4*			*10.0-120*		*12/21/2020 15:50*	WG1594297
(S) Nitrobenzene-d5	*56.8*			*10.0-122*		*12/21/2020 15:50*	WG1594297
(S) 2-Fluorobiphenyl	*59.6*			*15.0-120*		*12/21/2020 15:50*	WG1594297
(S) 2,4,6-Tribromophenol	*59.1*			*10.0-127*		*12/21/2020 15:50*	WG1594297
(S) p-Terphenyl-d14	*59.6*			*10.0-120*		*12/21/2020 15:50*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.8		1	12/19/2020 06:50	WG1594413

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0828		0.0220	0.0489	1	12/22/2020 11:43	WG1595704

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.665	2.44	1	12/21/2020 21:08	WG1594434
Arsenic	7.23		0.633	2.44	1	12/21/2020 21:08	WG1594434
Barium	215		0.104	0.611	1	12/21/2020 21:08	WG1594434
Beryllium	0.660		0.0385	0.244	1	12/21/2020 21:08	WG1594434
Cadmium	0.289	J	0.0576	0.611	1	12/21/2020 21:08	WG1594434
Chromium	76.5		0.163	1.22	1	12/21/2020 21:08	WG1594434
Cobalt	17.9		0.0991	1.22	1	12/21/2020 21:08	WG1594434
Copper	36.4		0.489	2.44	1	12/21/2020 21:08	WG1594434
Lead	12.1		0.254	0.611	1	12/21/2020 21:08	WG1594434
Molybdenum	U		0.133	0.611	1	12/21/2020 21:08	WG1594434
Nickel	94.7		0.161	2.44	1	12/21/2020 21:08	WG1594434
Selenium	U		0.934	2.44	1	12/21/2020 21:08	WG1594434
Silver	U		0.155	1.22	1	12/21/2020 21:08	WG1594434
Thallium	0.771	J	0.482	2.44	1	12/21/2020 21:08	WG1594434
Vanadium	70.3		0.619	2.44	1	12/21/2020 21:08	WG1594434
Zinc	82.7		1.02	6.11	1	12/21/2020 21:08	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	15.3	J	4.49	24.4	5	12/19/2020 22:55	WG1594304
C22-C32 Hydrocarbons	134		8.13	24.4	5	12/19/2020 22:55	WG1594304
C32-C40 Hydrocarbons	110		8.13	24.4	5	12/19/2020 22:55	WG1594304
(S) o-Terphenyl	*67.0*			*18.0-148*		*12/19/2020 22:55*	WG1594304

Sample Narrative:

L1298078-19 WG1594304: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00858	0.0856	1	12/20/2020 23:35	WG1594405
Dalapon	U		0.0138	0.0856	1	12/20/2020 23:35	WG1594405
2,4-DB	U		0.0363	0.0856	1	12/20/2020 23:35	WG1594405
Dicamba	U		0.0192	0.0856	1	12/20/2020 23:35	WG1594405
Dichloroprop	U		0.0300	0.0856	1	12/20/2020 23:35	WG1594405
Dinoseb	U	J4	0.00852	0.0856	1	12/20/2020 23:35	WG1594405
MCPA	U	J4	0.542	7.95	1	12/20/2020 23:35	WG1594405
MCPP	U	J4	0.449	7.95	1	12/20/2020 23:35	WG1594405
2,4,5-T	U		0.0104	0.0856	1	12/20/2020 23:35	WG1594405
2,4,5-TP (Silvex)	U		0.0131	0.0856	1	12/20/2020 23:35	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*43.9*			*22.0-132*		*12/20/2020 23:35*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0389	0.122	1	12/23/2020 10:15	WG1594288
Bolstar (Sulprofos)	U		0.0182	0.122	1	12/23/2020 10:15	WG1594288
Chlorpyrifos	U		0.0192	0.122	1	12/23/2020 10:15	WG1594288
Coumaphos	U		0.0297	0.122	1	12/23/2020 10:15	WG1594288
Demeton,-O and -S	U		0.00714	0.0856	1	12/23/2020 10:15	WG1594288
Diazinon	U		0.0275	0.122	1	12/23/2020 10:15	WG1594288
Dichlorvos	U		0.0367	0.122	1	12/23/2020 10:15	WG1594288
Dimethoate	U		0.0408	0.122	1	12/23/2020 10:15	WG1594288
Disulfoton	U		0.0311	0.122	1	12/23/2020 10:15	WG1594288
EPN	U		0.0337	0.122	1	12/23/2020 10:15	WG1594288
Ethoprop	U		0.0144	0.122	1	12/23/2020 10:15	WG1594288
Ethyl Parathion	U		0.0200	0.122	1	12/23/2020 10:15	WG1594288
Fensulfothion	U		0.0432	0.122	1	12/23/2020 10:15	WG1594288
Fenthion	U		0.0163	0.122	1	12/23/2020 10:15	WG1594288
Malathion	U		0.0219	0.122	1	12/23/2020 10:15	WG1594288
Merphos	U		0.0284	0.122	1	12/23/2020 10:15	WG1594288
Methyl parathion	U		0.0248	0.122	1	12/23/2020 10:15	WG1594288
Mevinphos	U		0.0281	0.122	1	12/23/2020 10:15	WG1594288
Naled	U		0.0587	0.122	1	12/23/2020 10:15	WG1594288
Phorate	U		0.0257	0.122	1	12/23/2020 10:15	WG1594288
Ronnel	U		0.0182	0.122	1	12/23/2020 10:15	WG1594288
Stirophos	U		0.0218	0.122	1	12/23/2020 10:15	WG1594288
Sulfotep	U		0.0121	0.122	1	12/23/2020 10:15	WG1594288
TEPP	U		0.192	1.22	1	12/23/2020 10:15	WG1594288
Tokuthion (Prothothiofos)	U		0.0183	0.122	1	12/23/2020 10:15	WG1594288
Trichloronate	U		0.0246	0.122	1	12/23/2020 10:15	WG1594288
(S) Triphenyl Phosphate	*82.7*			*36.0-121*		*12/23/2020 10:15*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00460	0.0244	1	12/24/2020 13:21	WG1597034
Alpha BHC	U		0.00450	0.0244	1	12/24/2020 13:21	WG1597034
Beta BHC	U		0.00463	0.0244	1	12/24/2020 13:21	WG1597034
Delta BHC	U		0.00423	0.0244	1	12/24/2020 13:21	WG1597034
Gamma BHC	U		0.00421	0.0244	1	12/24/2020 13:21	WG1597034
4,4-DDD	0.0559		0.00452	0.0244	1	12/24/2020 13:21	WG1597034
4,4-DDE	0.197		0.00447	0.0244	1	12/24/2020 13:21	WG1597034
4,4-DDT	0.118		0.00766	0.0244	1	12/24/2020 13:21	WG1597034
Dieldrin	0.0249		0.00421	0.0244	1	12/24/2020 13:21	WG1597034
Endosulfan I	U		0.00444	0.0244	1	12/24/2020 13:21	WG1597034
Endosulfan II	U		0.00410	0.0244	1	12/24/2020 13:21	WG1597034
Endosulfan sulfate	U		0.00445	0.0244	1	12/24/2020 13:21	WG1597034
Endrin	U		0.00428	0.0244	1	12/24/2020 13:21	WG1597034
Endrin aldehyde	U		0.00414	0.0244	1	12/24/2020 13:21	WG1597034
Endrin ketone	U		0.00869	0.0244	1	12/24/2020 13:21	WG1597034
Heptachlor	U		0.00523	0.0244	1	12/24/2020 13:21	WG1597034
Heptachlor epoxide	U		0.00414	0.0244	1	12/24/2020 13:21	WG1597034
Hexachlorobenzene	U		0.00423	0.0244	1	12/24/2020 13:21	WG1597034
Methoxychlor	U		0.00592	0.0244	1	12/24/2020 13:21	WG1597034
Chlordane	U		0.126	0.367	1	12/24/2020 13:21	WG1597034
Toxaphene	U		0.152	0.489	1	12/24/2020 13:21	WG1597034
(S) Decachlorobiphenyl	*104*			*10.0-135*		*12/24/2020 13:21*	WG1597034
(S) Tetrachloro-m-xylene	*111*			*10.0-139*		*12/24/2020 13:21*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.0		1	12/19/2020 09:18	WG1594414

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.21	3.64	25.3	12/24/2020 16:15	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.2*			*77.0-120*		*12/24/2020 16:15*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0530	0.0726	1.01	12/20/2020 12:29	WG1595022
Acrylonitrile	U		0.00525	0.0181	1.01	12/20/2020 12:29	WG1595022
Benzene	U		0.000678	0.00145	1.01	12/20/2020 12:29	WG1595022
Bromobenzene	U		0.00131	0.0181	1.01	12/20/2020 12:29	WG1595022
Bromodichloromethane	U		0.00105	0.00364	1.01	12/20/2020 12:29	WG1595022
Bromoform	U		0.00170	0.0364	1.01	12/20/2020 12:29	WG1595022
Bromomethane	U		0.00286	0.0181	1.01	12/20/2020 12:29	WG1595022
n-Butylbenzene	U		0.00762	0.0181	1.01	12/20/2020 12:29	WG1595022
sec-Butylbenzene	U		0.00418	0.0181	1.01	12/20/2020 12:29	WG1595022
tert-Butylbenzene	U		0.00283	0.00726	1.01	12/20/2020 12:29	WG1595022
Carbon tetrachloride	U		0.00130	0.00726	1.01	12/20/2020 12:29	WG1595022
Chlorobenzene	U		0.000305	0.00364	1.01	12/20/2020 12:29	WG1595022
Chlorodibromomethane	U		0.000888	0.00364	1.01	12/20/2020 12:29	WG1595022
Chloroethane	U		0.00247	0.00726	1.01	12/20/2020 12:29	WG1595022
Chloroform	U		0.00149	0.00364	1.01	12/20/2020 12:29	WG1595022
Chloromethane	U		0.00631	0.0181	1.01	12/20/2020 12:29	WG1595022
2-Chlorotoluene	U		0.00126	0.00364	1.01	12/20/2020 12:29	WG1595022
4-Chlorotoluene	U		0.000654	0.00726	1.01	12/20/2020 12:29	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00566	0.0364	1.01	12/20/2020 12:29	WG1595022
1,2-Dibromoethane	U		0.000940	0.00364	1.01	12/20/2020 12:29	WG1595022
Dibromomethane	U		0.00109	0.00726	1.01	12/20/2020 12:29	WG1595022
1,2-Dichlorobenzene	U		0.000617	0.00726	1.01	12/20/2020 12:29	WG1595022
1,3-Dichlorobenzene	U		0.000871	0.00726	1.01	12/20/2020 12:29	WG1595022
1,4-Dichlorobenzene	U		0.00102	0.00726	1.01	12/20/2020 12:29	WG1595022
Dichlorodifluoromethane	U		0.00234	0.00364	1.01	12/20/2020 12:29	WG1595022
1,1-Dichloroethane	U		0.000713	0.00364	1.01	12/20/2020 12:29	WG1595022
1,2-Dichloroethane	U		0.000941	0.00364	1.01	12/20/2020 12:29	WG1595022
1,1-Dichloroethene	U		0.000880	0.00364	1.01	12/20/2020 12:29	WG1595022
cis-1,2-Dichloroethene	U		0.00107	0.00364	1.01	12/20/2020 12:29	WG1595022
trans-1,2-Dichloroethene	U		0.00151	0.00726	1.01	12/20/2020 12:29	WG1595022
1,2-Dichloropropane	U		0.00206	0.00726	1.01	12/20/2020 12:29	WG1595022
1,1-Dichloropropene	U		0.00117	0.00364	1.01	12/20/2020 12:29	WG1595022
1,3-Dichloropropane	U		0.000727	0.00726	1.01	12/20/2020 12:29	WG1595022
cis-1,3-Dichloropropene	U		0.00110	0.00364	1.01	12/20/2020 12:29	WG1595022
trans-1,3-Dichloropropene	U		0.00165	0.00726	1.01	12/20/2020 12:29	WG1595022
2,2-Dichloropropane	U		0.00200	0.00364	1.01	12/20/2020 12:29	WG1595022
Di-isopropyl ether	U		0.000595	0.00145	1.01	12/20/2020 12:29	WG1595022
Ethylbenzene	U		0.00107	0.00364	1.01	12/20/2020 12:29	WG1595022
Hexachloro-1,3-butadiene	U		0.00871	0.0364	1.01	12/20/2020 12:29	WG1595022
Isopropylbenzene	U		0.000617	0.00364	1.01	12/20/2020 12:29	WG1595022
p-Isopropyltoluene	U		0.00371	0.00726	1.01	12/20/2020 12:29	WG1595022
2-Butanone (MEK)	U		0.0921	0.145	1.01	12/20/2020 12:29	WG1595022
Methylene Chloride	U		0.00964	0.0364	1.01	12/20/2020 12:29	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00331	0.0364	1.01	12/20/2020 12:29	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000507	0.00145	1.01	12/20/2020 12:29	WG1595022
Naphthalene	U		0.00709	0.0181	1.01	12/20/2020 12:29	WG1595022
n-Propylbenzene	U		0.00138	0.00726	1.01	12/20/2020 12:29	WG1595022
Styrene	U		0.000332	0.0181	1.01	12/20/2020 12:29	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00138	0.00364	1.01	12/20/2020 12:29	WG1595022
1,1,2,2-Tetrachloroethane	U		0.00101	0.00364	1.01	12/20/2020 12:29	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00110	0.00364	1.01	12/20/2020 12:29	WG1595022
Tetrachloroethene	U		0.00130	0.00364	1.01	12/20/2020 12:29	WG1595022
Toluene	U		0.00188	0.00726	1.01	12/20/2020 12:29	WG1595022
1,2,3-Trichlorobenzene	U		0.0106	0.0181	1.01	12/20/2020 12:29	WG1595022
1,2,4-Trichlorobenzene	U		0.00638	0.0181	1.01	12/20/2020 12:29	WG1595022
1,1,1-Trichloroethane	U		0.00134	0.00364	1.01	12/20/2020 12:29	WG1595022
1,1,2-Trichloroethane	U		0.000867	0.00364	1.01	12/20/2020 12:29	WG1595022
Trichloroethene	U		0.000848	0.00145	1.01	12/20/2020 12:29	WG1595022
Trichlorofluoromethane	U		0.00120	0.00364	1.01	12/20/2020 12:29	WG1595022
1,2,3-Trichloropropane	U		0.00236	0.0181	1.01	12/20/2020 12:29	WG1595022
1,2,4-Trimethylbenzene	U		0.00230	0.00726	1.01	12/20/2020 12:29	WG1595022
1,2,3-Trimethylbenzene	U		0.00230	0.00726	1.01	12/20/2020 12:29	WG1595022
1,3,5-Trimethylbenzene	U		0.00290	0.00726	1.01	12/20/2020 12:29	WG1595022
Vinyl chloride	U		0.00168	0.00364	1.01	12/20/2020 12:29	WG1595022
Xylenes, Total	U		0.00128	0.00943	1.01	12/20/2020 12:29	WG1595022
(S) Toluene-d8	*108*			*75.0-131*		*12/20/2020 12:29*	WG1595022
(S) 4-Bromofluorobenzene	*98.7*			*67.0-138*		*12/20/2020 12:29*	WG1595022
(S) 1,2-Dichloroethane-d4	*89.1*			*70.0-130*		*12/20/2020 12:29*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00657	0.0406	1	12/21/2020 16:10	WG1594297
Acenaphthylene	U		0.00572	0.0406	1	12/21/2020 16:10	WG1594297
Anthracene	U		0.00723	0.0406	1	12/21/2020 16:10	WG1594297
Benzo(a)anthracene	U		0.00716	0.0406	1	12/21/2020 16:10	WG1594297
Benzo(b)fluoranthene	U		0.00757	0.0406	1	12/21/2020 16:10	WG1594297
Benzo(k)fluoranthene	U		0.00722	0.0406	1	12/21/2020 16:10	WG1594297
Benzo(g,h,i)perylene	U		0.00743	0.0406	1	12/21/2020 16:10	WG1594297
Benzo(a)pyrene	U		0.00755	0.0406	1	12/21/2020 16:10	WG1594297
Bis(2-chlorethoxy)methane	U		0.0122	0.406	1	12/21/2020 16:10	WG1594297
Bis(2-chloroethyl)ether	U		0.0134	0.406	1	12/21/2020 16:10	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0176	0.406	1	12/21/2020 16:10	WG1594297
4-Bromophenyl-phenylether	U		0.0143	0.406	1	12/21/2020 16:10	WG1594297
2-Chloronaphthalene	U		0.00714	0.0406	1	12/21/2020 16:10	WG1594297
4-Chlorophenyl-phenylether	U		0.0141	0.406	1	12/21/2020 16:10	WG1594297
Chrysene	U		0.00807	0.0406	1	12/21/2020 16:10	WG1594297
Dibenz(a,h)anthracene	U		0.0113	0.0406	1	12/21/2020 16:10	WG1594297
3,3-Dichlorobenzidine	U		0.0150	0.406	1	12/21/2020 16:10	WG1594297
2,4-Dinitrotoluene	U		0.0116	0.406	1	12/21/2020 16:10	WG1594297
2,6-Dinitrotoluene	U		0.0133	0.406	1	12/21/2020 16:10	WG1594297
Fluoranthene	U		0.00733	0.0406	1	12/21/2020 16:10	WG1594297
Fluorene	U		0.00661	0.0406	1	12/21/2020 16:10	WG1594297
Hexachlorobenzene	U		0.0144	0.406	1	12/21/2020 16:10	WG1594297
Hexachloro-1,3-butadiene	U		0.0137	0.406	1	12/21/2020 16:10	WG1594297
Hexachlorocyclopentadiene	U		0.0213	0.406	1	12/21/2020 16:10	WG1594297
Hexachloroethane	U		0.0160	0.406	1	12/21/2020 16:10	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0115	0.0406	1	12/21/2020 16:10	WG1594297
Isophorone	U		0.0124	0.406	1	12/21/2020 16:10	WG1594297
Naphthalene	U		0.0102	0.0406	1	12/21/2020 16:10	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0141	0.406	1	12/21/2020 16:10	WG1594297
n-Nitrosodimethylamine	U		0.0603	0.406	1	12/21/2020 16:10	WG1594297
n-Nitrosodiphenylamine	U		0.0307	0.406	1	12/21/2020 16:10	WG1594297
n-Nitrosodi-n-propylamine	U		0.0135	0.406	1	12/21/2020 16:10	WG1594297
Phenanthrene	U		0.00806	0.0406	1	12/21/2020 16:10	WG1594297
Pyridine	U		0.0268	0.406	1	12/21/2020 16:10	WG1594297
Benzylbutyl phthalate	U		0.0127	0.406	1	12/21/2020 16:10	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0515	0.406	1	12/21/2020 16:10	WG1594297
Di-n-butyl phthalate	U		0.0139	0.406	1	12/21/2020 16:10	WG1594297
Diethyl phthalate	U		0.0134	0.406	1	12/21/2020 16:10	WG1594297
Dimethyl phthalate	U		0.0861	0.406	1	12/21/2020 16:10	WG1594297
Di-n-octyl phthalate	U		0.0274	0.406	1	12/21/2020 16:10	WG1594297
Pyrene	U		0.00790	0.0406	1	12/21/2020 16:10	WG1594297
1,2,4-Trichlorobenzene	U		0.0127	0.406	1	12/21/2020 16:10	WG1594297
4-Chloro-3-methylphenol	U		0.0132	0.406	1	12/21/2020 16:10	WG1594297
2-Chlorophenol	U		0.0134	0.406	1	12/21/2020 16:10	WG1594297
2,4-Dichlorophenol	U		0.0118	0.406	1	12/21/2020 16:10	WG1594297
2,4-Dimethylphenol	U		0.0106	0.406	1	12/21/2020 16:10	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0921	0.406	1	12/21/2020 16:10	WG1594297
2,4-Dinitrophenol	U		0.0950	0.406	1	12/21/2020 16:10	WG1594297
2-Methylphenol	U		0.0122	0.406	1	12/21/2020 16:10	WG1594297
3&4-Methyl Phenol	U		0.0127	0.406	1	12/21/2020 16:10	WG1594297
2-Nitrophenol	U		0.0145	0.406	1	12/21/2020 16:10	WG1594297
4-Nitrophenol	U		0.0127	0.406	1	12/21/2020 16:10	WG1594297
Pentachlorophenol	U		0.0109	0.406	1	12/21/2020 16:10	WG1594297
Phenol	U		0.0163	0.406	1	12/21/2020 16:10	WG1594297
2,4,6-Trichlorophenol	U		0.0131	0.406	1	12/21/2020 16:10	WG1594297
2,4,5-Trichlorophenol	U		0.0138	0.406	1	12/21/2020 16:10	WG1594297
(S) 2-Fluorophenol	*59.7*			*12.0-120*		*12/21/2020 16:10*	WG1594297
(S) Phenol-d5	*56.8*			*10.0-120*		*12/21/2020 16:10*	WG1594297
(S) Nitrobenzene-d5	*49.8*			*10.0-122*		*12/21/2020 16:10*	WG1594297
(S) 2-Fluorobiphenyl	*52.0*			*15.0-120*		*12/21/2020 16:10*	WG1594297
(S) 2,4,6-Tribromophenol	*51.4*			*10.0-127*		*12/21/2020 16:10*	WG1594297
(S) p-Terphenyl-d14	*52.3*			*10.0-120*		*12/21/2020 16:10*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.3		1	12/19/2020 09:18	WG1594414

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0322	J	0.0216	0.0480	1	12/22/2020 11:45	WG1595704

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.653	2.40	1	12/21/2020 19:52	WG1594434
Arsenic	2.56		0.622	2.40	1	12/21/2020 19:52	WG1594434
Barium	67.4		0.102	0.600	1	12/21/2020 19:52	WG1594434
Beryllium	0.216	J	0.0378	0.240	1	12/21/2020 19:52	WG1594434
Cadmium	0.0810	J	0.0566	0.600	1	12/21/2020 19:52	WG1594434
Chromium	13.2		0.160	1.20	1	12/21/2020 19:52	WG1594434
Cobalt	3.85		0.0974	1.20	1	12/21/2020 19:52	WG1594434
Copper	5.72		0.480	2.40	1	12/21/2020 19:52	WG1594434
Lead	5.18		0.250	0.600	1	12/21/2020 19:52	WG1594434
Molybdenum	0.238	J	0.131	0.600	1	12/21/2020 19:52	WG1594434
Nickel	9.47		0.159	2.40	1	12/21/2020 19:52	WG1594434
Selenium	U		0.917	2.40	1	12/21/2020 19:52	WG1594434
Silver	U		0.153	1.20	1	12/21/2020 19:52	WG1594434
Thallium	U		0.473	2.40	1	12/21/2020 19:52	WG1594434
Vanadium	25.1		0.608	2.40	1	12/21/2020 19:52	WG1594434
Zinc	38.2		0.999	6.00	1	12/21/2020 19:52	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	7.59		0.880	4.80	1	12/21/2020 20:57	WG1595061
C22-C32 Hydrocarbons	52.5		1.60	4.80	1	12/21/2020 20:57	WG1595061
C32-C40 Hydrocarbons	44.3		1.60	4.80	1	12/21/2020 20:57	WG1595061
(S) o-Terphenyl	*57.3*			*18.0-148*		*12/21/2020 20:57*	WG1595061

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00843	0.0841	1	12/20/2020 23:49	WG1594405
Dalapon	U		0.0136	0.0841	1	12/20/2020 23:49	WG1594405
2,4-DB	U		0.0357	0.0841	1	12/20/2020 23:49	WG1594405
Dicamba	U		0.0189	0.0841	1	12/20/2020 23:49	WG1594405
Dichloroprop	U		0.0294	0.0841	1	12/20/2020 23:49	WG1594405
Dinoseb	U	J4	0.00837	0.0841	1	12/20/2020 23:49	WG1594405
MCPA	U	J4	0.532	7.81	1	12/20/2020 23:49	WG1594405
MCPP	U	J4	0.441	7.81	1	12/20/2020 23:49	WG1594405
2,4,5-T	U		0.0102	0.0841	1	12/20/2020 23:49	WG1594405
2,4,5-TP (Silvex)	U		0.0128	0.0841	1	12/20/2020 23:49	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*53.2*			*22.0-132*		*12/20/2020 23:49*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0382	0.120	1	12/23/2020 10:49	WG1594288
Bolstar (Sulprofos)	U		0.0179	0.120	1	12/23/2020 10:49	WG1594288
Chlorpyrifos	U		0.0189	0.120	1	12/23/2020 10:49	WG1594288
Coumaphos	U		0.0292	0.120	1	12/23/2020 10:49	WG1594288
Demeton,-O and -S	U		0.00701	0.0841	1	12/23/2020 10:49	WG1594288
Diazinon	U		0.0270	0.120	1	12/23/2020 10:49	WG1594288
Dichlorvos	U		0.0360	0.120	1	12/23/2020 10:49	WG1594288
Dimethoate	U		0.0401	0.120	1	12/23/2020 10:49	WG1594288
Disulfoton	U		0.0305	0.120	1	12/23/2020 10:49	WG1594288
EPN	U		0.0331	0.120	1	12/23/2020 10:49	WG1594288
Ethoprop	U		0.0142	0.120	1	12/23/2020 10:49	WG1594288
Ethyl Parathion	U		0.0197	0.120	1	12/23/2020 10:49	WG1594288
Fensulfothion	U		0.0424	0.120	1	12/23/2020 10:49	WG1594288
Fenthion	U		0.0160	0.120	1	12/23/2020 10:49	WG1594288
Malathion	U		0.0215	0.120	1	12/23/2020 10:49	WG1594288
Merphos	U		0.0279	0.120	1	12/23/2020 10:49	WG1594288
Methyl parathion	U		0.0244	0.120	1	12/23/2020 10:49	WG1594288
Mevinphos	U		0.0276	0.120	1	12/23/2020 10:49	WG1594288
Naled	U		0.0576	0.120	1	12/23/2020 10:49	WG1594288
Phorate	U		0.0252	0.120	1	12/23/2020 10:49	WG1594288
Ronnel	U		0.0179	0.120	1	12/23/2020 10:49	WG1594288
Stirophos	U		0.0214	0.120	1	12/23/2020 10:49	WG1594288
Sulfotep	U		0.0118	0.120	1	12/23/2020 10:49	WG1594288
TEPP	U		0.189	1.20	1	12/23/2020 10:49	WG1594288
Tokuthion (Prothothiofos)	U		0.0180	0.120	1	12/23/2020 10:49	WG1594288
Trichloronate	U		0.0241	0.120	1	12/23/2020 10:49	WG1594288
(S) Triphenyl Phosphate	*75.0*			*36.0-121*		*12/23/2020 10:49*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00452	0.0240	1	12/24/2020 13:34	WG1597034
Alpha BHC	U		0.00442	0.0240	1	12/24/2020 13:34	WG1597034
Beta BHC	U		0.00455	0.0240	1	12/24/2020 13:34	WG1597034
Delta BHC	U		0.00415	0.0240	1	12/24/2020 13:34	WG1597034
Gamma BHC	U		0.00413	0.0240	1	12/24/2020 13:34	WG1597034
4,4-DDD	U		0.00444	0.0240	1	12/24/2020 13:34	WG1597034
4,4-DDE	0.00827	J	0.00440	0.0240	1	12/24/2020 13:34	WG1597034
4,4-DDT	U		0.00753	0.0240	1	12/24/2020 13:34	WG1597034
Dieldrin	U		0.00413	0.0240	1	12/24/2020 13:34	WG1597034
Endosulfan I	U		0.00436	0.0240	1	12/24/2020 13:34	WG1597034
Endosulfan II	U		0.00402	0.0240	1	12/24/2020 13:34	WG1597034
Endosulfan sulfate	U		0.00437	0.0240	1	12/24/2020 13:34	WG1597034
Endrin	U		0.00420	0.0240	1	12/24/2020 13:34	WG1597034
Endrin aldehyde	U		0.00407	0.0240	1	12/24/2020 13:34	WG1597034
Endrin ketone	U		0.00854	0.0240	1	12/24/2020 13:34	WG1597034
Heptachlor	U		0.00514	0.0240	1	12/24/2020 13:34	WG1597034
Heptachlor epoxide	U		0.00407	0.0240	1	12/24/2020 13:34	WG1597034
Hexachlorobenzene	U		0.00415	0.0240	1	12/24/2020 13:34	WG1597034
Methoxychlor	U		0.00581	0.0240	1	12/24/2020 13:34	WG1597034
Chlordane	U		0.124	0.360	1	12/24/2020 13:34	WG1597034
Toxaphene	U		0.149	0.480	1	12/24/2020 13:34	WG1597034
(S) Decachlorobiphenyl	*83.4*			*10.0-135*		*12/24/2020 13:34*	WG1597034
(S) Tetrachloro-m-xylene	*98.3*			*10.0-139*		*12/24/2020 13:34*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.9		1	12/19/2020 09:18	WG1594414

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		0.956	2.88	25	12/24/2020 16:35	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.6*			*77.0-120*		*12/24/2020 16:35*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0420	0.0576	1	12/20/2020 12:48	WG1595022
Acrylonitrile	U		0.00416	0.0144	1	12/20/2020 12:48	WG1595022
Benzene	U		0.000538	0.00115	1	12/20/2020 12:48	WG1595022
Bromobenzene	U		0.00104	0.0144	1	12/20/2020 12:48	WG1595022
Bromodichloromethane	U		0.000835	0.00288	1	12/20/2020 12:48	WG1595022
Bromoform	U		0.00135	0.0288	1	12/20/2020 12:48	WG1595022
Bromomethane	U		0.00227	0.0144	1	12/20/2020 12:48	WG1595022
n-Butylbenzene	U		0.00605	0.0144	1	12/20/2020 12:48	WG1595022
sec-Butylbenzene	U		0.00332	0.0144	1	12/20/2020 12:48	WG1595022
tert-Butylbenzene	U		0.00225	0.00576	1	12/20/2020 12:48	WG1595022
Carbon tetrachloride	U		0.00103	0.00576	1	12/20/2020 12:48	WG1595022
Chlorobenzene	U		0.000242	0.00288	1	12/20/2020 12:48	WG1595022
Chlorodibromomethane	U		0.000705	0.00288	1	12/20/2020 12:48	WG1595022
Chloroethane	U		0.00196	0.00576	1	12/20/2020 12:48	WG1595022
Chloroform	U		0.00119	0.00288	1	12/20/2020 12:48	WG1595022
Chloromethane	U		0.00501	0.0144	1	12/20/2020 12:48	WG1595022
2-Chlorotoluene	U		0.000996	0.00288	1	12/20/2020 12:48	WG1595022
4-Chlorotoluene	U		0.000518	0.00576	1	12/20/2020 12:48	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00449	0.0288	1	12/20/2020 12:48	WG1595022
1,2-Dibromoethane	U		0.000746	0.00288	1	12/20/2020 12:48	WG1595022
Dibromomethane	U		0.000864	0.00576	1	12/20/2020 12:48	WG1595022
1,2-Dichlorobenzene	U		0.000490	0.00576	1	12/20/2020 12:48	WG1595022
1,3-Dichlorobenzene	U		0.000691	0.00576	1	12/20/2020 12:48	WG1595022
1,4-Dichlorobenzene	U		0.000806	0.00576	1	12/20/2020 12:48	WG1595022
Dichlorodifluoromethane	U		0.00185	0.00288	1	12/20/2020 12:48	WG1595022
1,1-Dichloroethane	U		0.000566	0.00288	1	12/20/2020 12:48	WG1595022
1,2-Dichloroethane	U		0.000748	0.00288	1	12/20/2020 12:48	WG1595022
1,1-Dichloroethene	U		0.000698	0.00288	1	12/20/2020 12:48	WG1595022
cis-1,2-Dichloroethene	U		0.000846	0.00288	1	12/20/2020 12:48	WG1595022
trans-1,2-Dichloroethene	U		0.00120	0.00576	1	12/20/2020 12:48	WG1595022
1,2-Dichloropropane	U		0.00164	0.00576	1	12/20/2020 12:48	WG1595022
1,1-Dichloropropene	U		0.000932	0.00288	1	12/20/2020 12:48	WG1595022
1,3-Dichloropropane	U		0.000577	0.00576	1	12/20/2020 12:48	WG1595022
cis-1,3-Dichloropropene	U		0.000872	0.00288	1	12/20/2020 12:48	WG1595022
trans-1,3-Dichloropropene	U		0.00131	0.00576	1	12/20/2020 12:48	WG1595022
2,2-Dichloropropane	U		0.00159	0.00288	1	12/20/2020 12:48	WG1595022
Di-isopropyl ether	U		0.000472	0.00115	1	12/20/2020 12:48	WG1595022
Ethylbenzene	U		0.000849	0.00288	1	12/20/2020 12:48	WG1595022
Hexachloro-1,3-butadiene	U		0.00691	0.0288	1	12/20/2020 12:48	WG1595022
Isopropylbenzene	U		0.000490	0.00288	1	12/20/2020 12:48	WG1595022
p-Isopropyltoluene	U		0.00294	0.00576	1	12/20/2020 12:48	WG1595022
2-Butanone (MEK)	U		0.0731	0.115	1	12/20/2020 12:48	WG1595022
Methylene Chloride	U		0.00765	0.0288	1	12/20/2020 12:48	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00263	0.0288	1	12/20/2020 12:48	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	0.000403	J	0.000403	0.00115	1	12/20/2020 12:48	WG1595022
Naphthalene	U		0.00562	0.0144	1	12/20/2020 12:48	WG1595022
n-Propylbenzene	U		0.00109	0.00576	1	12/20/2020 12:48	WG1595022
Styrene	U		0.000264	0.0144	1	12/20/2020 12:48	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00109	0.00288	1	12/20/2020 12:48	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000801	0.00288	1	12/20/2020 12:48	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000869	0.00288	1	12/20/2020 12:48	WG1595022
Tetrachloroethene	U		0.00103	0.00288	1	12/20/2020 12:48	WG1595022
Toluene	U		0.00150	0.00576	1	12/20/2020 12:48	WG1595022
1,2,3-Trichlorobenzene	U		0.00844	0.0144	1	12/20/2020 12:48	WG1595022
1,2,4-Trichlorobenzene	U		0.00507	0.0144	1	12/20/2020 12:48	WG1595022
1,1,1-Trichloroethane	U		0.00106	0.00288	1	12/20/2020 12:48	WG1595022
1,1,2-Trichloroethane	U		0.000688	0.00288	1	12/20/2020 12:48	WG1595022
Trichloroethene	U		0.000673	0.00115	1	12/20/2020 12:48	WG1595022
Trichlorofluoromethane	U		0.000953	0.00288	1	12/20/2020 12:48	WG1595022
1,2,3-Trichloropropane	U		0.00187	0.0144	1	12/20/2020 12:48	WG1595022
1,2,4-Trimethylbenzene	U		0.00182	0.00576	1	12/20/2020 12:48	WG1595022
1,2,3-Trimethylbenzene	U		0.00182	0.00576	1	12/20/2020 12:48	WG1595022
1,3,5-Trimethylbenzene	U		0.00230	0.00576	1	12/20/2020 12:48	WG1595022
Vinyl chloride	U		0.00134	0.00288	1	12/20/2020 12:48	WG1595022
Xylenes, Total	U		0.00101	0.00749	1	12/20/2020 12:48	WG1595022
(S) Toluene-d8	*107*			*75.0-131*		*12/20/2020 12:48*	WG1595022
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*		*12/20/2020 12:48*	WG1595022
(S) 1,2-Dichloroethane-d4	*83.7*			*70.0-130*		*12/20/2020 12:48*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0580	0.358	10	12/22/2020 03:29	WG1594297
Acenaphthylene	U		0.0505	0.358	10	12/22/2020 03:29	WG1594297
Anthracene	U		0.0638	0.358	10	12/22/2020 03:29	WG1594297
Benzo(a)anthracene	U		0.0632	0.358	10	12/22/2020 03:29	WG1594297
Benzo(b)fluoranthene	U		0.0668	0.358	10	12/22/2020 03:29	WG1594297
Benzo(k)fluoranthene	U		0.0637	0.358	10	12/22/2020 03:29	WG1594297
Benzo(g,h,i)perylene	U		0.0655	0.358	10	12/22/2020 03:29	WG1594297
Benzo(a)pyrene	U		0.0666	0.358	10	12/22/2020 03:29	WG1594297
Bis(2-chlorethoxy)methane	U		0.108	3.58	10	12/22/2020 03:29	WG1594297
Bis(2-chloroethyl)ether	U		0.118	3.58	10	12/22/2020 03:29	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.155	3.58	10	12/22/2020 03:29	WG1594297
4-Bromophenyl-phenylether	U		0.126	3.58	10	12/22/2020 03:29	WG1594297
2-Chloronaphthalene	U		0.0629	0.358	10	12/22/2020 03:29	WG1594297
4-Chlorophenyl-phenylether	U		0.125	3.58	10	12/22/2020 03:29	WG1594297
Chrysene	U		0.0712	0.358	10	12/22/2020 03:29	WG1594297
Dibenz(a,h)anthracene	U		0.0993	0.358	10	12/22/2020 03:29	WG1594297
3,3-Dichlorobenzidine	U		0.132	3.58	10	12/22/2020 03:29	WG1594297
2,4-Dinitrotoluene	U		0.103	3.58	10	12/22/2020 03:29	WG1594297
2,6-Dinitrotoluene	U		0.117	3.58	10	12/22/2020 03:29	WG1594297
Fluoranthene	U		0.0647	0.358	10	12/22/2020 03:29	WG1594297
Fluorene	U		0.0583	0.358	10	12/22/2020 03:29	WG1594297
Hexachlorobenzene	U		0.127	3.58	10	12/22/2020 03:29	WG1594297
Hexachloro-1,3-butadiene	U		0.121	3.58	10	12/22/2020 03:29	WG1594297
Hexachlorocyclopentadiene	U		0.188	3.58	10	12/22/2020 03:29	WG1594297
Hexachloroethane	U		0.141	3.58	10	12/22/2020 03:29	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.101	0.358	10	12/22/2020 03:29	WG1594297
Isophorone	U		0.110	3.58	10	12/22/2020 03:29	WG1594297
Naphthalene	U		0.0899	0.358	10	12/22/2020 03:29	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.125	3.58	10	12/22/2020 03:29	WG1594297
n-Nitrosodimethylamine	U		0.532	3.58	10	12/22/2020 03:29	WG1594297
n-Nitrosodiphenylamine	U		0.271	3.58	10	12/22/2020 03:29	WG1594297
n-Nitrosodi-n-propylamine	U		0.119	3.58	10	12/22/2020 03:29	WG1594297
Phenanthrene	U		0.0711	0.358	10	12/22/2020 03:29	WG1594297
Pyridine	U		0.237	3.58	10	12/22/2020 03:29	WG1594297
Benzylbutyl phthalate	U		0.112	3.58	10	12/22/2020 03:29	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.454	3.58	10	12/22/2020 03:29	WG1594297
Di-n-butyl phthalate	U		0.123	3.58	10	12/22/2020 03:29	WG1594297
Diethyl phthalate	U		0.118	3.58	10	12/22/2020 03:29	WG1594297
Dimethyl phthalate	U		0.760	3.58	10	12/22/2020 03:29	WG1594297
Di-n-octyl phthalate	U		0.242	3.58	10	12/22/2020 03:29	WG1594297
Pyrene	U		0.0697	0.358	10	12/22/2020 03:29	WG1594297
1,2,4-Trichlorobenzene	U		0.112	3.58	10	12/22/2020 03:29	WG1594297
4-Chloro-3-methylphenol	U		0.116	3.58	10	12/22/2020 03:29	WG1594297
2-Chlorophenol	U		0.118	3.58	10	12/22/2020 03:29	WG1594297
2,4-Dichlorophenol	U		0.104	3.58	10	12/22/2020 03:29	WG1594297
2,4-Dimethylphenol	U		0.0936	3.58	10	12/22/2020 03:29	WG1594297
4,6-Dinitro-2-methylphenol	U		0.812	3.58	10	12/22/2020 03:29	WG1594297
2,4-Dinitrophenol	U		0.838	3.58	10	12/22/2020 03:29	WG1594297
2-Methylphenol	U		0.108	3.58	10	12/22/2020 03:29	WG1594297
3&4-Methyl Phenol	U		0.112	3.58	10	12/22/2020 03:29	WG1594297
2-Nitrophenol	U		0.128	3.58	10	12/22/2020 03:29	WG1594297
4-Nitrophenol	U		0.112	3.58	10	12/22/2020 03:29	WG1594297
Pentachlorophenol	U		0.0964	3.58	10	12/22/2020 03:29	WG1594297
Phenol	U		0.144	3.58	10	12/22/2020 03:29	WG1594297
2,4,6-Trichlorophenol	U		0.115	3.58	10	12/22/2020 03:29	WG1594297
2,4,5-Trichlorophenol	U		0.122	3.58	10	12/22/2020 03:29	WG1594297
(S) 2-Fluorophenol	*72.5*			*12.0-120*		*12/22/2020 03:29*	WG1594297
(S) Phenol-d5	*68.9*			*10.0-120*		*12/22/2020 03:29*	WG1594297
(S) Nitrobenzene-d5	*59.8*			*10.0-122*		*12/22/2020 03:29*	WG1594297
(S) 2-Fluorobiphenyl	*60.7*			*15.0-120*		*12/22/2020 03:29*	WG1594297
(S) 2,4,6-Tribromophenol	*64.0*			*10.0-127*		*12/22/2020 03:29*	WG1594297
(S) p-Terphenyl-d14	*64.4*			*10.0-120*		*12/22/2020 03:29*	WG1594297

Sample Narrative:

L1298078-22 WG1594297: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.0		1	12/19/2020 09:18	WG1594414

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0332	J	0.0196	0.0435	1	12/22/2020 11:47	WG1595704

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.592	2.17	1	12/21/2020 19:54	WG1594434
Arsenic	5.25		0.563	2.17	1	12/21/2020 19:54	WG1594434
Barium	118		0.0926	0.544	1	12/21/2020 19:54	WG1594434
Beryllium	0.379		0.0343	0.217	1	12/21/2020 19:54	WG1594434
Cadmium	0.678		0.0512	0.544	1	12/21/2020 19:54	WG1594434
Chromium	31.1		0.145	1.09	1	12/21/2020 19:54	WG1594434
Cobalt	8.22		0.0882	1.09	1	12/21/2020 19:54	WG1594434
Copper	22.3		0.435	2.17	1	12/21/2020 19:54	WG1594434
Lead	24.0		0.226	0.544	1	12/21/2020 19:54	WG1594434
Molybdenum	0.593		0.119	0.544	1	12/21/2020 19:54	WG1594434
Nickel	33.3		0.144	2.17	1	12/21/2020 19:54	WG1594434
Selenium	U		0.831	2.17	1	12/21/2020 19:54	WG1594434
Silver	U		0.138	1.09	1	12/21/2020 19:54	WG1594434
Thallium	0.548	J	0.428	2.17	1	12/21/2020 19:54	WG1594434
Vanadium	44.4		0.550	2.17	1	12/21/2020 19:54	WG1594434
Zinc	58.6		0.905	5.44	1	12/21/2020 19:54	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	20.7	J	3.99	21.7	5	12/22/2020 06:24	WG1595061
C22-C32 Hydrocarbons	199		7.23	21.7	5	12/22/2020 06:24	WG1595061
C32-C40 Hydrocarbons	151		7.23	21.7	5	12/22/2020 06:24	WG1595061
(S) o-Terphenyl	*105*			*18.0-148*		*12/22/2020 06:24*	WG1595061

Sample Narrative:

L1298078-23 WG1595061: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00763	0.0761	1	12/21/2020 00:04	WG1594405
Dalapon	U		0.0123	0.0761	1	12/21/2020 00:04	WG1594405
2,4-DB	U		0.0323	0.0761	1	12/21/2020 00:04	WG1594405
Dicamba	U		0.0171	0.0761	1	12/21/2020 00:04	WG1594405
Dichloroprop	U		0.0266	0.0761	1	12/21/2020 00:04	WG1594405
Dinoseb	U	J4	0.00758	0.0761	1	12/21/2020 00:04	WG1594405
MCPA	U	J4	0.482	7.07	1	12/21/2020 00:04	WG1594405
MCPP	U	J4	0.399	7.07	1	12/21/2020 00:04	WG1594405
2,4,5-T	U		0.00926	0.0761	1	12/21/2020 00:04	WG1594405
2,4,5-TP (Silvex)	U		0.0116	0.0761	1	12/21/2020 00:04	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*41.3*			*22.0-132*		*12/21/2020 00:04*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0346	0.109	1	12/23/2020 11:22	WG1594288
Bolstar (Sulprofos)	U		0.0162	0.109	1	12/23/2020 11:22	WG1594288
Chlorpyrifos	U		0.0171	0.109	1	12/23/2020 11:22	WG1594288
Coumaphos	U		0.0264	0.109	1	12/23/2020 11:22	WG1594288
Demeton,-O and -S	U		0.00635	0.0761	1	12/23/2020 11:22	WG1594288
Diazinon	U		0.0245	0.109	1	12/23/2020 11:22	WG1594288
Dichlorvos	U		0.0326	0.109	1	12/23/2020 11:22	WG1594288
Dimethoate	U		0.0363	0.109	1	12/23/2020 11:22	WG1594288
Disulfoton	U		0.0276	0.109	1	12/23/2020 11:22	WG1594288
EPN	U		0.0300	0.109	1	12/23/2020 11:22	WG1594288
Ethoprop	U		0.0128	0.109	1	12/23/2020 11:22	WG1594288
Ethyl Parathion	U		0.0178	0.109	1	12/23/2020 11:22	WG1594288
Fensulfothion	U		0.0384	0.109	1	12/23/2020 11:22	WG1594288
Fenthion	U		0.0145	0.109	1	12/23/2020 11:22	WG1594288
Malathion	U		0.0195	0.109	1	12/23/2020 11:22	WG1594288
Merphos	U		0.0252	0.109	1	12/23/2020 11:22	WG1594288
Methyl parathion	U		0.0221	0.109	1	12/23/2020 11:22	WG1594288
Mevinphos	U		0.0250	0.109	1	12/23/2020 11:22	WG1594288
Naled	U		0.0522	0.109	1	12/23/2020 11:22	WG1594288
Phorate	U		0.0228	0.109	1	12/23/2020 11:22	WG1594288
Ronnel	U		0.0162	0.109	1	12/23/2020 11:22	WG1594288
Stirophos	U		0.0194	0.109	1	12/23/2020 11:22	WG1594288
Sulfotep	U		0.0107	0.109	1	12/23/2020 11:22	WG1594288
TEPP	U		0.171	1.09	1	12/23/2020 11:22	WG1594288
Tokuthion (Prothothiofos)	U		0.0163	0.109	1	12/23/2020 11:22	WG1594288
Trichloronate	U		0.0219	0.109	1	12/23/2020 11:22	WG1594288
(S) Triphenyl Phosphate	*82.4*			*36.0-121*		*12/23/2020 11:22*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00409	0.0217	1	12/24/2020 13:47	WG1597034
Alpha BHC	U		0.00400	0.0217	1	12/24/2020 13:47	WG1597034
Beta BHC	U		0.00412	0.0217	1	12/24/2020 13:47	WG1597034
Delta BHC	U		0.00376	0.0217	1	12/24/2020 13:47	WG1597034
Gamma BHC	U		0.00374	0.0217	1	12/24/2020 13:47	WG1597034
4,4-DDD	U		0.00402	0.0217	1	12/24/2020 13:47	WG1597034
4,4-DDE	U		0.00398	0.0217	1	12/24/2020 13:47	WG1597034
4,4-DDT	U		0.00682	0.0217	1	12/24/2020 13:47	WG1597034
Dieldrin	U		0.00374	0.0217	1	12/24/2020 13:47	WG1597034
Endosulfan I	U		0.00395	0.0217	1	12/24/2020 13:47	WG1597034
Endosulfan II	U		0.00364	0.0217	1	12/24/2020 13:47	WG1597034
Endosulfan sulfate	U		0.00396	0.0217	1	12/24/2020 13:47	WG1597034
Endrin	U		0.00381	0.0217	1	12/24/2020 13:47	WG1597034
Endrin aldehyde	U		0.00369	0.0217	1	12/24/2020 13:47	WG1597034
Endrin ketone	U		0.00773	0.0217	1	12/24/2020 13:47	WG1597034
Heptachlor	U		0.00465	0.0217	1	12/24/2020 13:47	WG1597034
Heptachlor epoxide	U		0.00369	0.0217	1	12/24/2020 13:47	WG1597034
Hexachlorobenzene	U		0.00376	0.0217	1	12/24/2020 13:47	WG1597034
Methoxychlor	U		0.00526	0.0217	1	12/24/2020 13:47	WG1597034
Chlordane	U		0.112	0.326	1	12/24/2020 13:47	WG1597034
Toxaphene	U		0.135	0.435	1	12/24/2020 13:47	WG1597034
(S) Decachlorobiphenyl	*115*			*10.0-135*		*12/24/2020 13:47*	WG1597034
(S) Tetrachloro-m-xylene	*108*			*10.0-139*		*12/24/2020 13:47*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.2		1	12/19/2020 09:18	WG1594414

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	0.986	J	0.913	2.75	25	12/24/2020 16:56	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*95.4*			*77.0-120*		*12/24/2020 16:56*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0402	0.0550	1	12/20/2020 13:07	WG1595022
Acrylonitrile	U		0.00397	0.0138	1	12/20/2020 13:07	WG1595022
Benzene	U		0.000514	0.00110	1	12/20/2020 13:07	WG1595022
Bromobenzene	U		0.000990	0.0138	1	12/20/2020 13:07	WG1595022
Bromodichloromethane	U		0.000798	0.00275	1	12/20/2020 13:07	WG1595022
Bromoform	U		0.00129	0.0275	1	12/20/2020 13:07	WG1595022
Bromomethane	U		0.00217	0.0138	1	12/20/2020 13:07	WG1595022
n-Butylbenzene	U		0.00578	0.0138	1	12/20/2020 13:07	WG1595022
sec-Butylbenzene	U		0.00317	0.0138	1	12/20/2020 13:07	WG1595022
tert-Butylbenzene	U		0.00215	0.00550	1	12/20/2020 13:07	WG1595022
Carbon tetrachloride	U		0.000988	0.00550	1	12/20/2020 13:07	WG1595022
Chlorobenzene	U		0.000231	0.00275	1	12/20/2020 13:07	WG1595022
Chlorodibromomethane	U		0.000673	0.00275	1	12/20/2020 13:07	WG1595022
Chloroethane	U		0.00187	0.00550	1	12/20/2020 13:07	WG1595022
Chloroform	U		0.00113	0.00275	1	12/20/2020 13:07	WG1595022
Chloromethane	U		0.00479	0.0138	1	12/20/2020 13:07	WG1595022
2-Chlorotoluene	U		0.000952	0.00275	1	12/20/2020 13:07	WG1595022
4-Chlorotoluene	U		0.000495	0.00550	1	12/20/2020 13:07	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00429	0.0275	1	12/20/2020 13:07	WG1595022
1,2-Dibromoethane	U		0.000713	0.00275	1	12/20/2020 13:07	WG1595022
Dibromomethane	U		0.000825	0.00550	1	12/20/2020 13:07	WG1595022
1,2-Dichlorobenzene	U		0.000468	0.00550	1	12/20/2020 13:07	WG1595022
1,3-Dichlorobenzene	U		0.000660	0.00550	1	12/20/2020 13:07	WG1595022
1,4-Dichlorobenzene	U		0.000770	0.00550	1	12/20/2020 13:07	WG1595022
Dichlorodifluoromethane	U		0.00177	0.00275	1	12/20/2020 13:07	WG1595022
1,1-Dichloroethane	U		0.000540	0.00275	1	12/20/2020 13:07	WG1595022
1,2-Dichloroethane	U		0.000714	0.00275	1	12/20/2020 13:07	WG1595022
1,1-Dichloroethene	U		0.000667	0.00275	1	12/20/2020 13:07	WG1595022
cis-1,2-Dichloroethene	U		0.000808	0.00275	1	12/20/2020 13:07	WG1595022
trans-1,2-Dichloroethene	U		0.00114	0.00550	1	12/20/2020 13:07	WG1595022
1,2-Dichloropropane	U		0.00156	0.00550	1	12/20/2020 13:07	WG1595022
1,1-Dichloropropene	U		0.000890	0.00275	1	12/20/2020 13:07	WG1595022
1,3-Dichloropropane	U		0.000551	0.00550	1	12/20/2020 13:07	WG1595022
cis-1,3-Dichloropropene	U		0.000833	0.00275	1	12/20/2020 13:07	WG1595022
trans-1,3-Dichloropropene	U		0.00125	0.00550	1	12/20/2020 13:07	WG1595022
2,2-Dichloropropane	U		0.00152	0.00275	1	12/20/2020 13:07	WG1595022
Di-isopropyl ether	U		0.000451	0.00110	1	12/20/2020 13:07	WG1595022
Ethylbenzene	U		0.000811	0.00275	1	12/20/2020 13:07	WG1595022
Hexachloro-1,3-butadiene	U		0.00660	0.0275	1	12/20/2020 13:07	WG1595022
Isopropylbenzene	U		0.000468	0.00275	1	12/20/2020 13:07	WG1595022
p-Isopropyltoluene	0.00366	J	0.00281	0.00550	1	12/20/2020 13:07	WG1595022
2-Butanone (MEK)	U		0.0699	0.110	1	12/20/2020 13:07	WG1595022
Methylene Chloride	U		0.00731	0.0275	1	12/20/2020 13:07	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00251	0.0275	1	12/20/2020 13:07	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000385	0.00110	1	12/20/2020 13:07	WG1595022
Naphthalene	U		0.00537	0.0138	1	12/20/2020 13:07	WG1595022
n-Propylbenzene	U		0.00105	0.00550	1	12/20/2020 13:07	WG1595022
Styrene	U		0.000252	0.0138	1	12/20/2020 13:07	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00104	0.00275	1	12/20/2020 13:07	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000765	0.00275	1	12/20/2020 13:07	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000830	0.00275	1	12/20/2020 13:07	WG1595022
Tetrachloroethene	U		0.000986	0.00275	1	12/20/2020 13:07	WG1595022
Toluene	U		0.00143	0.00550	1	12/20/2020 13:07	WG1595022
1,2,3-Trichlorobenzene	U		0.00807	0.0138	1	12/20/2020 13:07	WG1595022
1,2,4-Trichlorobenzene	U		0.00484	0.0138	1	12/20/2020 13:07	WG1595022
1,1,1-Trichloroethane	U		0.00102	0.00275	1	12/20/2020 13:07	WG1595022
1,1,2-Trichloroethane	U		0.000657	0.00275	1	12/20/2020 13:07	WG1595022
Trichloroethene	U		0.000643	0.00110	1	12/20/2020 13:07	WG1595022
Trichlorofluoromethane	U		0.000910	0.00275	1	12/20/2020 13:07	WG1595022
1,2,3-Trichloropropane	U		0.00178	0.0138	1	12/20/2020 13:07	WG1595022
1,2,4-Trimethylbenzene	U		0.00174	0.00550	1	12/20/2020 13:07	WG1595022
1,2,3-Trimethylbenzene	U		0.00174	0.00550	1	12/20/2020 13:07	WG1595022
1,3,5-Trimethylbenzene	U		0.00220	0.00550	1	12/20/2020 13:07	WG1595022
Vinyl chloride	U		0.00128	0.00275	1	12/20/2020 13:07	WG1595022
Xylenes, Total	U		0.000968	0.00715	1	12/20/2020 13:07	WG1595022
(S) Toluene-d8	*107*			*75.0-131*		*12/20/2020 13:07*	WG1595022
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/20/2020 13:07*	WG1595022
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*12/20/2020 13:07*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0566	0.350	10	12/22/2020 03:49	WG1594297
Acenaphthylene	U		0.0492	0.350	10	12/22/2020 03:49	WG1594297
Anthracene	U		0.0623	0.350	10	12/22/2020 03:49	WG1594297
Benzo(a)anthracene	U		0.0616	0.350	10	12/22/2020 03:49	WG1594297
Benzo(b)fluoranthene	U		0.0652	0.350	10	12/22/2020 03:49	WG1594297
Benzo(k)fluoranthene	U		0.0622	0.350	10	12/22/2020 03:49	WG1594297
Benzo(g,h,i)perylene	U		0.0639	0.350	10	12/22/2020 03:49	WG1594297
Benzo(a)pyrene	U		0.0650	0.350	10	12/22/2020 03:49	WG1594297
Bis(2-chlorethoxy)methane	U		0.105	3.50	10	12/22/2020 03:49	WG1594297
Bis(2-chloroethyl)ether	U		0.116	3.50	10	12/22/2020 03:49	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.151	3.50	10	12/22/2020 03:49	WG1594297
4-Bromophenyl-phenylether	U		0.123	3.50	10	12/22/2020 03:49	WG1594297
2-Chloronaphthalene	U		0.0614	0.350	10	12/22/2020 03:49	WG1594297
4-Chlorophenyl-phenylether	U		0.122	3.50	10	12/22/2020 03:49	WG1594297
Chrysene	U		0.0695	0.350	10	12/22/2020 03:49	WG1594297
Dibenz(a,h)anthracene	U		0.0969	0.350	10	12/22/2020 03:49	WG1594297
3,3-Dichlorobenzidine	U		0.129	3.50	10	12/22/2020 03:49	WG1594297
2,4-Dinitrotoluene	U		0.100	3.50	10	12/22/2020 03:49	WG1594297
2,6-Dinitrotoluene	U		0.114	3.50	10	12/22/2020 03:49	WG1594297
Fluoranthene	U		0.0631	0.350	10	12/22/2020 03:49	WG1594297
Fluorene	U		0.0569	0.350	10	12/22/2020 03:49	WG1594297
Hexachlorobenzene	U		0.124	3.50	10	12/22/2020 03:49	WG1594297
Hexachloro-1,3-butadiene	U		0.118	3.50	10	12/22/2020 03:49	WG1594297
Hexachlorocyclopentadiene	U		0.184	3.50	10	12/22/2020 03:49	WG1594297
Hexachloroethane	U		0.138	3.50	10	12/22/2020 03:49	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0988	0.350	10	12/22/2020 03:49	WG1594297
Isophorone	U		0.107	3.50	10	12/22/2020 03:49	WG1594297
Naphthalene	U		0.0878	0.350	10	12/22/2020 03:49	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.122	3.50	10	12/22/2020 03:49	WG1594297
n-Nitrosodimethylamine	U		0.519	3.50	10	12/22/2020 03:49	WG1594297
n-Nitrosodiphenylamine	U		0.265	3.50	10	12/22/2020 03:49	WG1594297
n-Nitrosodi-n-propylamine	U		0.117	3.50	10	12/22/2020 03:49	WG1594297
Phenanthrene	U		0.0694	0.350	10	12/22/2020 03:49	WG1594297
Pyridine	U		0.231	3.50	10	12/22/2020 03:49	WG1594297
Benzylbutyl phthalate	U		0.109	3.50	10	12/22/2020 03:49	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.443	3.50	10	12/22/2020 03:49	WG1594297
Di-n-butyl phthalate	U		0.120	3.50	10	12/22/2020 03:49	WG1594297
Diethyl phthalate	U		0.116	3.50	10	12/22/2020 03:49	WG1594297
Dimethyl phthalate	U		0.741	3.50	10	12/22/2020 03:49	WG1594297
Di-n-octyl phthalate	U		0.236	3.50	10	12/22/2020 03:49	WG1594297
Pyrene	U		0.0680	0.350	10	12/22/2020 03:49	WG1594297
1,2,4-Trichlorobenzene	U		0.109	3.50	10	12/22/2020 03:49	WG1594297
4-Chloro-3-methylphenol	U		0.113	3.50	10	12/22/2020 03:49	WG1594297
2-Chlorophenol	U		0.116	3.50	10	12/22/2020 03:49	WG1594297
2,4-Dichlorophenol	U		0.102	3.50	10	12/22/2020 03:49	WG1594297
2,4-Dimethylphenol	U		0.0914	3.50	10	12/22/2020 03:49	WG1594297
4,6-Dinitro-2-methylphenol	U		0.793	3.50	10	12/22/2020 03:49	WG1594297
2,4-Dinitrophenol	U		0.818	3.50	10	12/22/2020 03:49	WG1594297
2-Methylphenol	U		0.105	3.50	10	12/22/2020 03:49	WG1594297
3&4-Methyl Phenol	U		0.109	3.50	10	12/22/2020 03:49	WG1594297
2-Nitrophenol	U		0.125	3.50	10	12/22/2020 03:49	WG1594297
4-Nitrophenol	U		0.109	3.50	10	12/22/2020 03:49	WG1594297
Pentachlorophenol	U		0.0941	3.50	10	12/22/2020 03:49	WG1594297
Phenol	U		0.141	3.50	10	12/22/2020 03:49	WG1594297
2,4,6-Trichlorophenol	U		0.112	3.50	10	12/22/2020 03:49	WG1594297
2,4,5-Trichlorophenol	U		0.119	3.50	10	12/22/2020 03:49	WG1594297
(S) 2-Fluorophenol	*76.0*			*12.0-120*		*12/22/2020 03:49*	WG1594297
(S) Phenol-d5	*70.4*			*10.0-120*		*12/22/2020 03:49*	WG1594297
(S) Nitrobenzene-d5	*63.1*			*10.0-122*		*12/22/2020 03:49*	WG1594297
(S) 2-Fluorobiphenyl	*61.6*			*15.0-120*		*12/22/2020 03:49*	WG1594297
(S) 2,4,6-Tribromophenol	*64.4*			*10.0-127*		*12/22/2020 03:49*	WG1594297
(S) p-Terphenyl-d14	*64.0*			*10.0-120*		*12/22/2020 03:49*	WG1594297

Sample Narrative:

L1298078-24 WG1594297: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.3		1	12/19/2020 09:18	WG1594414

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0637		0.0199	0.0443	1	01/02/2021 02:11	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.602	2.21	1	12/21/2020 19:57	WG1594434
Arsenic	3.34		0.574	2.21	1	12/21/2020 19:57	WG1594434
Barium	110		0.0943	0.554	1	12/21/2020 19:57	WG1594434
Beryllium	0.245		0.0349	0.221	1	12/21/2020 19:57	WG1594434
Cadmium	0.210	J	0.0522	0.554	1	12/21/2020 19:57	WG1594434
Chromium	31.8		0.147	1.11	1	12/21/2020 19:57	WG1594434
Cobalt	8.18		0.0898	1.11	1	12/21/2020 19:57	WG1594434
Copper	17.8		0.443	2.21	1	12/21/2020 19:57	WG1594434
Lead	12.5		0.230	0.554	1	12/21/2020 19:57	WG1594434
Molybdenum	U		0.121	0.554	1	12/21/2020 19:57	WG1594434
Nickel	33.7		0.146	2.21	1	12/21/2020 19:57	WG1594434
Selenium	U		0.846	2.21	1	12/21/2020 19:57	WG1594434
Silver	U		0.141	1.11	1	12/21/2020 19:57	WG1594434
Thallium	U		0.436	2.21	1	12/21/2020 19:57	WG1594434
Vanadium	48.5		0.560	2.21	1	12/21/2020 19:57	WG1594434
Zinc	47.9		0.921	5.54	1	12/21/2020 19:57	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	18.2	J	8.12	44.3	10	12/23/2020 14:32	WG1596047
C22-C32 Hydrocarbons	53.5		14.7	44.3	10	12/23/2020 14:32	WG1596047
C32-C40 Hydrocarbons	37.2	J	14.7	44.3	10	12/23/2020 14:32	WG1596047
(S) o-Terphenyl	*98.5*			*18.0-148*		*12/23/2020 14:32*	WG1596047

Sample Narrative:

L1298078-25 WG1596047: Dilution due to matrix impact during extract concentration procedure

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00777	0.0775	1	12/21/2020 00:18	WG1594405
Dalapon	U		0.0125	0.0775	1	12/21/2020 00:18	WG1594405
2,4-DB	U		0.0329	0.0775	1	12/21/2020 00:18	WG1594405
Dicamba	U		0.0174	0.0775	1	12/21/2020 00:18	WG1594405
Dichloroprop	U		0.0271	0.0775	1	12/21/2020 00:18	WG1594405
Dinoseb	U	J4	0.00772	0.0775	1	12/21/2020 00:18	WG1594405
MCPA	U	J4	0.491	7.20	1	12/21/2020 00:18	WG1594405
MCPP	U	J4	0.406	7.20	1	12/21/2020 00:18	WG1594405
2,4,5-T	U		0.00943	0.0775	1	12/21/2020 00:18	WG1594405
2,4,5-TP (Silvex)	U		0.0118	0.0775	1	12/21/2020 00:18	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*52.8*			*22.0-132*		*12/21/2020 00:18*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0352	0.111	1	12/23/2020 11:55	WG1594288
Bolstar (Sulprofos)	U		0.0165	0.111	1	12/23/2020 11:55	WG1594288
Chlorpyrifos	U		0.0174	0.111	1	12/23/2020 11:55	WG1594288
Coumaphos	U		0.0269	0.111	1	12/23/2020 11:55	WG1594288
Demeton,-O and -S	U		0.00647	0.0775	1	12/23/2020 11:55	WG1594288
Diazinon	U		0.0249	0.111	1	12/23/2020 11:55	WG1594288
Dichlorvos	U		0.0332	0.111	1	12/23/2020 11:55	WG1594288
Dimethoate	U		0.0370	0.111	1	12/23/2020 11:55	WG1594288
Disulfoton	U		0.0281	0.111	1	12/23/2020 11:55	WG1594288
EPN	U		0.0306	0.111	1	12/23/2020 11:55	WG1594288
Ethoprop	U		0.0131	0.111	1	12/23/2020 11:55	WG1594288
Ethyl Parathion	U		0.0182	0.111	1	12/23/2020 11:55	WG1594288
Fensulfothion	U		0.0391	0.111	1	12/23/2020 11:55	WG1594288
Fenthion	U		0.0147	0.111	1	12/23/2020 11:55	WG1594288
Malathion	U		0.0198	0.111	1	12/23/2020 11:55	WG1594288
Merphos	U		0.0257	0.111	1	12/23/2020 11:55	WG1594288
Methyl parathion	U		0.0225	0.111	1	12/23/2020 11:55	WG1594288
Mevinphos	U		0.0255	0.111	1	12/23/2020 11:55	WG1594288
Naled	U		0.0532	0.111	1	12/23/2020 11:55	WG1594288
Phorate	U		0.0233	0.111	1	12/23/2020 11:55	WG1594288
Ronnel	U		0.0165	0.111	1	12/23/2020 11:55	WG1594288
Stirophos	U		0.0197	0.111	1	12/23/2020 11:55	WG1594288
Sulfotep	U		0.0109	0.111	1	12/23/2020 11:55	WG1594288
TEPP	U		0.174	1.11	1	12/23/2020 11:55	WG1594288
Tokuthion (Prothothiofos)	U		0.0166	0.111	1	12/23/2020 11:55	WG1594288
Trichloronate	U		0.0223	0.111	1	12/23/2020 11:55	WG1594288
(S) Triphenyl Phosphate	*88.4*			*36.0-121*		*12/23/2020 11:55*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00416	0.0221	1	12/24/2020 14:01	WG1597034
Alpha BHC	U		0.00408	0.0221	1	12/24/2020 14:01	WG1597034
Beta BHC	U		0.00420	0.0221	1	12/24/2020 14:01	WG1597034
Delta BHC	U		0.00383	0.0221	1	12/24/2020 14:01	WG1597034
Gamma BHC	U		0.00381	0.0221	1	12/24/2020 14:01	WG1597034
4,4-DDD	0.00692	J	0.00410	0.0221	1	12/24/2020 14:01	WG1597034
4,4-DDE	0.0137	J	0.00405	0.0221	1	12/24/2020 14:01	WG1597034
4,4-DDT	U		0.00694	0.0221	1	12/24/2020 14:01	WG1597034
Dieldrin	0.0175	J	0.00381	0.0221	1	12/24/2020 14:01	WG1597034
Endosulfan I	U		0.00402	0.0221	1	12/24/2020 14:01	WG1597034
Endosulfan II	U		0.00371	0.0221	1	12/24/2020 14:01	WG1597034
Endosulfan sulfate	U		0.00403	0.0221	1	12/24/2020 14:01	WG1597034
Endrin	U		0.00388	0.0221	1	12/24/2020 14:01	WG1597034
Endrin aldehyde	U		0.00375	0.0221	1	12/24/2020 14:01	WG1597034
Endrin ketone	U		0.00787	0.0221	1	12/24/2020 14:01	WG1597034
Heptachlor	U		0.00474	0.0221	1	12/24/2020 14:01	WG1597034
Heptachlor epoxide	U		0.00375	0.0221	1	12/24/2020 14:01	WG1597034
Hexachlorobenzene	U		0.00383	0.0221	1	12/24/2020 14:01	WG1597034
Methoxychlor	U		0.00536	0.0221	1	12/24/2020 14:01	WG1597034
Chlordane	U		0.114	0.332	1	12/24/2020 14:01	WG1597034
Toxaphene	U		0.137	0.443	1	12/24/2020 14:01	WG1597034
(S) Decachlorobiphenyl	*104*			*10.0-135*		*12/24/2020 14:01*	WG1597034
(S) Tetrachloro-m-xylene	*96.2*			*10.0-139*		*12/24/2020 14:01*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.4		1	12/19/2020 09:18	WG1594414

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.05	3.16	25	12/24/2020 17:17	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*95.0*			*77.0-120*		*12/24/2020 17:17*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0461	0.0632	1	12/20/2020 13:26	WG1595022
Acrylonitrile	U		0.00456	0.0158	1	12/20/2020 13:26	WG1595022
Benzene	U		0.000590	0.00126	1	12/20/2020 13:26	WG1595022
Bromobenzene	U		0.00114	0.0158	1	12/20/2020 13:26	WG1595022
Bromodichloromethane	U		0.000916	0.00316	1	12/20/2020 13:26	WG1595022
Bromoform	U		0.00148	0.0316	1	12/20/2020 13:26	WG1595022
Bromomethane	U		0.00249	0.0158	1	12/20/2020 13:26	WG1595022
n-Butylbenzene	U		0.00664	0.0158	1	12/20/2020 13:26	WG1595022
sec-Butylbenzene	U		0.00364	0.0158	1	12/20/2020 13:26	WG1595022
tert-Butylbenzene	U		0.00246	0.00632	1	12/20/2020 13:26	WG1595022
Carbon tetrachloride	U		0.00114	0.00632	1	12/20/2020 13:26	WG1595022
Chlorobenzene	U		0.000265	0.00316	1	12/20/2020 13:26	WG1595022
Chlorodibromomethane	U		0.000774	0.00316	1	12/20/2020 13:26	WG1595022
Chloroethane	U		0.00215	0.00632	1	12/20/2020 13:26	WG1595022
Chloroform	U		0.00130	0.00316	1	12/20/2020 13:26	WG1595022
Chloromethane	U		0.00550	0.0158	1	12/20/2020 13:26	WG1595022
2-Chlorotoluene	U		0.00109	0.00316	1	12/20/2020 13:26	WG1595022
4-Chlorotoluene	U		0.000569	0.00632	1	12/20/2020 13:26	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00493	0.0316	1	12/20/2020 13:26	WG1595022
1,2-Dibromoethane	U		0.000819	0.00316	1	12/20/2020 13:26	WG1595022
Dibromomethane	U		0.000948	0.00632	1	12/20/2020 13:26	WG1595022
1,2-Dichlorobenzene	U		0.000537	0.00632	1	12/20/2020 13:26	WG1595022
1,3-Dichlorobenzene	U		0.000758	0.00632	1	12/20/2020 13:26	WG1595022
1,4-Dichlorobenzene	U		0.000885	0.00632	1	12/20/2020 13:26	WG1595022
Dichlorodifluoromethane	U		0.00203	0.00316	1	12/20/2020 13:26	WG1595022
1,1-Dichloroethane	U		0.000621	0.00316	1	12/20/2020 13:26	WG1595022
1,2-Dichloroethane	U		0.000820	0.00316	1	12/20/2020 13:26	WG1595022
1,1-Dichloroethene	U		0.000766	0.00316	1	12/20/2020 13:26	WG1595022
cis-1,2-Dichloroethene	U		0.000928	0.00316	1	12/20/2020 13:26	WG1595022
trans-1,2-Dichloroethene	U		0.00131	0.00632	1	12/20/2020 13:26	WG1595022
1,2-Dichloropropane	U		0.00179	0.00632	1	12/20/2020 13:26	WG1595022
1,1-Dichloropropene	U		0.00102	0.00316	1	12/20/2020 13:26	WG1595022
1,3-Dichloropropane	U		0.000633	0.00632	1	12/20/2020 13:26	WG1595022
cis-1,3-Dichloropropene	U		0.000957	0.00316	1	12/20/2020 13:26	WG1595022
trans-1,3-Dichloropropene	U		0.00144	0.00632	1	12/20/2020 13:26	WG1595022
2,2-Dichloropropane	U		0.00174	0.00316	1	12/20/2020 13:26	WG1595022
Di-isopropyl ether	U		0.000518	0.00126	1	12/20/2020 13:26	WG1595022
Ethylbenzene	U		0.000932	0.00316	1	12/20/2020 13:26	WG1595022
Hexachloro-1,3-butadiene	U		0.00758	0.0316	1	12/20/2020 13:26	WG1595022
Isopropylbenzene	U		0.000537	0.00316	1	12/20/2020 13:26	WG1595022
p-Isopropyltoluene	U		0.00322	0.00632	1	12/20/2020 13:26	WG1595022
2-Butanone (MEK)	U		0.0803	0.126	1	12/20/2020 13:26	WG1595022
Methylene Chloride	U		0.00839	0.0316	1	12/20/2020 13:26	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00288	0.0316	1	12/20/2020 13:26	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000442	0.00126	1	12/20/2020 13:26	WG1595022
Naphthalene	U		0.00617	0.0158	1	12/20/2020 13:26	WG1595022
n-Propylbenzene	U		0.00120	0.00632	1	12/20/2020 13:26	WG1595022
Styrene	U		0.000289	0.0158	1	12/20/2020 13:26	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00120	0.00316	1	12/20/2020 13:26	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000878	0.00316	1	12/20/2020 13:26	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000953	0.00316	1	12/20/2020 13:26	WG1595022
Tetrachloroethene	U		0.00113	0.00316	1	12/20/2020 13:26	WG1595022
Toluene	U		0.00164	0.00632	1	12/20/2020 13:26	WG1595022
1,2,3-Trichlorobenzene	U		0.00926	0.0158	1	12/20/2020 13:26	WG1595022
1,2,4-Trichlorobenzene	U		0.00556	0.0158	1	12/20/2020 13:26	WG1595022
1,1,1-Trichloroethane	U		0.00117	0.00316	1	12/20/2020 13:26	WG1595022
1,1,2-Trichloroethane	U		0.000755	0.00316	1	12/20/2020 13:26	WG1595022
Trichloroethene	U		0.000738	0.00126	1	12/20/2020 13:26	WG1595022
Trichlorofluoromethane	U		0.00105	0.00316	1	12/20/2020 13:26	WG1595022
1,2,3-Trichloropropane	U		0.00205	0.0158	1	12/20/2020 13:26	WG1595022
1,2,4-Trimethylbenzene	U		0.00200	0.00632	1	12/20/2020 13:26	WG1595022
1,2,3-Trimethylbenzene	U		0.00200	0.00632	1	12/20/2020 13:26	WG1595022
1,3,5-Trimethylbenzene	U		0.00253	0.00632	1	12/20/2020 13:26	WG1595022
Vinyl chloride	U		0.00147	0.00316	1	12/20/2020 13:26	WG1595022
Xylenes, Total	U		0.00111	0.00822	1	12/20/2020 13:26	WG1595022
(S) Toluene-d8	*113*			*75.0-131*		*12/20/2020 13:26*	WG1595022
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*12/20/2020 13:26*	WG1595022
(S) 1,2-Dichloroethane-d4	*87.1*			*70.0-130*		*12/20/2020 13:26*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00610	0.0377	1	12/22/2020 02:48	WG1594297
Acenaphthylene	U		0.00531	0.0377	1	12/22/2020 02:48	WG1594297
Anthracene	U		0.00671	0.0377	1	12/22/2020 02:48	WG1594297
Benzo(a)anthracene	U		0.00664	0.0377	1	12/22/2020 02:48	WG1594297
Benzo(b)fluoranthene	U		0.00703	0.0377	1	12/22/2020 02:48	WG1594297
Benzo(k)fluoranthene	U		0.00670	0.0377	1	12/22/2020 02:48	WG1594297
Benzo(g,h,i)perylene	U		0.00689	0.0377	1	12/22/2020 02:48	WG1594297
Benzo(a)pyrene	U		0.00701	0.0377	1	12/22/2020 02:48	WG1594297
Bis(2-chlorethoxy)methane	U		0.0113	0.377	1	12/22/2020 02:48	WG1594297
Bis(2-chloroethyl)ether	U		0.0125	0.377	1	12/22/2020 02:48	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0163	0.377	1	12/22/2020 02:48	WG1594297
4-Bromophenyl-phenylether	U		0.0132	0.377	1	12/22/2020 02:48	WG1594297
2-Chloronaphthalene	U		0.00662	0.0377	1	12/22/2020 02:48	WG1594297
4-Chlorophenyl-phenylether	U		0.0131	0.377	1	12/22/2020 02:48	WG1594297
Chrysene	U		0.00749	0.0377	1	12/22/2020 02:48	WG1594297
Dibenz(a,h)anthracene	U		0.0104	0.0377	1	12/22/2020 02:48	WG1594297
3,3-Dichlorobenzidine	U		0.0139	0.377	1	12/22/2020 02:48	WG1594297
2,4-Dinitrotoluene	U		0.0108	0.377	1	12/22/2020 02:48	WG1594297
2,6-Dinitrotoluene	U		0.0123	0.377	1	12/22/2020 02:48	WG1594297
Fluoranthene	U		0.00680	0.0377	1	12/22/2020 02:48	WG1594297
Fluorene	U		0.00613	0.0377	1	12/22/2020 02:48	WG1594297
Hexachlorobenzene	U		0.0134	0.377	1	12/22/2020 02:48	WG1594297
Hexachloro-1,3-butadiene	U		0.0127	0.377	1	12/22/2020 02:48	WG1594297
Hexachlorocyclopentadiene	U		0.0198	0.377	1	12/22/2020 02:48	WG1594297
Hexachloroethane	U		0.0148	0.377	1	12/22/2020 02:48	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0107	0.0377	1	12/22/2020 02:48	WG1594297
Isophorone	U		0.0115	0.377	1	12/22/2020 02:48	WG1594297
Naphthalene	U		0.00946	0.0377	1	12/22/2020 02:48	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0131	0.377	1	12/22/2020 02:48	WG1594297
n-Nitrosodimethylamine	U		0.0559	0.377	1	12/22/2020 02:48	WG1594297
n-Nitrosodiphenylamine	U		0.0285	0.377	1	12/22/2020 02:48	WG1594297
n-Nitrosodi-n-propylamine	U		0.0126	0.377	1	12/22/2020 02:48	WG1594297
Phenanthrene	U		0.00748	0.0377	1	12/22/2020 02:48	WG1594297
Pyridine	U		0.0249	0.377	1	12/22/2020 02:48	WG1594297
Benzylbutyl phthalate	U		0.0118	0.377	1	12/22/2020 02:48	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0478	0.377	1	12/22/2020 02:48	WG1594297
Di-n-butyl phthalate	U		0.0129	0.377	1	12/22/2020 02:48	WG1594297
Diethyl phthalate	U		0.0125	0.377	1	12/22/2020 02:48	WG1594297
Dimethyl phthalate	U		0.0799	0.377	1	12/22/2020 02:48	WG1594297
Di-n-octyl phthalate	U		0.0255	0.377	1	12/22/2020 02:48	WG1594297
Pyrene	U		0.00733	0.0377	1	12/22/2020 02:48	WG1594297
1,2,4-Trichlorobenzene	U		0.0118	0.377	1	12/22/2020 02:48	WG1594297
4-Chloro-3-methylphenol	U		0.0122	0.377	1	12/22/2020 02:48	WG1594297
2-Chlorophenol	U		0.0125	0.377	1	12/22/2020 02:48	WG1594297
2,4-Dichlorophenol	U		0.0110	0.377	1	12/22/2020 02:48	WG1594297
2,4-Dimethylphenol	U		0.00985	0.377	1	12/22/2020 02:48	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0855	0.377	1	12/22/2020 02:48	WG1594297
2,4-Dinitrophenol	U		0.0882	0.377	1	12/22/2020 02:48	WG1594297
2-Methylphenol	U		0.0113	0.377	1	12/22/2020 02:48	WG1594297
3&4-Methyl Phenol	U		0.0118	0.377	1	12/22/2020 02:48	WG1594297
2-Nitrophenol	U		0.0135	0.377	1	12/22/2020 02:48	WG1594297
4-Nitrophenol	U		0.0118	0.377	1	12/22/2020 02:48	WG1594297
Pentachlorophenol	U		0.0101	0.377	1	12/22/2020 02:48	WG1594297
Phenol	U		0.0152	0.377	1	12/22/2020 02:48	WG1594297
2,4,6-Trichlorophenol	U		0.0121	0.377	1	12/22/2020 02:48	WG1594297
2,4,5-Trichlorophenol	U		0.0128	0.377	1	12/22/2020 02:48	WG1594297
(S) 2-Fluorophenol	*54.0*			*12.0-120*		*12/22/2020 02:48*	WG1594297
(S) Phenol-d5	*51.4*			*10.0-120*		*12/22/2020 02:48*	WG1594297
(S) Nitrobenzene-d5	*45.0*			*10.0-122*		*12/22/2020 02:48*	WG1594297
(S) 2-Fluorobiphenyl	*45.0*			*15.0-120*		*12/22/2020 02:48*	WG1594297
(S) 2,4,6-Tribromophenol	*51.4*			*10.0-127*		*12/22/2020 02:48*	WG1594297
(S) p-Terphenyl-d14	*46.8*			*10.0-120*		*12/22/2020 02:48*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.2		1	12/19/2020 09:18	WG1594414

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0377	J	0.0197	0.0439	1	01/02/2021 02:13	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.597	2.19	1	12/21/2020 19:59	WG1594434
Arsenic	4.51		0.568	2.19	1	12/21/2020 19:59	WG1594434
Barium	101		0.0934	0.548	1	12/21/2020 19:59	WG1594434
Beryllium	0.312		0.0345	0.219	1	12/21/2020 19:59	WG1594434
Cadmium	0.179	J	0.0517	0.548	1	12/21/2020 19:59	WG1594434
Chromium	20.6		0.146	1.10	1	12/21/2020 19:59	WG1594434
Cobalt	6.24		0.0889	1.10	1	12/21/2020 19:59	WG1594434
Copper	13.3		0.439	2.19	1	12/21/2020 19:59	WG1594434
Lead	15.4		0.228	0.548	1	12/21/2020 19:59	WG1594434
Molybdenum	0.327	J	0.120	0.548	1	12/21/2020 19:59	WG1594434
Nickel	15.7		0.145	2.19	1	12/21/2020 19:59	WG1594434
Selenium	U		0.838	2.19	1	12/21/2020 19:59	WG1594434
Silver	U		0.139	1.10	1	12/21/2020 19:59	WG1594434
Thallium	U		0.432	2.19	1	12/21/2020 19:59	WG1594434
Vanadium	36.8		0.555	2.19	1	12/21/2020 19:59	WG1594434
Zinc	48.5		0.912	5.48	1	12/21/2020 19:59	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	35.4	J	16.1	87.7	20	12/22/2020 08:05	WG1595061
C22-C32 Hydrocarbons	457		29.2	87.7	20	12/22/2020 08:05	WG1595061
C32-C40 Hydrocarbons	360		29.2	87.7	20	12/22/2020 08:05	WG1595061
(S) o-Terphenyl	*122*	J7		*18.0-148*		*12/22/2020 08:05*	WG1595061

Sample Narrative:

L1298078-27 WG1595061: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00770	0.0768	1	12/21/2020 00:33	WG1594405
Dalapon	U		0.0124	0.0768	1	12/21/2020 00:33	WG1594405
2,4-DB	U		0.0326	0.0768	1	12/21/2020 00:33	WG1594405
Dicamba	U		0.0172	0.0768	1	12/21/2020 00:33	WG1594405
Dichloroprop	U		0.0269	0.0768	1	12/21/2020 00:33	WG1594405
Dinoseb	U	J4	0.00764	0.0768	1	12/21/2020 00:33	WG1594405
MCPA	U	J4	0.486	7.13	1	12/21/2020 00:33	WG1594405
MCPP	U	J4	0.402	7.13	1	12/21/2020 00:33	WG1594405
2,4,5-T	U		0.00934	0.0768	1	12/21/2020 00:33	WG1594405
2,4,5-TP (Silvex)	U		0.0117	0.0768	1	12/21/2020 00:33	WG1594405
(S) 2,4-Dichlorophenyl Acetic Acid	*39.6*			*22.0-132*		*12/21/2020 00:33*	WG1594405

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0349	0.110	1	12/23/2020 12:28	WG1594288
Bolstar (Sulprofos)	U		0.0163	0.110	1	12/23/2020 12:28	WG1594288
Chlorpyrifos	U		0.0172	0.110	1	12/23/2020 12:28	WG1594288
Coumaphos	U		0.0266	0.110	1	12/23/2020 12:28	WG1594288
Demeton,-O and -S	U		0.00640	0.0768	1	12/23/2020 12:28	WG1594288
Diazinon	U		0.0247	0.110	1	12/23/2020 12:28	WG1594288
Dichlorvos	U		0.0329	0.110	1	12/23/2020 12:28	WG1594288
Dimethoate	U		0.0366	0.110	1	12/23/2020 12:28	WG1594288
Disulfoton	U		0.0279	0.110	1	12/23/2020 12:28	WG1594288
EPN	U		0.0303	0.110	1	12/23/2020 12:28	WG1594288
Ethoprop	U		0.0129	0.110	1	12/23/2020 12:28	WG1594288
Ethyl Parathion	U		0.0180	0.110	1	12/23/2020 12:28	WG1594288
Fensulfothion	U		0.0387	0.110	1	12/23/2020 12:28	WG1594288
Fenthion	U		0.0146	0.110	1	12/23/2020 12:28	WG1594288
Malathion	U		0.0196	0.110	1	12/23/2020 12:28	WG1594288
Merphos	U		0.0254	0.110	1	12/23/2020 12:28	WG1594288
Methyl parathion	U		0.0223	0.110	1	12/23/2020 12:28	WG1594288
Mevinphos	U		0.0252	0.110	1	12/23/2020 12:28	WG1594288
Naled	U		0.0526	0.110	1	12/23/2020 12:28	WG1594288
Phorate	U		0.0230	0.110	1	12/23/2020 12:28	WG1594288
Ronnel	U		0.0163	0.110	1	12/23/2020 12:28	WG1594288
Stirophos	U		0.0195	0.110	1	12/23/2020 12:28	WG1594288
Sulfotep	U		0.0108	0.110	1	12/23/2020 12:28	WG1594288
TEPP	U		0.172	1.10	1	12/23/2020 12:28	WG1594288
Tokuthion (Prothothiofos)	U		0.0164	0.110	1	12/23/2020 12:28	WG1594288
Trichloronate	U		0.0220	0.110	1	12/23/2020 12:28	WG1594288
(S) Triphenyl Phosphate	*87.5*			*36.0-121*		*12/23/2020 12:28*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00412	0.0219	1	12/24/2020 14:14	WG1597034
Alpha BHC	U		0.00404	0.0219	1	12/24/2020 14:14	WG1597034
Beta BHC	U		0.00416	0.0219	1	12/24/2020 14:14	WG1597034
Delta BHC	U		0.00379	0.0219	1	12/24/2020 14:14	WG1597034
Gamma BHC	U		0.00377	0.0219	1	12/24/2020 14:14	WG1597034
4,4-DDD	U		0.00406	0.0219	1	12/24/2020 14:14	WG1597034
4,4-DDE	0.0150	J P	0.00401	0.0219	1	12/24/2020 14:14	WG1597034
4,4-DDT	U		0.00688	0.0219	1	12/24/2020 14:14	WG1597034
Dieldrin	U		0.00377	0.0219	1	12/24/2020 14:14	WG1597034
Endosulfan I	U		0.00398	0.0219	1	12/24/2020 14:14	WG1597034
Endosulfan II	U		0.00367	0.0219	1	12/24/2020 14:14	WG1597034
Endosulfan sulfate	U		0.00399	0.0219	1	12/24/2020 14:14	WG1597034
Endrin	U		0.00384	0.0219	1	12/24/2020 14:14	WG1597034
Endrin aldehyde	U		0.00372	0.0219	1	12/24/2020 14:14	WG1597034
Endrin ketone	U		0.00780	0.0219	1	12/24/2020 14:14	WG1597034
Heptachlor	U		0.00469	0.0219	1	12/24/2020 14:14	WG1597034
Heptachlor epoxide	U		0.00372	0.0219	1	12/24/2020 14:14	WG1597034
Hexachlorobenzene	U		0.00379	0.0219	1	12/24/2020 14:14	WG1597034
Methoxychlor	U		0.00531	0.0219	1	12/24/2020 14:14	WG1597034
Chlordane	U		0.113	0.329	1	12/24/2020 14:14	WG1597034
Toxaphene	U		0.136	0.439	1	12/24/2020 14:14	WG1597034
(S) Decachlorobiphenyl	*120*			*10.0-135*		*12/24/2020 14:14*	WG1597034
(S) Tetrachloro-m-xylene	*104*			*10.0-139*		*12/24/2020 14:14*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.1		1	12/19/2020 09:18	WG1594414

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.15	J	0.993	2.99	25	12/24/2020 17:38	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.9*			*77.0-120*		*12/24/2020 17:38*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0437	0.0598	1	12/20/2020 13:45	WG1595022
Acrylonitrile	U		0.00432	0.0150	1	12/20/2020 13:45	WG1595022
Benzene	U		0.000559	0.00120	1	12/20/2020 13:45	WG1595022
Bromobenzene	U		0.00108	0.0150	1	12/20/2020 13:45	WG1595022
Bromodichloromethane	U		0.000867	0.00299	1	12/20/2020 13:45	WG1595022
Bromoform	U		0.00140	0.0299	1	12/20/2020 13:45	WG1595022
Bromomethane	U		0.00236	0.0150	1	12/20/2020 13:45	WG1595022
n-Butylbenzene	U		0.00628	0.0150	1	12/20/2020 13:45	WG1595022
sec-Butylbenzene	U		0.00345	0.0150	1	12/20/2020 13:45	WG1595022
tert-Butylbenzene	U		0.00233	0.00598	1	12/20/2020 13:45	WG1595022
Carbon tetrachloride	U		0.00107	0.00598	1	12/20/2020 13:45	WG1595022
Chlorobenzene	U		0.000251	0.00299	1	12/20/2020 13:45	WG1595022
Chlorodibromomethane	U		0.000732	0.00299	1	12/20/2020 13:45	WG1595022
Chloroethane	U		0.00203	0.00598	1	12/20/2020 13:45	WG1595022
Chloroform	U		0.00123	0.00299	1	12/20/2020 13:45	WG1595022
Chloromethane	U		0.00520	0.0150	1	12/20/2020 13:45	WG1595022
2-Chlorotoluene	U		0.00103	0.00299	1	12/20/2020 13:45	WG1595022
4-Chlorotoluene	U		0.000538	0.00598	1	12/20/2020 13:45	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00467	0.0299	1	12/20/2020 13:45	WG1595022
1,2-Dibromoethane	U		0.000775	0.00299	1	12/20/2020 13:45	WG1595022
Dibromomethane	U		0.000897	0.00598	1	12/20/2020 13:45	WG1595022
1,2-Dichlorobenzene	U		0.000508	0.00598	1	12/20/2020 13:45	WG1595022
1,3-Dichlorobenzene	U		0.000718	0.00598	1	12/20/2020 13:45	WG1595022
1,4-Dichlorobenzene	U		0.000837	0.00598	1	12/20/2020 13:45	WG1595022
Dichlorodifluoromethane	U		0.00193	0.00299	1	12/20/2020 13:45	WG1595022
1,1-Dichloroethane	U		0.000587	0.00299	1	12/20/2020 13:45	WG1595022
1,2-Dichloroethane	U		0.000776	0.00299	1	12/20/2020 13:45	WG1595022
1,1-Dichloroethene	U		0.000725	0.00299	1	12/20/2020 13:45	WG1595022
cis-1,2-Dichloroethene	U		0.000878	0.00299	1	12/20/2020 13:45	WG1595022
trans-1,2-Dichloroethene	U		0.00124	0.00598	1	12/20/2020 13:45	WG1595022
1,2-Dichloropropane	U		0.00170	0.00598	1	12/20/2020 13:45	WG1595022
1,1-Dichloropropene	U		0.000968	0.00299	1	12/20/2020 13:45	WG1595022
1,3-Dichloropropane	U		0.000599	0.00598	1	12/20/2020 13:45	WG1595022
cis-1,3-Dichloropropene	U		0.000906	0.00299	1	12/20/2020 13:45	WG1595022
trans-1,3-Dichloropropene	U		0.00136	0.00598	1	12/20/2020 13:45	WG1595022
2,2-Dichloropropane	U		0.00165	0.00299	1	12/20/2020 13:45	WG1595022
Di-isopropyl ether	U		0.000491	0.00120	1	12/20/2020 13:45	WG1595022
Ethylbenzene	U		0.000882	0.00299	1	12/20/2020 13:45	WG1595022
Hexachloro-1,3-butadiene	U		0.00718	0.0299	1	12/20/2020 13:45	WG1595022
Isopropylbenzene	U		0.000508	0.00299	1	12/20/2020 13:45	WG1595022
p-Isopropyltoluene	U		0.00305	0.00598	1	12/20/2020 13:45	WG1595022
2-Butanone (MEK)	U		0.0760	0.120	1	12/20/2020 13:45	WG1595022
Methylene Chloride	U		0.00794	0.0299	1	12/20/2020 13:45	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00273	0.0299	1	12/20/2020 13:45	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000419	0.00120	1	12/20/2020 13:45	WG1595022
Naphthalene	U		0.00584	0.0150	1	12/20/2020 13:45	WG1595022
n-Propylbenzene	U		0.00114	0.00598	1	12/20/2020 13:45	WG1595022
Styrene	U		0.000274	0.0150	1	12/20/2020 13:45	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00113	0.00299	1	12/20/2020 13:45	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000831	0.00299	1	12/20/2020 13:45	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000902	0.00299	1	12/20/2020 13:45	WG1595022
Tetrachloroethene	U		0.00107	0.00299	1	12/20/2020 13:45	WG1595022
Toluene	U		0.00156	0.00598	1	12/20/2020 13:45	WG1595022
1,2,3-Trichlorobenzene	U		0.00877	0.0150	1	12/20/2020 13:45	WG1595022
1,2,4-Trichlorobenzene	U		0.00526	0.0150	1	12/20/2020 13:45	WG1595022
1,1,1-Trichloroethane	U		0.00110	0.00299	1	12/20/2020 13:45	WG1595022
1,1,2-Trichloroethane	U		0.000714	0.00299	1	12/20/2020 13:45	WG1595022
Trichloroethene	U		0.000699	0.00120	1	12/20/2020 13:45	WG1595022
Trichlorofluoromethane	U		0.000989	0.00299	1	12/20/2020 13:45	WG1595022
1,2,3-Trichloropropane	U		0.00194	0.0150	1	12/20/2020 13:45	WG1595022
1,2,4-Trimethylbenzene	U		0.00189	0.00598	1	12/20/2020 13:45	WG1595022
1,2,3-Trimethylbenzene	U		0.00189	0.00598	1	12/20/2020 13:45	WG1595022
1,3,5-Trimethylbenzene	U		0.00239	0.00598	1	12/20/2020 13:45	WG1595022
Vinyl chloride	U		0.00139	0.00299	1	12/20/2020 13:45	WG1595022
Xylenes, Total	U		0.00105	0.00778	1	12/20/2020 13:45	WG1595022
(S) Toluene-d8	*109*			*75.0-131*		*12/20/2020 13:45*	WG1595022
(S) 4-Bromofluorobenzene	*95.7*			*67.0-138*		*12/20/2020 13:45*	WG1595022
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*		*12/20/2020 13:45*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0592	0.366	10	12/22/2020 04:09	WG1594297
Acenaphthylene	U		0.0515	0.366	10	12/22/2020 04:09	WG1594297
Anthracene	U		0.0651	0.366	10	12/22/2020 04:09	WG1594297
Benzo(a)anthracene	U		0.0644	0.366	10	12/22/2020 04:09	WG1594297
Benzo(b)fluoranthene	U		0.0682	0.366	10	12/22/2020 04:09	WG1594297
Benzo(k)fluoranthene	U		0.0650	0.366	10	12/22/2020 04:09	WG1594297
Benzo(g,h,i)perylene	U		0.0669	0.366	10	12/22/2020 04:09	WG1594297
Benzo(a)pyrene	U		0.0680	0.366	10	12/22/2020 04:09	WG1594297
Bis(2-chlorethoxy)methane	U		0.110	3.66	10	12/22/2020 04:09	WG1594297
Bis(2-chloroethyl)ether	U		0.121	3.66	10	12/22/2020 04:09	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.158	3.66	10	12/22/2020 04:09	WG1594297
4-Bromophenyl-phenylether	U		0.128	3.66	10	12/22/2020 04:09	WG1594297
2-Chloronaphthalene	U		0.0642	0.366	10	12/22/2020 04:09	WG1594297
4-Chlorophenyl-phenylether	U		0.127	3.66	10	12/22/2020 04:09	WG1594297
Chrysene	U		0.0727	0.366	10	12/22/2020 04:09	WG1594297
Dibenz(a,h)anthracene	U		0.101	0.366	10	12/22/2020 04:09	WG1594297
3,3-Dichlorobenzidine	U		0.135	3.66	10	12/22/2020 04:09	WG1594297
2,4-Dinitrotoluene	U		0.105	3.66	10	12/22/2020 04:09	WG1594297
2,6-Dinitrotoluene	U		0.120	3.66	10	12/22/2020 04:09	WG1594297
Fluoranthene	U		0.0660	0.366	10	12/22/2020 04:09	WG1594297
Fluorene	U		0.0595	0.366	10	12/22/2020 04:09	WG1594297
Hexachlorobenzene	U		0.130	3.66	10	12/22/2020 04:09	WG1594297
Hexachloro-1,3-butadiene	U		0.123	3.66	10	12/22/2020 04:09	WG1594297
Hexachlorocyclopentadiene	U		0.192	3.66	10	12/22/2020 04:09	WG1594297
Hexachloroethane	U		0.144	3.66	10	12/22/2020 04:09	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.103	0.366	10	12/22/2020 04:09	WG1594297
Isophorone	U		0.112	3.66	10	12/22/2020 04:09	WG1594297
Naphthalene	U		0.0918	0.366	10	12/22/2020 04:09	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.127	3.66	10	12/22/2020 04:09	WG1594297
n-Nitrosodimethylamine	U		0.542	3.66	10	12/22/2020 04:09	WG1594297
n-Nitrosodiphenylamine	U		0.277	3.66	10	12/22/2020 04:09	WG1594297
n-Nitrosodi-n-propylamine	U		0.122	3.66	10	12/22/2020 04:09	WG1594297
Phenanthrene	U		0.0726	0.366	10	12/22/2020 04:09	WG1594297
Pyridine	U		0.242	3.66	10	12/22/2020 04:09	WG1594297
Benzylbutyl phthalate	U		0.114	3.66	10	12/22/2020 04:09	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.463	3.66	10	12/22/2020 04:09	WG1594297
Di-n-butyl phthalate	U		0.125	3.66	10	12/22/2020 04:09	WG1594297
Diethyl phthalate	U		0.121	3.66	10	12/22/2020 04:09	WG1594297
Dimethyl phthalate	U		0.775	3.66	10	12/22/2020 04:09	WG1594297
Di-n-octyl phthalate	U		0.247	3.66	10	12/22/2020 04:09	WG1594297
Pyrene	U		0.0711	0.366	10	12/22/2020 04:09	WG1594297
1,2,4-Trichlorobenzene	U		0.114	3.66	10	12/22/2020 04:09	WG1594297
4-Chloro-3-methylphenol	U		0.119	3.66	10	12/22/2020 04:09	WG1594297
2-Chlorophenol	U		0.121	3.66	10	12/22/2020 04:09	WG1594297
2,4-Dichlorophenol	U		0.106	3.66	10	12/22/2020 04:09	WG1594297
2,4-Dimethylphenol	U		0.0955	3.66	10	12/22/2020 04:09	WG1594297
4,6-Dinitro-2-methylphenol	U		0.829	3.66	10	12/22/2020 04:09	WG1594297
2,4-Dinitrophenol	U		0.855	3.66	10	12/22/2020 04:09	WG1594297
2-Methylphenol	U		0.110	3.66	10	12/22/2020 04:09	WG1594297
3&4-Methyl Phenol	U		0.114	3.66	10	12/22/2020 04:09	WG1594297
2-Nitrophenol	U		0.131	3.66	10	12/22/2020 04:09	WG1594297
4-Nitrophenol	U		0.114	3.66	10	12/22/2020 04:09	WG1594297
Pentachlorophenol	U		0.0984	3.66	10	12/22/2020 04:09	WG1594297
Phenol	U		0.147	3.66	10	12/22/2020 04:09	WG1594297
2,4,6-Trichlorophenol	U		0.117	3.66	10	12/22/2020 04:09	WG1594297
2,4,5-Trichlorophenol	U		0.124	3.66	10	12/22/2020 04:09	WG1594297
(S) 2-Fluorophenol	*70.3*			*12.0-120*		*12/22/2020 04:09*	WG1594297
(S) Phenol-d5	*64.3*			*10.0-120*		*12/22/2020 04:09*	WG1594297
(S) Nitrobenzene-d5	*53.6*			*10.0-122*		*12/22/2020 04:09*	WG1594297
(S) 2-Fluorobiphenyl	*60.2*			*15.0-120*		*12/22/2020 04:09*	WG1594297
(S) 2,4,6-Tribromophenol	*74.7*			*10.0-127*		*12/22/2020 04:09*	WG1594297
(S) p-Terphenyl-d14	*63.6*			*10.0-120*		*12/22/2020 04:09*	WG1594297

Sample Narrative:

L1298078-28 WG1594297: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.5		1	12/19/2020 09:18	WG1594414

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0389	J	0.0197	0.0437	1	01/02/2021 02:15	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.594	2.19	1	12/21/2020 20:02	WG1594434
Arsenic	3.00		0.566	2.19	1	12/21/2020 20:02	WG1594434
Barium	104		0.0931	0.546	1	12/21/2020 20:02	WG1594434
Beryllium	0.348		0.0344	0.219	1	12/21/2020 20:02	WG1594434
Cadmium	0.217	J	0.0515	0.546	1	12/21/2020 20:02	WG1594434
Chromium	27.6		0.145	1.09	1	12/21/2020 20:02	WG1594434
Cobalt	7.74		0.0886	1.09	1	12/21/2020 20:02	WG1594434
Copper	18.9		0.437	2.19	1	12/21/2020 20:02	WG1594434
Lead	13.4		0.227	0.546	1	12/21/2020 20:02	WG1594434
Molybdenum	0.221	J	0.119	0.546	1	12/21/2020 20:02	WG1594434
Nickel	27.4		0.144	2.19	1	12/21/2020 20:02	WG1594434
Selenium	U		0.835	2.19	1	12/21/2020 20:02	WG1594434
Silver	U		0.139	1.09	1	12/21/2020 20:02	WG1594434
Thallium	U		0.431	2.19	1	12/21/2020 20:02	WG1594434
Vanadium	41.1		0.553	2.19	1	12/21/2020 20:02	WG1594434
Zinc	47.2		0.909	5.46	1	12/21/2020 20:02	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	18.5	J	4.01	21.9	5	12/22/2020 00:49	WG1595061
C22-C32 Hydrocarbons	130		7.27	21.9	5	12/22/2020 00:49	WG1595061
C32-C40 Hydrocarbons	116		7.27	21.9	5	12/22/2020 00:49	WG1595061
(S) o-Terphenyl	*93.9*			*18.0-148*		*12/22/2020 00:49*	WG1595061

Sample Narrative:

L1298078-29 WG1595061: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00767	0.0765	1	12/23/2020 22:25	WG1594825
Dalapon	U		0.0123	0.0765	1	12/23/2020 22:25	WG1594825
2,4-DB	U		0.0325	0.0765	1	12/23/2020 22:25	WG1594825
Dicamba	U		0.0172	0.0765	1	12/23/2020 22:25	WG1594825
Dichloroprop	U		0.0268	0.0765	1	12/23/2020 22:25	WG1594825
Dinoseb	U		0.00762	0.0765	1	12/23/2020 22:25	WG1594825
MCPA	U	J4	0.484	7.10	1	12/23/2020 22:25	WG1594825
MCPP	U	J4	0.401	7.10	1	12/23/2020 22:25	WG1594825
2,4,5-T	U		0.00931	0.0765	1	12/23/2020 22:25	WG1594825
2,4,5-TP (Silvex)	U		0.0117	0.0765	1	12/23/2020 22:25	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*49.5*			*22.0-132*		*12/23/2020 22:25*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0347	0.109	1	12/23/2020 13:01	WG1594288
Bolstar (Sulprofos)	U		0.0163	0.109	1	12/23/2020 13:01	WG1594288
Chlorpyrifos	U		0.0172	0.109	1	12/23/2020 13:01	WG1594288
Coumaphos	U		0.0266	0.109	1	12/23/2020 13:01	WG1594288
Demeton,-O and -S	U		0.00638	0.0765	1	12/23/2020 13:01	WG1594288
Diazinon	U		0.0246	0.109	1	12/23/2020 13:01	WG1594288
Dichlorvos	U		0.0328	0.109	1	12/23/2020 13:01	WG1594288
Dimethoate	U		0.0365	0.109	1	12/23/2020 13:01	WG1594288
Disulfoton	U		0.0278	0.109	1	12/23/2020 13:01	WG1594288
EPN	U		0.0302	0.109	1	12/23/2020 13:01	WG1594288
Ethoprop	U		0.0129	0.109	1	12/23/2020 13:01	WG1594288
Ethyl Parathion	U		0.0179	0.109	1	12/23/2020 13:01	WG1594288
Fensulfothion	U		0.0386	0.109	1	12/23/2020 13:01	WG1594288
Fenthion	U		0.0145	0.109	1	12/23/2020 13:01	WG1594288
Malathion	U		0.0196	0.109	1	12/23/2020 13:01	WG1594288
Merphos	U		0.0254	0.109	1	12/23/2020 13:01	WG1594288
Methyl parathion	U		0.0222	0.109	1	12/23/2020 13:01	WG1594288
Mevinphos	U		0.0251	0.109	1	12/23/2020 13:01	WG1594288
Naled	U		0.0524	0.109	1	12/23/2020 13:01	WG1594288
Phorate	U		0.0229	0.109	1	12/23/2020 13:01	WG1594288
Ronnel	U		0.0163	0.109	1	12/23/2020 13:01	WG1594288
Stirophos	U		0.0195	0.109	1	12/23/2020 13:01	WG1594288
Sulfotep	U		0.0108	0.109	1	12/23/2020 13:01	WG1594288
TEPP	U		0.172	1.09	1	12/23/2020 13:01	WG1594288
Tokuthion (Prothothiofos)	U		0.0164	0.109	1	12/23/2020 13:01	WG1594288
Trichloronate	U		0.0220	0.109	1	12/23/2020 13:01	WG1594288
(S) Triphenyl Phosphate	*83.6*			*36.0-121*		*12/23/2020 13:01*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00411	0.0219	1	12/24/2020 14:27	WG1597034
Alpha BHC	U		0.00402	0.0219	1	12/24/2020 14:27	WG1597034
Beta BHC	U		0.00414	0.0219	1	12/24/2020 14:27	WG1597034
Delta BHC	U		0.00378	0.0219	1	12/24/2020 14:27	WG1597034
Gamma BHC	U		0.00376	0.0219	1	12/24/2020 14:27	WG1597034
4,4-DDD	U		0.00404	0.0219	1	12/24/2020 14:27	WG1597034
4,4-DDE	0.00904	J	0.00400	0.0219	1	12/24/2020 14:27	WG1597034
4,4-DDT	U		0.00685	0.0219	1	12/24/2020 14:27	WG1597034
Dieldrin	U		0.00376	0.0219	1	12/24/2020 14:27	WG1597034
Endosulfan I	U		0.00397	0.0219	1	12/24/2020 14:27	WG1597034
Endosulfan II	U		0.00366	0.0219	1	12/24/2020 14:27	WG1597034
Endosulfan sulfate	U		0.00398	0.0219	1	12/24/2020 14:27	WG1597034
Endrin	U		0.00382	0.0219	1	12/24/2020 14:27	WG1597034
Endrin aldehyde	U		0.00370	0.0219	1	12/24/2020 14:27	WG1597034
Endrin ketone	U		0.00777	0.0219	1	12/24/2020 14:27	WG1597034
Heptachlor	U		0.00468	0.0219	1	12/24/2020 14:27	WG1597034
Heptachlor epoxide	U		0.00370	0.0219	1	12/24/2020 14:27	WG1597034
Hexachlorobenzene	U		0.00378	0.0219	1	12/24/2020 14:27	WG1597034
Methoxychlor	U		0.00529	0.0219	1	12/24/2020 14:27	WG1597034
Chlordane	U		0.113	0.328	1	12/24/2020 14:27	WG1597034
Toxaphene	U		0.135	0.437	1	12/24/2020 14:27	WG1597034
(S) Decachlorobiphenyl	*185*	J1		*10.0-135*		*12/24/2020 14:27*	WG1597034
(S) Tetrachloro-m-xylene	*98.2*			*10.0-139*		*12/24/2020 14:27*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.7		1	12/19/2020 09:33	WG1594415

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.35	J	1.18	3.55	25	12/24/2020 17:59	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*		*12/24/2020 17:59*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0518	0.0710	1	12/20/2020 14:04	WG1595022
Acrylonitrile	U		0.00512	0.0177	1	12/20/2020 14:04	WG1595022
Benzene	U		0.000663	0.00142	1	12/20/2020 14:04	WG1595022
Bromobenzene	U		0.00128	0.0177	1	12/20/2020 14:04	WG1595022
Bromodichloromethane	U		0.00103	0.00355	1	12/20/2020 14:04	WG1595022
Bromoform	U		0.00166	0.0355	1	12/20/2020 14:04	WG1595022
Bromomethane	U		0.00280	0.0177	1	12/20/2020 14:04	WG1595022
n-Butylbenzene	U		0.00745	0.0177	1	12/20/2020 14:04	WG1595022
sec-Butylbenzene	U		0.00409	0.0177	1	12/20/2020 14:04	WG1595022
tert-Butylbenzene	U		0.00277	0.00710	1	12/20/2020 14:04	WG1595022
Carbon tetrachloride	U		0.00127	0.00710	1	12/20/2020 14:04	WG1595022
Chlorobenzene	U		0.000298	0.00355	1	12/20/2020 14:04	WG1595022
Chlorodibromomethane	U		0.000868	0.00355	1	12/20/2020 14:04	WG1595022
Chloroethane	U		0.00241	0.00710	1	12/20/2020 14:04	WG1595022
Chloroform	U		0.00146	0.00355	1	12/20/2020 14:04	WG1595022
Chloromethane	U		0.00617	0.0177	1	12/20/2020 14:04	WG1595022
2-Chlorotoluene	U		0.00123	0.00355	1	12/20/2020 14:04	WG1595022
4-Chlorotoluene	U		0.000639	0.00710	1	12/20/2020 14:04	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00553	0.0355	1	12/20/2020 14:04	WG1595022
1,2-Dibromoethane	U		0.000920	0.00355	1	12/20/2020 14:04	WG1595022
Dibromomethane	U		0.00106	0.00710	1	12/20/2020 14:04	WG1595022
1,2-Dichlorobenzene	U		0.000603	0.00710	1	12/20/2020 14:04	WG1595022
1,3-Dichlorobenzene	U		0.000851	0.00710	1	12/20/2020 14:04	WG1595022
1,4-Dichlorobenzene	U		0.000993	0.00710	1	12/20/2020 14:04	WG1595022
Dichlorodifluoromethane	U		0.00228	0.00355	1	12/20/2020 14:04	WG1595022
1,1-Dichloroethane	U		0.000697	0.00355	1	12/20/2020 14:04	WG1595022
1,2-Dichloroethane	U		0.000921	0.00355	1	12/20/2020 14:04	WG1595022
1,1-Dichloroethene	U		0.000860	0.00355	1	12/20/2020 14:04	WG1595022
cis-1,2-Dichloroethene	U		0.00104	0.00355	1	12/20/2020 14:04	WG1595022
trans-1,2-Dichloroethene	U		0.00148	0.00710	1	12/20/2020 14:04	WG1595022
1,2-Dichloropropane	U		0.00202	0.00710	1	12/20/2020 14:04	WG1595022
1,1-Dichloropropene	U		0.00115	0.00355	1	12/20/2020 14:04	WG1595022
1,3-Dichloropropane	U		0.000711	0.00710	1	12/20/2020 14:04	WG1595022
cis-1,3-Dichloropropene	U		0.00107	0.00355	1	12/20/2020 14:04	WG1595022
trans-1,3-Dichloropropene	U		0.00162	0.00710	1	12/20/2020 14:04	WG1595022
2,2-Dichloropropane	U		0.00196	0.00355	1	12/20/2020 14:04	WG1595022
Di-isopropyl ether	U		0.000582	0.00142	1	12/20/2020 14:04	WG1595022
Ethylbenzene	U		0.00105	0.00355	1	12/20/2020 14:04	WG1595022
Hexachloro-1,3-butadiene	U		0.00851	0.0355	1	12/20/2020 14:04	WG1595022
Isopropylbenzene	U		0.000603	0.00355	1	12/20/2020 14:04	WG1595022
p-Isopropyltoluene	U		0.00362	0.00710	1	12/20/2020 14:04	WG1595022
2-Butanone (MEK)	U		0.0901	0.142	1	12/20/2020 14:04	WG1595022
Methylene Chloride	U		0.00942	0.0355	1	12/20/2020 14:04	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00324	0.0355	1	12/20/2020 14:04	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000497	0.00142	1	12/20/2020 14:04	WG1595022
Naphthalene	U		0.00693	0.0177	1	12/20/2020 14:04	WG1595022
n-Propylbenzene	U		0.00135	0.00710	1	12/20/2020 14:04	WG1595022
Styrene	U		0.000325	0.0177	1	12/20/2020 14:04	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00135	0.00355	1	12/20/2020 14:04	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000986	0.00355	1	12/20/2020 14:04	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00107	0.00355	1	12/20/2020 14:04	WG1595022
Tetrachloroethene	U		0.00127	0.00355	1	12/20/2020 14:04	WG1595022
Toluene	U		0.00184	0.00710	1	12/20/2020 14:04	WG1595022
1,2,3-Trichlorobenzene	U		0.0104	0.0177	1	12/20/2020 14:04	WG1595022
1,2,4-Trichlorobenzene	U		0.00624	0.0177	1	12/20/2020 14:04	WG1595022
1,1,1-Trichloroethane	U		0.00131	0.00355	1	12/20/2020 14:04	WG1595022
1,1,2-Trichloroethane	U		0.000847	0.00355	1	12/20/2020 14:04	WG1595022
Trichloroethene	U		0.000829	0.00142	1	12/20/2020 14:04	WG1595022
Trichlorofluoromethane	U		0.00117	0.00355	1	12/20/2020 14:04	WG1595022
1,2,3-Trichloropropane	U		0.00230	0.0177	1	12/20/2020 14:04	WG1595022
1,2,4-Trimethylbenzene	U		0.00224	0.00710	1	12/20/2020 14:04	WG1595022
1,2,3-Trimethylbenzene	U		0.00224	0.00710	1	12/20/2020 14:04	WG1595022
1,3,5-Trimethylbenzene	U		0.00284	0.00710	1	12/20/2020 14:04	WG1595022
Vinyl chloride	U		0.00165	0.00355	1	12/20/2020 14:04	WG1595022
Xylenes, Total	U		0.00125	0.00922	1	12/20/2020 14:04	WG1595022
(S) Toluene-d8	*110*			*75.0-131*		*12/20/2020 14:04*	WG1595022
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*12/20/2020 14:04*	WG1595022
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*12/20/2020 14:04*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00652	0.0403	1	12/21/2020 15:29	WG1594297
Acenaphthylene	U		0.00567	0.0403	1	12/21/2020 15:29	WG1594297
Anthracene	U		0.00717	0.0403	1	12/21/2020 15:29	WG1594297
Benzo(a)anthracene	U		0.00710	0.0403	1	12/21/2020 15:29	WG1594297
Benzo(b)fluoranthene	U		0.00751	0.0403	1	12/21/2020 15:29	WG1594297
Benzo(k)fluoranthene	U		0.00716	0.0403	1	12/21/2020 15:29	WG1594297
Benzo(g,h,i)perylene	U		0.00736	0.0403	1	12/21/2020 15:29	WG1594297
Benzo(a)pyrene	U		0.00748	0.0403	1	12/21/2020 15:29	WG1594297
Bis(2-chlorethoxy)methane	U		0.0121	0.403	1	12/21/2020 15:29	WG1594297
Bis(2-chloroethyl)ether	U		0.0133	0.403	1	12/21/2020 15:29	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0174	0.403	1	12/21/2020 15:29	WG1594297
4-Bromophenyl-phenylether	U		0.0141	0.403	1	12/21/2020 15:29	WG1594297
2-Chloronaphthalene	U		0.00707	0.0403	1	12/21/2020 15:29	WG1594297
4-Chlorophenyl-phenylether	U		0.0140	0.403	1	12/21/2020 15:29	WG1594297
Chrysene	U		0.00800	0.0403	1	12/21/2020 15:29	WG1594297
Dibenz(a,h)anthracene	U		0.0112	0.0403	1	12/21/2020 15:29	WG1594297
3,3-Dichlorobenzidine	U		0.0149	0.403	1	12/21/2020 15:29	WG1594297
2,4-Dinitrotoluene	U		0.0115	0.403	1	12/21/2020 15:29	WG1594297
2,6-Dinitrotoluene	U		0.0132	0.403	1	12/21/2020 15:29	WG1594297
Fluoranthene	0.0126	J	0.00727	0.0403	1	12/21/2020 15:29	WG1594297
Fluorene	U		0.00655	0.0403	1	12/21/2020 15:29	WG1594297
Hexachlorobenzene	U		0.0143	0.403	1	12/21/2020 15:29	WG1594297
Hexachloro-1,3-butadiene	U		0.0135	0.403	1	12/21/2020 15:29	WG1594297
Hexachlorocyclopentadiene	U		0.0212	0.403	1	12/21/2020 15:29	WG1594297
Hexachloroethane	U		0.0158	0.403	1	12/21/2020 15:29	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0114	0.0403	1	12/21/2020 15:29	WG1594297
Isophorone	U		0.0123	0.403	1	12/21/2020 15:29	WG1594297
Naphthalene	U		0.0101	0.0403	1	12/21/2020 15:29	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0140	0.403	1	12/21/2020 15:29	WG1594297
n-Nitrosodimethylamine	U		0.0597	0.403	1	12/21/2020 15:29	WG1594297
n-Nitrosodiphenylamine	U		0.0305	0.403	1	12/21/2020 15:29	WG1594297
n-Nitrosodi-n-propylamine	U		0.0134	0.403	1	12/21/2020 15:29	WG1594297
Phenanthrene	0.0115	J	0.00799	0.0403	1	12/21/2020 15:29	WG1594297
Pyridine	U		0.0266	0.403	1	12/21/2020 15:29	WG1594297
Benzylbutyl phthalate	U		0.0126	0.403	1	12/21/2020 15:29	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0510	0.403	1	12/21/2020 15:29	WG1594297
Di-n-butyl phthalate	U		0.0138	0.403	1	12/21/2020 15:29	WG1594297
Diethyl phthalate	U		0.0133	0.403	1	12/21/2020 15:29	WG1594297
Dimethyl phthalate	U		0.0854	0.403	1	12/21/2020 15:29	WG1594297
Di-n-octyl phthalate	U		0.0272	0.403	1	12/21/2020 15:29	WG1594297
Pyrene	0.00874	J	0.00783	0.0403	1	12/21/2020 15:29	WG1594297
1,2,4-Trichlorobenzene	U		0.0126	0.403	1	12/21/2020 15:29	WG1594297
4-Chloro-3-methylphenol	U		0.0131	0.403	1	12/21/2020 15:29	WG1594297
2-Chlorophenol	U		0.0133	0.403	1	12/21/2020 15:29	WG1594297
2,4-Dichlorophenol	U		0.0117	0.403	1	12/21/2020 15:29	WG1594297
2,4-Dimethylphenol	U		0.0105	0.403	1	12/21/2020 15:29	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0913	0.403	1	12/21/2020 15:29	WG1594297
2,4-Dinitrophenol	U		0.0942	0.403	1	12/21/2020 15:29	WG1594297
2-Methylphenol	U		0.0121	0.403	1	12/21/2020 15:29	WG1594297
3&4-Methyl Phenol	U		0.0126	0.403	1	12/21/2020 15:29	WG1594297
2-Nitrophenol	U		0.0144	0.403	1	12/21/2020 15:29	WG1594297
4-Nitrophenol	U		0.0126	0.403	1	12/21/2020 15:29	WG1594297
Pentachlorophenol	U		0.0108	0.403	1	12/21/2020 15:29	WG1594297
Phenol	U		0.0162	0.403	1	12/21/2020 15:29	WG1594297
2,4,6-Trichlorophenol	U		0.0129	0.403	1	12/21/2020 15:29	WG1594297
2,4,5-Trichlorophenol	U		0.0137	0.403	1	12/21/2020 15:29	WG1594297
(S) 2-Fluorophenol	*49.7*			*12.0-120*		*12/21/2020 15:29*	WG1594297
(S) Phenol-d5	*47.0*			*10.0-120*		*12/21/2020 15:29*	WG1594297
(S) Nitrobenzene-d5	*40.2*			*10.0-122*		*12/21/2020 15:29*	WG1594297
(S) 2-Fluorobiphenyl	*41.8*			*15.0-120*		*12/21/2020 15:29*	WG1594297
(S) 2,4,6-Tribromophenol	*42.1*			*10.0-127*		*12/21/2020 15:29*	WG1594297
(S) p-Terphenyl-d14	*42.4*			*10.0-120*		*12/21/2020 15:29*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.8		1	12/19/2020 09:33	WG1594415

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.109		0.0203	0.0450	1	01/02/2021 02:17	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.613	2.25	1	12/21/2020 20:05	WG1594434
Arsenic	3.43		0.583	2.25	1	12/21/2020 20:05	WG1594434
Barium	153		0.0959	0.563	1	12/21/2020 20:05	WG1594434
Beryllium	0.431		0.0355	0.225	1	12/21/2020 20:05	WG1594434
Cadmium	0.213	J	0.0530	0.563	1	12/21/2020 20:05	WG1594434
Chromium	45.6		0.150	1.13	1	12/21/2020 20:05	WG1594434
Cobalt	12.2		0.0913	1.13	1	12/21/2020 20:05	WG1594434
Copper	20.0		0.450	2.25	1	12/21/2020 20:05	WG1594434
Lead	13.2		0.234	0.563	1	12/21/2020 20:05	WG1594434
Molybdenum	U		0.123	0.563	1	12/21/2020 20:05	WG1594434
Nickel	52.8		0.149	2.25	1	12/21/2020 20:05	WG1594434
Selenium	U		0.860	2.25	1	12/21/2020 20:05	WG1594434
Silver	U		0.143	1.13	1	12/21/2020 20:05	WG1594434
Thallium	0.550	J	0.444	2.25	1	12/21/2020 20:05	WG1594434
Vanadium	51.3		0.570	2.25	1	12/21/2020 20:05	WG1594434
Zinc	53.0		0.937	5.63	1	12/21/2020 20:05	WG1594434

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	7.66	J	1.66	9.01	2	12/22/2020 10:45	WG1595061
C22-C32 Hydrocarbons	36.7		3.00	9.01	2	12/22/2020 10:45	WG1595061
C32-C40 Hydrocarbons	30.6		3.00	9.01	2	12/22/2020 10:45	WG1595061
(S) o-Terphenyl	*78.3*			*18.0-148*		*12/22/2020 10:45*	WG1595061

Sample Narrative:

L1298078-31 WG1595061: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00790	0.0788	1	12/23/2020 22:40	WG1594825
Dalapon	U		0.0127	0.0788	1	12/23/2020 22:40	WG1594825
2,4-DB	U		0.0334	0.0788	1	12/23/2020 22:40	WG1594825
Dicamba	U		0.0177	0.0788	1	12/23/2020 22:40	WG1594825
Dichloroprop	U		0.0276	0.0788	1	12/23/2020 22:40	WG1594825
Dinoseb	U		0.00785	0.0788	1	12/23/2020 22:40	WG1594825
MCPA	U	J4	0.499	7.32	1	12/23/2020 22:40	WG1594825
MCPP	U	J4	0.413	7.32	1	12/23/2020 22:40	WG1594825
2,4,5-T	U		0.00959	0.0788	1	12/23/2020 22:40	WG1594825
2,4,5-TP (Silvex)	U		0.0120	0.0788	1	12/23/2020 22:40	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*50.6*			*22.0-132*		*12/23/2020 22:40*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0358	0.113	1	12/23/2020 13:34	WG1594288
Bolstar (Sulprofos)	U		0.0168	0.113	1	12/23/2020 13:34	WG1594288
Chlorpyrifos	U		0.0177	0.113	1	12/23/2020 13:34	WG1594288
Coumaphos	U		0.0274	0.113	1	12/23/2020 13:34	WG1594288
Demeton,-O and -S	U		0.00658	0.0788	1	12/23/2020 13:34	WG1594288
Diazinon	U		0.0253	0.113	1	12/23/2020 13:34	WG1594288
Dichlorvos	U		0.0338	0.113	1	12/23/2020 13:34	WG1594288
Dimethoate	U		0.0376	0.113	1	12/23/2020 13:34	WG1594288
Disulfoton	U		0.0286	0.113	1	12/23/2020 13:34	WG1594288
EPN	U		0.0311	0.113	1	12/23/2020 13:34	WG1594288
Ethoprop	U		0.0133	0.113	1	12/23/2020 13:34	WG1594288
Ethyl Parathion	U		0.0185	0.113	1	12/23/2020 13:34	WG1594288
Fensulfothion	U		0.0397	0.113	1	12/23/2020 13:34	WG1594288
Fenthion	U		0.0150	0.113	1	12/23/2020 13:34	WG1594288
Malathion	U		0.0202	0.113	1	12/23/2020 13:34	WG1594288
Merphos	U		0.0261	0.113	1	12/23/2020 13:34	WG1594288
Methyl parathion	U		0.0229	0.113	1	12/23/2020 13:34	WG1594288
Mevinphos	U		0.0259	0.113	1	12/23/2020 13:34	WG1594288
Naled	U		0.0540	0.113	1	12/23/2020 13:34	WG1594288
Phorate	U		0.0236	0.113	1	12/23/2020 13:34	WG1594288
Ronnel	U		0.0168	0.113	1	12/23/2020 13:34	WG1594288
Stirophos	U		0.0200	0.113	1	12/23/2020 13:34	WG1594288
Sulfotep	U		0.0111	0.113	1	12/23/2020 13:34	WG1594288
TEPP	U		0.177	1.13	1	12/23/2020 13:34	WG1594288
Tokuthion (Prothothiofos)	U		0.0169	0.113	1	12/23/2020 13:34	WG1594288
Trichloronate	U		0.0226	0.113	1	12/23/2020 13:34	WG1594288
(S) Triphenyl Phosphate	*83.4*			*36.0-121*		*12/23/2020 13:34*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00423	0.0225	1	12/24/2020 14:40	WG1597034
Alpha BHC	U		0.00414	0.0225	1	12/24/2020 14:40	WG1597034
Beta BHC	U		0.00427	0.0225	1	12/24/2020 14:40	WG1597034
Delta BHC	U		0.00390	0.0225	1	12/24/2020 14:40	WG1597034
Gamma BHC	U		0.00387	0.0225	1	12/24/2020 14:40	WG1597034
4,4-DDD	0.0223	J	0.00417	0.0225	1	12/24/2020 14:40	WG1597034
4,4-DDE	0.133		0.00412	0.0225	1	12/24/2020 14:40	WG1597034
4,4-DDT	0.0102	J	0.00706	0.0225	1	12/24/2020 14:40	WG1597034
Dieldrin	0.00832	J	0.00387	0.0225	1	12/24/2020 14:40	WG1597034
Endosulfan I	U		0.00409	0.0225	1	12/24/2020 14:40	WG1597034
Endosulfan II	U		0.00377	0.0225	1	12/24/2020 14:40	WG1597034
Endosulfan sulfate	U		0.00410	0.0225	1	12/24/2020 14:40	WG1597034
Endrin	U		0.00394	0.0225	1	12/24/2020 14:40	WG1597034
Endrin aldehyde	U		0.00382	0.0225	1	12/24/2020 14:40	WG1597034
Endrin ketone	U		0.00801	0.0225	1	12/24/2020 14:40	WG1597034
Heptachlor	U		0.00482	0.0225	1	12/24/2020 14:40	WG1597034
Heptachlor epoxide	U		0.00382	0.0225	1	12/24/2020 14:40	WG1597034
Hexachlorobenzene	U		0.00390	0.0225	1	12/24/2020 14:40	WG1597034
Methoxychlor	U		0.00545	0.0225	1	12/24/2020 14:40	WG1597034
Chlordane	U		0.116	0.338	1	12/24/2020 14:40	WG1597034
Toxaphene	U		0.140	0.450	1	12/24/2020 14:40	WG1597034
(S) Decachlorobiphenyl	*87.0*			*10.0-135*		*12/24/2020 14:40*	WG1597034
(S) Tetrachloro-m-xylene	*92.8*			*10.0-139*		*12/24/2020 14:40*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.0		1	12/19/2020 09:33	WG1594415

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.06	3.18	25	12/24/2020 18:20	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*12/24/2020 18:20*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0464	0.0636	1	12/20/2020 14:23	WG1595022
Acrylonitrile	U		0.00459	0.0159	1	12/20/2020 14:23	WG1595022
Benzene	U		0.000594	0.00127	1	12/20/2020 14:23	WG1595022
Bromobenzene	U		0.00115	0.0159	1	12/20/2020 14:23	WG1595022
Bromodichloromethane	U		0.000922	0.00318	1	12/20/2020 14:23	WG1595022
Bromoform	U		0.00149	0.0318	1	12/20/2020 14:23	WG1595022
Bromomethane	U		0.00251	0.0159	1	12/20/2020 14:23	WG1595022
n-Butylbenzene	U		0.00668	0.0159	1	12/20/2020 14:23	WG1595022
sec-Butylbenzene	U		0.00366	0.0159	1	12/20/2020 14:23	WG1595022
tert-Butylbenzene	U		0.00248	0.00636	1	12/20/2020 14:23	WG1595022
Carbon tetrachloride	U		0.00114	0.00636	1	12/20/2020 14:23	WG1595022
Chlorobenzene	U		0.000267	0.00318	1	12/20/2020 14:23	WG1595022
Chlorodibromomethane	U		0.000779	0.00318	1	12/20/2020 14:23	WG1595022
Chloroethane	U		0.00216	0.00636	1	12/20/2020 14:23	WG1595022
Chloroform	U		0.00131	0.00318	1	12/20/2020 14:23	WG1595022
Chloromethane	U		0.00553	0.0159	1	12/20/2020 14:23	WG1595022
2-Chlorotoluene	U		0.00110	0.00318	1	12/20/2020 14:23	WG1595022
4-Chlorotoluene	U		0.000573	0.00636	1	12/20/2020 14:23	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00496	0.0318	1	12/20/2020 14:23	WG1595022
1,2-Dibromoethane	U		0.000824	0.00318	1	12/20/2020 14:23	WG1595022
Dibromomethane	U		0.000954	0.00636	1	12/20/2020 14:23	WG1595022
1,2-Dichlorobenzene	U		0.000541	0.00636	1	12/20/2020 14:23	WG1595022
1,3-Dichlorobenzene	U		0.000763	0.00636	1	12/20/2020 14:23	WG1595022
1,4-Dichlorobenzene	U		0.000891	0.00636	1	12/20/2020 14:23	WG1595022
Dichlorodifluoromethane	U		0.00205	0.00318	1	12/20/2020 14:23	WG1595022
1,1-Dichloroethane	U		0.000625	0.00318	1	12/20/2020 14:23	WG1595022
1,2-Dichloroethane	U		0.000826	0.00318	1	12/20/2020 14:23	WG1595022
1,1-Dichloroethene	U		0.000771	0.00318	1	12/20/2020 14:23	WG1595022
cis-1,2-Dichloroethene	U		0.000934	0.00318	1	12/20/2020 14:23	WG1595022
trans-1,2-Dichloroethene	U		0.00132	0.00636	1	12/20/2020 14:23	WG1595022
1,2-Dichloropropane	U		0.00181	0.00636	1	12/20/2020 14:23	WG1595022
1,1-Dichloropropene	U		0.00103	0.00318	1	12/20/2020 14:23	WG1595022
1,3-Dichloropropane	U		0.000637	0.00636	1	12/20/2020 14:23	WG1595022
cis-1,3-Dichloropropene	U		0.000963	0.00318	1	12/20/2020 14:23	WG1595022
trans-1,3-Dichloropropene	U		0.00145	0.00636	1	12/20/2020 14:23	WG1595022
2,2-Dichloropropane	U		0.00176	0.00318	1	12/20/2020 14:23	WG1595022
Di-isopropyl ether	U		0.000522	0.00127	1	12/20/2020 14:23	WG1595022
Ethylbenzene	U		0.000938	0.00318	1	12/20/2020 14:23	WG1595022
Hexachloro-1,3-butadiene	U		0.00763	0.0318	1	12/20/2020 14:23	WG1595022
Isopropylbenzene	U		0.000541	0.00318	1	12/20/2020 14:23	WG1595022
p-Isopropyltoluene	U		0.00324	0.00636	1	12/20/2020 14:23	WG1595022
2-Butanone (MEK)	U		0.0808	0.127	1	12/20/2020 14:23	WG1595022
Methylene Chloride	U		0.00845	0.0318	1	12/20/2020 14:23	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00290	0.0318	1	12/20/2020 14:23	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000445	0.00127	1	12/20/2020 14:23	WG1595022
Naphthalene	U		0.00621	0.0159	1	12/20/2020 14:23	WG1595022
n-Propylbenzene	U		0.00121	0.00636	1	12/20/2020 14:23	WG1595022
Styrene	U		0.000291	0.0159	1	12/20/2020 14:23	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00121	0.00318	1	12/20/2020 14:23	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000884	0.00318	1	12/20/2020 14:23	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000959	0.00318	1	12/20/2020 14:23	WG1595022
Tetrachloroethene	U		0.00114	0.00318	1	12/20/2020 14:23	WG1595022
Toluene	U		0.00165	0.00636	1	12/20/2020 14:23	WG1595022
1,2,3-Trichlorobenzene	U		0.00933	0.0159	1	12/20/2020 14:23	WG1595022
1,2,4-Trichlorobenzene	U		0.00560	0.0159	1	12/20/2020 14:23	WG1595022
1,1,1-Trichloroethane	U		0.00117	0.00318	1	12/20/2020 14:23	WG1595022
1,1,2-Trichloroethane	U		0.000760	0.00318	1	12/20/2020 14:23	WG1595022
Trichloroethene	U		0.000743	0.00127	1	12/20/2020 14:23	WG1595022
Trichlorofluoromethane	U		0.00105	0.00318	1	12/20/2020 14:23	WG1595022
1,2,3-Trichloropropane	U		0.00206	0.0159	1	12/20/2020 14:23	WG1595022
1,2,4-Trimethylbenzene	U		0.00201	0.00636	1	12/20/2020 14:23	WG1595022
1,2,3-Trimethylbenzene	U		0.00201	0.00636	1	12/20/2020 14:23	WG1595022
1,3,5-Trimethylbenzene	U		0.00254	0.00636	1	12/20/2020 14:23	WG1595022
Vinyl chloride	U		0.00148	0.00318	1	12/20/2020 14:23	WG1595022
Xylenes, Total	U		0.00112	0.00827	1	12/20/2020 14:23	WG1595022
(S) Toluene-d8	*112*			*75.0-131*		*12/20/2020 14:23*	WG1595022
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 14:23*	WG1595022
(S) 1,2-Dichloroethane-d4	*76.8*			*70.0-130*		*12/20/2020 14:23*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00612	0.0378	1	12/21/2020 16:31	WG1594297
Acenaphthylene	U		0.00533	0.0378	1	12/21/2020 16:31	WG1594297
Anthracene	U		0.00674	0.0378	1	12/21/2020 16:31	WG1594297
Benzo(a)anthracene	0.0128	J	0.00667	0.0378	1	12/21/2020 16:31	WG1594297
Benzo(b)fluoranthene	0.0145	J	0.00705	0.0378	1	12/21/2020 16:31	WG1594297
Benzo(k)fluoranthene	U		0.00672	0.0378	1	12/21/2020 16:31	WG1594297
Benzo(g,h,i)perylene	U		0.00692	0.0378	1	12/21/2020 16:31	WG1594297
Benzo(a)pyrene	U		0.00703	0.0378	1	12/21/2020 16:31	WG1594297
Bis(2-chlorethoxy)methane	U		0.0114	0.378	1	12/21/2020 16:31	WG1594297
Bis(2-chloroethyl)ether	U		0.0125	0.378	1	12/21/2020 16:31	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0164	0.378	1	12/21/2020 16:31	WG1594297
4-Bromophenyl-phenylether	U		0.0133	0.378	1	12/21/2020 16:31	WG1594297
2-Chloronaphthalene	U		0.00665	0.0378	1	12/21/2020 16:31	WG1594297
4-Chlorophenyl-phenylether	U		0.0132	0.378	1	12/21/2020 16:31	WG1594297
Chrysene	0.0131	J	0.00752	0.0378	1	12/21/2020 16:31	WG1594297
Dibenz(a,h)anthracene	U		0.0105	0.0378	1	12/21/2020 16:31	WG1594297
3,3-Dichlorobenzidine	U		0.0140	0.378	1	12/21/2020 16:31	WG1594297
2,4-Dinitrotoluene	U		0.0108	0.378	1	12/21/2020 16:31	WG1594297
2,6-Dinitrotoluene	U		0.0124	0.378	1	12/21/2020 16:31	WG1594297
Fluoranthene	0.0326	J	0.00683	0.0378	1	12/21/2020 16:31	WG1594297
Fluorene	U		0.00616	0.0378	1	12/21/2020 16:31	WG1594297
Hexachlorobenzene	U		0.0134	0.378	1	12/21/2020 16:31	WG1594297
Hexachloro-1,3-butadiene	U		0.0127	0.378	1	12/21/2020 16:31	WG1594297
Hexachlorocyclopentadiene	U		0.0199	0.378	1	12/21/2020 16:31	WG1594297
Hexachloroethane	U		0.0149	0.378	1	12/21/2020 16:31	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0107	0.0378	1	12/21/2020 16:31	WG1594297
Isophorone	U		0.0116	0.378	1	12/21/2020 16:31	WG1594297
Naphthalene	U		0.00950	0.0378	1	12/21/2020 16:31	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0132	0.378	1	12/21/2020 16:31	WG1594297
n-Nitrosodimethylamine	U		0.0561	0.378	1	12/21/2020 16:31	WG1594297
n-Nitrosodiphenylamine	U		0.0286	0.378	1	12/21/2020 16:31	WG1594297
n-Nitrosodi-n-propylamine	U		0.0126	0.378	1	12/21/2020 16:31	WG1594297
Phenanthrene	0.0284	J	0.00751	0.0378	1	12/21/2020 16:31	WG1594297
Pyridine	U		0.0250	0.378	1	12/21/2020 16:31	WG1594297
Benzylbutyl phthalate	U		0.0118	0.378	1	12/21/2020 16:31	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0479	0.378	1	12/21/2020 16:31	WG1594297
Di-n-butyl phthalate	U		0.0129	0.378	1	12/21/2020 16:31	WG1594297
Diethyl phthalate	U		0.0125	0.378	1	12/21/2020 16:31	WG1594297
Dimethyl phthalate	U		0.0802	0.378	1	12/21/2020 16:31	WG1594297
Di-n-octyl phthalate	U		0.0256	0.378	1	12/21/2020 16:31	WG1594297
Pyrene	0.0286	J	0.00736	0.0378	1	12/21/2020 16:31	WG1594297
1,2,4-Trichlorobenzene	U		0.0118	0.378	1	12/21/2020 16:31	WG1594297
4-Chloro-3-methylphenol	U		0.0123	0.378	1	12/21/2020 16:31	WG1594297
2-Chlorophenol	U		0.0125	0.378	1	12/21/2020 16:31	WG1594297
2,4-Dichlorophenol	U		0.0110	0.378	1	12/21/2020 16:31	WG1594297
2,4-Dimethylphenol	U		0.00988	0.378	1	12/21/2020 16:31	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0858	0.378	1	12/21/2020 16:31	WG1594297
2,4-Dinitrophenol	U		0.0885	0.378	1	12/21/2020 16:31	WG1594297
2-Methylphenol	U		0.0114	0.378	1	12/21/2020 16:31	WG1594297
3&4-Methyl Phenol	U		0.0118	0.378	1	12/21/2020 16:31	WG1594297
2-Nitrophenol	U		0.0135	0.378	1	12/21/2020 16:31	WG1594297
4-Nitrophenol	U		0.0118	0.378	1	12/21/2020 16:31	WG1594297
Pentachlorophenol	U		0.0102	0.378	1	12/21/2020 16:31	WG1594297
Phenol	U		0.0152	0.378	1	12/21/2020 16:31	WG1594297
2,4,6-Trichlorophenol	U		0.0122	0.378	1	12/21/2020 16:31	WG1594297
2,4,5-Trichlorophenol	U		0.0128	0.378	1	12/21/2020 16:31	WG1594297
(S) 2-Fluorophenol	*50.8*			*12.0-120*		*12/21/2020 16:31*	WG1594297
(S) Phenol-d5	*48.8*			*10.0-120*		*12/21/2020 16:31*	WG1594297
(S) Nitrobenzene-d5	*41.0*			*10.0-122*		*12/21/2020 16:31*	WG1594297
(S) 2-Fluorobiphenyl	*43.7*			*15.0-120*		*12/21/2020 16:31*	WG1594297
(S) 2,4,6-Tribromophenol	*43.8*			*10.0-127*		*12/21/2020 16:31*	WG1594297
(S) p-Terphenyl-d14	*43.4*			*10.0-120*		*12/21/2020 16:31*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.0		1	12/19/2020 09:33	WG1594415

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0409	J	0.0202	0.0449	1	01/02/2021 02:18	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.611	2.25	1	12/21/2020 12:03	WG1594442
Arsenic	3.82		0.582	2.25	1	12/21/2020 12:03	WG1594442
Barium	145		0.0957	0.562	1	12/21/2020 12:03	WG1594442
Beryllium	0.414		0.0354	0.225	1	12/21/2020 12:03	WG1594442
Cadmium	0.444	J	0.0529	0.562	1	12/21/2020 12:03	WG1594442
Chromium	43.9		0.149	1.12	1	12/21/2020 12:03	WG1594442
Cobalt	9.79		0.0911	1.12	1	12/21/2020 12:03	WG1594442
Copper	22.4		0.449	2.25	1	12/21/2020 12:03	WG1594442
Lead	10.4		0.234	0.562	1	12/21/2020 12:03	WG1594442
Molybdenum	0.134	J	0.122	0.562	1	12/21/2020 12:03	WG1594442
Nickel	46.3		0.148	2.25	1	12/21/2020 12:03	WG1594442
Selenium	U		0.858	2.25	1	12/21/2020 12:03	WG1594442
Silver	U		0.143	1.12	1	12/21/2020 12:03	WG1594442
Thallium	U		0.443	2.25	1	12/21/2020 12:03	WG1594442
Vanadium	48.2		0.568	2.25	1	12/21/2020 12:03	WG1594442
Zinc	54.5		0.935	5.62	1	12/21/2020 12:03	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	76.6		8.24	44.9	10	12/23/2020 14:47	WG1596047
C22-C32 Hydrocarbons	439		14.9	44.9	10	12/23/2020 14:47	WG1596047
C32-C40 Hydrocarbons	203		14.9	44.9	10	12/23/2020 14:47	WG1596047
(S) o-Terphenyl	*104*			*18.0-148*		*12/23/2020 14:47*	WG1596047

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00789	0.0786	1	12/23/2020 22:54	WG1594825
Dalapon	U		0.0127	0.0786	1	12/23/2020 22:54	WG1594825
2,4-DB	U		0.0334	0.0786	1	12/23/2020 22:54	WG1594825
Dicamba	U		0.0176	0.0786	1	12/23/2020 22:54	WG1594825
Dichloroprop	U		0.0275	0.0786	1	12/23/2020 22:54	WG1594825
Dinoseb	U		0.00783	0.0786	1	12/23/2020 22:54	WG1594825
MCPA	U	J4	0.498	7.30	1	12/23/2020 22:54	WG1594825
MCPP	U	J4	0.412	7.30	1	12/23/2020 22:54	WG1594825
2,4,5-T	U		0.00957	0.0786	1	12/23/2020 22:54	WG1594825
2,4,5-TP (Silvex)	U		0.0120	0.0786	1	12/23/2020 22:54	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*55.0*			*22.0-132*		*12/23/2020 22:54*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0357	0.112	1	12/23/2020 14:08	WG1594288
Bolstar (Sulprofos)	U		0.0167	0.112	1	12/23/2020 14:08	WG1594288
Chlorpyrifos	U		0.0176	0.112	1	12/23/2020 14:08	WG1594288
Coumaphos	U		0.0273	0.112	1	12/23/2020 14:08	WG1594288
Demeton,-O and -S	U		0.00656	0.0786	1	12/23/2020 14:08	WG1594288
Diazinon	U		0.0253	0.112	1	12/23/2020 14:08	WG1594288
Dichlorvos	U		0.0337	0.112	1	12/23/2020 14:08	WG1594288
Dimethoate	U		0.0375	0.112	1	12/23/2020 14:08	WG1594288
Disulfoton	U		0.0285	0.112	1	12/23/2020 14:08	WG1594288
EPN	U		0.0310	0.112	1	12/23/2020 14:08	WG1594288
Ethoprop	U		0.0133	0.112	1	12/23/2020 14:08	WG1594288
Ethyl Parathion	U		0.0184	0.112	1	12/23/2020 14:08	WG1594288
Fensulfothion	U		0.0397	0.112	1	12/23/2020 14:08	WG1594288
Fenthion	U		0.0149	0.112	1	12/23/2020 14:08	WG1594288
Malathion	U		0.0201	0.112	1	12/23/2020 14:08	WG1594288
Merphos	U		0.0261	0.112	1	12/23/2020 14:08	WG1594288
Methyl parathion	U		0.0228	0.112	1	12/23/2020 14:08	WG1594288
Mevinphos	U		0.0258	0.112	1	12/23/2020 14:08	WG1594288
Naled	U		0.0539	0.112	1	12/23/2020 14:08	WG1594288
Phorate	U		0.0236	0.112	1	12/23/2020 14:08	WG1594288
Ronnel	U		0.0167	0.112	1	12/23/2020 14:08	WG1594288
Stirophos	U		0.0200	0.112	1	12/23/2020 14:08	WG1594288
Sulfotep	U		0.0111	0.112	1	12/23/2020 14:08	WG1594288
TEPP	U		0.176	1.12	1	12/23/2020 14:08	WG1594288
Tokuthion (Prothothiofos)	U		0.0169	0.112	1	12/23/2020 14:08	WG1594288
Trichloronate	U		0.0226	0.112	1	12/23/2020 14:08	WG1594288
(S) Triphenyl Phosphate	*87.1*			*36.0-121*		*12/23/2020 14:08*	WG1594288

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00422	0.0225	1	12/24/2020 14:54	WG1597034
Alpha BHC	U		0.00413	0.0225	1	12/24/2020 14:54	WG1597034
Beta BHC	U		0.00426	0.0225	1	12/24/2020 14:54	WG1597034
Delta BHC	U		0.00389	0.0225	1	12/24/2020 14:54	WG1597034
Gamma BHC	U		0.00386	0.0225	1	12/24/2020 14:54	WG1597034
4,4-DDD	0.0288		0.00416	0.0225	1	12/24/2020 14:54	WG1597034
4,4-DDE	0.103		0.00411	0.0225	1	12/24/2020 14:54	WG1597034
4,4-DDT	0.0139	J	0.00704	0.0225	1	12/24/2020 14:54	WG1597034
Dieldrin	0.0322		0.00386	0.0225	1	12/24/2020 14:54	WG1597034
Endosulfan I	U		0.00408	0.0225	1	12/24/2020 14:54	WG1597034
Endosulfan II	U		0.00376	0.0225	1	12/24/2020 14:54	WG1597034
Endosulfan sulfate	U		0.00409	0.0225	1	12/24/2020 14:54	WG1597034
Endrin	U		0.00393	0.0225	1	12/24/2020 14:54	WG1597034
Endrin aldehyde	U		0.00381	0.0225	1	12/24/2020 14:54	WG1597034
Endrin ketone	U		0.00799	0.0225	1	12/24/2020 14:54	WG1597034
Heptachlor	U		0.00481	0.0225	1	12/24/2020 14:54	WG1597034
Heptachlor epoxide	U		0.00381	0.0225	1	12/24/2020 14:54	WG1597034
Hexachlorobenzene	U		0.00389	0.0225	1	12/24/2020 14:54	WG1597034
Methoxychlor	U		0.00544	0.0225	1	12/24/2020 14:54	WG1597034
Chlordane	0.628		0.116	0.337	1	12/24/2020 14:54	WG1597034
Toxaphene	U		0.139	0.449	1	12/24/2020 14:54	WG1597034
(S) Decachlorobiphenyl	*111*			*10.0-135*		*12/24/2020 14:54*	WG1597034
(S) Tetrachloro-m-xylene	*86.7*			*10.0-139*		*12/24/2020 14:54*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.4		1	12/19/2020 09:33	WG1594415

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.09	3.29	25	12/24/2020 18:41	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.0*			*77.0-120*		*12/24/2020 18:41*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0480	0.0658	1	12/20/2020 14:42	WG1595022
Acrylonitrile	U		0.00475	0.0164	1	12/20/2020 14:42	WG1595022
Benzene	U		0.000614	0.00132	1	12/20/2020 14:42	WG1595022
Bromobenzene	U		0.00118	0.0164	1	12/20/2020 14:42	WG1595022
Bromodichloromethane	U		0.000953	0.00329	1	12/20/2020 14:42	WG1595022
Bromoform	U		0.00154	0.0329	1	12/20/2020 14:42	WG1595022
Bromomethane	U		0.00259	0.0164	1	12/20/2020 14:42	WG1595022
n-Butylbenzene	U		0.00690	0.0164	1	12/20/2020 14:42	WG1595022
sec-Butylbenzene	U		0.00379	0.0164	1	12/20/2020 14:42	WG1595022
tert-Butylbenzene	U		0.00256	0.00658	1	12/20/2020 14:42	WG1595022
Carbon tetrachloride	U		0.00118	0.00658	1	12/20/2020 14:42	WG1595022
Chlorobenzene	U		0.000276	0.00329	1	12/20/2020 14:42	WG1595022
Chlorodibromomethane	U		0.000805	0.00329	1	12/20/2020 14:42	WG1595022
Chloroethane	U		0.00224	0.00658	1	12/20/2020 14:42	WG1595022
Chloroform	U		0.00135	0.00329	1	12/20/2020 14:42	WG1595022
Chloromethane	U		0.00572	0.0164	1	12/20/2020 14:42	WG1595022
2-Chlorotoluene	U		0.00114	0.00329	1	12/20/2020 14:42	WG1595022
4-Chlorotoluene	U		0.000592	0.00658	1	12/20/2020 14:42	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00513	0.0329	1	12/20/2020 14:42	WG1595022
1,2-Dibromoethane	U		0.000852	0.00329	1	12/20/2020 14:42	WG1595022
Dibromomethane	U		0.000986	0.00658	1	12/20/2020 14:42	WG1595022
1,2-Dichlorobenzene	U		0.000559	0.00658	1	12/20/2020 14:42	WG1595022
1,3-Dichlorobenzene	U		0.000789	0.00658	1	12/20/2020 14:42	WG1595022
1,4-Dichlorobenzene	U		0.000921	0.00658	1	12/20/2020 14:42	WG1595022
Dichlorodifluoromethane	U		0.00212	0.00329	1	12/20/2020 14:42	WG1595022
1,1-Dichloroethane	U		0.000646	0.00329	1	12/20/2020 14:42	WG1595022
1,2-Dichloroethane	U		0.000854	0.00329	1	12/20/2020 14:42	WG1595022
1,1-Dichloroethene	U		0.000797	0.00329	1	12/20/2020 14:42	WG1595022
cis-1,2-Dichloroethene	U		0.000965	0.00329	1	12/20/2020 14:42	WG1595022
trans-1,2-Dichloroethene	U		0.00137	0.00658	1	12/20/2020 14:42	WG1595022
1,2-Dichloropropane	U		0.00187	0.00658	1	12/20/2020 14:42	WG1595022
1,1-Dichloropropene	U		0.00106	0.00329	1	12/20/2020 14:42	WG1595022
1,3-Dichloropropane	U		0.000659	0.00658	1	12/20/2020 14:42	WG1595022
cis-1,3-Dichloropropene	U		0.000996	0.00329	1	12/20/2020 14:42	WG1595022
trans-1,3-Dichloropropene	U		0.00150	0.00658	1	12/20/2020 14:42	WG1595022
2,2-Dichloropropane	U		0.00181	0.00329	1	12/20/2020 14:42	WG1595022
Di-isopropyl ether	U		0.000539	0.00132	1	12/20/2020 14:42	WG1595022
Ethylbenzene	U		0.000969	0.00329	1	12/20/2020 14:42	WG1595022
Hexachloro-1,3-butadiene	U		0.00789	0.0329	1	12/20/2020 14:42	WG1595022
Isopropylbenzene	U		0.000559	0.00329	1	12/20/2020 14:42	WG1595022
p-Isopropyltoluene	U		0.00335	0.00658	1	12/20/2020 14:42	WG1595022
2-Butanone (MEK)	U		0.0835	0.132	1	12/20/2020 14:42	WG1595022
Methylene Chloride	U		0.00873	0.0329	1	12/20/2020 14:42	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00300	0.0329	1	12/20/2020 14:42	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000460	0.00132	1	12/20/2020 14:42	WG1595022
Naphthalene	U		0.00642	0.0164	1	12/20/2020 14:42	WG1595022
n-Propylbenzene	U		0.00125	0.00658	1	12/20/2020 14:42	WG1595022
Styrene	U		0.000301	0.0164	1	12/20/2020 14:42	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00125	0.00329	1	12/20/2020 14:42	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000914	0.00329	1	12/20/2020 14:42	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000992	0.00329	1	12/20/2020 14:42	WG1595022
Tetrachloroethene	U		0.00118	0.00329	1	12/20/2020 14:42	WG1595022
Toluene	U		0.00171	0.00658	1	12/20/2020 14:42	WG1595022
1,2,3-Trichlorobenzene	U		0.00964	0.0164	1	12/20/2020 14:42	WG1595022
1,2,4-Trichlorobenzene	U		0.00579	0.0164	1	12/20/2020 14:42	WG1595022
1,1,1-Trichloroethane	U		0.00121	0.00329	1	12/20/2020 14:42	WG1595022
1,1,2-Trichloroethane	U		0.000785	0.00329	1	12/20/2020 14:42	WG1595022
Trichloroethene	U		0.000768	0.00132	1	12/20/2020 14:42	WG1595022
Trichlorofluoromethane	U		0.00109	0.00329	1	12/20/2020 14:42	WG1595022
1,2,3-Trichloropropane	U		0.00213	0.0164	1	12/20/2020 14:42	WG1595022
1,2,4-Trimethylbenzene	U		0.00208	0.00658	1	12/20/2020 14:42	WG1595022
1,2,3-Trimethylbenzene	U		0.00208	0.00658	1	12/20/2020 14:42	WG1595022
1,3,5-Trimethylbenzene	U		0.00263	0.00658	1	12/20/2020 14:42	WG1595022
Vinyl chloride	U		0.00153	0.00329	1	12/20/2020 14:42	WG1595022
Xylenes, Total	U		0.00116	0.00855	1	12/20/2020 14:42	WG1595022
(S) Toluene-d8	*107*			*75.0-131*		*12/20/2020 14:42*	WG1595022
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 14:42*	WG1595022
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*12/20/2020 14:42*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00624	0.0385	1	12/21/2020 16:52	WG1594297
Acenaphthylene	U		0.00543	0.0385	1	12/21/2020 16:52	WG1594297
Anthracene	U		0.00686	0.0385	1	12/21/2020 16:52	WG1594297
Benzo(a)anthracene	0.00978	J	0.00679	0.0385	1	12/21/2020 16:52	WG1594297
Benzo(b)fluoranthene	0.0137	J	0.00719	0.0385	1	12/21/2020 16:52	WG1594297
Benzo(k)fluoranthene	U		0.00685	0.0385	1	12/21/2020 16:52	WG1594297
Benzo(g,h,i)perylene	U		0.00705	0.0385	1	12/21/2020 16:52	WG1594297
Benzo(a)pyrene	U		0.00716	0.0385	1	12/21/2020 16:52	WG1594297
Bis(2-chlorethoxy)methane	U		0.0116	0.385	1	12/21/2020 16:52	WG1594297
Bis(2-chloroethyl)ether	U		0.0127	0.385	1	12/21/2020 16:52	WG1594297
2,2-Oxybis(1-Chloropropane)	U		0.0167	0.385	1	12/21/2020 16:52	WG1594297
4-Bromophenyl-phenylether	U		0.0135	0.385	1	12/21/2020 16:52	WG1594297
2-Chloronaphthalene	U		0.00677	0.0385	1	12/21/2020 16:52	WG1594297
4-Chlorophenyl-phenylether	U		0.0134	0.385	1	12/21/2020 16:52	WG1594297
Chrysene	0.0105	J	0.00766	0.0385	1	12/21/2020 16:52	WG1594297
Dibenz(a,h)anthracene	U		0.0107	0.0385	1	12/21/2020 16:52	WG1594297
3,3-Dichlorobenzidine	U		0.0142	0.385	1	12/21/2020 16:52	WG1594297
2,4-Dinitrotoluene	U		0.0111	0.385	1	12/21/2020 16:52	WG1594297
2,6-Dinitrotoluene	U		0.0126	0.385	1	12/21/2020 16:52	WG1594297
Fluoranthene	0.0216	J	0.00696	0.0385	1	12/21/2020 16:52	WG1594297
Fluorene	U		0.00627	0.0385	1	12/21/2020 16:52	WG1594297
Hexachlorobenzene	U		0.0137	0.385	1	12/21/2020 16:52	WG1594297
Hexachloro-1,3-butadiene	U		0.0130	0.385	1	12/21/2020 16:52	WG1594297
Hexachlorocyclopentadiene	U		0.0203	0.385	1	12/21/2020 16:52	WG1594297
Hexachloroethane	U		0.0152	0.385	1	12/21/2020 16:52	WG1594297
Indeno(1,2,3-cd)pyrene	U		0.0109	0.0385	1	12/21/2020 16:52	WG1594297
Isophorone	U		0.0118	0.385	1	12/21/2020 16:52	WG1594297
Naphthalene	U		0.00968	0.0385	1	12/21/2020 16:52	WG1594297

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0134	0.385	1	12/21/2020 16:52	WG1594297
n-Nitrosodimethylamine	U		0.0572	0.385	1	12/21/2020 16:52	WG1594297
n-Nitrosodiphenylamine	U		0.0292	0.385	1	12/21/2020 16:52	WG1594297
n-Nitrosodi-n-propylamine	U		0.0128	0.385	1	12/21/2020 16:52	WG1594297
Phenanthrene	0.0116	J	0.00765	0.0385	1	12/21/2020 16:52	WG1594297
Pyridine	U		0.0255	0.385	1	12/21/2020 16:52	WG1594297
Benzylbutyl phthalate	U		0.0120	0.385	1	12/21/2020 16:52	WG1594297
Bis(2-ethylhexyl)phthalate	U		0.0488	0.385	1	12/21/2020 16:52	WG1594297
Di-n-butyl phthalate	U		0.0132	0.385	1	12/21/2020 16:52	WG1594297
Diethyl phthalate	U		0.0127	0.385	1	12/21/2020 16:52	WG1594297
Dimethyl phthalate	U		0.0817	0.385	1	12/21/2020 16:52	WG1594297
Di-n-octyl phthalate	U		0.0260	0.385	1	12/21/2020 16:52	WG1594297
Pyrene	0.0206	J	0.00750	0.0385	1	12/21/2020 16:52	WG1594297
1,2,4-Trichlorobenzene	U		0.0120	0.385	1	12/21/2020 16:52	WG1594297
4-Chloro-3-methylphenol	U		0.0125	0.385	1	12/21/2020 16:52	WG1594297
2-Chlorophenol	U		0.0127	0.385	1	12/21/2020 16:52	WG1594297
2,4-Dichlorophenol	U		0.0112	0.385	1	12/21/2020 16:52	WG1594297
2,4-Dimethylphenol	U		0.0101	0.385	1	12/21/2020 16:52	WG1594297
4,6-Dinitro-2-methylphenol	U		0.0874	0.385	1	12/21/2020 16:52	WG1594297
2,4-Dinitrophenol	U		0.0902	0.385	1	12/21/2020 16:52	WG1594297
2-Methylphenol	U		0.0116	0.385	1	12/21/2020 16:52	WG1594297
3&4-Methyl Phenol	U		0.0120	0.385	1	12/21/2020 16:52	WG1594297
2-Nitrophenol	U		0.0138	0.385	1	12/21/2020 16:52	WG1594297
4-Nitrophenol	U		0.0120	0.385	1	12/21/2020 16:52	WG1594297
Pentachlorophenol	U		0.0104	0.385	1	12/21/2020 16:52	WG1594297
Phenol	U		0.0155	0.385	1	12/21/2020 16:52	WG1594297
2,4,6-Trichlorophenol	U		0.0124	0.385	1	12/21/2020 16:52	WG1594297
2,4,5-Trichlorophenol	U		0.0131	0.385	1	12/21/2020 16:52	WG1594297
(S) 2-Fluorophenol	*65.9*			*12.0-120*		*12/21/2020 16:52*	WG1594297
(S) Phenol-d5	*62.3*			*10.0-120*		*12/21/2020 16:52*	WG1594297
(S) Nitrobenzene-d5	*54.6*			*10.0-122*		*12/21/2020 16:52*	WG1594297
(S) 2-Fluorobiphenyl	*57.0*			*15.0-120*		*12/21/2020 16:52*	WG1594297
(S) 2,4,6-Tribromophenol	*53.0*			*10.0-127*		*12/21/2020 16:52*	WG1594297
(S) p-Terphenyl-d14	*56.1*			*10.0-120*		*12/21/2020 16:52*	WG1594297

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.6		1	12/19/2020 09:33	WG1594415

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0667		0.0215	0.0478	1	01/02/2021 02:20	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.651	2.39	1	12/21/2020 12:06	WG1594442
Arsenic	7.85		0.619	2.39	1	12/21/2020 12:06	WG1594442
Barium	206		0.102	0.598	1	12/21/2020 12:06	WG1594442
Beryllium	0.587		0.0377	0.239	1	12/21/2020 12:06	WG1594442
Cadmium	1.23		0.0563	0.598	1	12/21/2020 12:06	WG1594442
Chromium	55.9		0.159	1.20	1	12/21/2020 12:06	WG1594442
Cobalt	13.4		0.0970	1.20	1	12/21/2020 12:06	WG1594442
Copper	28.5		0.478	2.39	1	12/21/2020 12:06	WG1594442
Lead	13.9		0.249	0.598	1	12/21/2020 12:06	WG1594442
Molybdenum	1.74		0.130	0.598	1	12/21/2020 12:06	WG1594442
Nickel	59.1		0.158	2.39	1	12/21/2020 12:06	WG1594442
Selenium	U		0.914	2.39	1	12/21/2020 12:06	WG1594442
Silver	U		0.152	1.20	1	12/21/2020 12:06	WG1594442
Thallium	U		0.471	2.39	1	12/21/2020 12:06	WG1594442
Vanadium	71.7		0.605	2.39	1	12/21/2020 12:06	WG1594442
Zinc	85.1		0.995	5.98	1	12/21/2020 12:06	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	60.6		8.77	47.8	10	12/23/2020 15:01	WG1596047
C22-C32 Hydrocarbons	148		15.9	47.8	10	12/23/2020 15:01	WG1596047
C32-C40 Hydrocarbons	116		15.9	47.8	10	12/23/2020 15:01	WG1596047
(S) o-Terphenyl	*89.9*			*18.0-148*		*12/23/2020 15:01*	WG1596047

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00839	0.0837	1	12/23/2020 23:09	WG1594825
Dalapon	U		0.0135	0.0837	1	12/23/2020 23:09	WG1594825
2,4-DB	U		0.0355	0.0837	1	12/23/2020 23:09	WG1594825
Dicamba	U		0.0188	0.0837	1	12/23/2020 23:09	WG1594825
Dichloroprop	U		0.0293	0.0837	1	12/23/2020 23:09	WG1594825
Dinoseb	U		0.00834	0.0837	1	12/23/2020 23:09	WG1594825
MCPA	U	J4	0.530	7.77	1	12/23/2020 23:09	WG1594825
MCPP	U	J4	0.439	7.77	1	12/23/2020 23:09	WG1594825
2,4,5-T	U		0.0102	0.0837	1	12/23/2020 23:09	WG1594825
2,4,5-TP (Silvex)	U		0.0128	0.0837	1	12/23/2020 23:09	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*55.8*			*22.0-132*		*12/23/2020 23:09*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0380	0.120	1	12/22/2020 17:34	WG1594289
Bolstar (Sulprofos)	U		0.0178	0.120	1	12/22/2020 17:34	WG1594289
Chlorpyrifos	U		0.0188	0.120	1	12/22/2020 17:34	WG1594289
Coumaphos	U		0.0291	0.120	1	12/22/2020 17:34	WG1594289
Demeton,-O and -S	U		0.00698	0.0837	1	12/22/2020 17:34	WG1594289
Diazinon	U		0.0269	0.120	1	12/22/2020 17:34	WG1594289
Dichlorvos	U		0.0359	0.120	1	12/22/2020 17:34	WG1594289
Dimethoate	U		0.0399	0.120	1	12/22/2020 17:34	WG1594289
Disulfoton	U		0.0304	0.120	1	12/22/2020 17:34	WG1594289
EPN	U		0.0330	0.120	1	12/22/2020 17:34	WG1594289
Ethoprop	U		0.0141	0.120	1	12/22/2020 17:34	WG1594289
Ethyl Parathion	U		0.0196	0.120	1	12/22/2020 17:34	WG1594289
Fensulfothion	U		0.0422	0.120	1	12/22/2020 17:34	WG1594289
Fenthion	U		0.0159	0.120	1	12/22/2020 17:34	WG1594289
Malathion	U		0.0214	0.120	1	12/22/2020 17:34	WG1594289
Merphos	U		0.0277	0.120	1	12/22/2020 17:34	WG1594289
Methyl parathion	U		0.0243	0.120	1	12/22/2020 17:34	WG1594289
Mevinphos	U		0.0275	0.120	1	12/22/2020 17:34	WG1594289
Naled	U		0.0574	0.120	1	12/22/2020 17:34	WG1594289
Phorate	U		0.0251	0.120	1	12/22/2020 17:34	WG1594289
Ronnel	U		0.0178	0.120	1	12/22/2020 17:34	WG1594289
Stirophos	U		0.0213	0.120	1	12/22/2020 17:34	WG1594289
Sulfotep	U		0.0118	0.120	1	12/22/2020 17:34	WG1594289
TEPP	U	J4	0.188	1.20	1	12/22/2020 17:34	WG1594289
Tokuthion (Prothothiofos)	U		0.0179	0.120	1	12/22/2020 17:34	WG1594289
Trichloronate	U		0.0240	0.120	1	12/22/2020 17:34	WG1594289
(S) Triphenyl Phosphate	*83.6*			*36.0-121*		*12/22/2020 17:34*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00450	0.0239	1	12/24/2020 15:07	WG1597034
Alpha BHC	U		0.00440	0.0239	1	12/24/2020 15:07	WG1597034
Beta BHC	U		0.00453	0.0239	1	12/24/2020 15:07	WG1597034
Delta BHC	U		0.00414	0.0239	1	12/24/2020 15:07	WG1597034
Gamma BHC	U		0.00411	0.0239	1	12/24/2020 15:07	WG1597034
4,4-DDD	0.00872	J	0.00442	0.0239	1	12/24/2020 15:07	WG1597034
4,4-DDE	0.0773		0.00438	0.0239	1	12/24/2020 15:07	WG1597034
4,4-DDT	U		0.00750	0.0239	1	12/24/2020 15:07	WG1597034
Dieldrin	0.00816	J	0.00411	0.0239	1	12/24/2020 15:07	WG1597034
Endosulfan I	U		0.00434	0.0239	1	12/24/2020 15:07	WG1597034
Endosulfan II	U		0.00401	0.0239	1	12/24/2020 15:07	WG1597034
Endosulfan sulfate	U		0.00435	0.0239	1	12/24/2020 15:07	WG1597034
Endrin	U		0.00419	0.0239	1	12/24/2020 15:07	WG1597034
Endrin aldehyde	U		0.00405	0.0239	1	12/24/2020 15:07	WG1597034
Endrin ketone	U		0.00850	0.0239	1	12/24/2020 15:07	WG1597034
Heptachlor	U		0.00512	0.0239	1	12/24/2020 15:07	WG1597034
Heptachlor epoxide	U		0.00405	0.0239	1	12/24/2020 15:07	WG1597034
Hexachlorobenzene	U		0.00414	0.0239	1	12/24/2020 15:07	WG1597034
Methoxychlor	U		0.00579	0.0239	1	12/24/2020 15:07	WG1597034
Chlordane	U		0.123	0.359	1	12/24/2020 15:07	WG1597034
Toxaphene	U		0.148	0.478	1	12/24/2020 15:07	WG1597034
(S) Decachlorobiphenyl	*123*			*10.0-135*		*12/24/2020 15:07*	WG1597034
(S) Tetrachloro-m-xylene	*111*			*10.0-139*		*12/24/2020 15:07*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.4		1	12/19/2020 09:33	WG1594415

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.46	J	1.03	3.09	25	12/24/2020 19:02	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*77.0-120*		*12/24/2020 19:02*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0451	0.0618	1	12/20/2020 15:01	WG1595022
Acrylonitrile	U		0.00446	0.0155	1	12/20/2020 15:01	WG1595022
Benzene	U		0.000578	0.00124	1	12/20/2020 15:01	WG1595022
Bromobenzene	U		0.00111	0.0155	1	12/20/2020 15:01	WG1595022
Bromodichloromethane	U		0.000897	0.00309	1	12/20/2020 15:01	WG1595022
Bromoform	U		0.00145	0.0309	1	12/20/2020 15:01	WG1595022
Bromomethane	U		0.00244	0.0155	1	12/20/2020 15:01	WG1595022
n-Butylbenzene	U		0.00649	0.0155	1	12/20/2020 15:01	WG1595022
sec-Butylbenzene	U		0.00356	0.0155	1	12/20/2020 15:01	WG1595022
tert-Butylbenzene	U		0.00241	0.00618	1	12/20/2020 15:01	WG1595022
Carbon tetrachloride	U	J3	0.00111	0.00618	1	12/20/2020 15:01	WG1595022
Chlorobenzene	U		0.000260	0.00309	1	12/20/2020 15:01	WG1595022
Chlorodibromomethane	U		0.000757	0.00309	1	12/20/2020 15:01	WG1595022
Chloroethane	U		0.00210	0.00618	1	12/20/2020 15:01	WG1595022
Chloroform	U		0.00127	0.00309	1	12/20/2020 15:01	WG1595022
Chloromethane	U	J3	0.00538	0.0155	1	12/20/2020 15:01	WG1595022
2-Chlorotoluene	U		0.00107	0.00309	1	12/20/2020 15:01	WG1595022
4-Chlorotoluene	U		0.000557	0.00618	1	12/20/2020 15:01	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00482	0.0309	1	12/20/2020 15:01	WG1595022
1,2-Dibromoethane	U		0.000801	0.00309	1	12/20/2020 15:01	WG1595022
Dibromomethane	U		0.000928	0.00618	1	12/20/2020 15:01	WG1595022
1,2-Dichlorobenzene	U		0.000526	0.00618	1	12/20/2020 15:01	WG1595022
1,3-Dichlorobenzene	U		0.000742	0.00618	1	12/20/2020 15:01	WG1595022
1,4-Dichlorobenzene	U		0.000866	0.00618	1	12/20/2020 15:01	WG1595022
Dichlorodifluoromethane	U	J3	0.00199	0.00309	1	12/20/2020 15:01	WG1595022
1,1-Dichloroethane	U		0.000607	0.00309	1	12/20/2020 15:01	WG1595022
1,2-Dichloroethane	U		0.000803	0.00309	1	12/20/2020 15:01	WG1595022
1,1-Dichloroethene	U	J3	0.000750	0.00309	1	12/20/2020 15:01	WG1595022
cis-1,2-Dichloroethene	U		0.000908	0.00309	1	12/20/2020 15:01	WG1595022
trans-1,2-Dichloroethene	U		0.00129	0.00618	1	12/20/2020 15:01	WG1595022
1,2-Dichloropropane	U		0.00176	0.00618	1	12/20/2020 15:01	WG1595022
1,1-Dichloropropene	U	J3	0.00100	0.00309	1	12/20/2020 15:01	WG1595022
1,3-Dichloropropane	U		0.000620	0.00618	1	12/20/2020 15:01	WG1595022
cis-1,3-Dichloropropene	U		0.000936	0.00309	1	12/20/2020 15:01	WG1595022
trans-1,3-Dichloropropene	U		0.00141	0.00618	1	12/20/2020 15:01	WG1595022
2,2-Dichloropropane	U	J3	0.00171	0.00309	1	12/20/2020 15:01	WG1595022
Di-isopropyl ether	U		0.000507	0.00124	1	12/20/2020 15:01	WG1595022
Ethylbenzene	U	J3	0.000912	0.00309	1	12/20/2020 15:01	WG1595022
Hexachloro-1,3-butadiene	U	J3	0.00742	0.0309	1	12/20/2020 15:01	WG1595022
Isopropylbenzene	U		0.000526	0.00309	1	12/20/2020 15:01	WG1595022
p-Isopropyltoluene	U		0.00315	0.00618	1	12/20/2020 15:01	WG1595022
2-Butanone (MEK)	U		0.0785	0.124	1	12/20/2020 15:01	WG1595022
Methylene Chloride	U		0.00821	0.0309	1	12/20/2020 15:01	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00282	0.0309	1	12/20/2020 15:01	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000433	0.00124	1	12/20/2020 15:01	WG1595022
Naphthalene	U		0.00604	0.0155	1	12/20/2020 15:01	WG1595022
n-Propylbenzene	U		0.00117	0.00618	1	12/20/2020 15:01	WG1595022
Styrene	U		0.000283	0.0155	1	12/20/2020 15:01	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00117	0.00309	1	12/20/2020 15:01	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000860	0.00309	1	12/20/2020 15:01	WG1595022
1,1,2-Trichlorotrifluoroethane	U	J3	0.000933	0.00309	1	12/20/2020 15:01	WG1595022
Tetrachloroethene	U		0.00111	0.00309	1	12/20/2020 15:01	WG1595022
Toluene	U		0.00161	0.00618	1	12/20/2020 15:01	WG1595022
1,2,3-Trichlorobenzene	U		0.00907	0.0155	1	12/20/2020 15:01	WG1595022
1,2,4-Trichlorobenzene	U		0.00544	0.0155	1	12/20/2020 15:01	WG1595022
1,1,1-Trichloroethane	U	J3	0.00114	0.00309	1	12/20/2020 15:01	WG1595022
1,1,2-Trichloroethane	U		0.000738	0.00309	1	12/20/2020 15:01	WG1595022
Trichloroethene	U		0.000722	0.00124	1	12/20/2020 15:01	WG1595022
Trichlorofluoromethane	U	J3	0.00102	0.00309	1	12/20/2020 15:01	WG1595022
1,2,3-Trichloropropane	U		0.00200	0.0155	1	12/20/2020 15:01	WG1595022
1,2,4-Trimethylbenzene	U		0.00195	0.00618	1	12/20/2020 15:01	WG1595022
1,2,3-Trimethylbenzene	U		0.00195	0.00618	1	12/20/2020 15:01	WG1595022
1,3,5-Trimethylbenzene	U		0.00247	0.00618	1	12/20/2020 15:01	WG1595022
Vinyl chloride	U	J3	0.00143	0.00309	1	12/20/2020 15:01	WG1595022
Xylenes, Total	U		0.00109	0.00804	1	12/20/2020 15:01	WG1595022
(S) Toluene-d8	*109*			*75.0-131*		*12/20/2020 15:01*	WG1595022
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 15:01*	WG1595022
(S) 1,2-Dichloroethane-d4	*86.2*			*70.0-130*		*12/20/2020 15:01*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0603	0.372	10	12/23/2020 16:47	WG1595455
Acenaphthylene	U		0.0525	0.372	10	12/23/2020 16:47	WG1595455
Anthracene	U		0.0663	0.372	10	12/23/2020 16:47	WG1595455
Benzo(a)anthracene	U		0.0656	0.372	10	12/23/2020 16:47	WG1595455
Benzo(b)fluoranthene	U		0.0694	0.372	10	12/23/2020 16:47	WG1595455
Benzo(k)fluoranthene	U		0.0662	0.372	10	12/23/2020 16:47	WG1595455
Benzo(g,h,i)perylene	U		0.0681	0.372	10	12/23/2020 16:47	WG1595455
Benzo(a)pyrene	U		0.0692	0.372	10	12/23/2020 16:47	WG1595455
Bis(2-chlorethoxy)methane	U		0.112	3.72	10	12/23/2020 16:47	WG1595455
Bis(2-chloroethyl)ether	U		0.123	3.72	10	12/23/2020 16:47	WG1595455
2,2-Oxybis(1-Chloropropane)	U		0.161	3.72	10	12/23/2020 16:47	WG1595455
4-Bromophenyl-phenylether	U		0.131	3.72	10	12/23/2020 16:47	WG1595455
2-Chloronaphthalene	U		0.0654	0.372	10	12/23/2020 16:47	WG1595455
4-Chlorophenyl-phenylether	U		0.130	3.72	10	12/23/2020 16:47	WG1595455
Chrysene	U		0.0740	0.372	10	12/23/2020 16:47	WG1595455
Dibenz(a,h)anthracene	U		0.103	0.372	10	12/23/2020 16:47	WG1595455
3,3-Dichlorobenzidine	U		0.138	3.72	10	12/23/2020 16:47	WG1595455
2,4-Dinitrotoluene	U		0.107	3.72	10	12/23/2020 16:47	WG1595455
2,6-Dinitrotoluene	U		0.122	3.72	10	12/23/2020 16:47	WG1595455
Fluoranthene	U		0.0672	0.372	10	12/23/2020 16:47	WG1595455
Fluorene	U		0.0606	0.372	10	12/23/2020 16:47	WG1595455
Hexachlorobenzene	U		0.132	3.72	10	12/23/2020 16:47	WG1595455
Hexachloro-1,3-butadiene	U		0.125	3.72	10	12/23/2020 16:47	WG1595455
Hexachlorocyclopentadiene	U		0.196	3.72	10	12/23/2020 16:47	WG1595455
Hexachloroethane	U		0.147	3.72	10	12/23/2020 16:47	WG1595455
Indeno(1,2,3-cd)pyrene	U		0.105	0.372	10	12/23/2020 16:47	WG1595455
Isophorone	U		0.114	3.72	10	12/23/2020 16:47	WG1595455
Naphthalene	U		0.0935	0.372	10	12/23/2020 16:47	WG1595455

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.130	3.72	10	12/23/2020 16:47	WG1595455
n-Nitrosodimethylamine	U		0.552	3.72	10	12/23/2020 16:47	WG1595455
n-Nitrosodiphenylamine	U		0.282	3.72	10	12/23/2020 16:47	WG1595455
n-Nitrosodi-n-propylamine	U		0.124	3.72	10	12/23/2020 16:47	WG1595455
Phenanthrene	U		0.0739	0.372	10	12/23/2020 16:47	WG1595455
Pyridine	U		0.246	3.72	10	12/23/2020 16:47	WG1595455
Benzylbutyl phthalate	U		0.116	3.72	10	12/23/2020 16:47	WG1595455
Bis(2-ethylhexyl)phthalate	U		0.472	3.72	10	12/23/2020 16:47	WG1595455
Di-n-butyl phthalate	U		0.127	3.72	10	12/23/2020 16:47	WG1595455
Diethyl phthalate	U		0.123	3.72	10	12/23/2020 16:47	WG1595455
Dimethyl phthalate	U		0.790	3.72	10	12/23/2020 16:47	WG1595455
Di-n-octyl phthalate	U		0.252	3.72	10	12/23/2020 16:47	WG1595455
Pyrene	U		0.0725	0.372	10	12/23/2020 16:47	WG1595455
1,2,4-Trichlorobenzene	U		0.116	3.72	10	12/23/2020 16:47	WG1595455
4-Chloro-3-methylphenol	U		0.121	3.72	10	12/23/2020 16:47	WG1595455
2-Chlorophenol	U		0.123	3.72	10	12/23/2020 16:47	WG1595455
2,4-Dichlorophenol	U		0.108	3.72	10	12/23/2020 16:47	WG1595455
2,4-Dimethylphenol	U		0.0973	3.72	10	12/23/2020 16:47	WG1595455
4,6-Dinitro-2-methylphenol	U		0.844	3.72	10	12/23/2020 16:47	WG1595455
2,4-Dinitrophenol	U		0.871	3.72	10	12/23/2020 16:47	WG1595455
2-Methylphenol	U		0.112	3.72	10	12/23/2020 16:47	WG1595455
3&4-Methyl Phenol	U		0.116	3.72	10	12/23/2020 16:47	WG1595455
2-Nitrophenol	U		0.133	3.72	10	12/23/2020 16:47	WG1595455
4-Nitrophenol	U		0.116	3.72	10	12/23/2020 16:47	WG1595455
Pentachlorophenol	U		0.100	3.72	10	12/23/2020 16:47	WG1595455
Phenol	U		0.150	3.72	10	12/23/2020 16:47	WG1595455
2,4,6-Trichlorophenol	U		0.120	3.72	10	12/23/2020 16:47	WG1595455
2,4,5-Trichlorophenol	U		0.126	3.72	10	12/23/2020 16:47	WG1595455
(S) 2-Fluorophenol	*82.5*			*12.0-120*		*12/23/2020 16:47*	WG1595455
(S) Phenol-d5	*75.1*			*10.0-120*		*12/23/2020 16:47*	WG1595455
(S) Nitrobenzene-d5	*72.0*			*10.0-122*		*12/23/2020 16:47*	WG1595455
(S) 2-Fluorobiphenyl	*63.7*			*15.0-120*		*12/23/2020 16:47*	WG1595455
(S) 2,4,6-Tribromophenol	*169*	J1		*10.0-127*		*12/23/2020 16:47*	WG1595455
(S) p-Terphenyl-d14	*65.5*			*10.0-120*		*12/23/2020 16:47*	WG1595455

Sample Narrative:

L1298078-36 WG1595455: Diluted due to matrix

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.5		1	12/19/2020 09:33	WG1594415

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0761		0.0210	0.0468	1	01/02/2021 02:22	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.636	2.34	1	12/21/2020 12:08	WG1594442
Arsenic	4.47		0.606	2.34	1	12/21/2020 12:08	WG1594442
Barium	166		0.0996	0.584	1	12/21/2020 12:08	WG1594442
Beryllium	0.501		0.0368	0.234	1	12/21/2020 12:08	WG1594442
Cadmium	0.220	J	0.0551	0.584	1	12/21/2020 12:08	WG1594442
Chromium	68.0		0.155	1.17	1	12/21/2020 12:08	WG1594442
Cobalt	13.6		0.0948	1.17	1	12/21/2020 12:08	WG1594442
Copper	26.3		0.468	2.34	1	12/21/2020 12:08	WG1594442
Lead	8.16		0.243	0.584	1	12/21/2020 12:08	WG1594442
Molybdenum	U		0.127	0.584	1	12/21/2020 12:08	WG1594442
Nickel	92.7		0.154	2.34	1	12/21/2020 12:08	WG1594442
Selenium	U		0.893	2.34	1	12/21/2020 12:08	WG1594442
Silver	U		0.148	1.17	1	12/21/2020 12:08	WG1594442
Thallium	U		0.461	2.34	1	12/21/2020 12:08	WG1594442
Vanadium	57.9		0.591	2.34	1	12/21/2020 12:08	WG1594442
Zinc	55.1		0.973	5.84	1	12/21/2020 12:08	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	4.64	J	0.857	4.68	1	12/22/2020 18:21	WG1595950
C22-C32 Hydrocarbons	14.0		1.55	4.68	1	12/22/2020 18:21	WG1595950
C32-C40 Hydrocarbons	6.85		1.55	4.68	1	12/22/2020 18:21	WG1595950
(S) o-Terphenyl	*84.3*			*18.0-148*		*12/22/2020 18:21*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00821	0.0818	1	12/23/2020 23:23	WG1594825
Dalapon	U		0.0132	0.0818	1	12/23/2020 23:23	WG1594825
2,4-DB	U		0.0347	0.0818	1	12/23/2020 23:23	WG1594825
Dicamba	U		0.0184	0.0818	1	12/23/2020 23:23	WG1594825
Dichloroprop	U		0.0286	0.0818	1	12/23/2020 23:23	WG1594825
Dinoseb	U		0.00815	0.0818	1	12/23/2020 23:23	WG1594825
MCPA	U	J4	0.518	7.60	1	12/23/2020 23:23	WG1594825
MCPP	U	J4	0.429	7.60	1	12/23/2020 23:23	WG1594825
2,4,5-T	U		0.00996	0.0818	1	12/23/2020 23:23	WG1594825
2,4,5-TP (Silvex)	U		0.0125	0.0818	1	12/23/2020 23:23	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*49.9*			*22.0-132*		*12/23/2020 23:23*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0372	0.117	1	12/22/2020 18:07	WG1594289
Bolstar (Sulprofos)	U		0.0174	0.117	1	12/22/2020 18:07	WG1594289
Chlorpyrifos	U		0.0184	0.117	1	12/22/2020 18:07	WG1594289
Coumaphos	U		0.0284	0.117	1	12/22/2020 18:07	WG1594289
Demeton,-O and -S	U		0.00683	0.0818	1	12/22/2020 18:07	WG1594289
Diazinon	U		0.0263	0.117	1	12/22/2020 18:07	WG1594289
Dichlorvos	U		0.0351	0.117	1	12/22/2020 18:07	WG1594289
Dimethoate	U		0.0390	0.117	1	12/22/2020 18:07	WG1594289
Disulfoton	U		0.0297	0.117	1	12/22/2020 18:07	WG1594289
EPN	U		0.0323	0.117	1	12/22/2020 18:07	WG1594289
Ethoprop	U		0.0138	0.117	1	12/22/2020 18:07	WG1594289
Ethyl Parathion	U		0.0192	0.117	1	12/22/2020 18:07	WG1594289
Fensulfothion	U		0.0413	0.117	1	12/22/2020 18:07	WG1594289
Fenthion	U		0.0155	0.117	1	12/22/2020 18:07	WG1594289
Malathion	U		0.0209	0.117	1	12/22/2020 18:07	WG1594289
Merphos	U		0.0271	0.117	1	12/22/2020 18:07	WG1594289
Methyl parathion	U		0.0237	0.117	1	12/22/2020 18:07	WG1594289
Mevinphos	U		0.0269	0.117	1	12/22/2020 18:07	WG1594289
Naled	U		0.0561	0.117	1	12/22/2020 18:07	WG1594289
Phorate	U		0.0245	0.117	1	12/22/2020 18:07	WG1594289
Ronnel	U		0.0174	0.117	1	12/22/2020 18:07	WG1594289
Stirophos	U		0.0208	0.117	1	12/22/2020 18:07	WG1594289
Sulfotep	U		0.0115	0.117	1	12/22/2020 18:07	WG1594289
TEPP	U	J4	0.184	1.17	1	12/22/2020 18:07	WG1594289
Tokuthion (Prothothiofos)	U		0.0175	0.117	1	12/22/2020 18:07	WG1594289
Trichloronate	U		0.0235	0.117	1	12/22/2020 18:07	WG1594289
(S) Triphenyl Phosphate	*81.3*			*36.0-121*		*12/22/2020 18:07*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00440	0.0234	1	12/24/2020 15:20	WG1597034
Alpha BHC	U		0.00430	0.0234	1	12/24/2020 15:20	WG1597034
Beta BHC	U		0.00443	0.0234	1	12/24/2020 15:20	WG1597034
Delta BHC	U		0.00404	0.0234	1	12/24/2020 15:20	WG1597034
Gamma BHC	U		0.00402	0.0234	1	12/24/2020 15:20	WG1597034
4,4-DDD	0.0105	J	0.00433	0.0234	1	12/24/2020 15:20	WG1597034
4,4-DDE	0.0735		0.00428	0.0234	1	12/24/2020 15:20	WG1597034
4,4-DDT	U		0.00733	0.0234	1	12/24/2020 15:20	WG1597034
Dieldrin	0.00775	J	0.00402	0.0234	1	12/24/2020 15:20	WG1597034
Endosulfan I	U		0.00424	0.0234	1	12/24/2020 15:20	WG1597034
Endosulfan II	U		0.00392	0.0234	1	12/24/2020 15:20	WG1597034
Endosulfan sulfate	U		0.00426	0.0234	1	12/24/2020 15:20	WG1597034
Endrin	U		0.00409	0.0234	1	12/24/2020 15:20	WG1597034
Endrin aldehyde	U		0.00396	0.0234	1	12/24/2020 15:20	WG1597034
Endrin ketone	U		0.00831	0.0234	1	12/24/2020 15:20	WG1597034
Heptachlor	U		0.00500	0.0234	1	12/24/2020 15:20	WG1597034
Heptachlor epoxide	U		0.00396	0.0234	1	12/24/2020 15:20	WG1597034
Hexachlorobenzene	U		0.00404	0.0234	1	12/24/2020 15:20	WG1597034
Methoxychlor	U		0.00566	0.0234	1	12/24/2020 15:20	WG1597034
Chlordane	U		0.120	0.351	1	12/24/2020 15:20	WG1597034
Toxaphene	U		0.145	0.468	1	12/24/2020 15:20	WG1597034
(S) Decachlorobiphenyl	*110*			*10.0-135*		*12/24/2020 15:20*	WG1597034
(S) Tetrachloro-m-xylene	*101*			*10.0-139*		*12/24/2020 15:20*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.4		1	12/19/2020 09:33	WG1594415

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.12	3.36	25	12/24/2020 19:22	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*77.0-120*		*12/24/2020 19:22*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0491	0.0673	1	12/20/2020 15:20	WG1595022
Acrylonitrile	U		0.00486	0.0168	1	12/20/2020 15:20	WG1595022
Benzene	U		0.000628	0.00135	1	12/20/2020 15:20	WG1595022
Bromobenzene	U		0.00121	0.0168	1	12/20/2020 15:20	WG1595022
Bromodichloromethane	U		0.000975	0.00336	1	12/20/2020 15:20	WG1595022
Bromoform	U		0.00157	0.0336	1	12/20/2020 15:20	WG1595022
Bromomethane	U		0.00265	0.0168	1	12/20/2020 15:20	WG1595022
n-Butylbenzene	U		0.00706	0.0168	1	12/20/2020 15:20	WG1595022
sec-Butylbenzene	U		0.00387	0.0168	1	12/20/2020 15:20	WG1595022
tert-Butylbenzene	U		0.00262	0.00673	1	12/20/2020 15:20	WG1595022
Carbon tetrachloride	U		0.00121	0.00673	1	12/20/2020 15:20	WG1595022
Chlorobenzene	U		0.000283	0.00336	1	12/20/2020 15:20	WG1595022
Chlorodibromomethane	U		0.000823	0.00336	1	12/20/2020 15:20	WG1595022
Chloroethane	U		0.00229	0.00673	1	12/20/2020 15:20	WG1595022
Chloroform	U		0.00139	0.00336	1	12/20/2020 15:20	WG1595022
Chloromethane	U		0.00585	0.0168	1	12/20/2020 15:20	WG1595022
2-Chlorotoluene	U		0.00116	0.00336	1	12/20/2020 15:20	WG1595022
4-Chlorotoluene	U		0.000605	0.00673	1	12/20/2020 15:20	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00525	0.0336	1	12/20/2020 15:20	WG1595022
1,2-Dibromoethane	U		0.000872	0.00336	1	12/20/2020 15:20	WG1595022
Dibromomethane	U		0.00101	0.00673	1	12/20/2020 15:20	WG1595022
1,2-Dichlorobenzene	U		0.000572	0.00673	1	12/20/2020 15:20	WG1595022
1,3-Dichlorobenzene	U		0.000807	0.00673	1	12/20/2020 15:20	WG1595022
1,4-Dichlorobenzene	U		0.000942	0.00673	1	12/20/2020 15:20	WG1595022
Dichlorodifluoromethane	U		0.00217	0.00336	1	12/20/2020 15:20	WG1595022
1,1-Dichloroethane	U		0.000661	0.00336	1	12/20/2020 15:20	WG1595022
1,2-Dichloroethane	U		0.000873	0.00336	1	12/20/2020 15:20	WG1595022
1,1-Dichloroethene	U		0.000815	0.00336	1	12/20/2020 15:20	WG1595022
cis-1,2-Dichloroethene	U		0.000988	0.00336	1	12/20/2020 15:20	WG1595022
trans-1,2-Dichloroethene	U		0.00140	0.00673	1	12/20/2020 15:20	WG1595022
1,2-Dichloropropane	U		0.00191	0.00673	1	12/20/2020 15:20	WG1595022
1,1-Dichloropropene	U		0.00109	0.00336	1	12/20/2020 15:20	WG1595022
1,3-Dichloropropane	U		0.000674	0.00673	1	12/20/2020 15:20	WG1595022
cis-1,3-Dichloropropene	U		0.00102	0.00336	1	12/20/2020 15:20	WG1595022
trans-1,3-Dichloropropene	U		0.00153	0.00673	1	12/20/2020 15:20	WG1595022
2,2-Dichloropropane	U		0.00186	0.00336	1	12/20/2020 15:20	WG1595022
Di-isopropyl ether	U		0.000552	0.00135	1	12/20/2020 15:20	WG1595022
Ethylbenzene	U		0.000992	0.00336	1	12/20/2020 15:20	WG1595022
Hexachloro-1,3-butadiene	U		0.00807	0.0336	1	12/20/2020 15:20	WG1595022
Isopropylbenzene	U		0.000572	0.00336	1	12/20/2020 15:20	WG1595022
p-Isopropyltoluene	0.00506	J	0.00343	0.00673	1	12/20/2020 15:20	WG1595022
2-Butanone (MEK)	U		0.0854	0.135	1	12/20/2020 15:20	WG1595022
Methylene Chloride	U		0.00893	0.0336	1	12/20/2020 15:20	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00307	0.0336	1	12/20/2020 15:20	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000471	0.00135	1	12/20/2020 15:20	WG1595022
Naphthalene	U		0.00657	0.0168	1	12/20/2020 15:20	WG1595022
n-Propylbenzene	U		0.00128	0.00673	1	12/20/2020 15:20	WG1595022
Styrene	U		0.000308	0.0168	1	12/20/2020 15:20	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00128	0.00336	1	12/20/2020 15:20	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000935	0.00336	1	12/20/2020 15:20	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00101	0.00336	1	12/20/2020 15:20	WG1595022
Tetrachloroethene	U		0.00121	0.00336	1	12/20/2020 15:20	WG1595022
Toluene	U		0.00175	0.00673	1	12/20/2020 15:20	WG1595022
1,2,3-Trichlorobenzene	U		0.00986	0.0168	1	12/20/2020 15:20	WG1595022
1,2,4-Trichlorobenzene	U		0.00592	0.0168	1	12/20/2020 15:20	WG1595022
1,1,1-Trichloroethane	U		0.00124	0.00336	1	12/20/2020 15:20	WG1595022
1,1,2-Trichloroethane	U		0.000803	0.00336	1	12/20/2020 15:20	WG1595022
Trichloroethene	U		0.000786	0.00135	1	12/20/2020 15:20	WG1595022
Trichlorofluoromethane	U		0.00111	0.00336	1	12/20/2020 15:20	WG1595022
1,2,3-Trichloropropane	U		0.00218	0.0168	1	12/20/2020 15:20	WG1595022
1,2,4-Trimethylbenzene	U		0.00213	0.00673	1	12/20/2020 15:20	WG1595022
1,2,3-Trimethylbenzene	U		0.00213	0.00673	1	12/20/2020 15:20	WG1595022
1,3,5-Trimethylbenzene	U		0.00269	0.00673	1	12/20/2020 15:20	WG1595022
Vinyl chloride	U		0.00156	0.00336	1	12/20/2020 15:20	WG1595022
Xylenes, Total	U		0.00118	0.00875	1	12/20/2020 15:20	WG1595022
(S) Toluene-d8	*111*			*75.0-131*		*12/20/2020 15:20*	WG1595022
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 15:20*	WG1595022
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*		*12/20/2020 15:20*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0583	0.360	10	12/23/2020 17:08	WG1595455
Acenaphthylene	U		0.0508	0.360	10	12/23/2020 17:08	WG1595455
Anthracene	U		0.0642	0.360	10	12/23/2020 17:08	WG1595455
Benzo(a)anthracene	U		0.0635	0.360	10	12/23/2020 17:08	WG1595455
Benzo(b)fluoranthene	U		0.0672	0.360	10	12/23/2020 17:08	WG1595455
Benzo(k)fluoranthene	U		0.0641	0.360	10	12/23/2020 17:08	WG1595455
Benzo(g,h,i)perylene	U		0.0659	0.360	10	12/23/2020 17:08	WG1595455
Benzo(a)pyrene	U		0.0670	0.360	10	12/23/2020 17:08	WG1595455
Bis(2-chlorethoxy)methane	U		0.108	3.60	10	12/23/2020 17:08	WG1595455
Bis(2-chloroethyl)ether	U		0.119	3.60	10	12/23/2020 17:08	WG1595455
2,2-Oxybis(1-Chloropropane)	U		0.156	3.60	10	12/23/2020 17:08	WG1595455
4-Bromophenyl-phenylether	U		0.127	3.60	10	12/23/2020 17:08	WG1595455
2-Chloronaphthalene	U		0.0633	0.360	10	12/23/2020 17:08	WG1595455
4-Chlorophenyl-phenylether	U		0.126	3.60	10	12/23/2020 17:08	WG1595455
Chrysene	U		0.0716	0.360	10	12/23/2020 17:08	WG1595455
Dibenz(a,h)anthracene	U		0.0999	0.360	10	12/23/2020 17:08	WG1595455
3,3-Dichlorobenzidine	U		0.133	3.60	10	12/23/2020 17:08	WG1595455
2,4-Dinitrotoluene	U		0.103	3.60	10	12/23/2020 17:08	WG1595455
2,6-Dinitrotoluene	U		0.118	3.60	10	12/23/2020 17:08	WG1595455
Fluoranthene	U		0.0650	0.360	10	12/23/2020 17:08	WG1595455
Fluorene	U		0.0587	0.360	10	12/23/2020 17:08	WG1595455
Hexachlorobenzene	U		0.128	3.60	10	12/23/2020 17:08	WG1595455
Hexachloro-1,3-butadiene	U		0.121	3.60	10	12/23/2020 17:08	WG1595455
Hexachlorocyclopentadiene	U		0.189	3.60	10	12/23/2020 17:08	WG1595455
Hexachloroethane	U		0.142	3.60	10	12/23/2020 17:08	WG1595455
Indeno(1,2,3-cd)pyrene	U		0.102	0.360	10	12/23/2020 17:08	WG1595455
Isophorone	U		0.110	3.60	10	12/23/2020 17:08	WG1595455
Naphthalene	U		0.0905	0.360	10	12/23/2020 17:08	WG1595455

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.126	3.60	10	12/23/2020 17:08	WG1595455
n-Nitrosodimethylamine	U		0.535	3.60	10	12/23/2020 17:08	WG1595455
n-Nitrosodiphenylamine	U		0.273	3.60	10	12/23/2020 17:08	WG1595455
n-Nitrosodi-n-propylamine	U		0.120	3.60	10	12/23/2020 17:08	WG1595455
Phenanthrene	U		0.0715	0.360	10	12/23/2020 17:08	WG1595455
Pyridine	U		0.238	3.60	10	12/23/2020 17:08	WG1595455
Benzylbutyl phthalate	U		0.113	3.60	10	12/23/2020 17:08	WG1595455
Bis(2-ethylhexyl)phthalate	U		0.457	3.60	10	12/23/2020 17:08	WG1595455
Di-n-butyl phthalate	U		0.123	3.60	10	12/23/2020 17:08	WG1595455
Diethyl phthalate	U		0.119	3.60	10	12/23/2020 17:08	WG1595455
Dimethyl phthalate	U		0.764	3.60	10	12/23/2020 17:08	WG1595455
Di-n-octyl phthalate	U		0.244	3.60	10	12/23/2020 17:08	WG1595455
Pyrene	U		0.0701	0.360	10	12/23/2020 17:08	WG1595455
1,2,4-Trichlorobenzene	U		0.113	3.60	10	12/23/2020 17:08	WG1595455
4-Chloro-3-methylphenol	U		0.117	3.60	10	12/23/2020 17:08	WG1595455
2-Chlorophenol	U		0.119	3.60	10	12/23/2020 17:08	WG1595455
2,4-Dichlorophenol	U		0.105	3.60	10	12/23/2020 17:08	WG1595455
2,4-Dimethylphenol	U		0.0942	3.60	10	12/23/2020 17:08	WG1595455
4,6-Dinitro-2-methylphenol	U		0.817	3.60	10	12/23/2020 17:08	WG1595455
2,4-Dinitrophenol	U		0.843	3.60	10	12/23/2020 17:08	WG1595455
2-Methylphenol	U		0.108	3.60	10	12/23/2020 17:08	WG1595455
3&4-Methyl Phenol	U		0.113	3.60	10	12/23/2020 17:08	WG1595455
2-Nitrophenol	U		0.129	3.60	10	12/23/2020 17:08	WG1595455
4-Nitrophenol	U		0.113	3.60	10	12/23/2020 17:08	WG1595455
Pentachlorophenol	U		0.0970	3.60	10	12/23/2020 17:08	WG1595455
Phenol	U		0.145	3.60	10	12/23/2020 17:08	WG1595455
2,4,6-Trichlorophenol	U		0.116	3.60	10	12/23/2020 17:08	WG1595455
2,4,5-Trichlorophenol	U		0.122	3.60	10	12/23/2020 17:08	WG1595455
(S) 2-Fluorophenol	*76.7*			*12.0-120*		*12/23/2020 17:08*	WG1595455
(S) Phenol-d5	*69.8*			*10.0-120*		*12/23/2020 17:08*	WG1595455
(S) Nitrobenzene-d5	*65.3*			*10.0-122*		*12/23/2020 17:08*	WG1595455
(S) 2-Fluorobiphenyl	*60.0*			*15.0-120*		*12/23/2020 17:08*	WG1595455
(S) 2,4,6-Tribromophenol	*159*	J1		*10.0-127*		*12/23/2020 17:08*	WG1595455
(S) p-Terphenyl-d14	*65.9*			*10.0-120*		*12/23/2020 17:08*	WG1595455

Sample Narrative:

L1298078-38 WG1595455: Diluted due to matrix

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.0		1	12/19/2020 09:33	WG1594415

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0298	J	0.0207	0.0460	1	12/23/2020 14:38	WG1595814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U	J6	0.625	2.30	1	12/21/2020 05:44	WG1594450
Arsenic	11.8		0.595	2.30	1	12/21/2020 05:44	WG1594450
Barium	87.3	O1	0.0979	0.574	1	12/21/2020 05:44	WG1594450
Beryllium	0.607		0.0362	0.230	1	12/21/2020 05:44	WG1594450
Cadmium	0.316	J	0.0541	0.574	1	12/21/2020 05:44	WG1594450
Chromium	38.3	O1	0.153	1.15	1	12/21/2020 05:44	WG1594450
Cobalt	11.4		0.0932	1.15	1	12/21/2020 05:44	WG1594450
Copper	14.2		0.460	2.30	1	12/21/2020 05:44	WG1594450
Lead	6.31		0.239	0.574	1	12/21/2020 05:44	WG1594450
Molybdenum	2.05		0.125	0.574	1	12/21/2020 05:44	WG1594450
Nickel	17.9	O1	0.152	2.30	1	12/21/2020 05:44	WG1594450
Selenium	U		0.878	2.30	1	12/21/2020 05:44	WG1594450
Silver	U	O1	0.146	1.15	1	12/21/2020 05:44	WG1594450
Thallium	U		0.453	2.30	1	12/21/2020 05:44	WG1594450
Vanadium	55.2	O1	0.581	2.30	1	12/21/2020 05:44	WG1594450
Zinc	51.8	O1	0.956	5.74	1	12/21/2020 05:44	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	7.51		0.842	4.60	1	12/22/2020 21:00	WG1595950
C22-C32 Hydrocarbons	60.0		1.53	4.60	1	12/22/2020 21:00	WG1595950
C32-C40 Hydrocarbons	48.4		1.53	4.60	1	12/22/2020 21:00	WG1595950
(S) o-Terphenyl	*76.5*			*18.0-148*		*12/22/2020 21:00*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00807	0.0804	1	12/23/2020 23:38	WG1594825
Dalapon	U		0.0130	0.0804	1	12/23/2020 23:38	WG1594825
2,4-DB	U		0.0341	0.0804	1	12/23/2020 23:38	WG1594825
Dicamba	U		0.0180	0.0804	1	12/23/2020 23:38	WG1594825
Dichloroprop	U		0.0282	0.0804	1	12/23/2020 23:38	WG1594825
Dinoseb	U		0.00801	0.0804	1	12/23/2020 23:38	WG1594825
MCPA	U	J4	0.509	7.47	1	12/23/2020 23:38	WG1594825
MCPP	U	J4	0.422	7.47	1	12/23/2020 23:38	WG1594825
2,4,5-T	U		0.00979	0.0804	1	12/23/2020 23:38	WG1594825
2,4,5-TP (Silvex)	U		0.0123	0.0804	1	12/23/2020 23:38	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*50.3*			*22.0-132*		*12/23/2020 23:38*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0365	0.115	1	12/22/2020 18:40	WG1594289
Bolstar (Sulprofos)	U		0.0171	0.115	1	12/22/2020 18:40	WG1594289
Chlorpyrifos	U		0.0180	0.115	1	12/22/2020 18:40	WG1594289
Coumaphos	U		0.0279	0.115	1	12/22/2020 18:40	WG1594289
Demeton,-O and -S	U		0.00671	0.0804	1	12/22/2020 18:40	WG1594289
Diazinon	U		0.0259	0.115	1	12/22/2020 18:40	WG1594289
Dichlorvos	U		0.0345	0.115	1	12/22/2020 18:40	WG1594289
Dimethoate	U		0.0384	0.115	1	12/22/2020 18:40	WG1594289
Disulfoton	U		0.0292	0.115	1	12/22/2020 18:40	WG1594289
EPN	U		0.0317	0.115	1	12/22/2020 18:40	WG1594289
Ethoprop	U		0.0136	0.115	1	12/22/2020 18:40	WG1594289
Ethyl Parathion	U		0.0188	0.115	1	12/22/2020 18:40	WG1594289
Fensulfothion	U		0.0406	0.115	1	12/22/2020 18:40	WG1594289
Fenthion	U		0.0153	0.115	1	12/22/2020 18:40	WG1594289
Malathion	U		0.0206	0.115	1	12/22/2020 18:40	WG1594289
Merphos	U		0.0267	0.115	1	12/22/2020 18:40	WG1594289
Methyl parathion	U		0.0233	0.115	1	12/22/2020 18:40	WG1594289
Mevinphos	U		0.0264	0.115	1	12/22/2020 18:40	WG1594289
Naled	U		0.0552	0.115	1	12/22/2020 18:40	WG1594289
Phorate	U		0.0241	0.115	1	12/22/2020 18:40	WG1594289
Ronnel	U		0.0171	0.115	1	12/22/2020 18:40	WG1594289
Stirophos	U		0.0205	0.115	1	12/22/2020 18:40	WG1594289
Sulfotep	U		0.0113	0.115	1	12/22/2020 18:40	WG1594289
TEPP	U	J4	0.180	1.15	1	12/22/2020 18:40	WG1594289
Tokuthion (Prothothiofos)	U		0.0172	0.115	1	12/22/2020 18:40	WG1594289
Trichloronate	U		0.0231	0.115	1	12/22/2020 18:40	WG1594289
(S) Triphenyl Phosphate	*75.0*			*36.0-121*		*12/22/2020 18:40*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00432	0.0230	1	12/28/2020 17:19	WG1597034
Alpha BHC	U		0.00423	0.0230	1	12/28/2020 17:19	WG1597034
Beta BHC	U		0.00435	0.0230	1	12/28/2020 17:19	WG1597034
Delta BHC	U		0.00398	0.0230	1	12/28/2020 17:19	WG1597034
Gamma BHC	U		0.00395	0.0230	1	12/28/2020 17:19	WG1597034
4,4-DDD	U		0.00425	0.0230	1	12/28/2020 17:19	WG1597034
4,4-DDE	U		0.00421	0.0230	1	12/28/2020 17:19	WG1597034
4,4-DDT	U		0.00720	0.0230	1	12/28/2020 17:19	WG1597034
Dieldrin	U		0.00395	0.0230	1	12/28/2020 17:19	WG1597034
Endosulfan I	U		0.00417	0.0230	1	12/28/2020 17:19	WG1597034
Endosulfan II	U		0.00385	0.0230	1	12/28/2020 17:19	WG1597034
Endosulfan sulfate	U		0.00418	0.0230	1	12/28/2020 17:19	WG1597034
Endrin	U		0.00402	0.0230	1	12/28/2020 17:19	WG1597034
Endrin aldehyde	U		0.00390	0.0230	1	12/28/2020 17:19	WG1597034
Endrin ketone	U		0.00817	0.0230	1	12/28/2020 17:19	WG1597034
Heptachlor	U		0.00492	0.0230	1	12/28/2020 17:19	WG1597034
Heptachlor epoxide	U		0.00390	0.0230	1	12/28/2020 17:19	WG1597034
Hexachlorobenzene	U		0.00398	0.0230	1	12/28/2020 17:19	WG1597034
Methoxychlor	U		0.00556	0.0230	1	12/28/2020 17:19	WG1597034
Chlordane	U		0.118	0.345	1	12/28/2020 17:19	WG1597034
Toxaphene	U		0.142	0.460	1	12/28/2020 17:19	WG1597034
(S) Decachlorobiphenyl	*95.4*			*10.0-135*		*12/28/2020 17:19*	WG1597034
(S) Tetrachloro-m-xylene	*96.2*			*10.0-139*		*12/28/2020 17:19*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.3		1	12/19/2020 10:00	WG1594416

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.49	4.49	25	12/24/2020 19:43	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*12/24/2020 19:43*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0655	0.0898	1	12/20/2020 15:39	WG1595022
Acrylonitrile	U		0.00648	0.0224	1	12/20/2020 15:39	WG1595022
Benzene	U		0.000838	0.00180	1	12/20/2020 15:39	WG1595022
Bromobenzene	U		0.00162	0.0224	1	12/20/2020 15:39	WG1595022
Bromodichloromethane	U		0.00130	0.00449	1	12/20/2020 15:39	WG1595022
Bromoform	U		0.00210	0.0449	1	12/20/2020 15:39	WG1595022
Bromomethane	U		0.00354	0.0224	1	12/20/2020 15:39	WG1595022
n-Butylbenzene	U		0.00942	0.0224	1	12/20/2020 15:39	WG1595022
sec-Butylbenzene	U		0.00517	0.0224	1	12/20/2020 15:39	WG1595022
tert-Butylbenzene	U		0.00350	0.00898	1	12/20/2020 15:39	WG1595022
Carbon tetrachloride	U		0.00161	0.00898	1	12/20/2020 15:39	WG1595022
Chlorobenzene	U		0.000377	0.00449	1	12/20/2020 15:39	WG1595022
Chlorodibromomethane	U		0.00110	0.00449	1	12/20/2020 15:39	WG1595022
Chloroethane	U		0.00305	0.00898	1	12/20/2020 15:39	WG1595022
Chloroform	U		0.00185	0.00449	1	12/20/2020 15:39	WG1595022
Chloromethane	U		0.00781	0.0224	1	12/20/2020 15:39	WG1595022
2-Chlorotoluene	U		0.00155	0.00449	1	12/20/2020 15:39	WG1595022
4-Chlorotoluene	U		0.000808	0.00898	1	12/20/2020 15:39	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00700	0.0449	1	12/20/2020 15:39	WG1595022
1,2-Dibromoethane	U		0.00116	0.00449	1	12/20/2020 15:39	WG1595022
Dibromomethane	U		0.00135	0.00898	1	12/20/2020 15:39	WG1595022
1,2-Dichlorobenzene	U		0.000763	0.00898	1	12/20/2020 15:39	WG1595022
1,3-Dichlorobenzene	U		0.00108	0.00898	1	12/20/2020 15:39	WG1595022
1,4-Dichlorobenzene	U		0.00126	0.00898	1	12/20/2020 15:39	WG1595022
Dichlorodifluoromethane	U		0.00289	0.00449	1	12/20/2020 15:39	WG1595022
1,1-Dichloroethane	U		0.000881	0.00449	1	12/20/2020 15:39	WG1595022
1,2-Dichloroethane	U		0.00117	0.00449	1	12/20/2020 15:39	WG1595022
1,1-Dichloroethene	U		0.00109	0.00449	1	12/20/2020 15:39	WG1595022
cis-1,2-Dichloroethene	U		0.00132	0.00449	1	12/20/2020 15:39	WG1595022
trans-1,2-Dichloroethene	U		0.00187	0.00898	1	12/20/2020 15:39	WG1595022
1,2-Dichloropropane	U		0.00255	0.00898	1	12/20/2020 15:39	WG1595022
1,1-Dichloropropene	U		0.00145	0.00449	1	12/20/2020 15:39	WG1595022
1,3-Dichloropropane	U		0.000899	0.00898	1	12/20/2020 15:39	WG1595022
cis-1,3-Dichloropropene	U		0.00136	0.00449	1	12/20/2020 15:39	WG1595022
trans-1,3-Dichloropropene	U		0.00205	0.00898	1	12/20/2020 15:39	WG1595022
2,2-Dichloropropane	U		0.00248	0.00449	1	12/20/2020 15:39	WG1595022
Di-isopropyl ether	U		0.000736	0.00180	1	12/20/2020 15:39	WG1595022
Ethylbenzene	U		0.00132	0.00449	1	12/20/2020 15:39	WG1595022
Hexachloro-1,3-butadiene	U		0.0108	0.0449	1	12/20/2020 15:39	WG1595022
Isopropylbenzene	U		0.000763	0.00449	1	12/20/2020 15:39	WG1595022
p-Isopropyltoluene	U		0.00458	0.00898	1	12/20/2020 15:39	WG1595022
2-Butanone (MEK)	U		0.114	0.180	1	12/20/2020 15:39	WG1595022
Methylene Chloride	U		0.0119	0.0449	1	12/20/2020 15:39	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00409	0.0449	1	12/20/2020 15:39	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000628	0.00180	1	12/20/2020 15:39	WG1595022
Naphthalene	U		0.00876	0.0224	1	12/20/2020 15:39	WG1595022
n-Propylbenzene	U		0.00171	0.00898	1	12/20/2020 15:39	WG1595022
Styrene	U		0.000411	0.0224	1	12/20/2020 15:39	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00170	0.00449	1	12/20/2020 15:39	WG1595022
1,1,2,2-Tetrachloroethane	U		0.00125	0.00449	1	12/20/2020 15:39	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00135	0.00449	1	12/20/2020 15:39	WG1595022
Tetrachloroethene	U		0.00161	0.00449	1	12/20/2020 15:39	WG1595022
Toluene	U		0.00233	0.00898	1	12/20/2020 15:39	WG1595022
1,2,3-Trichlorobenzene	U		0.0132	0.0224	1	12/20/2020 15:39	WG1595022
1,2,4-Trichlorobenzene	U		0.00790	0.0224	1	12/20/2020 15:39	WG1595022
1,1,1-Trichloroethane	U		0.00166	0.00449	1	12/20/2020 15:39	WG1595022
1,1,2-Trichloroethane	U		0.00107	0.00449	1	12/20/2020 15:39	WG1595022
Trichloroethene	U		0.00105	0.00180	1	12/20/2020 15:39	WG1595022
Trichlorofluoromethane	U		0.00148	0.00449	1	12/20/2020 15:39	WG1595022
1,2,3-Trichloropropane	U		0.00291	0.0224	1	12/20/2020 15:39	WG1595022
1,2,4-Trimethylbenzene	U		0.00284	0.00898	1	12/20/2020 15:39	WG1595022
1,2,3-Trimethylbenzene	U		0.00284	0.00898	1	12/20/2020 15:39	WG1595022
1,3,5-Trimethylbenzene	U		0.00359	0.00898	1	12/20/2020 15:39	WG1595022
Vinyl chloride	U		0.00208	0.00449	1	12/20/2020 15:39	WG1595022
Xylenes, Total	U		0.00158	0.0117	1	12/20/2020 15:39	WG1595022
(S) Toluene-d8	*109*			*75.0-131*		*12/20/2020 15:39*	WG1595022
(S) 4-Bromofluorobenzene	*98.4*			*67.0-138*		*12/20/2020 15:39*	WG1595022
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*12/20/2020 15:39*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00671	0.0414	1	12/23/2020 16:26	WG1595455
Acenaphthylene	U		0.00584	0.0414	1	12/23/2020 16:26	WG1595455
Anthracene	U		0.00738	0.0414	1	12/23/2020 16:26	WG1595455
Benzo(a)anthracene	0.0147	J	0.00731	0.0414	1	12/23/2020 16:26	WG1595455
Benzo(b)fluoranthene	0.0255	J	0.00773	0.0414	1	12/23/2020 16:26	WG1595455
Benzo(k)fluoranthene	0.00789	J	0.00737	0.0414	1	12/23/2020 16:26	WG1595455
Benzo(g,h,i)perylene	0.0111	J	0.00758	0.0414	1	12/23/2020 16:26	WG1595455
Benzo(a)pyrene	0.0286	J	0.00770	0.0414	1	12/23/2020 16:26	WG1595455
Bis(2-chlorethoxy)methane	U		0.0124	0.414	1	12/23/2020 16:26	WG1595455
Bis(2-chloroethyl)ether	U		0.0137	0.414	1	12/23/2020 16:26	WG1595455
2,2-Oxybis(1-Chloropropane)	U		0.0179	0.414	1	12/23/2020 16:26	WG1595455
4-Bromophenyl-phenylether	U		0.0146	0.414	1	12/23/2020 16:26	WG1595455
2-Chloronaphthalene	U		0.00728	0.0414	1	12/23/2020 16:26	WG1595455
4-Chlorophenyl-phenylether	U		0.0144	0.414	1	12/23/2020 16:26	WG1595455
Chrysene	0.0179	J	0.00824	0.0414	1	12/23/2020 16:26	WG1595455
Dibenz(a,h)anthracene	U		0.0115	0.0414	1	12/23/2020 16:26	WG1595455
3,3-Dichlorobenzidine	U		0.0153	0.414	1	12/23/2020 16:26	WG1595455
2,4-Dinitrotoluene	U		0.0119	0.414	1	12/23/2020 16:26	WG1595455
2,6-Dinitrotoluene	U		0.0136	0.414	1	12/23/2020 16:26	WG1595455
Fluoranthene	0.0256	J	0.00748	0.0414	1	12/23/2020 16:26	WG1595455
Fluorene	U		0.00675	0.0414	1	12/23/2020 16:26	WG1595455
Hexachlorobenzene	U		0.0147	0.414	1	12/23/2020 16:26	WG1595455
Hexachloro-1,3-butadiene	U		0.0139	0.414	1	12/23/2020 16:26	WG1595455
Hexachlorocyclopentadiene	U		0.0218	0.414	1	12/23/2020 16:26	WG1595455
Hexachloroethane	U		0.0163	0.414	1	12/23/2020 16:26	WG1595455
Indeno(1,2,3-cd)pyrene	0.0144	J	0.0117	0.0414	1	12/23/2020 16:26	WG1595455
Isophorone	U		0.0127	0.414	1	12/23/2020 16:26	WG1595455
Naphthalene	U		0.0104	0.0414	1	12/23/2020 16:26	WG1595455

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0144	0.414	1	12/23/2020 16:26	WG1595455
n-Nitrosodimethylamine	U		0.0615	0.414	1	12/23/2020 16:26	WG1595455
n-Nitrosodiphenylamine	U		0.0314	0.414	1	12/23/2020 16:26	WG1595455
n-Nitrosodi-n-propylamine	U		0.0138	0.414	1	12/23/2020 16:26	WG1595455
Phenanthrene	U		0.00823	0.0414	1	12/23/2020 16:26	WG1595455
Pyridine	U		0.0274	0.414	1	12/23/2020 16:26	WG1595455
Benzylbutyl phthalate	U		0.0129	0.414	1	12/23/2020 16:26	WG1595455
Bis(2-ethylhexyl)phthalate	U		0.0525	0.414	1	12/23/2020 16:26	WG1595455
Di-n-butyl phthalate	U		0.0142	0.414	1	12/23/2020 16:26	WG1595455
Diethyl phthalate	U		0.0137	0.414	1	12/23/2020 16:26	WG1595455
Dimethyl phthalate	U		0.0879	0.414	1	12/23/2020 16:26	WG1595455
Di-n-octyl phthalate	U		0.0280	0.414	1	12/23/2020 16:26	WG1595455
Pyrene	0.0218	J	0.00807	0.0414	1	12/23/2020 16:26	WG1595455
1,2,4-Trichlorobenzene	U		0.0129	0.414	1	12/23/2020 16:26	WG1595455
4-Chloro-3-methylphenol	U		0.0134	0.414	1	12/23/2020 16:26	WG1595455
2-Chlorophenol	U		0.0137	0.414	1	12/23/2020 16:26	WG1595455
2,4-Dichlorophenol	U		0.0121	0.414	1	12/23/2020 16:26	WG1595455
2,4-Dimethylphenol	U		0.0108	0.414	1	12/23/2020 16:26	WG1595455
4,6-Dinitro-2-methylphenol	U		0.0940	0.414	1	12/23/2020 16:26	WG1595455
2,4-Dinitrophenol	U		0.0970	0.414	1	12/23/2020 16:26	WG1595455
2-Methylphenol	U		0.0124	0.414	1	12/23/2020 16:26	WG1595455
3&4-Methyl Phenol	U		0.0129	0.414	1	12/23/2020 16:26	WG1595455
2-Nitrophenol	U		0.0148	0.414	1	12/23/2020 16:26	WG1595455
4-Nitrophenol	U		0.0129	0.414	1	12/23/2020 16:26	WG1595455
Pentachlorophenol	U		0.0112	0.414	1	12/23/2020 16:26	WG1595455
Phenol	U		0.0167	0.414	1	12/23/2020 16:26	WG1595455
2,4,6-Trichlorophenol	U		0.0133	0.414	1	12/23/2020 16:26	WG1595455
2,4,5-Trichlorophenol	U		0.0141	0.414	1	12/23/2020 16:26	WG1595455
(S) 2-Fluorophenol	*49.8*			*12.0-120*		*12/23/2020 16:26*	WG1595455
(S) Phenol-d5	*47.1*			*10.0-120*		*12/23/2020 16:26*	WG1595455
(S) Nitrobenzene-d5	*44.9*			*10.0-122*		*12/23/2020 16:26*	WG1595455
(S) 2-Fluorobiphenyl	*40.4*			*15.0-120*		*12/23/2020 16:26*	WG1595455
(S) 2,4,6-Tribromophenol	*61.1*			*10.0-127*		*12/23/2020 16:26*	WG1595455
(S) p-Terphenyl-d14	*42.0*			*10.0-120*		*12/23/2020 16:26*	WG1595455

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.3		1	12/19/2020 10:00	WG1594416

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0246	J	0.0206	0.0458	1	12/23/2020 14:41	WG1595814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.623	2.29	1	12/21/2020 12:11	WG1594442
Arsenic	15.0		0.594	2.29	1	12/21/2020 12:11	WG1594442
Barium	64.9		0.0976	0.573	1	12/21/2020 12:11	WG1594442
Beryllium	1.15		0.0361	0.229	1	12/21/2020 12:11	WG1594442
Cadmium	0.281	J	0.0540	0.573	1	12/21/2020 12:11	WG1594442
Chromium	46.4		0.152	1.15	1	12/21/2020 12:11	WG1594442
Cobalt	18.4		0.0929	1.15	1	12/21/2020 12:11	WG1594442
Copper	17.6		0.458	2.29	1	12/21/2020 12:11	WG1594442
Lead	7.32		0.238	0.573	1	12/21/2020 12:11	WG1594442
Molybdenum	1.17		0.125	0.573	1	12/21/2020 12:11	WG1594442
Nickel	20.6		0.151	2.29	1	12/21/2020 12:11	WG1594442
Selenium	U		0.876	2.29	1	12/21/2020 12:11	WG1594442
Silver	U		0.146	1.15	1	12/21/2020 12:11	WG1594442
Thallium	U		0.452	2.29	1	12/21/2020 12:11	WG1594442
Vanadium	107		0.580	2.29	1	12/21/2020 12:11	WG1594442
Zinc	94.8		0.954	5.73	1	12/21/2020 12:11	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	4.29	J	0.840	4.58	1	12/22/2020 18:36	WG1595950
C22-C32 Hydrocarbons	16.3		1.52	4.58	1	12/22/2020 18:36	WG1595950
C32-C40 Hydrocarbons	15.0		1.52	4.58	1	12/22/2020 18:36	WG1595950
(S) o-Terphenyl	*92.2*			*18.0-148*		*12/22/2020 18:36*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00805	0.0802	1	12/23/2020 23:52	WG1594825
Dalapon	U		0.0130	0.0802	1	12/23/2020 23:52	WG1594825
2,4-DB	U		0.0340	0.0802	1	12/23/2020 23:52	WG1594825
Dicamba	U		0.0180	0.0802	1	12/23/2020 23:52	WG1594825
Dichloroprop	U		0.0281	0.0802	1	12/23/2020 23:52	WG1594825
Dinoseb	U		0.00799	0.0802	1	12/23/2020 23:52	WG1594825
MCPA	U	J4	0.508	7.45	1	12/23/2020 23:52	WG1594825
MCPP	U	J4	0.421	7.45	1	12/23/2020 23:52	WG1594825
2,4,5-T	U		0.00976	0.0802	1	12/23/2020 23:52	WG1594825
2,4,5-TP (Silvex)	U		0.0123	0.0802	1	12/23/2020 23:52	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*49.8*			*22.0-132*		*12/23/2020 23:52*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0364	0.115	1	12/22/2020 19:13	WG1594289
Bolstar (Sulprofos)	U		0.0171	0.115	1	12/22/2020 19:13	WG1594289
Chlorpyrifos	U		0.0180	0.115	1	12/22/2020 19:13	WG1594289
Coumaphos	U		0.0278	0.115	1	12/22/2020 19:13	WG1594289
Demeton,-O and -S	U		0.00669	0.0802	1	12/22/2020 19:13	WG1594289
Diazinon	U		0.0258	0.115	1	12/22/2020 19:13	WG1594289
Dichlorvos	U		0.0344	0.115	1	12/22/2020 19:13	WG1594289
Dimethoate	U		0.0383	0.115	1	12/22/2020 19:13	WG1594289
Disulfoton	U		0.0291	0.115	1	12/22/2020 19:13	WG1594289
EPN	U		0.0316	0.115	1	12/22/2020 19:13	WG1594289
Ethoprop	U		0.0135	0.115	1	12/22/2020 19:13	WG1594289
Ethyl Parathion	U		0.0188	0.115	1	12/22/2020 19:13	WG1594289
Fensulfothion	U		0.0405	0.115	1	12/22/2020 19:13	WG1594289
Fenthion	U		0.0152	0.115	1	12/22/2020 19:13	WG1594289
Malathion	U		0.0205	0.115	1	12/22/2020 19:13	WG1594289
Merphos	U		0.0266	0.115	1	12/22/2020 19:13	WG1594289
Methyl parathion	U		0.0233	0.115	1	12/22/2020 19:13	WG1594289
Mevinphos	U		0.0264	0.115	1	12/22/2020 19:13	WG1594289
Naled	U		0.0550	0.115	1	12/22/2020 19:13	WG1594289
Phorate	U		0.0241	0.115	1	12/22/2020 19:13	WG1594289
Ronnel	U		0.0171	0.115	1	12/22/2020 19:13	WG1594289
Stirophos	U		0.0204	0.115	1	12/22/2020 19:13	WG1594289
Sulfotep	U		0.0113	0.115	1	12/22/2020 19:13	WG1594289
TEPP	U	J4	0.180	1.15	1	12/22/2020 19:13	WG1594289
Tokuthion (Prothothiofos)	U		0.0172	0.115	1	12/22/2020 19:13	WG1594289
Trichloronate	U		0.0230	0.115	1	12/22/2020 19:13	WG1594289
(S) Triphenyl Phosphate	*78.6*			*36.0-121*		*12/22/2020 19:13*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00431	0.0229	1	12/28/2020 17:32	WG1597034
Alpha BHC	U		0.00422	0.0229	1	12/28/2020 17:32	WG1597034
Beta BHC	U		0.00434	0.0229	1	12/28/2020 17:32	WG1597034
Delta BHC	U		0.00397	0.0229	1	12/28/2020 17:32	WG1597034
Gamma BHC	U		0.00394	0.0229	1	12/28/2020 17:32	WG1597034
4,4-DDD	U		0.00424	0.0229	1	12/28/2020 17:32	WG1597034
4,4-DDE	U		0.00419	0.0229	1	12/28/2020 17:32	WG1597034
4,4-DDT	U		0.00719	0.0229	1	12/28/2020 17:32	WG1597034
Dieldrin	U		0.00394	0.0229	1	12/28/2020 17:32	WG1597034
Endosulfan I	U		0.00416	0.0229	1	12/28/2020 17:32	WG1597034
Endosulfan II	U		0.00384	0.0229	1	12/28/2020 17:32	WG1597034
Endosulfan sulfate	U		0.00417	0.0229	1	12/28/2020 17:32	WG1597034
Endrin	U		0.00401	0.0229	1	12/28/2020 17:32	WG1597034
Endrin aldehyde	U		0.00389	0.0229	1	12/28/2020 17:32	WG1597034
Endrin ketone	U		0.00815	0.0229	1	12/28/2020 17:32	WG1597034
Heptachlor	U		0.00491	0.0229	1	12/28/2020 17:32	WG1597034
Heptachlor epoxide	U		0.00389	0.0229	1	12/28/2020 17:32	WG1597034
Hexachlorobenzene	U		0.00397	0.0229	1	12/28/2020 17:32	WG1597034
Methoxychlor	U		0.00555	0.0229	1	12/28/2020 17:32	WG1597034
Chlordane	U		0.118	0.344	1	12/28/2020 17:32	WG1597034
Toxaphene	U		0.142	0.458	1	12/28/2020 17:32	WG1597034
(S) Decachlorobiphenyl	*89.4*			*10.0-135*		*12/28/2020 17:32*	WG1597034
(S) Tetrachloro-m-xylene	*91.9*			*10.0-139*		*12/28/2020 17:32*	WG1597034

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.3		1	12/19/2020 10:00	WG1594416

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.25	J	1.03	3.10	25	12/24/2020 20:04	WG1596885
(S) a,a,a-Trifluorotoluene(FID)	*94.4*			*77.0-120*		*12/24/2020 20:04*	WG1596885

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0453	0.0620	1	12/20/2020 15:58	WG1595022
Acrylonitrile	U		0.00448	0.0155	1	12/20/2020 15:58	WG1595022
Benzene	U		0.000579	0.00124	1	12/20/2020 15:58	WG1595022
Bromobenzene	U		0.00112	0.0155	1	12/20/2020 15:58	WG1595022
Bromodichloromethane	U		0.000899	0.00310	1	12/20/2020 15:58	WG1595022
Bromoform	U		0.00145	0.0310	1	12/20/2020 15:58	WG1595022
Bromomethane	U		0.00244	0.0155	1	12/20/2020 15:58	WG1595022
n-Butylbenzene	U		0.00651	0.0155	1	12/20/2020 15:58	WG1595022
sec-Butylbenzene	U		0.00357	0.0155	1	12/20/2020 15:58	WG1595022
tert-Butylbenzene	U		0.00242	0.00620	1	12/20/2020 15:58	WG1595022
Carbon tetrachloride	U		0.00111	0.00620	1	12/20/2020 15:58	WG1595022
Chlorobenzene	U		0.000260	0.00310	1	12/20/2020 15:58	WG1595022
Chlorodibromomethane	U		0.000759	0.00310	1	12/20/2020 15:58	WG1595022
Chloroethane	U		0.00211	0.00620	1	12/20/2020 15:58	WG1595022
Chloroform	U		0.00128	0.00310	1	12/20/2020 15:58	WG1595022
Chloromethane	U		0.00539	0.0155	1	12/20/2020 15:58	WG1595022
2-Chlorotoluene	U		0.00107	0.00310	1	12/20/2020 15:58	WG1595022
4-Chlorotoluene	U		0.000558	0.00620	1	12/20/2020 15:58	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00484	0.0310	1	12/20/2020 15:58	WG1595022
1,2-Dibromoethane	U		0.000803	0.00310	1	12/20/2020 15:58	WG1595022
Dibromomethane	U		0.000930	0.00620	1	12/20/2020 15:58	WG1595022
1,2-Dichlorobenzene	U		0.000527	0.00620	1	12/20/2020 15:58	WG1595022
1,3-Dichlorobenzene	U		0.000744	0.00620	1	12/20/2020 15:58	WG1595022
1,4-Dichlorobenzene	U		0.000868	0.00620	1	12/20/2020 15:58	WG1595022
Dichlorodifluoromethane	U		0.00200	0.00310	1	12/20/2020 15:58	WG1595022
1,1-Dichloroethane	U		0.000609	0.00310	1	12/20/2020 15:58	WG1595022
1,2-Dichloroethane	U		0.000805	0.00310	1	12/20/2020 15:58	WG1595022
1,1-Dichloroethene	U		0.000751	0.00310	1	12/20/2020 15:58	WG1595022
cis-1,2-Dichloroethene	U		0.000910	0.00310	1	12/20/2020 15:58	WG1595022
trans-1,2-Dichloroethene	U		0.00129	0.00620	1	12/20/2020 15:58	WG1595022
1,2-Dichloropropane	U		0.00176	0.00620	1	12/20/2020 15:58	WG1595022
1,1-Dichloropropene	U		0.00100	0.00310	1	12/20/2020 15:58	WG1595022
1,3-Dichloropropane	U		0.000621	0.00620	1	12/20/2020 15:58	WG1595022
cis-1,3-Dichloropropene	U		0.000939	0.00310	1	12/20/2020 15:58	WG1595022
trans-1,3-Dichloropropene	U		0.00141	0.00620	1	12/20/2020 15:58	WG1595022
2,2-Dichloropropane	U		0.00171	0.00310	1	12/20/2020 15:58	WG1595022
Di-isopropyl ether	U		0.000508	0.00124	1	12/20/2020 15:58	WG1595022
Ethylbenzene	U		0.000914	0.00310	1	12/20/2020 15:58	WG1595022
Hexachloro-1,3-butadiene	U		0.00744	0.0310	1	12/20/2020 15:58	WG1595022
Isopropylbenzene	U		0.000527	0.00310	1	12/20/2020 15:58	WG1595022
p-Isopropyltoluene	U		0.00316	0.00620	1	12/20/2020 15:58	WG1595022
2-Butanone (MEK)	U		0.0787	0.124	1	12/20/2020 15:58	WG1595022
Methylene Chloride	U		0.00823	0.0310	1	12/20/2020 15:58	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00283	0.0310	1	12/20/2020 15:58	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000434	0.00124	1	12/20/2020 15:58	WG1595022
Naphthalene	U		0.00605	0.0155	1	12/20/2020 15:58	WG1595022
n-Propylbenzene	U		0.00118	0.00620	1	12/20/2020 15:58	WG1595022
Styrene	U		0.000284	0.0155	1	12/20/2020 15:58	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00118	0.00310	1	12/20/2020 15:58	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000862	0.00310	1	12/20/2020 15:58	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.000935	0.00310	1	12/20/2020 15:58	WG1595022
Tetrachloroethene	U		0.00111	0.00310	1	12/20/2020 15:58	WG1595022
Toluene	U		0.00161	0.00620	1	12/20/2020 15:58	WG1595022
1,2,3-Trichlorobenzene	U		0.00909	0.0155	1	12/20/2020 15:58	WG1595022
1,2,4-Trichlorobenzene	U		0.00546	0.0155	1	12/20/2020 15:58	WG1595022
1,1,1-Trichloroethane	U		0.00114	0.00310	1	12/20/2020 15:58	WG1595022
1,1,2-Trichloroethane	U		0.000740	0.00310	1	12/20/2020 15:58	WG1595022
Trichloroethene	U		0.000724	0.00124	1	12/20/2020 15:58	WG1595022
Trichlorofluoromethane	U		0.00103	0.00310	1	12/20/2020 15:58	WG1595022
1,2,3-Trichloropropane	U		0.00201	0.0155	1	12/20/2020 15:58	WG1595022
1,2,4-Trimethylbenzene	U		0.00196	0.00620	1	12/20/2020 15:58	WG1595022
1,2,3-Trimethylbenzene	U		0.00196	0.00620	1	12/20/2020 15:58	WG1595022
1,3,5-Trimethylbenzene	U		0.00248	0.00620	1	12/20/2020 15:58	WG1595022
Vinyl chloride	U		0.00144	0.00310	1	12/20/2020 15:58	WG1595022
Xylenes, Total	U		0.00109	0.00806	1	12/20/2020 15:58	WG1595022
(S) Toluene-d8	*108*			*75.0-131*		*12/20/2020 15:58*	WG1595022
(S) 4-Bromofluorobenzene	*97.2*			*67.0-138*		*12/20/2020 15:58*	WG1595022
(S) 1,2-Dichloroethane-d4	*89.2*			*70.0-130*		*12/20/2020 15:58*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00604	0.0373	1	12/22/2020 14:37	WG1595455
Acenaphthylene	U		0.00525	0.0373	1	12/22/2020 14:37	WG1595455
Anthracene	U		0.00664	0.0373	1	12/22/2020 14:37	WG1595455
Benzo(a)anthracene	U		0.00657	0.0373	1	12/22/2020 14:37	WG1595455
Benzo(b)fluoranthene	U		0.00695	0.0373	1	12/22/2020 14:37	WG1595455
Benzo(k)fluoranthene	U		0.00663	0.0373	1	12/22/2020 14:37	WG1595455
Benzo(g,h,i)perylene	U		0.00682	0.0373	1	12/22/2020 14:37	WG1595455
Benzo(a)pyrene	U		0.00693	0.0373	1	12/22/2020 14:37	WG1595455
Bis(2-chlorethoxy)methane	U		0.0112	0.373	1	12/22/2020 14:37	WG1595455
Bis(2-chloroethyl)ether	U		0.0123	0.373	1	12/22/2020 14:37	WG1595455
2,2-Oxybis(1-Chloropropane)	U		0.0161	0.373	1	12/22/2020 14:37	WG1595455
4-Bromophenyl-phenylether	U		0.0131	0.373	1	12/22/2020 14:37	WG1595455
2-Chloronaphthalene	U		0.00655	0.0373	1	12/22/2020 14:37	WG1595455
4-Chlorophenyl-phenylether	U		0.0130	0.373	1	12/22/2020 14:37	WG1595455
Chrysene	U		0.00741	0.0373	1	12/22/2020 14:37	WG1595455
Dibenz(a,h)anthracene	U		0.0103	0.0373	1	12/22/2020 14:37	WG1595455
3,3-Dichlorobenzidine	U		0.0138	0.373	1	12/22/2020 14:37	WG1595455
2,4-Dinitrotoluene	U		0.0107	0.373	1	12/22/2020 14:37	WG1595455
2,6-Dinitrotoluene	U		0.0122	0.373	1	12/22/2020 14:37	WG1595455
Fluoranthene	U		0.00673	0.0373	1	12/22/2020 14:37	WG1595455
Fluorene	U		0.00607	0.0373	1	12/22/2020 14:37	WG1595455
Hexachlorobenzene	U		0.0132	0.373	1	12/22/2020 14:37	WG1595455
Hexachloro-1,3-butadiene	U		0.0125	0.373	1	12/22/2020 14:37	WG1595455
Hexachlorocyclopentadiene	U		0.0196	0.373	1	12/22/2020 14:37	WG1595455
Hexachloroethane	U		0.0147	0.373	1	12/22/2020 14:37	WG1595455
Indeno(1,2,3-cd)pyrene	U		0.0105	0.0373	1	12/22/2020 14:37	WG1595455
Isophorone	U		0.0114	0.373	1	12/22/2020 14:37	WG1595455
Naphthalene	U		0.00936	0.0373	1	12/22/2020 14:37	WG1595455

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0130	0.373	1	12/22/2020 14:37	WG1595455
n-Nitrosodimethylamine	U		0.0553	0.373	1	12/22/2020 14:37	WG1595455
n-Nitrosodiphenylamine	U		0.0282	0.373	1	12/22/2020 14:37	WG1595455
n-Nitrosodi-n-propylamine	U		0.0124	0.373	1	12/22/2020 14:37	WG1595455
Phenanthrene	U		0.00740	0.0373	1	12/22/2020 14:37	WG1595455
Pyridine	U		0.0246	0.373	1	12/22/2020 14:37	WG1595455
Benzylbutyl phthalate	U		0.0116	0.373	1	12/22/2020 14:37	WG1595455
Bis(2-ethylhexyl)phthalate	U		0.0473	0.373	1	12/22/2020 14:37	WG1595455
Di-n-butyl phthalate	U		0.0128	0.373	1	12/22/2020 14:37	WG1595455
Diethyl phthalate	U		0.0123	0.373	1	12/22/2020 14:37	WG1595455
Dimethyl phthalate	U		0.0791	0.373	1	12/22/2020 14:37	WG1595455
Di-n-octyl phthalate	U		0.0252	0.373	1	12/22/2020 14:37	WG1595455
Pyrene	U		0.00726	0.0373	1	12/22/2020 14:37	WG1595455
1,2,4-Trichlorobenzene	U		0.0116	0.373	1	12/22/2020 14:37	WG1595455
4-Chloro-3-methylphenol	U		0.0121	0.373	1	12/22/2020 14:37	WG1595455
2-Chlorophenol	U		0.0123	0.373	1	12/22/2020 14:37	WG1595455
2,4-Dichlorophenol	U		0.0109	0.373	1	12/22/2020 14:37	WG1595455
2,4-Dimethylphenol	U		0.00974	0.373	1	12/22/2020 14:37	WG1595455
4,6-Dinitro-2-methylphenol	U		0.0845	0.373	1	12/22/2020 14:37	WG1595455
2,4-Dinitrophenol	U		0.0872	0.373	1	12/22/2020 14:37	WG1595455
2-Methylphenol	U		0.0112	0.373	1	12/22/2020 14:37	WG1595455
3&4-Methyl Phenol	U		0.0116	0.373	1	12/22/2020 14:37	WG1595455
2-Nitrophenol	U		0.0133	0.373	1	12/22/2020 14:37	WG1595455
4-Nitrophenol	U		0.0116	0.373	1	12/22/2020 14:37	WG1595455
Pentachlorophenol	U		0.0100	0.373	1	12/22/2020 14:37	WG1595455
Phenol	U		0.0150	0.373	1	12/22/2020 14:37	WG1595455
2,4,6-Trichlorophenol	U		0.0120	0.373	1	12/22/2020 14:37	WG1595455
2,4,5-Trichlorophenol	U		0.0127	0.373	1	12/22/2020 14:37	WG1595455
(S) 2-Fluorophenol	*63.5*			*12.0-120*		*12/22/2020 14:37*	WG1595455
(S) Phenol-d5	*59.5*			*10.0-120*		*12/22/2020 14:37*	WG1595455
(S) Nitrobenzene-d5	*57.2*			*10.0-122*		*12/22/2020 14:37*	WG1595455
(S) 2-Fluorobiphenyl	*52.3*			*15.0-120*		*12/22/2020 14:37*	WG1595455
(S) 2,4,6-Tribromophenol	*70.9*			*10.0-127*		*12/22/2020 14:37*	WG1595455
(S) p-Terphenyl-d14	*56.6*			*10.0-120*		*12/22/2020 14:37*	WG1595455

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	69.1		1	12/19/2020 10:00	WG1594416

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0457	J	0.0260	0.0579	1	12/23/2020 14:44	WG1595814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.787	2.89	1	12/21/2020 12:14	WG1594442
Arsenic	8.39		0.749	2.89	1	12/21/2020 12:14	WG1594442
Barium	100		0.123	0.723	1	12/21/2020 12:14	WG1594442
Beryllium	0.628		0.0456	0.289	1	12/21/2020 12:14	WG1594442
Cadmium	0.210	J	0.0681	0.723	1	12/21/2020 12:14	WG1594442
Chromium	58.7		0.192	1.45	1	12/21/2020 12:14	WG1594442
Cobalt	11.7		0.117	1.45	1	12/21/2020 12:14	WG1594442
Copper	18.5		0.579	2.89	1	12/21/2020 12:14	WG1594442
Lead	5.45		0.301	0.723	1	12/21/2020 12:14	WG1594442
Molybdenum	0.773		0.158	0.723	1	12/21/2020 12:14	WG1594442
Nickel	49.2		0.191	2.89	1	12/21/2020 12:14	WG1594442
Selenium	U		1.11	2.89	1	12/21/2020 12:14	WG1594442
Silver	U		0.184	1.45	1	12/21/2020 12:14	WG1594442
Thallium	U		0.570	2.89	1	12/21/2020 12:14	WG1594442
Vanadium	63.2		0.732	2.89	1	12/21/2020 12:14	WG1594442
Zinc	59.5		1.20	7.23	1	12/21/2020 12:14	WG1594442

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	1.56	J	1.06	5.79	1	12/22/2020 18:50	WG1595950
C22-C32 Hydrocarbons	2.55	J	1.92	5.79	1	12/22/2020 18:50	WG1595950
C32-C40 Hydrocarbons	4.30	J	1.92	5.79	1	12/22/2020 18:50	WG1595950
(S) o-Terphenyl	*70.1*			*18.0-148*		*12/22/2020 18:50*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.0102	0.101	1	12/24/2020 00:06	WG1594825
Dalapon	U		0.0163	0.101	1	12/24/2020 00:06	WG1594825
2,4-DB	U		0.0430	0.101	1	12/24/2020 00:06	WG1594825
Dicamba	U		0.0227	0.101	1	12/24/2020 00:06	WG1594825
Dichloroprop	U		0.0354	0.101	1	12/24/2020 00:06	WG1594825
Dinoseb	U		0.0101	0.101	1	12/24/2020 00:06	WG1594825
MCPA	U	J4	0.641	9.40	1	12/24/2020 00:06	WG1594825
MCPP	U	J4	0.531	9.40	1	12/24/2020 00:06	WG1594825
2,4,5-T	U		0.0123	0.101	1	12/24/2020 00:06	WG1594825
2,4,5-TP (Silvex)	U		0.0155	0.101	1	12/24/2020 00:06	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*55.1*			*22.0-132*		*12/24/2020 00:06*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0460	0.145	1	12/22/2020 19:46	WG1594289
Bolstar (Sulprofos)	U		0.0216	0.145	1	12/22/2020 19:46	WG1594289
Chlorpyrifos	U		0.0227	0.145	1	12/22/2020 19:46	WG1594289
Coumaphos	U		0.0352	0.145	1	12/22/2020 19:46	WG1594289
Demeton,-O and -S	U		0.00845	0.101	1	12/22/2020 19:46	WG1594289
Diazinon	U		0.0325	0.145	1	12/22/2020 19:46	WG1594289
Dichlorvos	U		0.0434	0.145	1	12/22/2020 19:46	WG1594289
Dimethoate	U		0.0483	0.145	1	12/22/2020 19:46	WG1594289
Disulfoton	U		0.0367	0.145	1	12/22/2020 19:46	WG1594289
EPN	U		0.0399	0.145	1	12/22/2020 19:46	WG1594289
Ethoprop	U		0.0171	0.145	1	12/22/2020 19:46	WG1594289
Ethyl Parathion	U		0.0237	0.145	1	12/22/2020 19:46	WG1594289
Fensulfothion	U		0.0511	0.145	1	12/22/2020 19:46	WG1594289
Fenthion	U		0.0192	0.145	1	12/22/2020 19:46	WG1594289
Malathion	U		0.0259	0.145	1	12/22/2020 19:46	WG1594289
Merphos	U		0.0336	0.145	1	12/22/2020 19:46	WG1594289
Methyl parathion	U		0.0294	0.145	1	12/22/2020 19:46	WG1594289
Mevinphos	U		0.0333	0.145	1	12/22/2020 19:46	WG1594289
Naled	U		0.0694	0.145	1	12/22/2020 19:46	WG1594289
Phorate	U		0.0304	0.145	1	12/22/2020 19:46	WG1594289
Ronnel	U		0.0216	0.145	1	12/22/2020 19:46	WG1594289
Stirophos	U		0.0257	0.145	1	12/22/2020 19:46	WG1594289
Sulfotep	U		0.0143	0.145	1	12/22/2020 19:46	WG1594289
TEPP	U	J4	0.227	1.45	1	12/22/2020 19:46	WG1594289
Tokuthion (Prothothiofos)	U		0.0217	0.145	1	12/22/2020 19:46	WG1594289
Trichloronate	U		0.0291	0.145	1	12/22/2020 19:46	WG1594289
(S) Triphenyl Phosphate	*71.4*			*36.0-121*		*12/22/2020 19:46*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00544	0.0289	1	12/24/2020 15:19	WG1597068
Alpha BHC	U		0.00532	0.0289	1	12/24/2020 15:19	WG1597068
Beta BHC	U		0.00548	0.0289	1	12/24/2020 15:19	WG1597068
Delta BHC	U		0.00501	0.0289	1	12/24/2020 15:19	WG1597068
Gamma BHC	U		0.00498	0.0289	1	12/24/2020 15:19	WG1597068
4,4-DDD	U		0.00535	0.0289	1	12/24/2020 15:19	WG1597068
4,4-DDE	U		0.00529	0.0289	1	12/24/2020 15:19	WG1597068
4,4-DDT	U		0.00907	0.0289	1	12/24/2020 15:19	WG1597068
Dieldrin	U		0.00498	0.0289	1	12/24/2020 15:19	WG1597068
Endosulfan I	U		0.00525	0.0289	1	12/24/2020 15:19	WG1597068
Endosulfan II	U		0.00485	0.0289	1	12/24/2020 15:19	WG1597068
Endosulfan sulfate	U		0.00527	0.0289	1	12/24/2020 15:19	WG1597068
Endrin	U		0.00506	0.0289	1	12/24/2020 15:19	WG1597068
Endrin aldehyde	U		0.00490	0.0289	1	12/24/2020 15:19	WG1597068
Endrin ketone	U		0.0103	0.0289	1	12/24/2020 15:19	WG1597068
Heptachlor	U		0.00619	0.0289	1	12/24/2020 15:19	WG1597068
Heptachlor epoxide	U		0.00490	0.0289	1	12/24/2020 15:19	WG1597068
Hexachlorobenzene	U		0.00501	0.0289	1	12/24/2020 15:19	WG1597068
Methoxychlor	U		0.00700	0.0289	1	12/24/2020 15:19	WG1597068
Chlordane	U		0.149	0.434	1	12/24/2020 15:19	WG1597068
Toxaphene	U		0.179	0.579	1	12/24/2020 15:19	WG1597068
(S) Decachlorobiphenyl	*101*			*10.0-135*		*12/24/2020 15:19*	WG1597068
(S) Tetrachloro-m-xylene	*91.3*			*10.0-139*		*12/24/2020 15:19*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.2		1	12/19/2020 10:00	WG1594416

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.31	3.96	25	12/28/2020 19:29	WG1597867
(S) a,a,a-Trifluorotoluene(FID)	*96.6*			*77.0-120*		*12/28/2020 19:29*	WG1597867

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0577	0.0791	1	12/20/2020 16:18	WG1595022
Acrylonitrile	U		0.00571	0.0198	1	12/20/2020 16:18	WG1595022
Benzene	U		0.000739	0.00158	1	12/20/2020 16:18	WG1595022
Bromobenzene	U		0.00142	0.0198	1	12/20/2020 16:18	WG1595022
Bromodichloromethane	U		0.00115	0.00396	1	12/20/2020 16:18	WG1595022
Bromoform	U		0.00185	0.0396	1	12/20/2020 16:18	WG1595022
Bromomethane	U		0.00312	0.0198	1	12/20/2020 16:18	WG1595022
n-Butylbenzene	U		0.00831	0.0198	1	12/20/2020 16:18	WG1595022
sec-Butylbenzene	U		0.00456	0.0198	1	12/20/2020 16:18	WG1595022
tert-Butylbenzene	U		0.00308	0.00791	1	12/20/2020 16:18	WG1595022
Carbon tetrachloride	U		0.00142	0.00791	1	12/20/2020 16:18	WG1595022
Chlorobenzene	U		0.000332	0.00396	1	12/20/2020 16:18	WG1595022
Chlorodibromomethane	U		0.000968	0.00396	1	12/20/2020 16:18	WG1595022
Chloroethane	U		0.00269	0.00791	1	12/20/2020 16:18	WG1595022
Chloroform	U		0.00163	0.00396	1	12/20/2020 16:18	WG1595022
Chloromethane	U		0.00688	0.0198	1	12/20/2020 16:18	WG1595022
2-Chlorotoluene	U		0.00137	0.00396	1	12/20/2020 16:18	WG1595022
4-Chlorotoluene	U		0.000712	0.00791	1	12/20/2020 16:18	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00617	0.0396	1	12/20/2020 16:18	WG1595022
1,2-Dibromoethane	U		0.00103	0.00396	1	12/20/2020 16:18	WG1595022
Dibromomethane	U		0.00119	0.00791	1	12/20/2020 16:18	WG1595022
1,2-Dichlorobenzene	U		0.000672	0.00791	1	12/20/2020 16:18	WG1595022
1,3-Dichlorobenzene	U		0.000949	0.00791	1	12/20/2020 16:18	WG1595022
1,4-Dichlorobenzene	U		0.00111	0.00791	1	12/20/2020 16:18	WG1595022
Dichlorodifluoromethane	U		0.00255	0.00396	1	12/20/2020 16:18	WG1595022
1,1-Dichloroethane	U		0.000777	0.00396	1	12/20/2020 16:18	WG1595022
1,2-Dichloroethane	U		0.00103	0.00396	1	12/20/2020 16:18	WG1595022
1,1-Dichloroethene	U		0.000959	0.00396	1	12/20/2020 16:18	WG1595022
cis-1,2-Dichloroethene	U		0.00116	0.00396	1	12/20/2020 16:18	WG1595022
trans-1,2-Dichloroethene	U		0.00165	0.00791	1	12/20/2020 16:18	WG1595022
1,2-Dichloropropane	U		0.00225	0.00791	1	12/20/2020 16:18	WG1595022
1,1-Dichloropropene	U		0.00128	0.00396	1	12/20/2020 16:18	WG1595022
1,3-Dichloropropane	U		0.000793	0.00791	1	12/20/2020 16:18	WG1595022
cis-1,3-Dichloropropene	U		0.00120	0.00396	1	12/20/2020 16:18	WG1595022
trans-1,3-Dichloropropene	U		0.00180	0.00791	1	12/20/2020 16:18	WG1595022
2,2-Dichloropropane	U		0.00218	0.00396	1	12/20/2020 16:18	WG1595022
Di-isopropyl ether	U		0.000649	0.00158	1	12/20/2020 16:18	WG1595022
Ethylbenzene	U		0.00117	0.00396	1	12/20/2020 16:18	WG1595022
Hexachloro-1,3-butadiene	U		0.00949	0.0396	1	12/20/2020 16:18	WG1595022
Isopropylbenzene	U		0.000672	0.00396	1	12/20/2020 16:18	WG1595022
p-Isopropyltoluene	U		0.00403	0.00791	1	12/20/2020 16:18	WG1595022
2-Butanone (MEK)	U		0.100	0.158	1	12/20/2020 16:18	WG1595022
Methylene Chloride	U		0.0105	0.0396	1	12/20/2020 16:18	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00361	0.0396	1	12/20/2020 16:18	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000554	0.00158	1	12/20/2020 16:18	WG1595022
Naphthalene	U		0.00772	0.0198	1	12/20/2020 16:18	WG1595022
n-Propylbenzene	U		0.00150	0.00791	1	12/20/2020 16:18	WG1595022
Styrene	U		0.000362	0.0198	1	12/20/2020 16:18	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00150	0.00396	1	12/20/2020 16:18	WG1595022
1,1,2,2-Tetrachloroethane	U		0.00110	0.00396	1	12/20/2020 16:18	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00119	0.00396	1	12/20/2020 16:18	WG1595022
Tetrachloroethene	U		0.00142	0.00396	1	12/20/2020 16:18	WG1595022
Toluene	U		0.00206	0.00791	1	12/20/2020 16:18	WG1595022
1,2,3-Trichlorobenzene	U		0.0116	0.0198	1	12/20/2020 16:18	WG1595022
1,2,4-Trichlorobenzene	U		0.00696	0.0198	1	12/20/2020 16:18	WG1595022
1,1,1-Trichloroethane	U		0.00146	0.00396	1	12/20/2020 16:18	WG1595022
1,1,2-Trichloroethane	U		0.000944	0.00396	1	12/20/2020 16:18	WG1595022
Trichloroethene	U		0.000924	0.00158	1	12/20/2020 16:18	WG1595022
Trichlorofluoromethane	U		0.00131	0.00396	1	12/20/2020 16:18	WG1595022
1,2,3-Trichloropropane	U		0.00256	0.0198	1	12/20/2020 16:18	WG1595022
1,2,4-Trimethylbenzene	U		0.00250	0.00791	1	12/20/2020 16:18	WG1595022
1,2,3-Trimethylbenzene	U		0.00250	0.00791	1	12/20/2020 16:18	WG1595022
1,3,5-Trimethylbenzene	U		0.00316	0.00791	1	12/20/2020 16:18	WG1595022
Vinyl chloride	U		0.00184	0.00396	1	12/20/2020 16:18	WG1595022
Xylenes, Total	U		0.00139	0.0103	1	12/20/2020 16:18	WG1595022
(S) Toluene-d8	*106*			*75.0-131*		*12/20/2020 16:18*	WG1595022
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*12/20/2020 16:18*	WG1595022
(S) 1,2-Dichloroethane-d4	*86.3*			*70.0-130*		*12/20/2020 16:18*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00618	0.0382	1	12/24/2020 17:37	WG1596446
Acenaphthylene	U		0.00538	0.0382	1	12/24/2020 17:37	WG1596446
Anthracene	U		0.00680	0.0382	1	12/24/2020 17:37	WG1596446
Benzo(a)anthracene	U		0.00673	0.0382	1	12/24/2020 17:37	WG1596446
Benzo(b)fluoranthene	U		0.00712	0.0382	1	12/24/2020 17:37	WG1596446
Benzo(k)fluoranthene	U		0.00679	0.0382	1	12/24/2020 17:37	WG1596446
Benzo(g,h,i)perylene	U		0.00698	0.0382	1	12/24/2020 17:37	WG1596446
Benzo(a)pyrene	U		0.00710	0.0382	1	12/24/2020 17:37	WG1596446
Bis(2-chlorethoxy)methane	U		0.0115	0.382	1	12/24/2020 17:37	WG1596446
Bis(2-chloroethyl)ether	U		0.0126	0.382	1	12/24/2020 17:37	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0165	0.382	1	12/24/2020 17:37	WG1596446
4-Bromophenyl-phenylether	U		0.0134	0.382	1	12/24/2020 17:37	WG1596446
2-Chloronaphthalene	U		0.00671	0.0382	1	12/24/2020 17:37	WG1596446
4-Chlorophenyl-phenylether	U		0.0133	0.382	1	12/24/2020 17:37	WG1596446
Chrysene	U		0.00759	0.0382	1	12/24/2020 17:37	WG1596446
Dibenz(a,h)anthracene	U		0.0106	0.0382	1	12/24/2020 17:37	WG1596446
3,3-Dichlorobenzidine	U		0.0141	0.382	1	12/24/2020 17:37	WG1596446
2,4-Dinitrotoluene	U		0.0109	0.382	1	12/24/2020 17:37	WG1596446
2,6-Dinitrotoluene	U		0.0125	0.382	1	12/24/2020 17:37	WG1596446
Fluoranthene	U		0.00689	0.0382	1	12/24/2020 17:37	WG1596446
Fluorene	U		0.00621	0.0382	1	12/24/2020 17:37	WG1596446
Hexachlorobenzene	U		0.0135	0.382	1	12/24/2020 17:37	WG1596446
Hexachloro-1,3-butadiene	U		0.0128	0.382	1	12/24/2020 17:37	WG1596446
Hexachlorocyclopentadiene	U		0.0201	0.382	1	12/24/2020 17:37	WG1596446
Hexachloroethane	U		0.0150	0.382	1	12/24/2020 17:37	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0108	0.0382	1	12/24/2020 17:37	WG1596446
Isophorone	U		0.0117	0.382	1	12/24/2020 17:37	WG1596446
Naphthalene	U		0.00958	0.0382	1	12/24/2020 17:37	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0133	0.382	1	12/24/2020 17:37	WG1596446
n-Nitrosodimethylamine	U		0.0566	0.382	1	12/24/2020 17:37	WG1596446
n-Nitrosodiphenylamine	U		0.0289	0.382	1	12/24/2020 17:37	WG1596446
n-Nitrosodi-n-propylamine	U		0.0127	0.382	1	12/24/2020 17:37	WG1596446
Phenanthrene	U		0.00758	0.0382	1	12/24/2020 17:37	WG1596446
Pyridine	U		0.0252	0.382	1	12/24/2020 17:37	WG1596446
Benzylbutyl phthalate	U		0.0119	0.382	1	12/24/2020 17:37	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0484	0.382	1	12/24/2020 17:37	WG1596446
Di-n-butyl phthalate	U		0.0131	0.382	1	12/24/2020 17:37	WG1596446
Diethyl phthalate	U		0.0126	0.382	1	12/24/2020 17:37	WG1596446
Dimethyl phthalate	U		0.0809	0.382	1	12/24/2020 17:37	WG1596446
Di-n-octyl phthalate	U		0.0258	0.382	1	12/24/2020 17:37	WG1596446
Pyrene	U		0.00743	0.0382	1	12/24/2020 17:37	WG1596446
1,2,4-Trichlorobenzene	U		0.0119	0.382	1	12/24/2020 17:37	WG1596446
4-Chloro-3-methylphenol	U		0.0124	0.382	1	12/24/2020 17:37	WG1596446
2-Chlorophenol	U		0.0126	0.382	1	12/24/2020 17:37	WG1596446
2,4-Dichlorophenol	U		0.0111	0.382	1	12/24/2020 17:37	WG1596446
2,4-Dimethylphenol	U		0.00997	0.382	1	12/24/2020 17:37	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0866	0.382	1	12/24/2020 17:37	WG1596446
2,4-Dinitrophenol	U		0.0893	0.382	1	12/24/2020 17:37	WG1596446
2-Methylphenol	U		0.0115	0.382	1	12/24/2020 17:37	WG1596446
3&4-Methyl Phenol	U		0.0119	0.382	1	12/24/2020 17:37	WG1596446
2-Nitrophenol	U		0.0136	0.382	1	12/24/2020 17:37	WG1596446
4-Nitrophenol	U		0.0119	0.382	1	12/24/2020 17:37	WG1596446
Pentachlorophenol	U		0.0103	0.382	1	12/24/2020 17:37	WG1596446
Phenol	U		0.0154	0.382	1	12/24/2020 17:37	WG1596446
2,4,6-Trichlorophenol	U		0.0123	0.382	1	12/24/2020 17:37	WG1596446
2,4,5-Trichlorophenol	U		0.0130	0.382	1	12/24/2020 17:37	WG1596446
(S) 2-Fluorophenol	*75.9*			*12.0-120*		*12/24/2020 17:37*	WG1596446
(S) Phenol-d5	*68.7*			*10.0-120*		*12/24/2020 17:37*	WG1596446
(S) Nitrobenzene-d5	*63.5*			*10.0-122*		*12/24/2020 17:37*	WG1596446
(S) 2-Fluorobiphenyl	*70.8*			*15.0-120*		*12/24/2020 17:37*	WG1596446
(S) 2,4,6-Tribromophenol	*89.5*			*10.0-127*		*12/24/2020 17:37*	WG1596446
(S) p-Terphenyl-d14	*72.7*			*10.0-120*		*12/24/2020 17:37*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.7		1	12/19/2020 10:00	WG1594416

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0288	J	0.0208	0.0462	1	12/23/2020 14:46	WG1595814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.628	2.31	1	12/21/2020 06:11	WG1594450
Arsenic	6.20		0.598	2.31	1	12/21/2020 06:11	WG1594450
Barium	89.9		0.0983	0.577	1	12/21/2020 06:11	WG1594450
Beryllium	0.358		0.0363	0.231	1	12/21/2020 06:11	WG1594450
Cadmium	0.534	J	0.0543	0.577	1	12/21/2020 06:11	WG1594450
Chromium	34.1		0.153	1.15	1	12/21/2020 06:11	WG1594450
Cobalt	4.69		0.0936	1.15	1	12/21/2020 06:11	WG1594450
Copper	13.4		0.462	2.31	1	12/21/2020 06:11	WG1594450
Lead	3.65		0.240	0.577	1	12/21/2020 06:11	WG1594450
Molybdenum	2.23		0.126	0.577	1	12/21/2020 06:11	WG1594450
Nickel	17.8		0.152	2.31	1	12/21/2020 06:11	WG1594450
Selenium	U		0.881	2.31	1	12/21/2020 06:11	WG1594450
Silver	U		0.147	1.15	1	12/21/2020 06:11	WG1594450
Thallium	U		0.455	2.31	1	12/21/2020 06:11	WG1594450
Vanadium	39.6		0.584	2.31	1	12/21/2020 06:11	WG1594450
Zinc	44.4		0.960	5.77	1	12/21/2020 06:11	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	11.9	J	8.46	46.2	10	12/23/2020 12:50	WG1595950
C22-C32 Hydrocarbons	135		15.3	46.2	10	12/23/2020 12:50	WG1595950
C32-C40 Hydrocarbons	122		15.3	46.2	10	12/23/2020 12:50	WG1595950
(S) o-Terphenyl	*85.9*			*18.0-148*		*12/23/2020 12:50*	WG1595950

Sample Narrative:

L1298078-45 WG1595950: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00810	0.0808	1	12/24/2020 00:21	WG1594825
Dalapon	U		0.0130	0.0808	1	12/24/2020 00:21	WG1594825
2,4-DB	U		0.0343	0.0808	1	12/24/2020 00:21	WG1594825
Dicamba	U		0.0181	0.0808	1	12/24/2020 00:21	WG1594825
Dichloroprop	U		0.0283	0.0808	1	12/24/2020 00:21	WG1594825
Dinoseb	U		0.00804	0.0808	1	12/24/2020 00:21	WG1594825
MCPA	U	J4	0.511	7.50	1	12/24/2020 00:21	WG1594825
MCPP	U	J4	0.423	7.50	1	12/24/2020 00:21	WG1594825
2,4,5-T	U		0.00983	0.0808	1	12/24/2020 00:21	WG1594825
2,4,5-TP (Silvex)	U		0.0123	0.0808	1	12/24/2020 00:21	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*48.8*			*22.0-132*		*12/24/2020 00:21*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0367	0.115	1	12/22/2020 20:20	WG1594289
Bolstar (Sulprofos)	U		0.0172	0.115	1	12/22/2020 20:20	WG1594289
Chlorpyrifos	U		0.0181	0.115	1	12/22/2020 20:20	WG1594289
Coumaphos	U		0.0280	0.115	1	12/22/2020 20:20	WG1594289
Demeton,-O and -S	U		0.00674	0.0808	1	12/22/2020 20:20	WG1594289
Diazinon	U		0.0260	0.115	1	12/22/2020 20:20	WG1594289
Dichlorvos	U		0.0346	0.115	1	12/22/2020 20:20	WG1594289
Dimethoate	U		0.0385	0.115	1	12/22/2020 20:20	WG1594289
Disulfoton	U		0.0293	0.115	1	12/22/2020 20:20	WG1594289
EPN	U		0.0318	0.115	1	12/22/2020 20:20	WG1594289
Ethoprop	U		0.0136	0.115	1	12/22/2020 20:20	WG1594289
Ethyl Parathion	U		0.0189	0.115	1	12/22/2020 20:20	WG1594289
Fensulfothion	U		0.0407	0.115	1	12/22/2020 20:20	WG1594289
Fenthion	U		0.0153	0.115	1	12/22/2020 20:20	WG1594289
Malathion	U		0.0207	0.115	1	12/22/2020 20:20	WG1594289
Merphos	U		0.0268	0.115	1	12/22/2020 20:20	WG1594289
Methyl parathion	U		0.0234	0.115	1	12/22/2020 20:20	WG1594289
Mevinphos	U		0.0265	0.115	1	12/22/2020 20:20	WG1594289
Naled	U		0.0554	0.115	1	12/22/2020 20:20	WG1594289
Phorate	U		0.0242	0.115	1	12/22/2020 20:20	WG1594289
Ronnel	U		0.0172	0.115	1	12/22/2020 20:20	WG1594289
Stirophos	U		0.0205	0.115	1	12/22/2020 20:20	WG1594289
Sulfotep	U		0.0114	0.115	1	12/22/2020 20:20	WG1594289
TEPP	U	J4	0.181	1.15	1	12/22/2020 20:20	WG1594289
Tokuthion (Prothothiofos)	U		0.0173	0.115	1	12/22/2020 20:20	WG1594289
Trichloronate	U		0.0232	0.115	1	12/22/2020 20:20	WG1594289
(S) Triphenyl Phosphate	*80.3*			*36.0-121*		*12/22/2020 20:20*	WG1594289

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.1		1	12/19/2020 10:00	WG1594416

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.32	3.99	25	12/28/2020 19:52	WG1597867
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*12/28/2020 19:52*	WG1597867

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0582	0.0797	1	12/20/2020 16:37	WG1595022
Acrylonitrile	U		0.00576	0.0199	1	12/20/2020 16:37	WG1595022
Benzene	U		0.000745	0.00159	1	12/20/2020 16:37	WG1595022
Bromobenzene	U		0.00143	0.0199	1	12/20/2020 16:37	WG1595022
Bromodichloromethane	U		0.00116	0.00399	1	12/20/2020 16:37	WG1595022
Bromoform	U		0.00187	0.0399	1	12/20/2020 16:37	WG1595022
Bromomethane	U		0.00314	0.0199	1	12/20/2020 16:37	WG1595022
n-Butylbenzene	U		0.00837	0.0199	1	12/20/2020 16:37	WG1595022
sec-Butylbenzene	U		0.00459	0.0199	1	12/20/2020 16:37	WG1595022
tert-Butylbenzene	U		0.00311	0.00797	1	12/20/2020 16:37	WG1595022
Carbon tetrachloride	U		0.00143	0.00797	1	12/20/2020 16:37	WG1595022
Chlorobenzene	U		0.000335	0.00399	1	12/20/2020 16:37	WG1595022
Chlorodibromomethane	U		0.000976	0.00399	1	12/20/2020 16:37	WG1595022
Chloroethane	U		0.00271	0.00797	1	12/20/2020 16:37	WG1595022
Chloroform	U		0.00164	0.00399	1	12/20/2020 16:37	WG1595022
Chloromethane	U		0.00694	0.0199	1	12/20/2020 16:37	WG1595022
2-Chlorotoluene	U		0.00138	0.00399	1	12/20/2020 16:37	WG1595022
4-Chlorotoluene	U		0.000717	0.00797	1	12/20/2020 16:37	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00622	0.0399	1	12/20/2020 16:37	WG1595022
1,2-Dibromoethane	U		0.00103	0.00399	1	12/20/2020 16:37	WG1595022
Dibromomethane	U		0.00120	0.00797	1	12/20/2020 16:37	WG1595022
1,2-Dichlorobenzene	U		0.000678	0.00797	1	12/20/2020 16:37	WG1595022
1,3-Dichlorobenzene	U		0.000957	0.00797	1	12/20/2020 16:37	WG1595022
1,4-Dichlorobenzene	U		0.00112	0.00797	1	12/20/2020 16:37	WG1595022
Dichlorodifluoromethane	U		0.00257	0.00399	1	12/20/2020 16:37	WG1595022
1,1-Dichloroethane	U		0.000783	0.00399	1	12/20/2020 16:37	WG1595022
1,2-Dichloroethane	U		0.00103	0.00399	1	12/20/2020 16:37	WG1595022
1,1-Dichloroethene	U		0.000966	0.00399	1	12/20/2020 16:37	WG1595022
cis-1,2-Dichloroethene	U		0.00117	0.00399	1	12/20/2020 16:37	WG1595022
trans-1,2-Dichloroethene	U		0.00166	0.00797	1	12/20/2020 16:37	WG1595022
1,2-Dichloropropane	U		0.00226	0.00797	1	12/20/2020 16:37	WG1595022
1,1-Dichloropropene	U		0.00129	0.00399	1	12/20/2020 16:37	WG1595022
1,3-Dichloropropane	U		0.000799	0.00797	1	12/20/2020 16:37	WG1595022
cis-1,3-Dichloropropene	U		0.00121	0.00399	1	12/20/2020 16:37	WG1595022
trans-1,3-Dichloropropene	U		0.00182	0.00797	1	12/20/2020 16:37	WG1595022
2,2-Dichloropropane	U		0.00220	0.00399	1	12/20/2020 16:37	WG1595022
Di-isopropyl ether	U		0.000654	0.00159	1	12/20/2020 16:37	WG1595022
Ethylbenzene	U		0.00117	0.00399	1	12/20/2020 16:37	WG1595022
Hexachloro-1,3-butadiene	U		0.00957	0.0399	1	12/20/2020 16:37	WG1595022
Isopropylbenzene	U		0.000678	0.00399	1	12/20/2020 16:37	WG1595022
p-Isopropyltoluene	U		0.00407	0.00797	1	12/20/2020 16:37	WG1595022
2-Butanone (MEK)	U		0.101	0.159	1	12/20/2020 16:37	WG1595022
Methylene Chloride	U		0.0106	0.0399	1	12/20/2020 16:37	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00363	0.0399	1	12/20/2020 16:37	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000558	0.00159	1	12/20/2020 16:37	WG1595022
Naphthalene	U		0.00778	0.0199	1	12/20/2020 16:37	WG1595022
n-Propylbenzene	U		0.00151	0.00797	1	12/20/2020 16:37	WG1595022
Styrene	U		0.000365	0.0199	1	12/20/2020 16:37	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00151	0.00399	1	12/20/2020 16:37	WG1595022
1,1,2,2-Tetrachloroethane	U		0.00111	0.00399	1	12/20/2020 16:37	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00120	0.00399	1	12/20/2020 16:37	WG1595022
Tetrachloroethene	U		0.00143	0.00399	1	12/20/2020 16:37	WG1595022
Toluene	U		0.00207	0.00797	1	12/20/2020 16:37	WG1595022
1,2,3-Trichlorobenzene	U		0.0117	0.0199	1	12/20/2020 16:37	WG1595022
1,2,4-Trichlorobenzene	U		0.00701	0.0199	1	12/20/2020 16:37	WG1595022
1,1,1-Trichloroethane	U		0.00147	0.00399	1	12/20/2020 16:37	WG1595022
1,1,2-Trichloroethane	U		0.000952	0.00399	1	12/20/2020 16:37	WG1595022
Trichloroethene	U		0.000931	0.00159	1	12/20/2020 16:37	WG1595022
Trichlorofluoromethane	U		0.00132	0.00399	1	12/20/2020 16:37	WG1595022
1,2,3-Trichloropropane	U		0.00258	0.0199	1	12/20/2020 16:37	WG1595022
1,2,4-Trimethylbenzene	U		0.00252	0.00797	1	12/20/2020 16:37	WG1595022
1,2,3-Trimethylbenzene	U		0.00252	0.00797	1	12/20/2020 16:37	WG1595022
1,3,5-Trimethylbenzene	U		0.00319	0.00797	1	12/20/2020 16:37	WG1595022
Vinyl chloride	U		0.00185	0.00399	1	12/20/2020 16:37	WG1595022
Xylenes, Total	U		0.00140	0.0104	1	12/20/2020 16:37	WG1595022
(S) Toluene-d8	*110*			*75.0-131*		*12/20/2020 16:37*	WG1595022
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*12/20/2020 16:37*	WG1595022
(S) 1,2-Dichloroethane-d4	*87.6*			*70.0-130*		*12/20/2020 16:37*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00699	0.0432	1	12/24/2020 19:40	WG1596446
Acenaphthylene	U		0.00608	0.0432	1	12/24/2020 19:40	WG1596446
Anthracene	U		0.00769	0.0432	1	12/24/2020 19:40	WG1596446
Benzo(a)anthracene	U		0.00761	0.0432	1	12/24/2020 19:40	WG1596446
Benzo(b)fluoranthene	0.0127	J	0.00805	0.0432	1	12/24/2020 19:40	WG1596446
Benzo(k)fluoranthene	U		0.00767	0.0432	1	12/24/2020 19:40	WG1596446
Benzo(g,h,i)perylene	0.0102	J	0.00790	0.0432	1	12/24/2020 19:40	WG1596446
Benzo(a)pyrene	0.00836	J	0.00802	0.0432	1	12/24/2020 19:40	WG1596446
Bis(2-chlorethoxy)methane	U		0.0130	0.432	1	12/24/2020 19:40	WG1596446
Bis(2-chloroethyl)ether	U		0.0143	0.432	1	12/24/2020 19:40	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0187	0.432	1	12/24/2020 19:40	WG1596446
4-Bromophenyl-phenylether	U		0.0152	0.432	1	12/24/2020 19:40	WG1596446
2-Chloronaphthalene	U		0.00758	0.0432	1	12/24/2020 19:40	WG1596446
4-Chlorophenyl-phenylether	U		0.0150	0.432	1	12/24/2020 19:40	WG1596446
Chrysene	U		0.00858	0.0432	1	12/24/2020 19:40	WG1596446
Dibenz(a,h)anthracene	U		0.0120	0.0432	1	12/24/2020 19:40	WG1596446
3,3-Dichlorobenzidine	U		0.0159	0.432	1	12/24/2020 19:40	WG1596446
2,4-Dinitrotoluene	U		0.0124	0.432	1	12/24/2020 19:40	WG1596446
2,6-Dinitrotoluene	U		0.0141	0.432	1	12/24/2020 19:40	WG1596446
Fluoranthene	0.00779	J	0.00779	0.0432	1	12/24/2020 19:40	WG1596446
Fluorene	U		0.00703	0.0432	1	12/24/2020 19:40	WG1596446
Hexachlorobenzene	U		0.0153	0.432	1	12/24/2020 19:40	WG1596446
Hexachloro-1,3-butadiene	U		0.0145	0.432	1	12/24/2020 19:40	WG1596446
Hexachlorocyclopentadiene	U		0.0227	0.432	1	12/24/2020 19:40	WG1596446
Hexachloroethane	U		0.0170	0.432	1	12/24/2020 19:40	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0122	0.0432	1	12/24/2020 19:40	WG1596446
Isophorone	U		0.0132	0.432	1	12/24/2020 19:40	WG1596446
Naphthalene	U		0.0108	0.0432	1	12/24/2020 19:40	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0150	0.432	1	12/24/2020 19:40	WG1596446
n-Nitrosodimethylamine	U		0.0640	0.432	1	12/24/2020 19:40	WG1596446
n-Nitrosodiphenylamine	U		0.0327	0.432	1	12/24/2020 19:40	WG1596446
n-Nitrosodi-n-propylamine	U		0.0144	0.432	1	12/24/2020 19:40	WG1596446
Phenanthrene	U		0.00857	0.0432	1	12/24/2020 19:40	WG1596446
Pyridine	U		0.0285	0.432	1	12/24/2020 19:40	WG1596446
Benzylbutyl phthalate	U		0.0135	0.432	1	12/24/2020 19:40	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0547	0.432	1	12/24/2020 19:40	WG1596446
Di-n-butyl phthalate	U		0.0148	0.432	1	12/24/2020 19:40	WG1596446
Diethyl phthalate	U		0.0143	0.432	1	12/24/2020 19:40	WG1596446
Dimethyl phthalate	U		0.0915	0.432	1	12/24/2020 19:40	WG1596446
Di-n-octyl phthalate	U		0.0292	0.432	1	12/24/2020 19:40	WG1596446
Pyrene	U		0.00840	0.0432	1	12/24/2020 19:40	WG1596446
1,2,4-Trichlorobenzene	U		0.0135	0.432	1	12/24/2020 19:40	WG1596446
4-Chloro-3-methylphenol	U		0.0140	0.432	1	12/24/2020 19:40	WG1596446
2-Chlorophenol	U		0.0143	0.432	1	12/24/2020 19:40	WG1596446
2,4-Dichlorophenol	U		0.0126	0.432	1	12/24/2020 19:40	WG1596446
2,4-Dimethylphenol	U		0.0113	0.432	1	12/24/2020 19:40	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0979	0.432	1	12/24/2020 19:40	WG1596446
2,4-Dinitrophenol	U		0.101	0.432	1	12/24/2020 19:40	WG1596446
2-Methylphenol	U		0.0130	0.432	1	12/24/2020 19:40	WG1596446
3&4-Methyl Phenol	U		0.0135	0.432	1	12/24/2020 19:40	WG1596446
2-Nitrophenol	U		0.0154	0.432	1	12/24/2020 19:40	WG1596446
4-Nitrophenol	U		0.0135	0.432	1	12/24/2020 19:40	WG1596446
Pentachlorophenol	U		0.0116	0.432	1	12/24/2020 19:40	WG1596446
Phenol	U		0.0174	0.432	1	12/24/2020 19:40	WG1596446
2,4,6-Trichlorophenol	U		0.0139	0.432	1	12/24/2020 19:40	WG1596446
2,4,5-Trichlorophenol	U		0.0146	0.432	1	12/24/2020 19:40	WG1596446
(S) 2-Fluorophenol	*67.2*			*12.0-120*		*12/24/2020 19:40*	WG1596446
(S) Phenol-d5	*62.7*			*10.0-120*		*12/24/2020 19:40*	WG1596446
(S) Nitrobenzene-d5	*51.7*			*10.0-122*		*12/24/2020 19:40*	WG1596446
(S) 2-Fluorobiphenyl	*70.8*			*15.0-120*		*12/24/2020 19:40*	WG1596446
(S) 2,4,6-Tribromophenol	*97.5*			*10.0-127*		*12/24/2020 19:40*	WG1596446
(S) p-Terphenyl-d14	*76.2*			*10.0-120*		*12/24/2020 19:40*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.5		1	12/19/2020 10:00	WG1594416

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0491		0.0203	0.0452	1	12/23/2020 14:49	WG1595814

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.615	2.26	1	12/21/2020 06:14	WG1594450
Arsenic	8.52		0.585	2.26	1	12/21/2020 06:14	WG1594450
Barium	134		0.0963	0.565	1	12/21/2020 06:14	WG1594450
Beryllium	0.567		0.0356	0.226	1	12/21/2020 06:14	WG1594450
Cadmium	0.507	J	0.0532	0.565	1	12/21/2020 06:14	WG1594450
Chromium	56.0		0.150	1.13	1	12/21/2020 06:14	WG1594450
Cobalt	9.52		0.0916	1.13	1	12/21/2020 06:14	WG1594450
Copper	27.3		0.452	2.26	1	12/21/2020 06:14	WG1594450
Lead	8.93		0.235	0.565	1	12/21/2020 06:14	WG1594450
Molybdenum	2.49		0.123	0.565	1	12/21/2020 06:14	WG1594450
Nickel	39.3		0.149	2.26	1	12/21/2020 06:14	WG1594450
Selenium	U		0.863	2.26	1	12/21/2020 06:14	WG1594450
Silver	U		0.143	1.13	1	12/21/2020 06:14	WG1594450
Thallium	U		0.445	2.26	1	12/21/2020 06:14	WG1594450
Vanadium	62.0		0.572	2.26	1	12/21/2020 06:14	WG1594450
Zinc	65.5		0.940	5.65	1	12/21/2020 06:14	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	13.6	J	8.28	45.2	10	12/23/2020 12:36	WG1595950
C22-C32 Hydrocarbons	116		15.0	45.2	10	12/23/2020 12:36	WG1595950
C32-C40 Hydrocarbons	86.2		15.0	45.2	10	12/23/2020 12:36	WG1595950
(S) o-Terphenyl	*87.1*			*18.0-148*		*12/23/2020 12:36*	WG1595950

Sample Narrative:

L1298078-47 WG1595950: Cannot run at lower dilution due to viscosity of extract

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00793	0.0791	1	12/24/2020 00:35	WG1594825
Dalapon	U		0.0128	0.0791	1	12/24/2020 00:35	WG1594825
2,4-DB	U		0.0336	0.0791	1	12/24/2020 00:35	WG1594825
Dicamba	U		0.0177	0.0791	1	12/24/2020 00:35	WG1594825
Dichloroprop	U		0.0277	0.0791	1	12/24/2020 00:35	WG1594825
Dinoseb	U		0.00787	0.0791	1	12/24/2020 00:35	WG1594825
MCPA	U	J4	0.500	7.34	1	12/24/2020 00:35	WG1594825
MCPP	U	J4	0.415	7.34	1	12/24/2020 00:35	WG1594825
2,4,5-T	U		0.00963	0.0791	1	12/24/2020 00:35	WG1594825
2,4,5-TP (Silvex)	U		0.0121	0.0791	1	12/24/2020 00:35	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*55.6*			*22.0-132*		*12/24/2020 00:35*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0359	0.113	1	12/22/2020 20:53	WG1594289
Bolstar (Sulprofos)	U		0.0168	0.113	1	12/22/2020 20:53	WG1594289
Chlorpyrifos	U		0.0177	0.113	1	12/22/2020 20:53	WG1594289
Coumaphos	U		0.0275	0.113	1	12/22/2020 20:53	WG1594289
Demeton,-O and -S	U		0.00660	0.0791	1	12/22/2020 20:53	WG1594289
Diazinon	U		0.0254	0.113	1	12/22/2020 20:53	WG1594289
Dichlorvos	U		0.0339	0.113	1	12/22/2020 20:53	WG1594289
Dimethoate	U		0.0377	0.113	1	12/22/2020 20:53	WG1594289
Disulfoton	U		0.0287	0.113	1	12/22/2020 20:53	WG1594289
EPN	U		0.0312	0.113	1	12/22/2020 20:53	WG1594289
Ethoprop	U		0.0133	0.113	1	12/22/2020 20:53	WG1594289
Ethyl Parathion	U		0.0185	0.113	1	12/22/2020 20:53	WG1594289
Fensulfothion	U		0.0399	0.113	1	12/22/2020 20:53	WG1594289
Fenthion	U		0.0150	0.113	1	12/22/2020 20:53	WG1594289
Malathion	U		0.0202	0.113	1	12/22/2020 20:53	WG1594289
Merphos	U		0.0262	0.113	1	12/22/2020 20:53	WG1594289
Methyl parathion	U		0.0229	0.113	1	12/22/2020 20:53	WG1594289
Mevinphos	U		0.0260	0.113	1	12/22/2020 20:53	WG1594289
Naled	U		0.0542	0.113	1	12/22/2020 20:53	WG1594289
Phorate	U		0.0237	0.113	1	12/22/2020 20:53	WG1594289
Ronnel	U		0.0168	0.113	1	12/22/2020 20:53	WG1594289
Stirophos	U		0.0201	0.113	1	12/22/2020 20:53	WG1594289
Sulfotep	U		0.0111	0.113	1	12/22/2020 20:53	WG1594289
TEPP	U	J4	0.177	1.13	1	12/22/2020 20:53	WG1594289
Tokuthion (Prothothiofos)	U		0.0169	0.113	1	12/22/2020 20:53	WG1594289
Trichloronate	U		0.0227	0.113	1	12/22/2020 20:53	WG1594289
(S) Triphenyl Phosphate	*78.1*			*36.0-121*		*12/22/2020 20:53*	WG1594289

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.0		1	12/19/2020 10:00	WG1594416

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.34	4.03	25	12/28/2020 20:15	WG1597867
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*77.0-120*		*12/28/2020 20:15*	WG1597867

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0588	0.0806	1	12/20/2020 16:56	WG1595022
Acrylonitrile	U		0.00582	0.0201	1	12/20/2020 16:56	WG1595022
Benzene	U		0.000753	0.00161	1	12/20/2020 16:56	WG1595022
Bromobenzene	U		0.00145	0.0201	1	12/20/2020 16:56	WG1595022
Bromodichloromethane	U		0.00117	0.00403	1	12/20/2020 16:56	WG1595022
Bromoform	U		0.00189	0.0403	1	12/20/2020 16:56	WG1595022
Bromomethane	U		0.00317	0.0201	1	12/20/2020 16:56	WG1595022
n-Butylbenzene	U		0.00846	0.0201	1	12/20/2020 16:56	WG1595022
sec-Butylbenzene	U		0.00464	0.0201	1	12/20/2020 16:56	WG1595022
tert-Butylbenzene	U		0.00314	0.00806	1	12/20/2020 16:56	WG1595022
Carbon tetrachloride	U		0.00145	0.00806	1	12/20/2020 16:56	WG1595022
Chlorobenzene	U		0.000338	0.00403	1	12/20/2020 16:56	WG1595022
Chlorodibromomethane	U		0.000986	0.00403	1	12/20/2020 16:56	WG1595022
Chloroethane	U		0.00274	0.00806	1	12/20/2020 16:56	WG1595022
Chloroform	U		0.00166	0.00403	1	12/20/2020 16:56	WG1595022
Chloromethane	U		0.00701	0.0201	1	12/20/2020 16:56	WG1595022
2-Chlorotoluene	U		0.00139	0.00403	1	12/20/2020 16:56	WG1595022
4-Chlorotoluene	U		0.000725	0.00806	1	12/20/2020 16:56	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00628	0.0403	1	12/20/2020 16:56	WG1595022
1,2-Dibromoethane	U		0.00104	0.00403	1	12/20/2020 16:56	WG1595022
Dibromomethane	U		0.00121	0.00806	1	12/20/2020 16:56	WG1595022
1,2-Dichlorobenzene	U		0.000685	0.00806	1	12/20/2020 16:56	WG1595022
1,3-Dichlorobenzene	U		0.000967	0.00806	1	12/20/2020 16:56	WG1595022
1,4-Dichlorobenzene	U		0.00113	0.00806	1	12/20/2020 16:56	WG1595022
Dichlorodifluoromethane	U		0.00259	0.00403	1	12/20/2020 16:56	WG1595022
1,1-Dichloroethane	U		0.000791	0.00403	1	12/20/2020 16:56	WG1595022
1,2-Dichloroethane	U		0.00105	0.00403	1	12/20/2020 16:56	WG1595022
1,1-Dichloroethene	U		0.000977	0.00403	1	12/20/2020 16:56	WG1595022
cis-1,2-Dichloroethene	U		0.00118	0.00403	1	12/20/2020 16:56	WG1595022
trans-1,2-Dichloroethene	U		0.00168	0.00806	1	12/20/2020 16:56	WG1595022
1,2-Dichloropropane	U		0.00229	0.00806	1	12/20/2020 16:56	WG1595022
1,1-Dichloropropene	U		0.00130	0.00403	1	12/20/2020 16:56	WG1595022
1,3-Dichloropropane	U		0.000807	0.00806	1	12/20/2020 16:56	WG1595022
cis-1,3-Dichloropropene	U		0.00122	0.00403	1	12/20/2020 16:56	WG1595022
trans-1,3-Dichloropropene	U		0.00184	0.00806	1	12/20/2020 16:56	WG1595022
2,2-Dichloropropane	U		0.00222	0.00403	1	12/20/2020 16:56	WG1595022
Di-isopropyl ether	U		0.000661	0.00161	1	12/20/2020 16:56	WG1595022
Ethylbenzene	U		0.00119	0.00403	1	12/20/2020 16:56	WG1595022
Hexachloro-1,3-butadiene	U		0.00967	0.0403	1	12/20/2020 16:56	WG1595022
Isopropylbenzene	U		0.000685	0.00403	1	12/20/2020 16:56	WG1595022
p-Isopropyltoluene	U		0.00411	0.00806	1	12/20/2020 16:56	WG1595022
2-Butanone (MEK)	U		0.102	0.161	1	12/20/2020 16:56	WG1595022
Methylene Chloride	U		0.0107	0.0403	1	12/20/2020 16:56	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00367	0.0403	1	12/20/2020 16:56	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000564	0.00161	1	12/20/2020 16:56	WG1595022
Naphthalene	U		0.00786	0.0201	1	12/20/2020 16:56	WG1595022
n-Propylbenzene	U		0.00153	0.00806	1	12/20/2020 16:56	WG1595022
Styrene	U		0.000369	0.0201	1	12/20/2020 16:56	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00153	0.00403	1	12/20/2020 16:56	WG1595022
1,1,2,2-Tetrachloroethane	U		0.00112	0.00403	1	12/20/2020 16:56	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00122	0.00403	1	12/20/2020 16:56	WG1595022
Tetrachloroethene	U		0.00144	0.00403	1	12/20/2020 16:56	WG1595022
Toluene	U		0.00209	0.00806	1	12/20/2020 16:56	WG1595022
1,2,3-Trichlorobenzene	U		0.0118	0.0201	1	12/20/2020 16:56	WG1595022
1,2,4-Trichlorobenzene	U		0.00709	0.0201	1	12/20/2020 16:56	WG1595022
1,1,1-Trichloroethane	U		0.00149	0.00403	1	12/20/2020 16:56	WG1595022
1,1,2-Trichloroethane	U		0.000962	0.00403	1	12/20/2020 16:56	WG1595022
Trichloroethene	U		0.000941	0.00161	1	12/20/2020 16:56	WG1595022
Trichlorofluoromethane	U		0.00133	0.00403	1	12/20/2020 16:56	WG1595022
1,2,3-Trichloropropane	U		0.00261	0.0201	1	12/20/2020 16:56	WG1595022
1,2,4-Trimethylbenzene	U		0.00255	0.00806	1	12/20/2020 16:56	WG1595022
1,2,3-Trimethylbenzene	U		0.00255	0.00806	1	12/20/2020 16:56	WG1595022
1,3,5-Trimethylbenzene	U		0.00322	0.00806	1	12/20/2020 16:56	WG1595022
Vinyl chloride	U		0.00187	0.00403	1	12/20/2020 16:56	WG1595022
Xylenes, Total	U		0.00142	0.0105	1	12/20/2020 16:56	WG1595022
(S) Toluene-d8	*108*			*75.0-131*		*12/20/2020 16:56*	WG1595022
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/20/2020 16:56*	WG1595022
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*12/20/2020 16:56*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00626	0.0387	1	12/24/2020 18:38	WG1596446
Acenaphthylene	U		0.00545	0.0387	1	12/24/2020 18:38	WG1596446
Anthracene	U		0.00689	0.0387	1	12/24/2020 18:38	WG1596446
Benzo(a)anthracene	U		0.00682	0.0387	1	12/24/2020 18:38	WG1596446
Benzo(b)fluoranthene	0.0169	J	0.00722	0.0387	1	12/24/2020 18:38	WG1596446
Benzo(k)fluoranthene	U		0.00688	0.0387	1	12/24/2020 18:38	WG1596446
Benzo(g,h,i)perylene	0.0209	J	0.00708	0.0387	1	12/24/2020 18:38	WG1596446
Benzo(a)pyrene	0.0114	J	0.00719	0.0387	1	12/24/2020 18:38	WG1596446
Bis(2-chlorethoxy)methane	U		0.0116	0.387	1	12/24/2020 18:38	WG1596446
Bis(2-chloroethyl)ether	U		0.0128	0.387	1	12/24/2020 18:38	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0167	0.387	1	12/24/2020 18:38	WG1596446
4-Bromophenyl-phenylether	U		0.0136	0.387	1	12/24/2020 18:38	WG1596446
2-Chloronaphthalene	U		0.00680	0.0387	1	12/24/2020 18:38	WG1596446
4-Chlorophenyl-phenylether	U		0.0135	0.387	1	12/24/2020 18:38	WG1596446
Chrysene	0.00902	J	0.00769	0.0387	1	12/24/2020 18:38	WG1596446
Dibenz(a,h)anthracene	U		0.0107	0.0387	1	12/24/2020 18:38	WG1596446
3,3-Dichlorobenzidine	U		0.0143	0.387	1	12/24/2020 18:38	WG1596446
2,4-Dinitrotoluene	U		0.0111	0.387	1	12/24/2020 18:38	WG1596446
2,6-Dinitrotoluene	U		0.0127	0.387	1	12/24/2020 18:38	WG1596446
Fluoranthene	0.0174	J	0.00699	0.0387	1	12/24/2020 18:38	WG1596446
Fluorene	U		0.00630	0.0387	1	12/24/2020 18:38	WG1596446
Hexachlorobenzene	U		0.0137	0.387	1	12/24/2020 18:38	WG1596446
Hexachloro-1,3-butadiene	U		0.0130	0.387	1	12/24/2020 18:38	WG1596446
Hexachlorocyclopentadiene	U		0.0203	0.387	1	12/24/2020 18:38	WG1596446
Hexachloroethane	U		0.0152	0.387	1	12/24/2020 18:38	WG1596446
Indeno(1,2,3-cd)pyrene	0.0166	J	0.0109	0.0387	1	12/24/2020 18:38	WG1596446
Isophorone	U		0.0119	0.387	1	12/24/2020 18:38	WG1596446
Naphthalene	U		0.00972	0.0387	1	12/24/2020 18:38	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0135	0.387	1	12/24/2020 18:38	WG1596446
n-Nitrosodimethylamine	U		0.0574	0.387	1	12/24/2020 18:38	WG1596446
n-Nitrosodiphenylamine	U		0.0293	0.387	1	12/24/2020 18:38	WG1596446
n-Nitrosodi-n-propylamine	U		0.0129	0.387	1	12/24/2020 18:38	WG1596446
Phenanthrene	U		0.00768	0.0387	1	12/24/2020 18:38	WG1596446
Pyridine	U		0.0256	0.387	1	12/24/2020 18:38	WG1596446
Benzylbutyl phthalate	U		0.0121	0.387	1	12/24/2020 18:38	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0490	0.387	1	12/24/2020 18:38	WG1596446
Di-n-butyl phthalate	U		0.0132	0.387	1	12/24/2020 18:38	WG1596446
Diethyl phthalate	U		0.0128	0.387	1	12/24/2020 18:38	WG1596446
Dimethyl phthalate	U		0.0821	0.387	1	12/24/2020 18:38	WG1596446
Di-n-octyl phthalate	U		0.0262	0.387	1	12/24/2020 18:38	WG1596446
Pyrene	0.0192	J	0.00753	0.0387	1	12/24/2020 18:38	WG1596446
1,2,4-Trichlorobenzene	U		0.0121	0.387	1	12/24/2020 18:38	WG1596446
4-Chloro-3-methylphenol	U		0.0126	0.387	1	12/24/2020 18:38	WG1596446
2-Chlorophenol	U		0.0128	0.387	1	12/24/2020 18:38	WG1596446
2,4-Dichlorophenol	U		0.0113	0.387	1	12/24/2020 18:38	WG1596446
2,4-Dimethylphenol	U		0.0101	0.387	1	12/24/2020 18:38	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0877	0.387	1	12/24/2020 18:38	WG1596446
2,4-Dinitrophenol	U		0.0905	0.387	1	12/24/2020 18:38	WG1596446
2-Methylphenol	U		0.0116	0.387	1	12/24/2020 18:38	WG1596446
3&4-Methyl Phenol	U		0.0121	0.387	1	12/24/2020 18:38	WG1596446
2-Nitrophenol	U		0.0138	0.387	1	12/24/2020 18:38	WG1596446
4-Nitrophenol	U		0.0121	0.387	1	12/24/2020 18:38	WG1596446
Pentachlorophenol	U		0.0104	0.387	1	12/24/2020 18:38	WG1596446
Phenol	U		0.0156	0.387	1	12/24/2020 18:38	WG1596446
2,4,6-Trichlorophenol	U		0.0124	0.387	1	12/24/2020 18:38	WG1596446
2,4,5-Trichlorophenol	U		0.0131	0.387	1	12/24/2020 18:38	WG1596446
(S) 2-Fluorophenol	*73.8*			*12.0-120*		*12/24/2020 18:38*	WG1596446
(S) Phenol-d5	*67.7*			*10.0-120*		*12/24/2020 18:38*	WG1596446
(S) Nitrobenzene-d5	*58.3*			*10.0-122*		*12/24/2020 18:38*	WG1596446
(S) 2-Fluorobiphenyl	*69.6*			*15.0-120*		*12/24/2020 18:38*	WG1596446
(S) 2,4,6-Tribromophenol	*99.4*			*10.0-127*		*12/24/2020 18:38*	WG1596446
(S) p-Terphenyl-d14	*76.2*			*10.0-120*		*12/24/2020 18:38*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.2		1	12/19/2020 10:00	WG1594416

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0605		0.0206	0.0459	1	01/02/2021 01:51	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.624	2.29	1	12/21/2020 06:17	WG1594450
Arsenic	5.48		0.594	2.29	1	12/21/2020 06:17	WG1594450
Barium	171		0.0977	0.574	1	12/21/2020 06:17	WG1594450
Beryllium	0.586		0.0361	0.229	1	12/21/2020 06:17	WG1594450
Cadmium	0.236	J	0.0540	0.574	1	12/21/2020 06:17	WG1594450
Chromium	99.4		0.153	1.15	1	12/21/2020 06:17	WG1594450
Cobalt	15.7		0.0930	1.15	1	12/21/2020 06:17	WG1594450
Copper	33.1		0.459	2.29	1	12/21/2020 06:17	WG1594450
Lead	6.73		0.239	0.574	1	12/21/2020 06:17	WG1594450
Molybdenum	4.05		0.125	0.574	1	12/21/2020 06:17	WG1594450
Nickel	127		0.151	2.29	1	12/21/2020 06:17	WG1594450
Selenium	U		0.876	2.29	1	12/21/2020 06:17	WG1594450
Silver	U		0.146	1.15	1	12/21/2020 06:17	WG1594450
Thallium	U		0.452	2.29	1	12/21/2020 06:17	WG1594450
Vanadium	65.1		0.580	2.29	1	12/21/2020 06:17	WG1594450
Zinc	68.3		0.954	5.74	1	12/21/2020 06:17	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	4.90		0.841	4.59	1	12/22/2020 19:05	WG1595950
C22-C32 Hydrocarbons	14.2		1.53	4.59	1	12/22/2020 19:05	WG1595950
C32-C40 Hydrocarbons	10.4		1.53	4.59	1	12/22/2020 19:05	WG1595950
(S) o-Terphenyl	*76.9*			*18.0-148*		*12/22/2020 19:05*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00805	0.0803	1	12/24/2020 01:33	WG1594825
Dalapon	U		0.0130	0.0803	1	12/24/2020 01:33	WG1594825
2,4-DB	U		0.0341	0.0803	1	12/24/2020 01:33	WG1594825
Dicamba	U		0.0180	0.0803	1	12/24/2020 01:33	WG1594825
Dichloroprop	U		0.0281	0.0803	1	12/24/2020 01:33	WG1594825
Dinoseb	U		0.00799	0.0803	1	12/24/2020 01:33	WG1594825
MCPA	U	J4	0.508	7.46	1	12/24/2020 01:33	WG1594825
MCPP	U	J4	0.421	7.46	1	12/24/2020 01:33	WG1594825
2,4,5-T	U		0.00977	0.0803	1	12/24/2020 01:33	WG1594825
2,4,5-TP (Silvex)	U		0.0123	0.0803	1	12/24/2020 01:33	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*54.4*			*22.0-132*		*12/24/2020 01:33*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0365	0.115	1	12/22/2020 21:26	WG1594289
Bolstar (Sulprofos)	U		0.0171	0.115	1	12/22/2020 21:26	WG1594289
Chlorpyrifos	U		0.0180	0.115	1	12/22/2020 21:26	WG1594289
Coumaphos	U		0.0279	0.115	1	12/22/2020 21:26	WG1594289
Demeton,-O and -S	U		0.00670	0.0803	1	12/22/2020 21:26	WG1594289
Diazinon	U		0.0258	0.115	1	12/22/2020 21:26	WG1594289
Dichlorvos	U		0.0344	0.115	1	12/22/2020 21:26	WG1594289
Dimethoate	U		0.0383	0.115	1	12/22/2020 21:26	WG1594289
Disulfoton	U		0.0291	0.115	1	12/22/2020 21:26	WG1594289
EPN	U		0.0317	0.115	1	12/22/2020 21:26	WG1594289
Ethoprop	U		0.0135	0.115	1	12/22/2020 21:26	WG1594289
Ethyl Parathion	U		0.0188	0.115	1	12/22/2020 21:26	WG1594289
Fensulfothion	U		0.0405	0.115	1	12/22/2020 21:26	WG1594289
Fenthion	U		0.0153	0.115	1	12/22/2020 21:26	WG1594289
Malathion	U		0.0205	0.115	1	12/22/2020 21:26	WG1594289
Merphos	U		0.0266	0.115	1	12/22/2020 21:26	WG1594289
Methyl parathion	U		0.0233	0.115	1	12/22/2020 21:26	WG1594289
Mevinphos	U		0.0264	0.115	1	12/22/2020 21:26	WG1594289
Naled	U		0.0551	0.115	1	12/22/2020 21:26	WG1594289
Phorate	U		0.0241	0.115	1	12/22/2020 21:26	WG1594289
Ronnel	U		0.0171	0.115	1	12/22/2020 21:26	WG1594289
Stirophos	U		0.0204	0.115	1	12/22/2020 21:26	WG1594289
Sulfotep	U		0.0113	0.115	1	12/22/2020 21:26	WG1594289
TEPP	U	J4	0.180	1.15	1	12/22/2020 21:26	WG1594289
Tokuthion (Prothothiofos)	U		0.0172	0.115	1	12/22/2020 21:26	WG1594289
Trichloronate	U		0.0231	0.115	1	12/22/2020 21:26	WG1594289
(S) Triphenyl Phosphate	*81.1*			*36.0-121*		*12/22/2020 21:26*	WG1594289

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.7		1	12/19/2020 09:48	WG1594417

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.13	3.40	25	12/28/2020 20:38	WG1597867
(S) a,a,a-Trifluorotoluene(FID)	*98.2*			*77.0-120*		*12/28/2020 20:38*	WG1597867

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0496	0.0679	1	12/20/2020 17:15	WG1595022
Acrylonitrile	U		0.00490	0.0170	1	12/20/2020 17:15	WG1595022
Benzene	U		0.000634	0.00136	1	12/20/2020 17:15	WG1595022
Bromobenzene	U		0.00122	0.0170	1	12/20/2020 17:15	WG1595022
Bromodichloromethane	U		0.000985	0.00340	1	12/20/2020 17:15	WG1595022
Bromoform	U		0.00159	0.0340	1	12/20/2020 17:15	WG1595022
Bromomethane	U		0.00268	0.0170	1	12/20/2020 17:15	WG1595022
n-Butylbenzene	U		0.00713	0.0170	1	12/20/2020 17:15	WG1595022
sec-Butylbenzene	U		0.00391	0.0170	1	12/20/2020 17:15	WG1595022
tert-Butylbenzene	U		0.00265	0.00679	1	12/20/2020 17:15	WG1595022
Carbon tetrachloride	U		0.00122	0.00679	1	12/20/2020 17:15	WG1595022
Chlorobenzene	U		0.000285	0.00340	1	12/20/2020 17:15	WG1595022
Chlorodibromomethane	U		0.000831	0.00340	1	12/20/2020 17:15	WG1595022
Chloroethane	U		0.00231	0.00679	1	12/20/2020 17:15	WG1595022
Chloroform	U		0.00140	0.00340	1	12/20/2020 17:15	WG1595022
Chloromethane	U		0.00591	0.0170	1	12/20/2020 17:15	WG1595022
2-Chlorotoluene	U		0.00118	0.00340	1	12/20/2020 17:15	WG1595022
4-Chlorotoluene	U		0.000611	0.00679	1	12/20/2020 17:15	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00530	0.0340	1	12/20/2020 17:15	WG1595022
1,2-Dibromoethane	U		0.000880	0.00340	1	12/20/2020 17:15	WG1595022
Dibromomethane	U		0.00102	0.00679	1	12/20/2020 17:15	WG1595022
1,2-Dichlorobenzene	U		0.000577	0.00679	1	12/20/2020 17:15	WG1595022
1,3-Dichlorobenzene	U		0.000815	0.00679	1	12/20/2020 17:15	WG1595022
1,4-Dichlorobenzene	U		0.000951	0.00679	1	12/20/2020 17:15	WG1595022
Dichlorodifluoromethane	U		0.00219	0.00340	1	12/20/2020 17:15	WG1595022
1,1-Dichloroethane	U		0.000667	0.00340	1	12/20/2020 17:15	WG1595022
1,2-Dichloroethane	U		0.000882	0.00340	1	12/20/2020 17:15	WG1595022
1,1-Dichloroethene	U		0.000823	0.00340	1	12/20/2020 17:15	WG1595022
cis-1,2-Dichloroethene	U		0.000997	0.00340	1	12/20/2020 17:15	WG1595022
trans-1,2-Dichloroethene	U		0.00141	0.00679	1	12/20/2020 17:15	WG1595022
1,2-Dichloropropane	U		0.00193	0.00679	1	12/20/2020 17:15	WG1595022
1,1-Dichloropropene	U		0.00110	0.00340	1	12/20/2020 17:15	WG1595022
1,3-Dichloropropane	U		0.000681	0.00679	1	12/20/2020 17:15	WG1595022
cis-1,3-Dichloropropene	U		0.00103	0.00340	1	12/20/2020 17:15	WG1595022
trans-1,3-Dichloropropene	U		0.00155	0.00679	1	12/20/2020 17:15	WG1595022
2,2-Dichloropropane	U		0.00187	0.00340	1	12/20/2020 17:15	WG1595022
Di-isopropyl ether	U		0.000557	0.00136	1	12/20/2020 17:15	WG1595022
Ethylbenzene	U		0.00100	0.00340	1	12/20/2020 17:15	WG1595022
Hexachloro-1,3-butadiene	U		0.00815	0.0340	1	12/20/2020 17:15	WG1595022
Isopropylbenzene	U		0.000577	0.00340	1	12/20/2020 17:15	WG1595022
p-Isopropyltoluene	U		0.00346	0.00679	1	12/20/2020 17:15	WG1595022
2-Butanone (MEK)	U		0.0863	0.136	1	12/20/2020 17:15	WG1595022
Methylene Chloride	U		0.00902	0.0340	1	12/20/2020 17:15	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00310	0.0340	1	12/20/2020 17:15	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000475	0.00136	1	12/20/2020 17:15	WG1595022
Naphthalene	U		0.00663	0.0170	1	12/20/2020 17:15	WG1595022
n-Propylbenzene	U		0.00129	0.00679	1	12/20/2020 17:15	WG1595022
Styrene	U		0.000311	0.0170	1	12/20/2020 17:15	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00129	0.00340	1	12/20/2020 17:15	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000944	0.00340	1	12/20/2020 17:15	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00102	0.00340	1	12/20/2020 17:15	WG1595022
Tetrachloroethene	U		0.00122	0.00340	1	12/20/2020 17:15	WG1595022
Toluene	U		0.00177	0.00679	1	12/20/2020 17:15	WG1595022
1,2,3-Trichlorobenzene	U		0.00996	0.0170	1	12/20/2020 17:15	WG1595022
1,2,4-Trichlorobenzene	U		0.00598	0.0170	1	12/20/2020 17:15	WG1595022
1,1,1-Trichloroethane	U		0.00125	0.00340	1	12/20/2020 17:15	WG1595022
1,1,2-Trichloroethane	U		0.000811	0.00340	1	12/20/2020 17:15	WG1595022
Trichloroethene	U		0.000793	0.00136	1	12/20/2020 17:15	WG1595022
Trichlorofluoromethane	U		0.00112	0.00340	1	12/20/2020 17:15	WG1595022
1,2,3-Trichloropropane	U		0.00220	0.0170	1	12/20/2020 17:15	WG1595022
1,2,4-Trimethylbenzene	U		0.00215	0.00679	1	12/20/2020 17:15	WG1595022
1,2,3-Trimethylbenzene	U		0.00215	0.00679	1	12/20/2020 17:15	WG1595022
1,3,5-Trimethylbenzene	U		0.00272	0.00679	1	12/20/2020 17:15	WG1595022
Vinyl chloride	U		0.00158	0.00340	1	12/20/2020 17:15	WG1595022
Xylenes, Total	U		0.00120	0.00883	1	12/20/2020 17:15	WG1595022
(S) Toluene-d8	*107*			*75.0-131*		*12/20/2020 17:15*	WG1595022
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*12/20/2020 17:15*	WG1595022
(S) 1,2-Dichloroethane-d4	*88.0*			*70.0-130*		*12/20/2020 17:15*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00601	0.0371	1	12/24/2020 18:18	WG1596446
Acenaphthylene	U		0.00523	0.0371	1	12/24/2020 18:18	WG1596446
Anthracene	U		0.00661	0.0371	1	12/24/2020 18:18	WG1596446
Benzo(a)anthracene	U		0.00654	0.0371	1	12/24/2020 18:18	WG1596446
Benzo(b)fluoranthene	U		0.00692	0.0371	1	12/24/2020 18:18	WG1596446
Benzo(k)fluoranthene	U		0.00660	0.0371	1	12/24/2020 18:18	WG1596446
Benzo(g,h,i)perylene	U		0.00679	0.0371	1	12/24/2020 18:18	WG1596446
Benzo(a)pyrene	U		0.00690	0.0371	1	12/24/2020 18:18	WG1596446
Bis(2-chlorethoxy)methane	U		0.0111	0.371	1	12/24/2020 18:18	WG1596446
Bis(2-chloroethyl)ether	U		0.0123	0.371	1	12/24/2020 18:18	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0161	0.371	1	12/24/2020 18:18	WG1596446
4-Bromophenyl-phenylether	U		0.0130	0.371	1	12/24/2020 18:18	WG1596446
2-Chloronaphthalene	U		0.00652	0.0371	1	12/24/2020 18:18	WG1596446
4-Chlorophenyl-phenylether	U		0.0129	0.371	1	12/24/2020 18:18	WG1596446
Chrysene	U		0.00738	0.0371	1	12/24/2020 18:18	WG1596446
Dibenz(a,h)anthracene	U		0.0103	0.0371	1	12/24/2020 18:18	WG1596446
3,3-Dichlorobenzidine	U		0.0137	0.371	1	12/24/2020 18:18	WG1596446
2,4-Dinitrotoluene	U		0.0106	0.371	1	12/24/2020 18:18	WG1596446
2,6-Dinitrotoluene	U		0.0122	0.371	1	12/24/2020 18:18	WG1596446
Fluoranthene	U		0.00670	0.0371	1	12/24/2020 18:18	WG1596446
Fluorene	U		0.00604	0.0371	1	12/24/2020 18:18	WG1596446
Hexachlorobenzene	U		0.0132	0.371	1	12/24/2020 18:18	WG1596446
Hexachloro-1,3-butadiene	U		0.0125	0.371	1	12/24/2020 18:18	WG1596446
Hexachlorocyclopentadiene	U		0.0195	0.371	1	12/24/2020 18:18	WG1596446
Hexachloroethane	U		0.0146	0.371	1	12/24/2020 18:18	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0105	0.0371	1	12/24/2020 18:18	WG1596446
Isophorone	U		0.0114	0.371	1	12/24/2020 18:18	WG1596446
Naphthalene	U		0.00932	0.0371	1	12/24/2020 18:18	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0129	0.371	1	12/24/2020 18:18	WG1596446
n-Nitrosodimethylamine	U		0.0551	0.371	1	12/24/2020 18:18	WG1596446
n-Nitrosodiphenylamine	U		0.0281	0.371	1	12/24/2020 18:18	WG1596446
n-Nitrosodi-n-propylamine	U		0.0124	0.371	1	12/24/2020 18:18	WG1596446
Phenanthrene	U		0.00737	0.0371	1	12/24/2020 18:18	WG1596446
Pyridine	U		0.0245	0.371	1	12/24/2020 18:18	WG1596446
Benzylbutyl phthalate	U		0.0116	0.371	1	12/24/2020 18:18	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0470	0.371	1	12/24/2020 18:18	WG1596446
Di-n-butyl phthalate	U		0.0127	0.371	1	12/24/2020 18:18	WG1596446
Diethyl phthalate	U		0.0123	0.371	1	12/24/2020 18:18	WG1596446
Dimethyl phthalate	U		0.0787	0.371	1	12/24/2020 18:18	WG1596446
Di-n-octyl phthalate	U		0.0251	0.371	1	12/24/2020 18:18	WG1596446
Pyrene	U		0.00722	0.0371	1	12/24/2020 18:18	WG1596446
1,2,4-Trichlorobenzene	U		0.0116	0.371	1	12/24/2020 18:18	WG1596446
4-Chloro-3-methylphenol	U		0.0120	0.371	1	12/24/2020 18:18	WG1596446
2-Chlorophenol	U		0.0123	0.371	1	12/24/2020 18:18	WG1596446
2,4-Dichlorophenol	U		0.0108	0.371	1	12/24/2020 18:18	WG1596446
2,4-Dimethylphenol	U		0.00970	0.371	1	12/24/2020 18:18	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0842	0.371	1	12/24/2020 18:18	WG1596446
2,4-Dinitrophenol	U		0.0868	0.371	1	12/24/2020 18:18	WG1596446
2-Methylphenol	U		0.0111	0.371	1	12/24/2020 18:18	WG1596446
3&4-Methyl Phenol	U		0.0116	0.371	1	12/24/2020 18:18	WG1596446
2-Nitrophenol	U		0.0133	0.371	1	12/24/2020 18:18	WG1596446
4-Nitrophenol	U		0.0116	0.371	1	12/24/2020 18:18	WG1596446
Pentachlorophenol	U		0.00999	0.371	1	12/24/2020 18:18	WG1596446
Phenol	U		0.0149	0.371	1	12/24/2020 18:18	WG1596446
2,4,6-Trichlorophenol	U		0.0119	0.371	1	12/24/2020 18:18	WG1596446
2,4,5-Trichlorophenol	U		0.0126	0.371	1	12/24/2020 18:18	WG1596446
(S) 2-Fluorophenol	*74.5*			*12.0-120*		*12/24/2020 18:18*	WG1596446
(S) Phenol-d5	*66.9*			*10.0-120*		*12/24/2020 18:18*	WG1596446
(S) Nitrobenzene-d5	*62.5*			*10.0-122*		*12/24/2020 18:18*	WG1596446
(S) 2-Fluorobiphenyl	*73.7*			*15.0-120*		*12/24/2020 18:18*	WG1596446
(S) 2,4,6-Tribromophenol	*93.0*			*10.0-127*		*12/24/2020 18:18*	WG1596446
(S) p-Terphenyl-d14	*75.9*			*10.0-120*		*12/24/2020 18:18*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	12/19/2020 09:48	WG1594417

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0443	J	0.0214	0.0476	1	01/02/2021 02:24	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.647	2.38	1	12/21/2020 06:19	WG1594450
Arsenic	7.38		0.616	2.38	1	12/21/2020 06:19	WG1594450
Barium	113		0.101	0.595	1	12/21/2020 06:19	WG1594450
Beryllium	0.479		0.0375	0.238	1	12/21/2020 06:19	WG1594450
Cadmium	0.491	J	0.0560	0.595	1	12/21/2020 06:19	WG1594450
Chromium	47.3		0.158	1.19	1	12/21/2020 06:19	WG1594450
Cobalt	7.57		0.0965	1.19	1	12/21/2020 06:19	WG1594450
Copper	21.1		0.476	2.38	1	12/21/2020 06:19	WG1594450
Lead	8.75		0.247	0.595	1	12/21/2020 06:19	WG1594450
Molybdenum	1.97		0.130	0.595	1	12/21/2020 06:19	WG1594450
Nickel	34.9		0.157	2.38	1	12/21/2020 06:19	WG1594450
Selenium	U		0.909	2.38	1	12/21/2020 06:19	WG1594450
Silver	U		0.151	1.19	1	12/21/2020 06:19	WG1594450
Thallium	U		0.469	2.38	1	12/21/2020 06:19	WG1594450
Vanadium	47.9		0.602	2.38	1	12/21/2020 06:19	WG1594450
Zinc	64.7		0.990	5.95	1	12/21/2020 06:19	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	9.42		0.872	4.76	1	12/22/2020 19:48	WG1595950
C22-C32 Hydrocarbons	50.9		1.58	4.76	1	12/22/2020 19:48	WG1595950
C32-C40 Hydrocarbons	35.7		1.58	4.76	1	12/22/2020 19:48	WG1595950
(S) o-Terphenyl	*79.8*			*18.0-148*		*12/22/2020 19:48*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00835	0.0833	1	12/24/2020 01:47	WG1594825
Dalapon	U		0.0134	0.0833	1	12/24/2020 01:47	WG1594825
2,4-DB	U		0.0353	0.0833	1	12/24/2020 01:47	WG1594825
Dicamba	U		0.0187	0.0833	1	12/24/2020 01:47	WG1594825
Dichloroprop	U		0.0291	0.0833	1	12/24/2020 01:47	WG1594825
Dinoseb	U		0.00829	0.0833	1	12/24/2020 01:47	WG1594825
MCPA	U	J4	0.527	7.73	1	12/24/2020 01:47	WG1594825
MCPP	U	J4	0.437	7.73	1	12/24/2020 01:47	WG1594825
2,4,5-T	U		0.0101	0.0833	1	12/24/2020 01:47	WG1594825
2,4,5-TP (Silvex)	U		0.0127	0.0833	1	12/24/2020 01:47	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*56.1*			*22.0-132*		*12/24/2020 01:47*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0378	0.119	1	12/22/2020 21:59	WG1594289
Bolstar (Sulprofos)	U		0.0177	0.119	1	12/22/2020 21:59	WG1594289
Chlorpyrifos	U		0.0187	0.119	1	12/22/2020 21:59	WG1594289
Coumaphos	U		0.0289	0.119	1	12/22/2020 21:59	WG1594289
Demeton,-O and -S	U		0.00695	0.0833	1	12/22/2020 21:59	WG1594289
Diazinon	U		0.0268	0.119	1	12/22/2020 21:59	WG1594289
Dichlorvos	U		0.0357	0.119	1	12/22/2020 21:59	WG1594289
Dimethoate	U		0.0397	0.119	1	12/22/2020 21:59	WG1594289
Disulfoton	U		0.0302	0.119	1	12/22/2020 21:59	WG1594289
EPN	U		0.0328	0.119	1	12/22/2020 21:59	WG1594289
Ethoprop	U		0.0140	0.119	1	12/22/2020 21:59	WG1594289
Ethyl Parathion	U		0.0195	0.119	1	12/22/2020 21:59	WG1594289
Fensulfothion	U		0.0420	0.119	1	12/22/2020 21:59	WG1594289
Fenthion	U		0.0158	0.119	1	12/22/2020 21:59	WG1594289
Malathion	U		0.0213	0.119	1	12/22/2020 21:59	WG1594289
Merphos	U		0.0276	0.119	1	12/22/2020 21:59	WG1594289
Methyl parathion	U		0.0242	0.119	1	12/22/2020 21:59	WG1594289
Mevinphos	U		0.0274	0.119	1	12/22/2020 21:59	WG1594289
Naled	U		0.0571	0.119	1	12/22/2020 21:59	WG1594289
Phorate	U		0.0250	0.119	1	12/22/2020 21:59	WG1594289
Ronnel	U		0.0177	0.119	1	12/22/2020 21:59	WG1594289
Stirophos	U		0.0212	0.119	1	12/22/2020 21:59	WG1594289
Sulfotep	U		0.0117	0.119	1	12/22/2020 21:59	WG1594289
TEPP	U	J4	0.187	1.19	1	12/22/2020 21:59	WG1594289
Tokuthion (Prothothiofos)	U		0.0178	0.119	1	12/22/2020 21:59	WG1594289
Trichloronate	U		0.0239	0.119	1	12/22/2020 21:59	WG1594289
(S) Triphenyl Phosphate	*72.8*			*36.0-121*		*12/22/2020 21:59*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00447	0.0238	1	12/24/2020 15:31	WG1597068
Alpha BHC	U		0.00438	0.0238	1	12/24/2020 15:31	WG1597068
Beta BHC	U		0.00451	0.0238	1	12/24/2020 15:31	WG1597068
Delta BHC	U		0.00412	0.0238	1	12/24/2020 15:31	WG1597068
Gamma BHC	U		0.00409	0.0238	1	12/24/2020 15:31	WG1597068
4,4-DDD	U		0.00440	0.0238	1	12/24/2020 15:31	WG1597068
4,4-DDE	U		0.00435	0.0238	1	12/24/2020 15:31	WG1597068
4,4-DDT	U		0.00746	0.0238	1	12/24/2020 15:31	WG1597068
Dieldrin	U		0.00409	0.0238	1	12/24/2020 15:31	WG1597068
Endosulfan I	U		0.00432	0.0238	1	12/24/2020 15:31	WG1597068
Endosulfan II	U		0.00399	0.0238	1	12/24/2020 15:31	WG1597068
Endosulfan sulfate	U		0.00433	0.0238	1	12/24/2020 15:31	WG1597068
Endrin	U		0.00416	0.0238	1	12/24/2020 15:31	WG1597068
Endrin aldehyde	U		0.00403	0.0238	1	12/24/2020 15:31	WG1597068
Endrin ketone	U		0.00846	0.0238	1	12/24/2020 15:31	WG1597068
Heptachlor	U		0.00509	0.0238	1	12/24/2020 15:31	WG1597068
Heptachlor epoxide	U		0.00403	0.0238	1	12/24/2020 15:31	WG1597068
Hexachlorobenzene	U		0.00412	0.0238	1	12/24/2020 15:31	WG1597068
Methoxychlor	U		0.00576	0.0238	1	12/24/2020 15:31	WG1597068
Chlordane	0.126	J	0.123	0.357	1	12/24/2020 15:31	WG1597068
Toxaphene	U		0.148	0.476	1	12/24/2020 15:31	WG1597068
(S) Decachlorobiphenyl	*111*			*10.0-135*		*12/24/2020 15:31*	WG1597068
(S) Tetrachloro-m-xylene	*94.7*			*10.0-139*		*12/24/2020 15:31*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.9		1	12/19/2020 09:48	WG1594417

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.12	3.39	25	12/28/2020 21:01	WG1597867
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*		*12/28/2020 21:01*	WG1597867

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0495	0.0677	1	12/20/2020 17:34	WG1595022
Acrylonitrile	U		0.00489	0.0169	1	12/20/2020 17:34	WG1595022
Benzene	U		0.000633	0.00135	1	12/20/2020 17:34	WG1595022
Bromobenzene	U		0.00122	0.0169	1	12/20/2020 17:34	WG1595022
Bromodichloromethane	U		0.000982	0.00339	1	12/20/2020 17:34	WG1595022
Bromoform	U		0.00159	0.0339	1	12/20/2020 17:34	WG1595022
Bromomethane	U		0.00267	0.0169	1	12/20/2020 17:34	WG1595022
n-Butylbenzene	U		0.00711	0.0169	1	12/20/2020 17:34	WG1595022
sec-Butylbenzene	U		0.00390	0.0169	1	12/20/2020 17:34	WG1595022
tert-Butylbenzene	U		0.00264	0.00677	1	12/20/2020 17:34	WG1595022
Carbon tetrachloride	U		0.00122	0.00677	1	12/20/2020 17:34	WG1595022
Chlorobenzene	U		0.000285	0.00339	1	12/20/2020 17:34	WG1595022
Chlorodibromomethane	U		0.000829	0.00339	1	12/20/2020 17:34	WG1595022
Chloroethane	U		0.00230	0.00677	1	12/20/2020 17:34	WG1595022
Chloroform	U		0.00140	0.00339	1	12/20/2020 17:34	WG1595022
Chloromethane	U		0.00589	0.0169	1	12/20/2020 17:34	WG1595022
2-Chlorotoluene	U		0.00117	0.00339	1	12/20/2020 17:34	WG1595022
4-Chlorotoluene	U		0.000610	0.00677	1	12/20/2020 17:34	WG1595022
1,2-Dibromo-3-Chloropropane	U		0.00528	0.0339	1	12/20/2020 17:34	WG1595022
1,2-Dibromoethane	U		0.000878	0.00339	1	12/20/2020 17:34	WG1595022
Dibromomethane	U		0.00102	0.00677	1	12/20/2020 17:34	WG1595022
1,2-Dichlorobenzene	U		0.000576	0.00677	1	12/20/2020 17:34	WG1595022
1,3-Dichlorobenzene	U		0.000813	0.00677	1	12/20/2020 17:34	WG1595022
1,4-Dichlorobenzene	U		0.000948	0.00677	1	12/20/2020 17:34	WG1595022
Dichlorodifluoromethane	U		0.00218	0.00339	1	12/20/2020 17:34	WG1595022
1,1-Dichloroethane	U		0.000665	0.00339	1	12/20/2020 17:34	WG1595022
1,2-Dichloroethane	U		0.000879	0.00339	1	12/20/2020 17:34	WG1595022
1,1-Dichloroethene	U		0.000821	0.00339	1	12/20/2020 17:34	WG1595022
cis-1,2-Dichloroethene	U		0.000994	0.00339	1	12/20/2020 17:34	WG1595022
trans-1,2-Dichloroethene	U		0.00141	0.00677	1	12/20/2020 17:34	WG1595022
1,2-Dichloropropane	U		0.00192	0.00677	1	12/20/2020 17:34	WG1595022
1,1-Dichloropropene	U		0.00110	0.00339	1	12/20/2020 17:34	WG1595022
1,3-Dichloropropane	U		0.000679	0.00677	1	12/20/2020 17:34	WG1595022
cis-1,3-Dichloropropene	U		0.00103	0.00339	1	12/20/2020 17:34	WG1595022
trans-1,3-Dichloropropene	U		0.00154	0.00677	1	12/20/2020 17:34	WG1595022
2,2-Dichloropropane	U		0.00187	0.00339	1	12/20/2020 17:34	WG1595022
Di-isopropyl ether	U		0.000555	0.00135	1	12/20/2020 17:34	WG1595022
Ethylbenzene	U		0.000998	0.00339	1	12/20/2020 17:34	WG1595022
Hexachloro-1,3-butadiene	U		0.00813	0.0339	1	12/20/2020 17:34	WG1595022
Isopropylbenzene	U		0.000576	0.00339	1	12/20/2020 17:34	WG1595022
p-Isopropyltoluene	U		0.00345	0.00677	1	12/20/2020 17:34	WG1595022
2-Butanone (MEK)	U		0.0860	0.135	1	12/20/2020 17:34	WG1595022
Methylene Chloride	U		0.00900	0.0339	1	12/20/2020 17:34	WG1595022
4-Methyl-2-pentanone (MIBK)	U		0.00309	0.0339	1	12/20/2020 17:34	WG1595022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000474	0.00135	1	12/20/2020 17:34	WG1595022
Naphthalene	U		0.00661	0.0169	1	12/20/2020 17:34	WG1595022
n-Propylbenzene	U		0.00129	0.00677	1	12/20/2020 17:34	WG1595022
Styrene	U		0.000310	0.0169	1	12/20/2020 17:34	WG1595022
1,1,1,2-Tetrachloroethane	U		0.00128	0.00339	1	12/20/2020 17:34	WG1595022
1,1,2,2-Tetrachloroethane	U		0.000942	0.00339	1	12/20/2020 17:34	WG1595022
1,1,2-Trichlorotrifluoroethane	U		0.00102	0.00339	1	12/20/2020 17:34	WG1595022
Tetrachloroethene	U		0.00121	0.00339	1	12/20/2020 17:34	WG1595022
Toluene	U		0.00176	0.00677	1	12/20/2020 17:34	WG1595022
1,2,3-Trichlorobenzene	U		0.00993	0.0169	1	12/20/2020 17:34	WG1595022
1,2,4-Trichlorobenzene	U		0.00596	0.0169	1	12/20/2020 17:34	WG1595022
1,1,1-Trichloroethane	U		0.00125	0.00339	1	12/20/2020 17:34	WG1595022
1,1,2-Trichloroethane	U		0.000809	0.00339	1	12/20/2020 17:34	WG1595022
Trichloroethene	U		0.000791	0.00135	1	12/20/2020 17:34	WG1595022
Trichlorofluoromethane	U		0.00112	0.00339	1	12/20/2020 17:34	WG1595022
1,2,3-Trichloropropane	U		0.00219	0.0169	1	12/20/2020 17:34	WG1595022
1,2,4-Trimethylbenzene	U		0.00214	0.00677	1	12/20/2020 17:34	WG1595022
1,2,3-Trimethylbenzene	U		0.00214	0.00677	1	12/20/2020 17:34	WG1595022
1,3,5-Trimethylbenzene	U		0.00271	0.00677	1	12/20/2020 17:34	WG1595022
Vinyl chloride	U		0.00157	0.00339	1	12/20/2020 17:34	WG1595022
Xylenes, Total	U		0.00119	0.00881	1	12/20/2020 17:34	WG1595022
(S) Toluene-d8	*112*			*75.0-131*		*12/20/2020 17:34*	WG1595022
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*12/20/2020 17:34*	WG1595022
(S) 1,2-Dichloroethane-d4	*90.2*			*70.0-130*		*12/20/2020 17:34*	WG1595022

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00627	0.0388	1	12/24/2020 20:01	WG1596446
Acenaphthylene	U		0.00546	0.0388	1	12/24/2020 20:01	WG1596446
Anthracene	U		0.00690	0.0388	1	12/24/2020 20:01	WG1596446
Benzo(a)anthracene	0.0360	J	0.00683	0.0388	1	12/24/2020 20:01	WG1596446
Benzo(b)fluoranthene	0.0429		0.00723	0.0388	1	12/24/2020 20:01	WG1596446
Benzo(k)fluoranthene	0.0156	J	0.00689	0.0388	1	12/24/2020 20:01	WG1596446
Benzo(g,h,i)perylene	0.0155	J	0.00709	0.0388	1	12/24/2020 20:01	WG1596446
Benzo(a)pyrene	0.0368	J	0.00720	0.0388	1	12/24/2020 20:01	WG1596446
Bis(2-chlorethoxy)methane	U		0.0116	0.388	1	12/24/2020 20:01	WG1596446
Bis(2-chloroethyl)ether	U		0.0128	0.388	1	12/24/2020 20:01	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0168	0.388	1	12/24/2020 20:01	WG1596446
4-Bromophenyl-phenylether	U		0.0136	0.388	1	12/24/2020 20:01	WG1596446
2-Chloronaphthalene	U		0.00681	0.0388	1	12/24/2020 20:01	WG1596446
4-Chlorophenyl-phenylether	U		0.0135	0.388	1	12/24/2020 20:01	WG1596446
Chrysene	0.0221	J	0.00770	0.0388	1	12/24/2020 20:01	WG1596446
Dibenz(a,h)anthracene	U		0.0107	0.0388	1	12/24/2020 20:01	WG1596446
3,3-Dichlorobenzidine	U		0.0143	0.388	1	12/24/2020 20:01	WG1596446
2,4-Dinitrotoluene	U		0.0111	0.388	1	12/24/2020 20:01	WG1596446
2,6-Dinitrotoluene	U		0.0127	0.388	1	12/24/2020 20:01	WG1596446
Fluoranthene	0.0469		0.00699	0.0388	1	12/24/2020 20:01	WG1596446
Fluorene	U		0.00631	0.0388	1	12/24/2020 20:01	WG1596446
Hexachlorobenzene	U		0.0137	0.388	1	12/24/2020 20:01	WG1596446
Hexachloro-1,3-butadiene	U		0.0130	0.388	1	12/24/2020 20:01	WG1596446
Hexachlorocyclopentadiene	U		0.0204	0.388	1	12/24/2020 20:01	WG1596446
Hexachloroethane	U		0.0152	0.388	1	12/24/2020 20:01	WG1596446
Indeno(1,2,3-cd)pyrene	0.0134	J	0.0110	0.0388	1	12/24/2020 20:01	WG1596446
Isophorone	U		0.0119	0.388	1	12/24/2020 20:01	WG1596446
Naphthalene	U		0.00973	0.0388	1	12/24/2020 20:01	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0135	0.388	1	12/24/2020 20:01	WG1596446
n-Nitrosodimethylamine	U		0.0575	0.388	1	12/24/2020 20:01	WG1596446
n-Nitrosodiphenylamine	U		0.0293	0.388	1	12/24/2020 20:01	WG1596446
n-Nitrosodi-n-propylamine	U		0.0129	0.388	1	12/24/2020 20:01	WG1596446
Phenanthrene	0.0220	J	0.00769	0.0388	1	12/24/2020 20:01	WG1596446
Pyridine	U		0.0256	0.388	1	12/24/2020 20:01	WG1596446
Benzylbutyl phthalate	U		0.0121	0.388	1	12/24/2020 20:01	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0491	0.388	1	12/24/2020 20:01	WG1596446
Di-n-butyl phthalate	U		0.0133	0.388	1	12/24/2020 20:01	WG1596446
Diethyl phthalate	U		0.0128	0.388	1	12/24/2020 20:01	WG1596446
Dimethyl phthalate	U		0.0822	0.388	1	12/24/2020 20:01	WG1596446
Di-n-octyl phthalate	U		0.0262	0.388	1	12/24/2020 20:01	WG1596446
Pyrene	0.0446		0.00754	0.0388	1	12/24/2020 20:01	WG1596446
1,2,4-Trichlorobenzene	U		0.0121	0.388	1	12/24/2020 20:01	WG1596446
4-Chloro-3-methylphenol	U		0.0126	0.388	1	12/24/2020 20:01	WG1596446
2-Chlorophenol	U		0.0128	0.388	1	12/24/2020 20:01	WG1596446
2,4-Dichlorophenol	U		0.0113	0.388	1	12/24/2020 20:01	WG1596446
2,4-Dimethylphenol	U		0.0101	0.388	1	12/24/2020 20:01	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0879	0.388	1	12/24/2020 20:01	WG1596446
2,4-Dinitrophenol	U		0.0907	0.388	1	12/24/2020 20:01	WG1596446
2-Methylphenol	U		0.0116	0.388	1	12/24/2020 20:01	WG1596446
3&4-Methyl Phenol	U		0.0121	0.388	1	12/24/2020 20:01	WG1596446
2-Nitrophenol	U		0.0139	0.388	1	12/24/2020 20:01	WG1596446
4-Nitrophenol	U		0.0121	0.388	1	12/24/2020 20:01	WG1596446
Pentachlorophenol	U		0.0104	0.388	1	12/24/2020 20:01	WG1596446
Phenol	U		0.0156	0.388	1	12/24/2020 20:01	WG1596446
2,4,6-Trichlorophenol	U		0.0125	0.388	1	12/24/2020 20:01	WG1596446
2,4,5-Trichlorophenol	U		0.0132	0.388	1	12/24/2020 20:01	WG1596446
(S) 2-Fluorophenol	*73.4*			*12.0-120*		*12/24/2020 20:01*	WG1596446
(S) Phenol-d5	*65.0*			*10.0-120*		*12/24/2020 20:01*	WG1596446
(S) Nitrobenzene-d5	*55.3*			*10.0-122*		*12/24/2020 20:01*	WG1596446
(S) 2-Fluorobiphenyl	*68.9*			*15.0-120*		*12/24/2020 20:01*	WG1596446
(S) 2,4,6-Tribromophenol	*94.1*			*10.0-127*		*12/24/2020 20:01*	WG1596446
(S) p-Terphenyl-d14	*71.3*			*10.0-120*		*12/24/2020 20:01*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.1		1	12/19/2020 09:48	WG1594417

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0574		0.0204	0.0454	1	01/02/2021 02:26	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.617	2.27	1	12/21/2020 06:23	WG1594450
Arsenic	6.39		0.588	2.27	1	12/21/2020 06:23	WG1594450
Barium	206		0.0967	0.567	1	12/21/2020 06:23	WG1594450
Beryllium	0.616		0.0357	0.227	1	12/21/2020 06:23	WG1594450
Cadmium	0.293	J	0.0534	0.567	1	12/21/2020 06:23	WG1594450
Chromium	76.9		0.151	1.13	1	12/21/2020 06:23	WG1594450
Cobalt	14.6		0.0920	1.13	1	12/21/2020 06:23	WG1594450
Copper	29.6		0.454	2.27	1	12/21/2020 06:23	WG1594450
Lead	8.32		0.236	0.567	1	12/21/2020 06:23	WG1594450
Molybdenum	0.247	J	0.124	0.567	1	12/21/2020 06:23	WG1594450
Nickel	94.6		0.150	2.27	1	12/21/2020 06:23	WG1594450
Selenium	U		0.867	2.27	1	12/21/2020 06:23	WG1594450
Silver	U		0.144	1.13	1	12/21/2020 06:23	WG1594450
Thallium	U		0.447	2.27	1	12/21/2020 06:23	WG1594450
Vanadium	64.5		0.574	2.27	1	12/21/2020 06:23	WG1594450
Zinc	71.9		0.944	5.67	1	12/21/2020 06:23	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	5.54		0.832	4.54	1	12/22/2020 19:19	WG1595950
C22-C32 Hydrocarbons	18.3		1.51	4.54	1	12/22/2020 19:19	WG1595950
C32-C40 Hydrocarbons	17.5		1.51	4.54	1	12/22/2020 19:19	WG1595950
(S) o-Terphenyl	*92.2*			*18.0-148*		*12/22/2020 19:19*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00796	0.0794	1	12/24/2020 02:02	WG1594825
Dalapon	U		0.0128	0.0794	1	12/24/2020 02:02	WG1594825
2,4-DB	U		0.0337	0.0794	1	12/24/2020 02:02	WG1594825
Dicamba	U		0.0178	0.0794	1	12/24/2020 02:02	WG1594825
Dichloroprop	U		0.0278	0.0794	1	12/24/2020 02:02	WG1594825
Dinoseb	U		0.00791	0.0794	1	12/24/2020 02:02	WG1594825
MCPA	U	J4	0.503	7.37	1	12/24/2020 02:02	WG1594825
MCPP	U	J4	0.416	7.37	1	12/24/2020 02:02	WG1594825
2,4,5-T	U		0.00967	0.0794	1	12/24/2020 02:02	WG1594825
2,4,5-TP (Silvex)	U		0.0121	0.0794	1	12/24/2020 02:02	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*53.6*			*22.0-132*		*12/24/2020 02:02*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0361	0.113	1	12/22/2020 15:54	WG1594289
Bolstar (Sulprofos)	U		0.0169	0.113	1	12/22/2020 15:54	WG1594289
Chlorpyrifos	U		0.0178	0.113	1	12/22/2020 15:54	WG1594289
Coumaphos	U		0.0276	0.113	1	12/22/2020 15:54	WG1594289
Demeton,-O and -S	U		0.00663	0.0794	1	12/22/2020 15:54	WG1594289
Diazinon	U		0.0255	0.113	1	12/22/2020 15:54	WG1594289
Dichlorvos	U		0.0340	0.113	1	12/22/2020 15:54	WG1594289
Dimethoate	U		0.0379	0.113	1	12/22/2020 15:54	WG1594289
Disulfoton	U		0.0288	0.113	1	12/22/2020 15:54	WG1594289
EPN	U		0.0313	0.113	1	12/22/2020 15:54	WG1594289
Ethoprop	U		0.0134	0.113	1	12/22/2020 15:54	WG1594289
Ethyl Parathion	U		0.0186	0.113	1	12/22/2020 15:54	WG1594289
Fensulfothion	U		0.0400	0.113	1	12/22/2020 15:54	WG1594289
Fenthion	U		0.0151	0.113	1	12/22/2020 15:54	WG1594289
Malathion	U		0.0203	0.113	1	12/22/2020 15:54	WG1594289
Merphos	U	J3	0.0263	0.113	1	12/22/2020 15:54	WG1594289
Methyl parathion	U		0.0230	0.113	1	12/22/2020 15:54	WG1594289
Mevinphos	U		0.0261	0.113	1	12/22/2020 15:54	WG1594289
Naled	U		0.0545	0.113	1	12/22/2020 15:54	WG1594289
Phorate	U		0.0238	0.113	1	12/22/2020 15:54	WG1594289
Ronnel	U		0.0169	0.113	1	12/22/2020 15:54	WG1594289
Stirophos	U		0.0202	0.113	1	12/22/2020 15:54	WG1594289
Sulfotep	U		0.0112	0.113	1	12/22/2020 15:54	WG1594289
TEPP	U	J4	0.178	1.13	1	12/22/2020 15:54	WG1594289
Tokuthion (Prothothiofos)	U		0.0170	0.113	1	12/22/2020 15:54	WG1594289
Trichloronate	U		0.0228	0.113	1	12/22/2020 15:54	WG1594289
(S) Triphenyl Phosphate	*76.7*			*36.0-121*		*12/22/2020 15:54*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00427	0.0227	1	12/24/2020 15:43	WG1597068
Alpha BHC	U		0.00418	0.0227	1	12/24/2020 15:43	WG1597068
Beta BHC	U		0.00430	0.0227	1	12/24/2020 15:43	WG1597068
Delta BHC	U		0.00393	0.0227	1	12/24/2020 15:43	WG1597068
Gamma BHC	U		0.00390	0.0227	1	12/24/2020 15:43	WG1597068
4,4-DDD	0.00614	J	0.00420	0.0227	1	12/24/2020 15:43	WG1597068
4,4-DDE	0.0652		0.00415	0.0227	1	12/24/2020 15:43	WG1597068
4,4-DDT	0.0606		0.00711	0.0227	1	12/28/2020 13:34	WG1597068
Dieldrin	0.00823	J	0.00390	0.0227	1	12/24/2020 15:43	WG1597068
Endosulfan I	U		0.00412	0.0227	1	12/24/2020 15:43	WG1597068
Endosulfan II	U		0.00380	0.0227	1	12/24/2020 15:43	WG1597068
Endosulfan sulfate	U		0.00413	0.0227	1	12/24/2020 15:43	WG1597068
Endrin	U		0.00397	0.0227	1	12/24/2020 15:43	WG1597068
Endrin aldehyde	U		0.00385	0.0227	1	12/24/2020 15:43	WG1597068
Endrin ketone	U		0.00807	0.0227	1	12/24/2020 15:43	WG1597068
Heptachlor	U		0.00486	0.0227	1	12/24/2020 15:43	WG1597068
Heptachlor epoxide	U		0.00385	0.0227	1	12/24/2020 15:43	WG1597068
Hexachlorobenzene	U		0.00393	0.0227	1	12/24/2020 15:43	WG1597068
Methoxychlor	U		0.00549	0.0227	1	12/24/2020 15:43	WG1597068
Chlordane	0.300	J	0.117	0.340	1	12/24/2020 15:43	WG1597068
Toxaphene	U		0.141	0.454	1	12/24/2020 15:43	WG1597068
(S) Decachlorobiphenyl	*124*			*10.0-135*		*12/28/2020 13:34*	WG1597068
(S) Decachlorobiphenyl	*122*			*10.0-135*		*12/24/2020 15:43*	WG1597068
(S) Tetrachloro-m-xylene	*99.1*			*10.0-139*		*12/24/2020 15:43*	WG1597068
(S) Tetrachloro-m-xylene	*130*			*10.0-139*		*12/28/2020 13:34*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.5		1	12/19/2020 09:48	WG1594417

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.86	B J Q	1.10	3.32	25.3	12/30/2020 02:27	WG1598560
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*77.0-120*		*12/30/2020 02:27*	WG1598560

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0484	0.0662	1.01	12/21/2020 18:25	WG1595115
Acrylonitrile	U		0.00479	0.0165	1.01	12/21/2020 18:25	WG1595115
Benzene	U		0.000619	0.00132	1.01	12/21/2020 18:25	WG1595115
Bromobenzene	U		0.00119	0.0165	1.01	12/21/2020 18:25	WG1595115
Bromodichloromethane	U		0.000960	0.00332	1.01	12/21/2020 18:25	WG1595115
Bromoform	U		0.00155	0.0332	1.01	12/21/2020 18:25	WG1595115
Bromomethane	U		0.00261	0.0165	1.01	12/21/2020 18:25	WG1595115
n-Butylbenzene	U		0.00695	0.0165	1.01	12/21/2020 18:25	WG1595115
sec-Butylbenzene	U		0.00382	0.0165	1.01	12/21/2020 18:25	WG1595115
tert-Butylbenzene	U		0.00258	0.00662	1.01	12/21/2020 18:25	WG1595115
Carbon tetrachloride	U		0.00119	0.00662	1.01	12/21/2020 18:25	WG1595115
Chlorobenzene	U		0.000278	0.00332	1.01	12/21/2020 18:25	WG1595115
Chlorodibromomethane	U		0.000811	0.00332	1.01	12/21/2020 18:25	WG1595115
Chloroethane	U		0.00226	0.00662	1.01	12/21/2020 18:25	WG1595115
Chloroform	U		0.00136	0.00332	1.01	12/21/2020 18:25	WG1595115
Chloromethane	U		0.00576	0.0165	1.01	12/21/2020 18:25	WG1595115
2-Chlorotoluene	U		0.00115	0.00332	1.01	12/21/2020 18:25	WG1595115
4-Chlorotoluene	U		0.000597	0.00662	1.01	12/21/2020 18:25	WG1595115
1,2-Dibromo-3-Chloropropane	U		0.00517	0.0332	1.01	12/21/2020 18:25	WG1595115
1,2-Dibromoethane	U		0.000858	0.00332	1.01	12/21/2020 18:25	WG1595115
Dibromomethane	U		0.000993	0.00662	1.01	12/21/2020 18:25	WG1595115
1,2-Dichlorobenzene	U		0.000563	0.00662	1.01	12/21/2020 18:25	WG1595115
1,3-Dichlorobenzene	U		0.000795	0.00662	1.01	12/21/2020 18:25	WG1595115
1,4-Dichlorobenzene	U		0.000927	0.00662	1.01	12/21/2020 18:25	WG1595115
Dichlorodifluoromethane	U	J3	0.00214	0.00332	1.01	12/21/2020 18:25	WG1595115
1,1-Dichloroethane	U		0.000651	0.00332	1.01	12/21/2020 18:25	WG1595115
1,2-Dichloroethane	U		0.000859	0.00332	1.01	12/21/2020 18:25	WG1595115
1,1-Dichloroethene	U		0.000803	0.00332	1.01	12/21/2020 18:25	WG1595115
cis-1,2-Dichloroethene	U		0.000972	0.00332	1.01	12/21/2020 18:25	WG1595115
trans-1,2-Dichloroethene	U		0.00138	0.00662	1.01	12/21/2020 18:25	WG1595115
1,2-Dichloropropane	U		0.00188	0.00662	1.01	12/21/2020 18:25	WG1595115
1,1-Dichloropropene	U		0.00107	0.00332	1.01	12/21/2020 18:25	WG1595115
1,3-Dichloropropane	U		0.000664	0.00662	1.01	12/21/2020 18:25	WG1595115
cis-1,3-Dichloropropene	U		0.00100	0.00332	1.01	12/21/2020 18:25	WG1595115
trans-1,3-Dichloropropene	U		0.00151	0.00662	1.01	12/21/2020 18:25	WG1595115
2,2-Dichloropropane	U		0.00182	0.00332	1.01	12/21/2020 18:25	WG1595115
Di-isopropyl ether	U		0.000543	0.00132	1.01	12/21/2020 18:25	WG1595115
Ethylbenzene	U		0.000976	0.00332	1.01	12/21/2020 18:25	WG1595115
Hexachloro-1,3-butadiene	U		0.00795	0.0332	1.01	12/21/2020 18:25	WG1595115
Isopropylbenzene	U		0.000563	0.00332	1.01	12/21/2020 18:25	WG1595115
p-Isopropyltoluene	U		0.00338	0.00662	1.01	12/21/2020 18:25	WG1595115
2-Butanone (MEK)	U		0.0841	0.132	1.01	12/21/2020 18:25	WG1595115
Methylene Chloride	U		0.00880	0.0332	1.01	12/21/2020 18:25	WG1595115
4-Methyl-2-pentanone (MIBK)	U		0.00302	0.0332	1.01	12/21/2020 18:25	WG1595115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000463	0.00132	1.01	12/21/2020 18:25	WG1595115
Naphthalene	U		0.00647	0.0165	1.01	12/21/2020 18:25	WG1595115
n-Propylbenzene	U		0.00126	0.00662	1.01	12/21/2020 18:25	WG1595115
Styrene	U		0.000303	0.0165	1.01	12/21/2020 18:25	WG1595115
1,1,1,2-Tetrachloroethane	U		0.00126	0.00332	1.01	12/21/2020 18:25	WG1595115
1,1,2,2-Tetrachloroethane	U		0.000921	0.00332	1.01	12/21/2020 18:25	WG1595115
1,1,2-Trichlorotrifluoroethane	U	J3	0.00100	0.00332	1.01	12/21/2020 18:25	WG1595115
Tetrachloroethene	U		0.00119	0.00332	1.01	12/21/2020 18:25	WG1595115
Toluene	U		0.00172	0.00662	1.01	12/21/2020 18:25	WG1595115
1,2,3-Trichlorobenzene	U		0.00971	0.0165	1.01	12/21/2020 18:25	WG1595115
1,2,4-Trichlorobenzene	U		0.00582	0.0165	1.01	12/21/2020 18:25	WG1595115
1,1,1-Trichloroethane	U		0.00122	0.00332	1.01	12/21/2020 18:25	WG1595115
1,1,2-Trichloroethane	U		0.000791	0.00332	1.01	12/21/2020 18:25	WG1595115
Trichloroethene	U		0.000774	0.00132	1.01	12/21/2020 18:25	WG1595115
Trichlorofluoromethane	U	J3	0.00110	0.00332	1.01	12/21/2020 18:25	WG1595115
1,2,3-Trichloropropane	U		0.00215	0.0165	1.01	12/21/2020 18:25	WG1595115
1,2,4-Trimethylbenzene	U		0.00210	0.00662	1.01	12/21/2020 18:25	WG1595115
1,2,3-Trimethylbenzene	U	J4	0.00210	0.00662	1.01	12/21/2020 18:25	WG1595115
1,3,5-Trimethylbenzene	U		0.00265	0.00662	1.01	12/21/2020 18:25	WG1595115
Vinyl chloride	U		0.00153	0.00332	1.01	12/21/2020 18:25	WG1595115
Xylenes, Total	U		0.00117	0.00861	1.01	12/21/2020 18:25	WG1595115
(S) Toluene-d8	*101*			*75.0-131*		*12/21/2020 18:25*	WG1595115
(S) 4-Bromofluorobenzene	*99.3*			*67.0-138*		*12/21/2020 18:25*	WG1595115
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*12/21/2020 18:25*	WG1595115

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00623	0.0385	1	12/24/2020 21:02	WG1596446
Acenaphthylene	U		0.00542	0.0385	1	12/24/2020 21:02	WG1596446
Anthracene	U		0.00686	0.0385	1	12/24/2020 21:02	WG1596446
Benzo(a)anthracene	U		0.00679	0.0385	1	12/24/2020 21:02	WG1596446
Benzo(b)fluoranthene	U		0.00718	0.0385	1	12/24/2020 21:02	WG1596446
Benzo(k)fluoranthene	U		0.00685	0.0385	1	12/24/2020 21:02	WG1596446
Benzo(g,h,i)perylene	U		0.00704	0.0385	1	12/24/2020 21:02	WG1596446
Benzo(a)pyrene	U		0.00716	0.0385	1	12/24/2020 21:02	WG1596446
Bis(2-chlorethoxy)methane	U		0.0116	0.385	1	12/24/2020 21:02	WG1596446
Bis(2-chloroethyl)ether	U		0.0127	0.385	1	12/24/2020 21:02	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0167	0.385	1	12/24/2020 21:02	WG1596446
4-Bromophenyl-phenylether	U		0.0135	0.385	1	12/24/2020 21:02	WG1596446
2-Chloronaphthalene	U		0.00677	0.0385	1	12/24/2020 21:02	WG1596446
4-Chlorophenyl-phenylether	U		0.0134	0.385	1	12/24/2020 21:02	WG1596446
Chrysene	U		0.00766	0.0385	1	12/24/2020 21:02	WG1596446
Dibenz(a,h)anthracene	U		0.0107	0.0385	1	12/24/2020 21:02	WG1596446
3,3-Dichlorobenzidine	U		0.0142	0.385	1	12/24/2020 21:02	WG1596446
2,4-Dinitrotoluene	U		0.0110	0.385	1	12/24/2020 21:02	WG1596446
2,6-Dinitrotoluene	U		0.0126	0.385	1	12/24/2020 21:02	WG1596446
Fluoranthene	U		0.00695	0.0385	1	12/24/2020 21:02	WG1596446
Fluorene	U		0.00627	0.0385	1	12/24/2020 21:02	WG1596446
Hexachlorobenzene	U		0.0136	0.385	1	12/24/2020 21:02	WG1596446
Hexachloro-1,3-butadiene	U		0.0130	0.385	1	12/24/2020 21:02	WG1596446
Hexachlorocyclopentadiene	U		0.0202	0.385	1	12/24/2020 21:02	WG1596446
Hexachloroethane	U		0.0152	0.385	1	12/24/2020 21:02	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0109	0.0385	1	12/24/2020 21:02	WG1596446
Isophorone	U		0.0118	0.385	1	12/24/2020 21:02	WG1596446
Naphthalene	U		0.00967	0.0385	1	12/24/2020 21:02	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0134	0.385	1	12/24/2020 21:02	WG1596446
n-Nitrosodimethylamine	U		0.0571	0.385	1	12/24/2020 21:02	WG1596446
n-Nitrosodiphenylamine	U		0.0291	0.385	1	12/24/2020 21:02	WG1596446
n-Nitrosodi-n-propylamine	U		0.0128	0.385	1	12/24/2020 21:02	WG1596446
Phenanthrene	U		0.00765	0.0385	1	12/24/2020 21:02	WG1596446
Pyridine	U		0.0254	0.385	1	12/24/2020 21:02	WG1596446
Benzylbutyl phthalate	U		0.0120	0.385	1	12/24/2020 21:02	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0488	0.385	1	12/24/2020 21:02	WG1596446
Di-n-butyl phthalate	U		0.0132	0.385	1	12/24/2020 21:02	WG1596446
Diethyl phthalate	U		0.0127	0.385	1	12/24/2020 21:02	WG1596446
Dimethyl phthalate	U		0.0817	0.385	1	12/24/2020 21:02	WG1596446
Di-n-octyl phthalate	U		0.0260	0.385	1	12/24/2020 21:02	WG1596446
Pyrene	U		0.00749	0.0385	1	12/24/2020 21:02	WG1596446
1,2,4-Trichlorobenzene	U		0.0120	0.385	1	12/24/2020 21:02	WG1596446
4-Chloro-3-methylphenol	U		0.0125	0.385	1	12/24/2020 21:02	WG1596446
2-Chlorophenol	U		0.0127	0.385	1	12/24/2020 21:02	WG1596446
2,4-Dichlorophenol	U		0.0112	0.385	1	12/24/2020 21:02	WG1596446
2,4-Dimethylphenol	U		0.0101	0.385	1	12/24/2020 21:02	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0873	0.385	1	12/24/2020 21:02	WG1596446
2,4-Dinitrophenol	U		0.0901	0.385	1	12/24/2020 21:02	WG1596446
2-Methylphenol	U		0.0116	0.385	1	12/24/2020 21:02	WG1596446
3&4-Methyl Phenol	U		0.0120	0.385	1	12/24/2020 21:02	WG1596446
2-Nitrophenol	U		0.0138	0.385	1	12/24/2020 21:02	WG1596446
4-Nitrophenol	U		0.0120	0.385	1	12/24/2020 21:02	WG1596446
Pentachlorophenol	U		0.0104	0.385	1	12/24/2020 21:02	WG1596446
Phenol	U		0.0155	0.385	1	12/24/2020 21:02	WG1596446
2,4,6-Trichlorophenol	U		0.0124	0.385	1	12/24/2020 21:02	WG1596446
2,4,5-Trichlorophenol	U		0.0131	0.385	1	12/24/2020 21:02	WG1596446
(S) 2-Fluorophenol	*71.1*			*12.0-120*		*12/24/2020 21:02*	WG1596446
(S) Phenol-d5	*62.6*			*10.0-120*		*12/24/2020 21:02*	WG1596446
(S) Nitrobenzene-d5	*59.7*			*10.0-122*		*12/24/2020 21:02*	WG1596446
(S) 2-Fluorobiphenyl	*69.5*			*15.0-120*		*12/24/2020 21:02*	WG1596446
(S) 2,4,6-Tribromophenol	*96.8*			*10.0-127*		*12/24/2020 21:02*	WG1596446
(S) p-Terphenyl-d14	*73.2*			*10.0-120*		*12/24/2020 21:02*	WG1596446

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.8		1	12/19/2020 09:48	WG1594417

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0537		0.0203	0.0451	1	01/02/2021 02:28	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.613	2.25	1	12/21/2020 06:25	WG1594450
Arsenic	4.03		0.583	2.25	1	12/21/2020 06:25	WG1594450
Barium	358		0.0960	0.563	1	12/21/2020 06:25	WG1594450
Beryllium	0.485		0.0355	0.225	1	12/21/2020 06:25	WG1594450
Cadmium	0.176	J	0.0531	0.563	1	12/21/2020 06:25	WG1594450
Chromium	79.0		0.150	1.13	1	12/21/2020 06:25	WG1594450
Cobalt	11.0		0.0913	1.13	1	12/21/2020 06:25	WG1594450
Copper	22.9		0.451	2.25	1	12/21/2020 06:25	WG1594450
Lead	5.30		0.234	0.563	1	12/21/2020 06:25	WG1594450
Molybdenum	U		0.123	0.563	1	12/21/2020 06:25	WG1594450
Nickel	113		0.149	2.25	1	12/21/2020 06:25	WG1594450
Selenium	U		0.861	2.25	1	12/21/2020 06:25	WG1594450
Silver	U		0.143	1.13	1	12/21/2020 06:25	WG1594450
Thallium	U		0.444	2.25	1	12/21/2020 06:25	WG1594450
Vanadium	57.5		0.570	2.25	1	12/21/2020 06:25	WG1594450
Zinc	52.6		0.937	5.63	1	12/21/2020 06:25	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	3.75	J	0.826	4.51	1	12/22/2020 19:33	WG1595950
C22-C32 Hydrocarbons	8.37		1.50	4.51	1	12/22/2020 19:33	WG1595950
C32-C40 Hydrocarbons	9.30		1.50	4.51	1	12/22/2020 19:33	WG1595950
(S) o-Terphenyl	*79.0*			*18.0-148*		*12/22/2020 19:33*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00791	0.0788	1	12/24/2020 02:16	WG1594825
Dalapon	U		0.0127	0.0788	1	12/24/2020 02:16	WG1594825
2,4-DB	U		0.0335	0.0788	1	12/24/2020 02:16	WG1594825
Dicamba	U		0.0177	0.0788	1	12/24/2020 02:16	WG1594825
Dichloroprop	U		0.0276	0.0788	1	12/24/2020 02:16	WG1594825
Dinoseb	U		0.00785	0.0788	1	12/24/2020 02:16	WG1594825
MCPA	U	J4	0.499	7.32	1	12/24/2020 02:16	WG1594825
MCPP	U	J4	0.413	7.32	1	12/24/2020 02:16	WG1594825
2,4,5-T	U		0.00960	0.0788	1	12/24/2020 02:16	WG1594825
2,4,5-TP (Silvex)	U		0.0121	0.0788	1	12/24/2020 02:16	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*55.4*			*22.0-132*		*12/24/2020 02:16*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0358	0.113	1	12/22/2020 22:32	WG1594289
Bolstar (Sulprofos)	U		0.0168	0.113	1	12/22/2020 22:32	WG1594289
Chlorpyrifos	U		0.0177	0.113	1	12/22/2020 22:32	WG1594289
Coumaphos	U		0.0274	0.113	1	12/22/2020 22:32	WG1594289
Demeton,-O and -S	U		0.00658	0.0788	1	12/22/2020 22:32	WG1594289
Diazinon	U		0.0253	0.113	1	12/22/2020 22:32	WG1594289
Dichlorvos	U		0.0338	0.113	1	12/22/2020 22:32	WG1594289
Dimethoate	U		0.0376	0.113	1	12/22/2020 22:32	WG1594289
Disulfoton	U		0.0286	0.113	1	12/22/2020 22:32	WG1594289
EPN	U		0.0311	0.113	1	12/22/2020 22:32	WG1594289
Ethoprop	U		0.0133	0.113	1	12/22/2020 22:32	WG1594289
Ethyl Parathion	U		0.0185	0.113	1	12/22/2020 22:32	WG1594289
Fensulfothion	U		0.0398	0.113	1	12/22/2020 22:32	WG1594289
Fenthion	U		0.0150	0.113	1	12/22/2020 22:32	WG1594289
Malathion	U		0.0202	0.113	1	12/22/2020 22:32	WG1594289
Merphos	U		0.0261	0.113	1	12/22/2020 22:32	WG1594289
Methyl parathion	U		0.0229	0.113	1	12/22/2020 22:32	WG1594289
Mevinphos	U		0.0259	0.113	1	12/22/2020 22:32	WG1594289
Naled	U		0.0541	0.113	1	12/22/2020 22:32	WG1594289
Phorate	U		0.0237	0.113	1	12/22/2020 22:32	WG1594289
Ronnel	U		0.0168	0.113	1	12/22/2020 22:32	WG1594289
Stirophos	U		0.0200	0.113	1	12/22/2020 22:32	WG1594289
Sulfotep	U		0.0111	0.113	1	12/22/2020 22:32	WG1594289
TEPP	U	J4	0.177	1.13	1	12/22/2020 22:32	WG1594289
Tokuthion (Prothothiofos)	U		0.0169	0.113	1	12/22/2020 22:32	WG1594289
Trichloronate	U		0.0226	0.113	1	12/22/2020 22:32	WG1594289
(S) Triphenyl Phosphate	*96.9*			*36.0-121*		*12/22/2020 22:32*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00424	0.0225	1	12/24/2020 15:56	WG1597068
Alpha BHC	U		0.00415	0.0225	1	12/24/2020 15:56	WG1597068
Beta BHC	U		0.00427	0.0225	1	12/24/2020 15:56	WG1597068
Delta BHC	U		0.00390	0.0225	1	12/24/2020 15:56	WG1597068
Gamma BHC	U		0.00387	0.0225	1	12/24/2020 15:56	WG1597068
4,4-DDD	U		0.00417	0.0225	1	12/24/2020 15:56	WG1597068
4,4-DDE	0.00497	J	0.00412	0.0225	1	12/24/2020 15:56	WG1597068
4,4-DDT	U		0.00706	0.0225	1	12/24/2020 15:56	WG1597068
Dieldrin	U		0.00387	0.0225	1	12/24/2020 15:56	WG1597068
Endosulfan I	U		0.00409	0.0225	1	12/24/2020 15:56	WG1597068
Endosulfan II	U		0.00377	0.0225	1	12/24/2020 15:56	WG1597068
Endosulfan sulfate	U		0.00410	0.0225	1	12/24/2020 15:56	WG1597068
Endrin	U		0.00394	0.0225	1	12/24/2020 15:56	WG1597068
Endrin aldehyde	U		0.00382	0.0225	1	12/24/2020 15:56	WG1597068
Endrin ketone	U		0.00801	0.0225	1	12/24/2020 15:56	WG1597068
Heptachlor	U		0.00482	0.0225	1	12/24/2020 15:56	WG1597068
Heptachlor epoxide	U		0.00382	0.0225	1	12/24/2020 15:56	WG1597068
Hexachlorobenzene	U		0.00390	0.0225	1	12/24/2020 15:56	WG1597068
Methoxychlor	U		0.00545	0.0225	1	12/24/2020 15:56	WG1597068
Chlordane	U		0.116	0.338	1	12/24/2020 15:56	WG1597068
Toxaphene	U		0.140	0.451	1	12/24/2020 15:56	WG1597068
(S) Decachlorobiphenyl	*112*			*10.0-135*		*12/24/2020 15:56*	WG1597068
(S) Tetrachloro-m-xylene	*97.7*			*10.0-139*		*12/24/2020 15:56*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.5		1	12/19/2020 09:48	WG1594417

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.61	B J	1.09	3.28	25	12/27/2020 15:05	WG1597621
(S) a,a,a-Trifluorotoluene(FID)	*97.3*			*77.0-120*		*12/27/2020 15:05*	WG1597621

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0479	0.0656	1	12/21/2020 18:44	WG1595115
Acrylonitrile	U		0.00474	0.0164	1	12/21/2020 18:44	WG1595115
Benzene	U		0.000613	0.00131	1	12/21/2020 18:44	WG1595115
Bromobenzene	U		0.00118	0.0164	1	12/21/2020 18:44	WG1595115
Bromodichloromethane	U		0.000952	0.00328	1	12/21/2020 18:44	WG1595115
Bromoform	U		0.00154	0.0328	1	12/21/2020 18:44	WG1595115
Bromomethane	U		0.00259	0.0164	1	12/21/2020 18:44	WG1595115
n-Butylbenzene	U		0.00689	0.0164	1	12/21/2020 18:44	WG1595115
sec-Butylbenzene	U		0.00378	0.0164	1	12/21/2020 18:44	WG1595115
tert-Butylbenzene	U		0.00256	0.00656	1	12/21/2020 18:44	WG1595115
Carbon tetrachloride	U		0.00118	0.00656	1	12/21/2020 18:44	WG1595115
Chlorobenzene	U		0.000276	0.00328	1	12/21/2020 18:44	WG1595115
Chlorodibromomethane	U		0.000803	0.00328	1	12/21/2020 18:44	WG1595115
Chloroethane	U		0.00223	0.00656	1	12/21/2020 18:44	WG1595115
Chloroform	U		0.00135	0.00328	1	12/21/2020 18:44	WG1595115
Chloromethane	U		0.00571	0.0164	1	12/21/2020 18:44	WG1595115
2-Chlorotoluene	U		0.00114	0.00328	1	12/21/2020 18:44	WG1595115
4-Chlorotoluene	U		0.000591	0.00656	1	12/21/2020 18:44	WG1595115
1,2-Dibromo-3-Chloropropane	U		0.00512	0.0328	1	12/21/2020 18:44	WG1595115
1,2-Dibromoethane	U		0.000851	0.00328	1	12/21/2020 18:44	WG1595115
Dibromomethane	U		0.000984	0.00656	1	12/21/2020 18:44	WG1595115
1,2-Dichlorobenzene	U		0.000558	0.00656	1	12/21/2020 18:44	WG1595115
1,3-Dichlorobenzene	U		0.000788	0.00656	1	12/21/2020 18:44	WG1595115
1,4-Dichlorobenzene	U		0.000919	0.00656	1	12/21/2020 18:44	WG1595115
Dichlorodifluoromethane	U	J3	0.00211	0.00328	1	12/21/2020 18:44	WG1595115
1,1-Dichloroethane	U		0.000644	0.00328	1	12/21/2020 18:44	WG1595115
1,2-Dichloroethane	U		0.000852	0.00328	1	12/21/2020 18:44	WG1595115
1,1-Dichloroethene	U		0.000795	0.00328	1	12/21/2020 18:44	WG1595115
cis-1,2-Dichloroethene	U		0.000963	0.00328	1	12/21/2020 18:44	WG1595115
trans-1,2-Dichloroethene	U		0.00137	0.00656	1	12/21/2020 18:44	WG1595115
1,2-Dichloropropane	U		0.00186	0.00656	1	12/21/2020 18:44	WG1595115
1,1-Dichloropropene	U		0.00106	0.00328	1	12/21/2020 18:44	WG1595115
1,3-Dichloropropane	U		0.000658	0.00656	1	12/21/2020 18:44	WG1595115
cis-1,3-Dichloropropene	U		0.000994	0.00328	1	12/21/2020 18:44	WG1595115
trans-1,3-Dichloropropene	U		0.00150	0.00656	1	12/21/2020 18:44	WG1595115
2,2-Dichloropropane	U		0.00181	0.00328	1	12/21/2020 18:44	WG1595115
Di-isopropyl ether	U		0.000538	0.00131	1	12/21/2020 18:44	WG1595115
Ethylbenzene	U		0.000967	0.00328	1	12/21/2020 18:44	WG1595115
Hexachloro-1,3-butadiene	U		0.00788	0.0328	1	12/21/2020 18:44	WG1595115
Isopropylbenzene	U		0.000558	0.00328	1	12/21/2020 18:44	WG1595115
p-Isopropyltoluene	U		0.00335	0.00656	1	12/21/2020 18:44	WG1595115
2-Butanone (MEK)	U		0.0833	0.131	1	12/21/2020 18:44	WG1595115
Methylene Chloride	U		0.00872	0.0328	1	12/21/2020 18:44	WG1595115
4-Methyl-2-pentanone (MIBK)	U		0.00299	0.0328	1	12/21/2020 18:44	WG1595115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000459	0.00131	1	12/21/2020 18:44	WG1595115
Naphthalene	U		0.00641	0.0164	1	12/21/2020 18:44	WG1595115
n-Propylbenzene	U		0.00125	0.00656	1	12/21/2020 18:44	WG1595115
Styrene	U		0.000301	0.0164	1	12/21/2020 18:44	WG1595115
1,1,1,2-Tetrachloroethane	U		0.00124	0.00328	1	12/21/2020 18:44	WG1595115
1,1,2,2-Tetrachloroethane	U		0.000912	0.00328	1	12/21/2020 18:44	WG1595115
1,1,2-Trichlorotrifluoroethane	U	J3	0.000990	0.00328	1	12/21/2020 18:44	WG1595115
Tetrachloroethene	U		0.00118	0.00328	1	12/21/2020 18:44	WG1595115
Toluene	U		0.00171	0.00656	1	12/21/2020 18:44	WG1595115
1,2,3-Trichlorobenzene	U		0.00962	0.0164	1	12/21/2020 18:44	WG1595115
1,2,4-Trichlorobenzene	U		0.00578	0.0164	1	12/21/2020 18:44	WG1595115
1,1,1-Trichloroethane	U		0.00121	0.00328	1	12/21/2020 18:44	WG1595115
1,1,2-Trichloroethane	U		0.000784	0.00328	1	12/21/2020 18:44	WG1595115
Trichloroethene	U		0.000767	0.00131	1	12/21/2020 18:44	WG1595115
Trichlorofluoromethane	U	J3	0.00109	0.00328	1	12/21/2020 18:44	WG1595115
1,2,3-Trichloropropane	U		0.00213	0.0164	1	12/21/2020 18:44	WG1595115
1,2,4-Trimethylbenzene	U		0.00207	0.00656	1	12/21/2020 18:44	WG1595115
1,2,3-Trimethylbenzene	U	J4	0.00207	0.00656	1	12/21/2020 18:44	WG1595115
1,3,5-Trimethylbenzene	U		0.00263	0.00656	1	12/21/2020 18:44	WG1595115
Vinyl chloride	U		0.00152	0.00328	1	12/21/2020 18:44	WG1595115
Xylenes, Total	U		0.00116	0.00853	1	12/21/2020 18:44	WG1595115
(S) Toluene-d8	*102*			*75.0-131*		*12/21/2020 18:44*	WG1595115
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*12/21/2020 18:44*	WG1595115
(S) 1,2-Dichloroethane-d4	*91.6*			*70.0-130*		*12/21/2020 18:44*	WG1595115

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00616	0.0380	1	12/24/2020 17:57	WG1596446
Acenaphthylene	U		0.00536	0.0380	1	12/24/2020 17:57	WG1596446
Anthracene	U		0.00677	0.0380	1	12/24/2020 17:57	WG1596446
Benzo(a)anthracene	U		0.00671	0.0380	1	12/24/2020 17:57	WG1596446
Benzo(b)fluoranthene	U		0.00709	0.0380	1	12/24/2020 17:57	WG1596446
Benzo(k)fluoranthene	U		0.00676	0.0380	1	12/24/2020 17:57	WG1596446
Benzo(g,h,i)perylene	U		0.00696	0.0380	1	12/24/2020 17:57	WG1596446
Benzo(a)pyrene	U		0.00707	0.0380	1	12/24/2020 17:57	WG1596446
Bis(2-chlorethoxy)methane	U		0.0114	0.380	1	12/24/2020 17:57	WG1596446
Bis(2-chloroethyl)ether	U		0.0126	0.380	1	12/24/2020 17:57	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0164	0.380	1	12/24/2020 17:57	WG1596446
4-Bromophenyl-phenylether	U		0.0134	0.380	1	12/24/2020 17:57	WG1596446
2-Chloronaphthalene	U		0.00668	0.0380	1	12/24/2020 17:57	WG1596446
4-Chlorophenyl-phenylether	U		0.0133	0.380	1	12/24/2020 17:57	WG1596446
Chrysene	U		0.00756	0.0380	1	12/24/2020 17:57	WG1596446
Dibenz(a,h)anthracene	U		0.0105	0.0380	1	12/24/2020 17:57	WG1596446
3,3-Dichlorobenzidine	U		0.0140	0.380	1	12/24/2020 17:57	WG1596446
2,4-Dinitrotoluene	U		0.0109	0.380	1	12/24/2020 17:57	WG1596446
2,6-Dinitrotoluene	U		0.0125	0.380	1	12/24/2020 17:57	WG1596446
Fluoranthene	U		0.00686	0.0380	1	12/24/2020 17:57	WG1596446
Fluorene	U		0.00619	0.0380	1	12/24/2020 17:57	WG1596446
Hexachlorobenzene	U		0.0135	0.380	1	12/24/2020 17:57	WG1596446
Hexachloro-1,3-butadiene	U		0.0128	0.380	1	12/24/2020 17:57	WG1596446
Hexachlorocyclopentadiene	U		0.0200	0.380	1	12/24/2020 17:57	WG1596446
Hexachloroethane	U		0.0150	0.380	1	12/24/2020 17:57	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0107	0.0380	1	12/24/2020 17:57	WG1596446
Isophorone	U		0.0117	0.380	1	12/24/2020 17:57	WG1596446
Naphthalene	U		0.00955	0.0380	1	12/24/2020 17:57	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0133	0.380	1	12/24/2020 17:57	WG1596446
n-Nitrosodimethylamine	U		0.0564	0.380	1	12/24/2020 17:57	WG1596446
n-Nitrosodiphenylamine	U		0.0288	0.380	1	12/24/2020 17:57	WG1596446
n-Nitrosodi-n-propylamine	U		0.0127	0.380	1	12/24/2020 17:57	WG1596446
Phenanthrene	U		0.00755	0.0380	1	12/24/2020 17:57	WG1596446
Pyridine	U		0.0251	0.380	1	12/24/2020 17:57	WG1596446
Benzylbutyl phthalate	U		0.0119	0.380	1	12/24/2020 17:57	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0482	0.380	1	12/24/2020 17:57	WG1596446
Di-n-butyl phthalate	U		0.0130	0.380	1	12/24/2020 17:57	WG1596446
Diethyl phthalate	U		0.0126	0.380	1	12/24/2020 17:57	WG1596446
Dimethyl phthalate	U		0.0806	0.380	1	12/24/2020 17:57	WG1596446
Di-n-octyl phthalate	U		0.0257	0.380	1	12/24/2020 17:57	WG1596446
Pyrene	U		0.00740	0.0380	1	12/24/2020 17:57	WG1596446
1,2,4-Trichlorobenzene	U		0.0119	0.380	1	12/24/2020 17:57	WG1596446
4-Chloro-3-methylphenol	U		0.0123	0.380	1	12/24/2020 17:57	WG1596446
2-Chlorophenol	U		0.0126	0.380	1	12/24/2020 17:57	WG1596446
2,4-Dichlorophenol	U		0.0111	0.380	1	12/24/2020 17:57	WG1596446
2,4-Dimethylphenol	U		0.00994	0.380	1	12/24/2020 17:57	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0862	0.380	1	12/24/2020 17:57	WG1596446
2,4-Dinitrophenol	U		0.0890	0.380	1	12/24/2020 17:57	WG1596446
2-Methylphenol	U		0.0114	0.380	1	12/24/2020 17:57	WG1596446
3&4-Methyl Phenol	U		0.0119	0.380	1	12/24/2020 17:57	WG1596446
2-Nitrophenol	U		0.0136	0.380	1	12/24/2020 17:57	WG1596446
4-Nitrophenol	U		0.0119	0.380	1	12/24/2020 17:57	WG1596446
Pentachlorophenol	U		0.0102	0.380	1	12/24/2020 17:57	WG1596446
Phenol	U		0.0153	0.380	1	12/24/2020 17:57	WG1596446
2,4,6-Trichlorophenol	U		0.0122	0.380	1	12/24/2020 17:57	WG1596446
2,4,5-Trichlorophenol	U		0.0129	0.380	1	12/24/2020 17:57	WG1596446
(S) 2-Fluorophenol	*79.0*			*12.0-120*		*12/24/2020 17:57*	WG1596446
(S) Phenol-d5	*72.3*			*10.0-120*		*12/24/2020 17:57*	WG1596446
(S) Nitrobenzene-d5	*64.4*			*10.0-122*		*12/24/2020 17:57*	WG1596446
(S) 2-Fluorobiphenyl	*74.2*			*15.0-120*		*12/24/2020 17:57*	WG1596446
(S) 2,4,6-Tribromophenol	*96.7*			*10.0-127*		*12/24/2020 17:57*	WG1596446
(S) p-Terphenyl-d14	*77.5*			*10.0-120*		*12/24/2020 17:57*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.6		1	12/19/2020 09:48	WG1594417

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0483	J	0.0220	0.0490	1	01/02/2021 02:34	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.666	2.45	1	12/21/2020 06:28	WG1594450
Arsenic	10.8		0.635	2.45	1	12/21/2020 06:28	WG1594450
Barium	104		0.104	0.612	1	12/21/2020 06:28	WG1594450
Beryllium	0.476		0.0386	0.245	1	12/21/2020 06:28	WG1594450
Cadmium	0.439	J	0.0577	0.612	1	12/21/2020 06:28	WG1594450
Chromium	45.6		0.163	1.22	1	12/21/2020 06:28	WG1594450
Cobalt	6.30		0.0993	1.22	1	12/21/2020 06:28	WG1594450
Copper	19.8		0.490	2.45	1	12/21/2020 06:28	WG1594450
Lead	6.13		0.255	0.612	1	12/21/2020 06:28	WG1594450
Molybdenum	1.75		0.134	0.612	1	12/21/2020 06:28	WG1594450
Nickel	30.7		0.162	2.45	1	12/21/2020 06:28	WG1594450
Selenium	U		0.936	2.45	1	12/21/2020 06:28	WG1594450
Silver	U		0.156	1.22	1	12/21/2020 06:28	WG1594450
Thallium	U		0.483	2.45	1	12/21/2020 06:28	WG1594450
Vanadium	44.6		0.620	2.45	1	12/21/2020 06:28	WG1594450
Zinc	59.0		1.02	6.12	1	12/21/2020 06:28	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	10.3		0.898	4.90	1	12/22/2020 20:31	WG1595950
C22-C32 Hydrocarbons	62.7		1.63	4.90	1	12/22/2020 20:31	WG1595950
C32-C40 Hydrocarbons	43.9		1.63	4.90	1	12/22/2020 20:31	WG1595950
(S) o-Terphenyl	*98.9*			*18.0-148*		*12/22/2020 20:31*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00860	0.0857	1	12/24/2020 02:31	WG1594825
Dalapon	U		0.0138	0.0857	1	12/24/2020 02:31	WG1594825
2,4-DB	U		0.0364	0.0857	1	12/24/2020 02:31	WG1594825
Dicamba	U		0.0192	0.0857	1	12/24/2020 02:31	WG1594825
Dichloroprop	U		0.0300	0.0857	1	12/24/2020 02:31	WG1594825
Dinoseb	U		0.00854	0.0857	1	12/24/2020 02:31	WG1594825
MCPA	U	J4	0.543	7.96	1	12/24/2020 02:31	WG1594825
MCPP	U	J4	0.450	7.96	1	12/24/2020 02:31	WG1594825
2,4,5-T	U		0.0104	0.0857	1	12/24/2020 02:31	WG1594825
2,4,5-TP (Silvex)	U		0.0131	0.0857	1	12/24/2020 02:31	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*51.3*			*22.0-132*		*12/24/2020 02:31*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0390	0.122	1	12/22/2020 23:05	WG1594289
Bolstar (Sulprofos)	U		0.0183	0.122	1	12/22/2020 23:05	WG1594289
Chlorpyrifos	U		0.0192	0.122	1	12/22/2020 23:05	WG1594289
Coumaphos	U		0.0298	0.122	1	12/22/2020 23:05	WG1594289
Demeton,-O and -S	U		0.00715	0.0857	1	12/22/2020 23:05	WG1594289
Diazinon	U		0.0276	0.122	1	12/22/2020 23:05	WG1594289
Dichlorvos	U		0.0367	0.122	1	12/22/2020 23:05	WG1594289
Dimethoate	U		0.0409	0.122	1	12/22/2020 23:05	WG1594289
Disulfoton	U		0.0311	0.122	1	12/22/2020 23:05	WG1594289
EPN	U		0.0338	0.122	1	12/22/2020 23:05	WG1594289
Ethoprop	U		0.0145	0.122	1	12/22/2020 23:05	WG1594289
Ethyl Parathion	U		0.0201	0.122	1	12/22/2020 23:05	WG1594289
Fensulfothion	U		0.0432	0.122	1	12/22/2020 23:05	WG1594289
Fenthion	U		0.0163	0.122	1	12/22/2020 23:05	WG1594289
Malathion	U		0.0219	0.122	1	12/22/2020 23:05	WG1594289
Merphos	U		0.0284	0.122	1	12/22/2020 23:05	WG1594289
Methyl parathion	U		0.0249	0.122	1	12/22/2020 23:05	WG1594289
Mevinphos	U		0.0282	0.122	1	12/22/2020 23:05	WG1594289
Naled	U		0.0588	0.122	1	12/22/2020 23:05	WG1594289
Phorate	U		0.0257	0.122	1	12/22/2020 23:05	WG1594289
Ronnel	U		0.0183	0.122	1	12/22/2020 23:05	WG1594289
Stirophos	U		0.0218	0.122	1	12/22/2020 23:05	WG1594289
Sulfotep	U		0.0121	0.122	1	12/22/2020 23:05	WG1594289
TEPP	U	J4	0.192	1.22	1	12/22/2020 23:05	WG1594289
Tokuthion (Prothothiofos)	U		0.0184	0.122	1	12/22/2020 23:05	WG1594289
Trichloronate	U		0.0246	0.122	1	12/22/2020 23:05	WG1594289
(S) Triphenyl Phosphate	*71.5*			*36.0-121*		*12/22/2020 23:05*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00461	0.0245	1	12/24/2020 16:08	WG1597068
Alpha BHC	U		0.00451	0.0245	1	12/24/2020 16:08	WG1597068
Beta BHC	U		0.00464	0.0245	1	12/24/2020 16:08	WG1597068
Delta BHC	U		0.00424	0.0245	1	12/24/2020 16:08	WG1597068
Gamma BHC	U		0.00421	0.0245	1	12/24/2020 16:08	WG1597068
4,4-DDD	U		0.00453	0.0245	1	12/24/2020 16:08	WG1597068
4,4-DDE	U		0.00448	0.0245	1	12/24/2020 16:08	WG1597068
4,4-DDT	U		0.00768	0.0245	1	12/24/2020 16:08	WG1597068
Dieldrin	U		0.00421	0.0245	1	12/24/2020 16:08	WG1597068
Endosulfan I	U		0.00445	0.0245	1	12/24/2020 16:08	WG1597068
Endosulfan II	U		0.00410	0.0245	1	12/24/2020 16:08	WG1597068
Endosulfan sulfate	U		0.00446	0.0245	1	12/24/2020 16:08	WG1597068
Endrin	U		0.00429	0.0245	1	12/24/2020 16:08	WG1597068
Endrin aldehyde	U		0.00415	0.0245	1	12/24/2020 16:08	WG1597068
Endrin ketone	U		0.00871	0.0245	1	12/24/2020 16:08	WG1597068
Heptachlor	0.0263		0.00524	0.0245	1	12/28/2020 13:48	WG1597068
Heptachlor epoxide	0.0258		0.00415	0.0245	1	12/24/2020 16:08	WG1597068
Hexachlorobenzene	U		0.00424	0.0245	1	12/24/2020 16:08	WG1597068
Methoxychlor	0.0222	J	0.00593	0.0245	1	12/28/2020 13:48	WG1597068
Chlordane	0.255	J	0.126	0.367	1	12/24/2020 16:08	WG1597068
Toxaphene	U		0.152	0.490	1	12/24/2020 16:08	WG1597068
(S) Decachlorobiphenyl	*113*			*10.0-135*		*12/28/2020 13:48*	WG1597068
(S) Decachlorobiphenyl	*106*			*10.0-135*		*12/24/2020 16:08*	WG1597068
(S) Tetrachloro-m-xylene	*93.1*			*10.0-139*		*12/24/2020 16:08*	WG1597068
(S) Tetrachloro-m-xylene	*118*			*10.0-139*		*12/28/2020 13:48*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	12/19/2020 09:48	WG1594417

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.72	B J	1.33	4.00	29.3	12/27/2020 15:35	WG1597621
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*77.0-120*		*12/27/2020 15:35*	WG1597621

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0583	0.0799	1.17	12/21/2020 19:03	WG1595115
Acrylonitrile	U		0.00576	0.0199	1.17	12/21/2020 19:03	WG1595115
Benzene	U		0.000746	0.00160	1.17	12/21/2020 19:03	WG1595115
Bromobenzene	U		0.00143	0.0199	1.17	12/21/2020 19:03	WG1595115
Bromodichloromethane	U		0.00116	0.00400	1.17	12/21/2020 19:03	WG1595115
Bromoform	U		0.00187	0.0400	1.17	12/21/2020 19:03	WG1595115
Bromomethane	U		0.00314	0.0199	1.17	12/21/2020 19:03	WG1595115
n-Butylbenzene	U		0.00838	0.0199	1.17	12/21/2020 19:03	WG1595115
sec-Butylbenzene	U		0.00460	0.0199	1.17	12/21/2020 19:03	WG1595115
tert-Butylbenzene	U		0.00311	0.00799	1.17	12/21/2020 19:03	WG1595115
Carbon tetrachloride	U		0.00143	0.00799	1.17	12/21/2020 19:03	WG1595115
Chlorobenzene	U		0.000336	0.00400	1.17	12/21/2020 19:03	WG1595115
Chlorodibromomethane	U		0.000978	0.00400	1.17	12/21/2020 19:03	WG1595115
Chloroethane	U		0.00272	0.00799	1.17	12/21/2020 19:03	WG1595115
Chloroform	U		0.00165	0.00400	1.17	12/21/2020 19:03	WG1595115
Chloromethane	U		0.00695	0.0199	1.17	12/21/2020 19:03	WG1595115
2-Chlorotoluene	U		0.00138	0.00400	1.17	12/21/2020 19:03	WG1595115
4-Chlorotoluene	U		0.000720	0.00799	1.17	12/21/2020 19:03	WG1595115
1,2-Dibromo-3-Chloropropane	U		0.00623	0.0400	1.17	12/21/2020 19:03	WG1595115
1,2-Dibromoethane	U		0.00104	0.00400	1.17	12/21/2020 19:03	WG1595115
Dibromomethane	U		0.00120	0.00799	1.17	12/21/2020 19:03	WG1595115
1,2-Dichlorobenzene	U		0.000679	0.00799	1.17	12/21/2020 19:03	WG1595115
1,3-Dichlorobenzene	U		0.000959	0.00799	1.17	12/21/2020 19:03	WG1595115
1,4-Dichlorobenzene	U		0.00112	0.00799	1.17	12/21/2020 19:03	WG1595115
Dichlorodifluoromethane	U	J3	0.00257	0.00400	1.17	12/21/2020 19:03	WG1595115
1,1-Dichloroethane	U		0.000784	0.00400	1.17	12/21/2020 19:03	WG1595115
1,2-Dichloroethane	U		0.00104	0.00400	1.17	12/21/2020 19:03	WG1595115
1,1-Dichloroethene	U		0.000968	0.00400	1.17	12/21/2020 19:03	WG1595115
cis-1,2-Dichloroethene	U		0.00117	0.00400	1.17	12/21/2020 19:03	WG1595115
trans-1,2-Dichloroethene	U		0.00167	0.00799	1.17	12/21/2020 19:03	WG1595115
1,2-Dichloropropane	U		0.00227	0.00799	1.17	12/21/2020 19:03	WG1595115
1,1-Dichloropropene	U		0.00129	0.00400	1.17	12/21/2020 19:03	WG1595115
1,3-Dichloropropane	U		0.000800	0.00799	1.17	12/21/2020 19:03	WG1595115
cis-1,3-Dichloropropene	U		0.00121	0.00400	1.17	12/21/2020 19:03	WG1595115
trans-1,3-Dichloropropene	U		0.00182	0.00799	1.17	12/21/2020 19:03	WG1595115
2,2-Dichloropropane	U		0.00220	0.00400	1.17	12/21/2020 19:03	WG1595115
Di-isopropyl ether	U		0.000655	0.00160	1.17	12/21/2020 19:03	WG1595115
Ethylbenzene	U		0.00118	0.00400	1.17	12/21/2020 19:03	WG1595115
Hexachloro-1,3-butadiene	U		0.00959	0.0400	1.17	12/21/2020 19:03	WG1595115
Isopropylbenzene	U		0.000679	0.00400	1.17	12/21/2020 19:03	WG1595115
p-Isopropyltoluene	U		0.00407	0.00799	1.17	12/21/2020 19:03	WG1595115
2-Butanone (MEK)	U		0.101	0.160	1.17	12/21/2020 19:03	WG1595115
Methylene Chloride	U		0.0106	0.0400	1.17	12/21/2020 19:03	WG1595115
4-Methyl-2-pentanone (MIBK)	U		0.00365	0.0400	1.17	12/21/2020 19:03	WG1595115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000558	0.00160	1.17	12/21/2020 19:03	WG1595115
Naphthalene	U		0.00780	0.0199	1.17	12/21/2020 19:03	WG1595115
n-Propylbenzene	U		0.00152	0.00799	1.17	12/21/2020 19:03	WG1595115
Styrene	U		0.000366	0.0199	1.17	12/21/2020 19:03	WG1595115
1,1,1,2-Tetrachloroethane	U		0.00152	0.00400	1.17	12/21/2020 19:03	WG1595115
1,1,2,2-Tetrachloroethane	U		0.00111	0.00400	1.17	12/21/2020 19:03	WG1595115
1,1,2-Trichlorotrifluoroethane	U	J3	0.00120	0.00400	1.17	12/21/2020 19:03	WG1595115
Tetrachloroethene	U		0.00143	0.00400	1.17	12/21/2020 19:03	WG1595115
Toluene	U		0.00208	0.00799	1.17	12/21/2020 19:03	WG1595115
1,2,3-Trichlorobenzene	U		0.0117	0.0199	1.17	12/21/2020 19:03	WG1595115
1,2,4-Trichlorobenzene	U		0.00703	0.0199	1.17	12/21/2020 19:03	WG1595115
1,1,1-Trichloroethane	U		0.00147	0.00400	1.17	12/21/2020 19:03	WG1595115
1,1,2-Trichloroethane	U		0.000953	0.00400	1.17	12/21/2020 19:03	WG1595115
Trichloroethene	U		0.000933	0.00160	1.17	12/21/2020 19:03	WG1595115
Trichlorofluoromethane	U	J3	0.00132	0.00400	1.17	12/21/2020 19:03	WG1595115
1,2,3-Trichloropropane	U		0.00259	0.0199	1.17	12/21/2020 19:03	WG1595115
1,2,4-Trimethylbenzene	U		0.00253	0.00799	1.17	12/21/2020 19:03	WG1595115
1,2,3-Trimethylbenzene	U	J4	0.00253	0.00799	1.17	12/21/2020 19:03	WG1595115
1,3,5-Trimethylbenzene	U		0.00320	0.00799	1.17	12/21/2020 19:03	WG1595115
Vinyl chloride	U		0.00186	0.00400	1.17	12/21/2020 19:03	WG1595115
Xylenes, Total	U		0.00141	0.0104	1.17	12/21/2020 19:03	WG1595115
(S) Toluene-d8	*101*			*75.0-131*		*12/21/2020 19:03*	WG1595115
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*		*12/21/2020 19:03*	WG1595115
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*12/21/2020 19:03*	WG1595115

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00645	0.0399	1	12/24/2020 19:20	WG1596446
Acenaphthylene	U		0.00562	0.0399	1	12/24/2020 19:20	WG1596446
Anthracene	U		0.00710	0.0399	1	12/24/2020 19:20	WG1596446
Benzo(a)anthracene	U		0.00703	0.0399	1	12/24/2020 19:20	WG1596446
Benzo(b)fluoranthene	0.0121	J	0.00743	0.0399	1	12/24/2020 19:20	WG1596446
Benzo(k)fluoranthene	U		0.00709	0.0399	1	12/24/2020 19:20	WG1596446
Benzo(g,h,i)perylene	0.00923	J	0.00729	0.0399	1	12/24/2020 19:20	WG1596446
Benzo(a)pyrene	0.0106	J	0.00741	0.0399	1	12/24/2020 19:20	WG1596446
Bis(2-chlorethoxy)methane	U		0.0120	0.399	1	12/24/2020 19:20	WG1596446
Bis(2-chloroethyl)ether	U		0.0132	0.399	1	12/24/2020 19:20	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0172	0.399	1	12/24/2020 19:20	WG1596446
4-Bromophenyl-phenylether	U		0.0140	0.399	1	12/24/2020 19:20	WG1596446
2-Chloronaphthalene	U		0.00700	0.0399	1	12/24/2020 19:20	WG1596446
4-Chlorophenyl-phenylether	U		0.0139	0.399	1	12/24/2020 19:20	WG1596446
Chrysene	U		0.00793	0.0399	1	12/24/2020 19:20	WG1596446
Dibenz(a,h)anthracene	U		0.0111	0.0399	1	12/24/2020 19:20	WG1596446
3,3-Dichlorobenzidine	U		0.0147	0.399	1	12/24/2020 19:20	WG1596446
2,4-Dinitrotoluene	U		0.0114	0.399	1	12/24/2020 19:20	WG1596446
2,6-Dinitrotoluene	U		0.0131	0.399	1	12/24/2020 19:20	WG1596446
Fluoranthene	0.0121	J	0.00720	0.0399	1	12/24/2020 19:20	WG1596446
Fluorene	U		0.00649	0.0399	1	12/24/2020 19:20	WG1596446
Hexachlorobenzene	U		0.0141	0.399	1	12/24/2020 19:20	WG1596446
Hexachloro-1,3-butadiene	U		0.0134	0.399	1	12/24/2020 19:20	WG1596446
Hexachlorocyclopentadiene	U		0.0210	0.399	1	12/24/2020 19:20	WG1596446
Hexachloroethane	U		0.0157	0.399	1	12/24/2020 19:20	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0113	0.0399	1	12/24/2020 19:20	WG1596446
Isophorone	U		0.0122	0.399	1	12/24/2020 19:20	WG1596446
Naphthalene	U		0.0100	0.0399	1	12/24/2020 19:20	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0139	0.399	1	12/24/2020 19:20	WG1596446
n-Nitrosodimethylamine	U		0.0591	0.399	1	12/24/2020 19:20	WG1596446
n-Nitrosodiphenylamine	U		0.0302	0.399	1	12/24/2020 19:20	WG1596446
n-Nitrosodi-n-propylamine	U		0.0133	0.399	1	12/24/2020 19:20	WG1596446
Phenanthrene	U		0.00791	0.0399	1	12/24/2020 19:20	WG1596446
Pyridine	U		0.0263	0.399	1	12/24/2020 19:20	WG1596446
Benzylbutyl phthalate	U		0.0125	0.399	1	12/24/2020 19:20	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0505	0.399	1	12/24/2020 19:20	WG1596446
Di-n-butyl phthalate	U		0.0136	0.399	1	12/24/2020 19:20	WG1596446
Diethyl phthalate	U		0.0132	0.399	1	12/24/2020 19:20	WG1596446
Dimethyl phthalate	U		0.0845	0.399	1	12/24/2020 19:20	WG1596446
Di-n-octyl phthalate	U		0.0269	0.399	1	12/24/2020 19:20	WG1596446
Pyrene	0.0107	J	0.00776	0.0399	1	12/24/2020 19:20	WG1596446
1,2,4-Trichlorobenzene	U		0.0125	0.399	1	12/24/2020 19:20	WG1596446
4-Chloro-3-methylphenol	U		0.0129	0.399	1	12/24/2020 19:20	WG1596446
2-Chlorophenol	U		0.0132	0.399	1	12/24/2020 19:20	WG1596446
2,4-Dichlorophenol	U		0.0116	0.399	1	12/24/2020 19:20	WG1596446
2,4-Dimethylphenol	U		0.0104	0.399	1	12/24/2020 19:20	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0904	0.399	1	12/24/2020 19:20	WG1596446
2,4-Dinitrophenol	U		0.0933	0.399	1	12/24/2020 19:20	WG1596446
2-Methylphenol	U		0.0120	0.399	1	12/24/2020 19:20	WG1596446
3&4-Methyl Phenol	U		0.0125	0.399	1	12/24/2020 19:20	WG1596446
2-Nitrophenol	U		0.0142	0.399	1	12/24/2020 19:20	WG1596446
4-Nitrophenol	U		0.0125	0.399	1	12/24/2020 19:20	WG1596446
Pentachlorophenol	U		0.0107	0.399	1	12/24/2020 19:20	WG1596446
Phenol	U		0.0160	0.399	1	12/24/2020 19:20	WG1596446
2,4,6-Trichlorophenol	U		0.0128	0.399	1	12/24/2020 19:20	WG1596446
2,4,5-Trichlorophenol	U		0.0135	0.399	1	12/24/2020 19:20	WG1596446
(S) 2-Fluorophenol	*78.2*			*12.0-120*		*12/24/2020 19:20*	WG1596446
(S) Phenol-d5	*69.7*			*10.0-120*		*12/24/2020 19:20*	WG1596446
(S) Nitrobenzene-d5	*64.1*			*10.0-122*		*12/24/2020 19:20*	WG1596446
(S) 2-Fluorobiphenyl	*75.5*			*15.0-120*		*12/24/2020 19:20*	WG1596446
(S) 2,4,6-Tribromophenol	*105*			*10.0-127*		*12/24/2020 19:20*	WG1596446
(S) p-Terphenyl-d14	*75.9*			*10.0-120*		*12/24/2020 19:20*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.0		1	12/19/2020 09:48	WG1594417

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0362	J	0.0220	0.0488	1	01/02/2021 02:36	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.664	2.44	1	12/21/2020 06:30	WG1594450
Arsenic	6.41		0.632	2.44	1	12/21/2020 06:30	WG1594450
Barium	89.1		0.104	0.610	1	12/21/2020 06:30	WG1594450
Beryllium	0.480		0.0384	0.244	1	12/21/2020 06:30	WG1594450
Cadmium	0.469	J	0.0574	0.610	1	12/21/2020 06:30	WG1594450
Chromium	41.3		0.162	1.22	1	12/21/2020 06:30	WG1594450
Cobalt	4.27		0.0989	1.22	1	12/21/2020 06:30	WG1594450
Copper	15.9		0.488	2.44	1	12/21/2020 06:30	WG1594450
Lead	4.57		0.254	0.610	1	12/21/2020 06:30	WG1594450
Molybdenum	2.79		0.133	0.610	1	12/21/2020 06:30	WG1594450
Nickel	17.5		0.161	2.44	1	12/21/2020 06:30	WG1594450
Selenium	U		0.932	2.44	1	12/21/2020 06:30	WG1594450
Silver	U		0.155	1.22	1	12/21/2020 06:30	WG1594450
Thallium	U		0.481	2.44	1	12/21/2020 06:30	WG1594450
Vanadium	40.6		0.617	2.44	1	12/21/2020 06:30	WG1594450
Zinc	45.5		1.01	6.10	1	12/21/2020 06:30	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	11.4		0.894	4.88	1	12/22/2020 20:46	WG1595950
C22-C32 Hydrocarbons	61.4		1.62	4.88	1	12/22/2020 20:46	WG1595950
C32-C40 Hydrocarbons	42.7		1.62	4.88	1	12/22/2020 20:46	WG1595950
(S) o-Terphenyl	*85.8*			*18.0-148*		*12/22/2020 20:46*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00856	0.0854	1	12/24/2020 02:45	WG1594825
Dalapon	U		0.0138	0.0854	1	12/24/2020 02:45	WG1594825
2,4-DB	U		0.0362	0.0854	1	12/24/2020 02:45	WG1594825
Dicamba	U		0.0191	0.0854	1	12/24/2020 02:45	WG1594825
Dichloroprop	U		0.0299	0.0854	1	12/24/2020 02:45	WG1594825
Dinoseb	U		0.00850	0.0854	1	12/24/2020 02:45	WG1594825
MCPA	U	J4	0.540	7.93	1	12/24/2020 02:45	WG1594825
MCPP	U	J4	0.448	7.93	1	12/24/2020 02:45	WG1594825
2,4,5-T	U		0.0104	0.0854	1	12/24/2020 02:45	WG1594825
2,4,5-TP (Silvex)	U		0.0131	0.0854	1	12/24/2020 02:45	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*52.5*			*22.0-132*		*12/24/2020 02:45*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0388	0.122	1	12/22/2020 23:39	WG1594289
Bolstar (Sulprofos)	U		0.0182	0.122	1	12/22/2020 23:39	WG1594289
Chlorpyrifos	U		0.0191	0.122	1	12/22/2020 23:39	WG1594289
Coumaphos	U		0.0296	0.122	1	12/22/2020 23:39	WG1594289
Demeton,-O and -S	U		0.00712	0.0854	1	12/22/2020 23:39	WG1594289
Diazinon	U		0.0274	0.122	1	12/22/2020 23:39	WG1594289
Dichlorvos	U		0.0366	0.122	1	12/22/2020 23:39	WG1594289
Dimethoate	U		0.0407	0.122	1	12/22/2020 23:39	WG1594289
Disulfoton	U		0.0310	0.122	1	12/22/2020 23:39	WG1594289
EPN	U		0.0337	0.122	1	12/22/2020 23:39	WG1594289
Ethoprop	U		0.0144	0.122	1	12/22/2020 23:39	WG1594289
Ethyl Parathion	U		0.0200	0.122	1	12/22/2020 23:39	WG1594289
Fensulfothion	U		0.0431	0.122	1	12/22/2020 23:39	WG1594289
Fenthion	U		0.0162	0.122	1	12/22/2020 23:39	WG1594289
Malathion	U		0.0218	0.122	1	12/22/2020 23:39	WG1594289
Merphos	U		0.0283	0.122	1	12/22/2020 23:39	WG1594289
Methyl parathion	U		0.0248	0.122	1	12/22/2020 23:39	WG1594289
Mevinphos	U		0.0281	0.122	1	12/22/2020 23:39	WG1594289
Naled	U		0.0585	0.122	1	12/22/2020 23:39	WG1594289
Phorate	U		0.0256	0.122	1	12/22/2020 23:39	WG1594289
Ronnel	U		0.0182	0.122	1	12/22/2020 23:39	WG1594289
Stirophos	U		0.0217	0.122	1	12/22/2020 23:39	WG1594289
Sulfotep	U		0.0120	0.122	1	12/22/2020 23:39	WG1594289
TEPP	U	J4	0.191	1.22	1	12/22/2020 23:39	WG1594289
Tokuthion (Prothothiofos)	U		0.0183	0.122	1	12/22/2020 23:39	WG1594289
Trichloronate	U		0.0245	0.122	1	12/22/2020 23:39	WG1594289
(S) Triphenyl Phosphate	*81.0*			*36.0-121*		*12/22/2020 23:39*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00459	0.0244	1	12/24/2020 16:21	WG1597068
Alpha BHC	U		0.00449	0.0244	1	12/24/2020 16:21	WG1597068
Beta BHC	U		0.00462	0.0244	1	12/24/2020 16:21	WG1597068
Delta BHC	U		0.00422	0.0244	1	12/24/2020 16:21	WG1597068
Gamma BHC	U		0.00420	0.0244	1	12/24/2020 16:21	WG1597068
4,4-DDD	U		0.00451	0.0244	1	12/24/2020 16:21	WG1597068
4,4-DDE	U		0.00446	0.0244	1	12/24/2020 16:21	WG1597068
4,4-DDT	U		0.00765	0.0244	1	12/24/2020 16:21	WG1597068
Dieldrin	U		0.00420	0.0244	1	12/24/2020 16:21	WG1597068
Endosulfan I	U		0.00443	0.0244	1	12/24/2020 16:21	WG1597068
Endosulfan II	U		0.00409	0.0244	1	12/24/2020 16:21	WG1597068
Endosulfan sulfate	U		0.00444	0.0244	1	12/24/2020 16:21	WG1597068
Endrin	U		0.00427	0.0244	1	12/24/2020 16:21	WG1597068
Endrin aldehyde	U		0.00413	0.0244	1	12/24/2020 16:21	WG1597068
Endrin ketone	U		0.00867	0.0244	1	12/24/2020 16:21	WG1597068
Heptachlor	U		0.00522	0.0244	1	12/24/2020 16:21	WG1597068
Heptachlor epoxide	U		0.00413	0.0244	1	12/24/2020 16:21	WG1597068
Hexachlorobenzene	U		0.00422	0.0244	1	12/24/2020 16:21	WG1597068
Methoxychlor	U		0.00590	0.0244	1	12/24/2020 16:21	WG1597068
Chlordane	U		0.126	0.366	1	12/24/2020 16:21	WG1597068
Toxaphene	U		0.151	0.488	1	12/24/2020 16:21	WG1597068
(S) Decachlorobiphenyl	*98.9*			*10.0-135*		*12/24/2020 16:21*	WG1597068
(S) Tetrachloro-m-xylene	*83.6*			*10.0-139*		*12/24/2020 16:21*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.4		1	12/22/2020 10:37	WG1595515

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.40	B J Q	1.20	3.63	25	12/30/2020 02:50	WG1598560
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*77.0-120*		*12/30/2020 02:50*	WG1598560

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0530	0.0726	1	12/21/2020 19:22	WG1595115
Acrylonitrile	U		0.00524	0.0181	1	12/21/2020 19:22	WG1595115
Benzene	U		0.000678	0.00145	1	12/21/2020 19:22	WG1595115
Bromobenzene	U		0.00131	0.0181	1	12/21/2020 19:22	WG1595115
Bromodichloromethane	U		0.00105	0.00363	1	12/21/2020 19:22	WG1595115
Bromoform	U		0.00170	0.0363	1	12/21/2020 19:22	WG1595115
Bromomethane	U		0.00286	0.0181	1	12/21/2020 19:22	WG1595115
n-Butylbenzene	U		0.00762	0.0181	1	12/21/2020 19:22	WG1595115
sec-Butylbenzene	U		0.00418	0.0181	1	12/21/2020 19:22	WG1595115
tert-Butylbenzene	U		0.00283	0.00726	1	12/21/2020 19:22	WG1595115
Carbon tetrachloride	U		0.00130	0.00726	1	12/21/2020 19:22	WG1595115
Chlorobenzene	U		0.000305	0.00363	1	12/21/2020 19:22	WG1595115
Chlorodibromomethane	U		0.000888	0.00363	1	12/21/2020 19:22	WG1595115
Chloroethane	U		0.00247	0.00726	1	12/21/2020 19:22	WG1595115
Chloroform	U		0.00149	0.00363	1	12/21/2020 19:22	WG1595115
Chloromethane	U		0.00631	0.0181	1	12/21/2020 19:22	WG1595115
2-Chlorotoluene	U		0.00126	0.00363	1	12/21/2020 19:22	WG1595115
4-Chlorotoluene	U		0.000653	0.00726	1	12/21/2020 19:22	WG1595115
1,2-Dibromo-3-Chloropropane	U		0.00566	0.0363	1	12/21/2020 19:22	WG1595115
1,2-Dibromoethane	U		0.000941	0.00363	1	12/21/2020 19:22	WG1595115
Dibromomethane	U		0.00109	0.00726	1	12/21/2020 19:22	WG1595115
1,2-Dichlorobenzene	U		0.000617	0.00726	1	12/21/2020 19:22	WG1595115
1,3-Dichlorobenzene	U		0.000871	0.00726	1	12/21/2020 19:22	WG1595115
1,4-Dichlorobenzene	U		0.00102	0.00726	1	12/21/2020 19:22	WG1595115
Dichlorodifluoromethane	U	J3	0.00234	0.00363	1	12/21/2020 19:22	WG1595115
1,1-Dichloroethane	U		0.000713	0.00363	1	12/21/2020 19:22	WG1595115
1,2-Dichloroethane	U		0.000942	0.00363	1	12/21/2020 19:22	WG1595115
1,1-Dichloroethene	U		0.000880	0.00363	1	12/21/2020 19:22	WG1595115
cis-1,2-Dichloroethene	U		0.00107	0.00363	1	12/21/2020 19:22	WG1595115
trans-1,2-Dichloroethene	U		0.00151	0.00726	1	12/21/2020 19:22	WG1595115
1,2-Dichloropropane	U		0.00206	0.00726	1	12/21/2020 19:22	WG1595115
1,1-Dichloropropene	U		0.00117	0.00363	1	12/21/2020 19:22	WG1595115
1,3-Dichloropropane	U		0.000727	0.00726	1	12/21/2020 19:22	WG1595115
cis-1,3-Dichloropropene	U		0.00110	0.00363	1	12/21/2020 19:22	WG1595115
trans-1,3-Dichloropropene	U		0.00165	0.00726	1	12/21/2020 19:22	WG1595115
2,2-Dichloropropane	U		0.00200	0.00363	1	12/21/2020 19:22	WG1595115
Di-isopropyl ether	U		0.000595	0.00145	1	12/21/2020 19:22	WG1595115
Ethylbenzene	U		0.00107	0.00363	1	12/21/2020 19:22	WG1595115
Hexachloro-1,3-butadiene	U		0.00871	0.0363	1	12/21/2020 19:22	WG1595115
Isopropylbenzene	U		0.000617	0.00363	1	12/21/2020 19:22	WG1595115
p-Isopropyltoluene	U		0.00370	0.00726	1	12/21/2020 19:22	WG1595115
2-Butanone (MEK)	U		0.0922	0.145	1	12/21/2020 19:22	WG1595115
Methylene Chloride	U		0.00964	0.0363	1	12/21/2020 19:22	WG1595115
4-Methyl-2-pentanone (MIBK)	U		0.00331	0.0363	1	12/21/2020 19:22	WG1595115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000508	0.00145	1	12/21/2020 19:22	WG1595115
Naphthalene	U		0.00708	0.0181	1	12/21/2020 19:22	WG1595115
n-Propylbenzene	U		0.00138	0.00726	1	12/21/2020 19:22	WG1595115
Styrene	U		0.000332	0.0181	1	12/21/2020 19:22	WG1595115
1,1,1,2-Tetrachloroethane	U		0.00138	0.00363	1	12/21/2020 19:22	WG1595115
1,1,2,2-Tetrachloroethane	U		0.00101	0.00363	1	12/21/2020 19:22	WG1595115
1,1,2-Trichlorotrifluoroethane	U	J3	0.00109	0.00363	1	12/21/2020 19:22	WG1595115
Tetrachloroethene	U		0.00130	0.00363	1	12/21/2020 19:22	WG1595115
Toluene	U		0.00189	0.00726	1	12/21/2020 19:22	WG1595115
1,2,3-Trichlorobenzene	U		0.0106	0.0181	1	12/21/2020 19:22	WG1595115
1,2,4-Trichlorobenzene	U		0.00639	0.0181	1	12/21/2020 19:22	WG1595115
1,1,1-Trichloroethane	U		0.00134	0.00363	1	12/21/2020 19:22	WG1595115
1,1,2-Trichloroethane	U		0.000866	0.00363	1	12/21/2020 19:22	WG1595115
Trichloroethene	U		0.000848	0.00145	1	12/21/2020 19:22	WG1595115
Trichlorofluoromethane	U	J3	0.00120	0.00363	1	12/21/2020 19:22	WG1595115
1,2,3-Trichloropropane	U		0.00235	0.0181	1	12/21/2020 19:22	WG1595115
1,2,4-Trimethylbenzene	U		0.00229	0.00726	1	12/21/2020 19:22	WG1595115
1,2,3-Trimethylbenzene	U	J4	0.00229	0.00726	1	12/21/2020 19:22	WG1595115
1,3,5-Trimethylbenzene	U		0.00290	0.00726	1	12/21/2020 19:22	WG1595115
Vinyl chloride	U		0.00168	0.00363	1	12/21/2020 19:22	WG1595115
Xylenes, Total	U		0.00128	0.00943	1	12/21/2020 19:22	WG1595115
(S) Toluene-d8	*103*			*75.0-131*		*12/21/2020 19:22*	WG1595115
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*12/21/2020 19:22*	WG1595115
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*12/21/2020 19:22*	WG1595115

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	0.0214	J	0.00654	0.0404	1	12/24/2020 20:21	WG1596446
Acenaphthylene	U		0.00569	0.0404	1	12/24/2020 20:21	WG1596446
Anthracene	0.438		0.00720	0.0404	1	12/24/2020 20:21	WG1596446
Benzo(a)anthracene	1.69		0.00713	0.0404	1	12/24/2020 20:21	WG1596446
Benzo(b)fluoranthene	2.37		0.0378	0.203	5	12/28/2020 21:39	WG1596446
Benzo(k)fluoranthene	0.772		0.00719	0.0404	1	12/24/2020 20:21	WG1596446
Benzo(g,h,i)perylene	0.973		0.00739	0.0404	1	12/24/2020 20:21	WG1596446
Benzo(a)pyrene	1.94		0.00752	0.0404	1	12/24/2020 20:21	WG1596446
Bis(2-chlorethoxy)methane	U		0.0121	0.404	1	12/24/2020 20:21	WG1596446
Bis(2-chloroethyl)ether	U		0.0134	0.404	1	12/24/2020 20:21	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0175	0.404	1	12/24/2020 20:21	WG1596446
4-Bromophenyl-phenylether	U		0.0142	0.404	1	12/24/2020 20:21	WG1596446
2-Chloronaphthalene	U		0.00710	0.0404	1	12/24/2020 20:21	WG1596446
4-Chlorophenyl-phenylether	U		0.0141	0.404	1	12/24/2020 20:21	WG1596446
Chrysene	1.98		0.00804	0.0404	1	12/24/2020 20:21	WG1596446
Dibenz(a,h)anthracene	0.240		0.0112	0.0404	1	12/24/2020 20:21	WG1596446
3,3-Dichlorobenzidine	U		0.0149	0.404	1	12/24/2020 20:21	WG1596446
2,4-Dinitrotoluene	U		0.0116	0.404	1	12/24/2020 20:21	WG1596446
2,6-Dinitrotoluene	U		0.0132	0.404	1	12/24/2020 20:21	WG1596446
Fluoranthene	4.20		0.0365	0.203	5	12/28/2020 21:39	WG1596446
Fluorene	0.0552		0.00658	0.0404	1	12/24/2020 20:21	WG1596446
Hexachlorobenzene	U		0.0143	0.404	1	12/24/2020 20:21	WG1596446
Hexachloro-1,3-butadiene	U		0.0136	0.404	1	12/24/2020 20:21	WG1596446
Hexachlorocyclopentadiene	U		0.0212	0.404	1	12/24/2020 20:21	WG1596446
Hexachloroethane	U		0.0159	0.404	1	12/24/2020 20:21	WG1596446
Indeno(1,2,3-cd)pyrene	1.08		0.0114	0.0404	1	12/24/2020 20:21	WG1596446
Isophorone	U		0.0124	0.404	1	12/24/2020 20:21	WG1596446
Naphthalene	U		0.0102	0.0404	1	12/24/2020 20:21	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0141	0.404	1	12/24/2020 20:21	WG1596446
n-Nitrosodimethylamine	U		0.0600	0.404	1	12/24/2020 20:21	WG1596446
n-Nitrosodiphenylamine	U		0.0306	0.404	1	12/24/2020 20:21	WG1596446
n-Nitrosodi-n-propylamine	U		0.0135	0.404	1	12/24/2020 20:21	WG1596446
Phenanthrene	2.05		0.0402	0.203	5	12/28/2020 21:39	WG1596446
Pyridine	U		0.0267	0.404	1	12/24/2020 20:21	WG1596446
Benzylbutyl phthalate	U		0.0126	0.404	1	12/24/2020 20:21	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0512	0.404	1	12/24/2020 20:21	WG1596446
Di-n-butyl phthalate	U		0.0138	0.404	1	12/24/2020 20:21	WG1596446
Diethyl phthalate	U		0.0134	0.404	1	12/24/2020 20:21	WG1596446
Dimethyl phthalate	U		0.0857	0.404	1	12/24/2020 20:21	WG1596446
Di-n-octyl phthalate	U		0.0273	0.404	1	12/24/2020 20:21	WG1596446
Pyrene	4.02		0.0393	0.203	5	12/28/2020 21:39	WG1596446
1,2,4-Trichlorobenzene	U		0.0126	0.404	1	12/24/2020 20:21	WG1596446
4-Chloro-3-methylphenol	U		0.0131	0.404	1	12/24/2020 20:21	WG1596446
2-Chlorophenol	U		0.0134	0.404	1	12/24/2020 20:21	WG1596446
2,4-Dichlorophenol	U		0.0118	0.404	1	12/24/2020 20:21	WG1596446
2,4-Dimethylphenol	U		0.0106	0.404	1	12/24/2020 20:21	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0917	0.404	1	12/24/2020 20:21	WG1596446
2,4-Dinitrophenol	U		0.0946	0.404	1	12/24/2020 20:21	WG1596446
2-Methylphenol	U		0.0121	0.404	1	12/24/2020 20:21	WG1596446
3&4-Methyl Phenol	U		0.0126	0.404	1	12/24/2020 20:21	WG1596446
2-Nitrophenol	U		0.0144	0.404	1	12/24/2020 20:21	WG1596446
4-Nitrophenol	U		0.0126	0.404	1	12/24/2020 20:21	WG1596446
Pentachlorophenol	U		0.0109	0.404	1	12/24/2020 20:21	WG1596446
Phenol	U		0.0163	0.404	1	12/24/2020 20:21	WG1596446
2,4,6-Trichlorophenol	U		0.0130	0.404	1	12/24/2020 20:21	WG1596446
2,4,5-Trichlorophenol	U		0.0137	0.404	1	12/24/2020 20:21	WG1596446
(S) 2-Fluorophenol	*75.2*			*12.0-120*		*12/24/2020 20:21*	WG1596446
(S) 2-Fluorophenol	*74.5*			*12.0-120*		*12/28/2020 21:39*	WG1596446
(S) Phenol-d5	*77.1*			*10.0-120*		*12/28/2020 21:39*	WG1596446
(S) Phenol-d5	*67.4*			*10.0-120*		*12/24/2020 20:21*	WG1596446
(S) Nitrobenzene-d5	*60.4*			*10.0-122*		*12/24/2020 20:21*	WG1596446
(S) Nitrobenzene-d5	*67.4*			*10.0-122*		*12/28/2020 21:39*	WG1596446
(S) 2-Fluorobiphenyl	*72.6*			*15.0-120*		*12/24/2020 20:21*	WG1596446
(S) 2-Fluorobiphenyl	*67.1*			*15.0-120*		*12/28/2020 21:39*	WG1596446
(S) 2,4,6-Tribromophenol	*74.5*			*10.0-127*		*12/28/2020 21:39*	WG1596446
(S) 2,4,6-Tribromophenol	*102*			*10.0-127*		*12/24/2020 20:21*	WG1596446
(S) p-Terphenyl-d14	*72.0*			*10.0-120*		*12/28/2020 21:39*	WG1596446
(S) p-Terphenyl-d14	*74.7*			*10.0-120*		*12/24/2020 20:21*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.8		1	12/22/2020 10:37	WG1595515

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0280	J	0.0215	0.0477	1	01/02/2021 02:38	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.649	2.39	1	12/21/2020 06:33	WG1594450
Arsenic	6.87		0.618	2.39	1	12/21/2020 06:33	WG1594450
Barium	113		0.102	0.597	1	12/21/2020 06:33	WG1594450
Beryllium	0.477		0.0376	0.239	1	12/21/2020 06:33	WG1594450
Cadmium	0.454	J	0.0562	0.597	1	12/21/2020 06:33	WG1594450
Chromium	40.8		0.159	1.19	1	12/21/2020 06:33	WG1594450
Cobalt	5.66		0.0968	1.19	1	12/21/2020 06:33	WG1594450
Copper	17.7		0.477	2.39	1	12/21/2020 06:33	WG1594450
Lead	14.3		0.248	0.597	1	12/21/2020 06:33	WG1594450
Molybdenum	2.04		0.130	0.597	1	12/21/2020 06:33	WG1594450
Nickel	25.4		0.158	2.39	1	12/21/2020 06:33	WG1594450
Selenium	U		0.912	2.39	1	12/21/2020 06:33	WG1594450
Silver	U		0.152	1.19	1	12/21/2020 06:33	WG1594450
Thallium	U		0.470	2.39	1	12/21/2020 06:33	WG1594450
Vanadium	44.3		0.604	2.39	1	12/21/2020 06:33	WG1594450
Zinc	52.8		0.993	5.97	1	12/21/2020 06:33	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	10.5		0.875	4.77	1	12/22/2020 20:02	WG1595950
C22-C32 Hydrocarbons	69.5		1.59	4.77	1	12/22/2020 20:02	WG1595950
C32-C40 Hydrocarbons	62.8		1.59	4.77	1	12/22/2020 20:02	WG1595950
(S) o-Terphenyl	*105*			*18.0-148*		*12/22/2020 20:02*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00838	0.0836	1	12/24/2020 02:59	WG1594825
Dalapon	U		0.0135	0.0836	1	12/24/2020 02:59	WG1594825
2,4-DB	U		0.0354	0.0836	1	12/24/2020 02:59	WG1594825
Dicamba	U		0.0187	0.0836	1	12/24/2020 02:59	WG1594825
Dichloroprop	U		0.0292	0.0836	1	12/24/2020 02:59	WG1594825
Dinoseb	U		0.00832	0.0836	1	12/24/2020 02:59	WG1594825
MCPA	U	J3 J4 J5	0.529	7.76	1	12/24/2020 02:59	WG1594825
MCPP	U	J4 J5	0.438	7.76	1	12/24/2020 02:59	WG1594825
2,4,5-T	U		0.0102	0.0836	1	12/24/2020 02:59	WG1594825
2,4,5-TP (Silvex)	U		0.0128	0.0836	1	12/24/2020 02:59	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*52.1*			*22.0-132*		*12/24/2020 02:59*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0380	0.119	1	12/23/2020 00:12	WG1594289
Bolstar (Sulprofos)	U		0.0178	0.119	1	12/23/2020 00:12	WG1594289
Chlorpyrifos	U		0.0187	0.119	1	12/23/2020 00:12	WG1594289
Coumaphos	U		0.0290	0.119	1	12/23/2020 00:12	WG1594289
Demeton,-O and -S	U		0.00697	0.0836	1	12/23/2020 00:12	WG1594289
Diazinon	U		0.0269	0.119	1	12/23/2020 00:12	WG1594289
Dichlorvos	U		0.0358	0.119	1	12/23/2020 00:12	WG1594289
Dimethoate	U		0.0399	0.119	1	12/23/2020 00:12	WG1594289
Disulfoton	U		0.0303	0.119	1	12/23/2020 00:12	WG1594289
EPN	U		0.0329	0.119	1	12/23/2020 00:12	WG1594289
Ethoprop	U		0.0141	0.119	1	12/23/2020 00:12	WG1594289
Ethyl Parathion	U		0.0196	0.119	1	12/23/2020 00:12	WG1594289
Fensulfothion	U		0.0421	0.119	1	12/23/2020 00:12	WG1594289
Fenthion	U		0.0159	0.119	1	12/23/2020 00:12	WG1594289
Malathion	U		0.0214	0.119	1	12/23/2020 00:12	WG1594289
Merphos	U		0.0277	0.119	1	12/23/2020 00:12	WG1594289
Methyl parathion	U		0.0242	0.119	1	12/23/2020 00:12	WG1594289
Mevinphos	U		0.0275	0.119	1	12/23/2020 00:12	WG1594289
Naled	U		0.0573	0.119	1	12/23/2020 00:12	WG1594289
Phorate	U		0.0251	0.119	1	12/23/2020 00:12	WG1594289
Ronnel	U		0.0178	0.119	1	12/23/2020 00:12	WG1594289
Stirophos	U		0.0212	0.119	1	12/23/2020 00:12	WG1594289
Sulfotep	U		0.0118	0.119	1	12/23/2020 00:12	WG1594289
TEPP	U	J4	0.187	1.19	1	12/23/2020 00:12	WG1594289
Tokuthion (Prothothiofos)	U		0.0179	0.119	1	12/23/2020 00:12	WG1594289
Trichloronate	U		0.0240	0.119	1	12/23/2020 00:12	WG1594289
(S) Triphenyl Phosphate	*83.1*			*36.0-121*		*12/23/2020 00:12*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00449	0.0239	1	12/24/2020 16:58	WG1597068
Alpha BHC	U		0.00439	0.0239	1	12/24/2020 16:58	WG1597068
Beta BHC	U		0.00452	0.0239	1	12/24/2020 16:58	WG1597068
Delta BHC	U		0.00413	0.0239	1	12/24/2020 16:58	WG1597068
Gamma BHC	U		0.00411	0.0239	1	12/24/2020 16:58	WG1597068
4,4-DDD	U		0.00442	0.0239	1	12/24/2020 16:58	WG1597068
4,4-DDE	U		0.00437	0.0239	1	12/24/2020 16:58	WG1597068
4,4-DDT	U		0.00748	0.0239	1	12/24/2020 16:58	WG1597068
Dieldrin	U		0.00411	0.0239	1	12/24/2020 16:58	WG1597068
Endosulfan I	U		0.00433	0.0239	1	12/24/2020 16:58	WG1597068
Endosulfan II	U		0.00400	0.0239	1	12/24/2020 16:58	WG1597068
Endosulfan sulfate	U		0.00434	0.0239	1	12/24/2020 16:58	WG1597068
Endrin	U		0.00418	0.0239	1	12/24/2020 16:58	WG1597068
Endrin aldehyde	U		0.00405	0.0239	1	12/24/2020 16:58	WG1597068
Endrin ketone	U		0.00849	0.0239	1	12/24/2020 16:58	WG1597068
Heptachlor	0.00537	J	0.00511	0.0239	1	12/24/2020 16:58	WG1597068
Heptachlor epoxide	0.00661	J	0.00405	0.0239	1	12/24/2020 16:58	WG1597068
Hexachlorobenzene	U		0.00413	0.0239	1	12/24/2020 16:58	WG1597068
Methoxychlor	U		0.00578	0.0239	1	12/24/2020 16:58	WG1597068
Chlordane	0.171	J P	0.123	0.358	1	12/24/2020 16:58	WG1597068
Toxaphene	U		0.148	0.477	1	12/24/2020 16:58	WG1597068
(S) Decachlorobiphenyl	*105*			*10.0-135*		*12/24/2020 16:58*	WG1597068
(S) Tetrachloro-m-xylene	*85.6*			*10.0-139*		*12/24/2020 16:58*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	12/22/2020 10:37	WG1595515

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	1.77	B J	1.20	3.60	26	12/27/2020 16:52	WG1597621
(S) a,a,a-Trifluorotoluene(FID)	*98.9*			*77.0-120*		*12/27/2020 16:52*	WG1597621

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0527	0.0721	1.04	12/21/2020 19:41	WG1595115
Acrylonitrile	U		0.00520	0.0180	1.04	12/21/2020 19:41	WG1595115
Benzene	U		0.000674	0.00144	1.04	12/21/2020 19:41	WG1595115
Bromobenzene	U		0.00130	0.0180	1.04	12/21/2020 19:41	WG1595115
Bromodichloromethane	U		0.00105	0.00360	1.04	12/21/2020 19:41	WG1595115
Bromoform	U		0.00169	0.0360	1.04	12/21/2020 19:41	WG1595115
Bromomethane	U		0.00284	0.0180	1.04	12/21/2020 19:41	WG1595115
n-Butylbenzene	U		0.00757	0.0180	1.04	12/21/2020 19:41	WG1595115
sec-Butylbenzene	U		0.00416	0.0180	1.04	12/21/2020 19:41	WG1595115
tert-Butylbenzene	U		0.00281	0.00721	1.04	12/21/2020 19:41	WG1595115
Carbon tetrachloride	U		0.00129	0.00721	1.04	12/21/2020 19:41	WG1595115
Chlorobenzene	U		0.000302	0.00360	1.04	12/21/2020 19:41	WG1595115
Chlorodibromomethane	U		0.000882	0.00360	1.04	12/21/2020 19:41	WG1595115
Chloroethane	U		0.00245	0.00721	1.04	12/21/2020 19:41	WG1595115
Chloroform	U		0.00148	0.00360	1.04	12/21/2020 19:41	WG1595115
Chloromethane	U		0.00627	0.0180	1.04	12/21/2020 19:41	WG1595115
2-Chlorotoluene	U		0.00125	0.00360	1.04	12/21/2020 19:41	WG1595115
4-Chlorotoluene	U		0.000649	0.00721	1.04	12/21/2020 19:41	WG1595115
1,2-Dibromo-3-Chloropropane	U		0.00563	0.0360	1.04	12/21/2020 19:41	WG1595115
1,2-Dibromoethane	U		0.000934	0.00360	1.04	12/21/2020 19:41	WG1595115
Dibromomethane	U		0.00108	0.00721	1.04	12/21/2020 19:41	WG1595115
1,2-Dichlorobenzene	U		0.000613	0.00721	1.04	12/21/2020 19:41	WG1595115
1,3-Dichlorobenzene	U		0.000865	0.00721	1.04	12/21/2020 19:41	WG1595115
1,4-Dichlorobenzene	U		0.00101	0.00721	1.04	12/21/2020 19:41	WG1595115
Dichlorodifluoromethane	U	J3	0.00232	0.00360	1.04	12/21/2020 19:41	WG1595115
1,1-Dichloroethane	U		0.000708	0.00360	1.04	12/21/2020 19:41	WG1595115
1,2-Dichloroethane	U		0.000936	0.00360	1.04	12/21/2020 19:41	WG1595115
1,1-Dichloroethene	U		0.000873	0.00360	1.04	12/21/2020 19:41	WG1595115
cis-1,2-Dichloroethene	U		0.00106	0.00360	1.04	12/21/2020 19:41	WG1595115
trans-1,2-Dichloroethene	U		0.00150	0.00721	1.04	12/21/2020 19:41	WG1595115
1,2-Dichloropropane	U		0.00205	0.00721	1.04	12/21/2020 19:41	WG1595115
1,1-Dichloropropene	U		0.00117	0.00360	1.04	12/21/2020 19:41	WG1595115
1,3-Dichloropropane	U		0.000722	0.00721	1.04	12/21/2020 19:41	WG1595115
cis-1,3-Dichloropropene	U		0.00109	0.00360	1.04	12/21/2020 19:41	WG1595115
trans-1,3-Dichloropropene	U		0.00165	0.00721	1.04	12/21/2020 19:41	WG1595115
2,2-Dichloropropane	U		0.00200	0.00360	1.04	12/21/2020 19:41	WG1595115
Di-isopropyl ether	U		0.000591	0.00144	1.04	12/21/2020 19:41	WG1595115
Ethylbenzene	U		0.00106	0.00360	1.04	12/21/2020 19:41	WG1595115
Hexachloro-1,3-butadiene	U		0.00865	0.0360	1.04	12/21/2020 19:41	WG1595115
Isopropylbenzene	U		0.000613	0.00360	1.04	12/21/2020 19:41	WG1595115
p-Isopropyltoluene	U		0.00367	0.00721	1.04	12/21/2020 19:41	WG1595115
2-Butanone (MEK)	U		0.0915	0.144	1.04	12/21/2020 19:41	WG1595115
Methylene Chloride	U		0.00958	0.0360	1.04	12/21/2020 19:41	WG1595115
4-Methyl-2-pentanone (MIBK)	U		0.00329	0.0360	1.04	12/21/2020 19:41	WG1595115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000505	0.00144	1.04	12/21/2020 19:41	WG1595115
Naphthalene	U		0.00704	0.0180	1.04	12/21/2020 19:41	WG1595115
n-Propylbenzene	U		0.00137	0.00721	1.04	12/21/2020 19:41	WG1595115
Styrene	U		0.000330	0.0180	1.04	12/21/2020 19:41	WG1595115
1,1,1,2-Tetrachloroethane	U		0.00137	0.00360	1.04	12/21/2020 19:41	WG1595115
1,1,2,2-Tetrachloroethane	U		0.00100	0.00360	1.04	12/21/2020 19:41	WG1595115
1,1,2-Trichlorotrifluoroethane	U	J3	0.00109	0.00360	1.04	12/21/2020 19:41	WG1595115
Tetrachloroethene	U		0.00129	0.00360	1.04	12/21/2020 19:41	WG1595115
Toluene	U		0.00187	0.00721	1.04	12/21/2020 19:41	WG1595115
1,2,3-Trichlorobenzene	U		0.0106	0.0180	1.04	12/21/2020 19:41	WG1595115
1,2,4-Trichlorobenzene	U		0.00635	0.0180	1.04	12/21/2020 19:41	WG1595115
1,1,1-Trichloroethane	U		0.00133	0.00360	1.04	12/21/2020 19:41	WG1595115
1,1,2-Trichloroethane	U		0.000861	0.00360	1.04	12/21/2020 19:41	WG1595115
Trichloroethene	U		0.000841	0.00144	1.04	12/21/2020 19:41	WG1595115
Trichlorofluoromethane	U	J3	0.00119	0.00360	1.04	12/21/2020 19:41	WG1595115
1,2,3-Trichloropropane	U		0.00233	0.0180	1.04	12/21/2020 19:41	WG1595115
1,2,4-Trimethylbenzene	U		0.00227	0.00721	1.04	12/21/2020 19:41	WG1595115
1,2,3-Trimethylbenzene	U	J4	0.00227	0.00721	1.04	12/21/2020 19:41	WG1595115
1,3,5-Trimethylbenzene	U		0.00288	0.00721	1.04	12/21/2020 19:41	WG1595115
Vinyl chloride	U		0.00168	0.00360	1.04	12/21/2020 19:41	WG1595115
Xylenes, Total	U		0.00127	0.00937	1.04	12/21/2020 19:41	WG1595115
(S) Toluene-d8	*101*			*75.0-131*		*12/21/2020 19:41*	WG1595115
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*12/21/2020 19:41*	WG1595115
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*12/21/2020 19:41*	WG1595115

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00645	0.0399	1	12/24/2020 18:59	WG1596446
Acenaphthylene	U		0.00562	0.0399	1	12/24/2020 18:59	WG1596446
Anthracene	U		0.00710	0.0399	1	12/24/2020 18:59	WG1596446
Benzo(a)anthracene	U		0.00703	0.0399	1	12/24/2020 18:59	WG1596446
Benzo(b)fluoranthene	U		0.00744	0.0399	1	12/24/2020 18:59	WG1596446
Benzo(k)fluoranthene	U		0.00709	0.0399	1	12/24/2020 18:59	WG1596446
Benzo(g,h,i)perylene	U		0.00729	0.0399	1	12/24/2020 18:59	WG1596446
Benzo(a)pyrene	U		0.00741	0.0399	1	12/24/2020 18:59	WG1596446
Bis(2-chlorethoxy)methane	U		0.0120	0.399	1	12/24/2020 18:59	WG1596446
Bis(2-chloroethyl)ether	U		0.0132	0.399	1	12/24/2020 18:59	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0172	0.399	1	12/24/2020 18:59	WG1596446
4-Bromophenyl-phenylether	U		0.0140	0.399	1	12/24/2020 18:59	WG1596446
2-Chloronaphthalene	U		0.00700	0.0399	1	12/24/2020 18:59	WG1596446
4-Chlorophenyl-phenylether	U		0.0139	0.399	1	12/24/2020 18:59	WG1596446
Chrysene	U		0.00793	0.0399	1	12/24/2020 18:59	WG1596446
Dibenz(a,h)anthracene	U		0.0111	0.0399	1	12/24/2020 18:59	WG1596446
3,3-Dichlorobenzidine	U		0.0147	0.399	1	12/24/2020 18:59	WG1596446
2,4-Dinitrotoluene	U		0.0114	0.399	1	12/24/2020 18:59	WG1596446
2,6-Dinitrotoluene	U		0.0131	0.399	1	12/24/2020 18:59	WG1596446
Fluoranthene	U		0.00720	0.0399	1	12/24/2020 18:59	WG1596446
Fluorene	U		0.00649	0.0399	1	12/24/2020 18:59	WG1596446
Hexachlorobenzene	U		0.0141	0.399	1	12/24/2020 18:59	WG1596446
Hexachloro-1,3-butadiene	U		0.0134	0.399	1	12/24/2020 18:59	WG1596446
Hexachlorocyclopentadiene	U		0.0210	0.399	1	12/24/2020 18:59	WG1596446
Hexachloroethane	U		0.0157	0.399	1	12/24/2020 18:59	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0113	0.0399	1	12/24/2020 18:59	WG1596446
Isophorone	U		0.0122	0.399	1	12/24/2020 18:59	WG1596446
Naphthalene	U		0.0100	0.0399	1	12/24/2020 18:59	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0139	0.399	1	12/24/2020 18:59	WG1596446
n-Nitrosodimethylamine	U		0.0591	0.399	1	12/24/2020 18:59	WG1596446
n-Nitrosodiphenylamine	U		0.0302	0.399	1	12/24/2020 18:59	WG1596446
n-Nitrosodi-n-propylamine	U		0.0133	0.399	1	12/24/2020 18:59	WG1596446
Phenanthrene	U		0.00791	0.0399	1	12/24/2020 18:59	WG1596446
Pyridine	U		0.0263	0.399	1	12/24/2020 18:59	WG1596446
Benzylbutyl phthalate	U		0.0125	0.399	1	12/24/2020 18:59	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0505	0.399	1	12/24/2020 18:59	WG1596446
Di-n-butyl phthalate	U		0.0136	0.399	1	12/24/2020 18:59	WG1596446
Diethyl phthalate	U		0.0132	0.399	1	12/24/2020 18:59	WG1596446
Dimethyl phthalate	U		0.0845	0.399	1	12/24/2020 18:59	WG1596446
Di-n-octyl phthalate	U		0.0269	0.399	1	12/24/2020 18:59	WG1596446
Pyrene	U		0.00776	0.0399	1	12/24/2020 18:59	WG1596446
1,2,4-Trichlorobenzene	U		0.0125	0.399	1	12/24/2020 18:59	WG1596446
4-Chloro-3-methylphenol	U		0.0129	0.399	1	12/24/2020 18:59	WG1596446
2-Chlorophenol	U		0.0132	0.399	1	12/24/2020 18:59	WG1596446
2,4-Dichlorophenol	U		0.0116	0.399	1	12/24/2020 18:59	WG1596446
2,4-Dimethylphenol	U		0.0104	0.399	1	12/24/2020 18:59	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0904	0.399	1	12/24/2020 18:59	WG1596446
2,4-Dinitrophenol	U		0.0933	0.399	1	12/24/2020 18:59	WG1596446
2-Methylphenol	U		0.0120	0.399	1	12/24/2020 18:59	WG1596446
3&4-Methyl Phenol	U		0.0125	0.399	1	12/24/2020 18:59	WG1596446
2-Nitrophenol	U		0.0142	0.399	1	12/24/2020 18:59	WG1596446
4-Nitrophenol	U		0.0125	0.399	1	12/24/2020 18:59	WG1596446
Pentachlorophenol	U		0.0107	0.399	1	12/24/2020 18:59	WG1596446
Phenol	U		0.0160	0.399	1	12/24/2020 18:59	WG1596446
2,4,6-Trichlorophenol	U		0.0128	0.399	1	12/24/2020 18:59	WG1596446
2,4,5-Trichlorophenol	U		0.0135	0.399	1	12/24/2020 18:59	WG1596446
(S) 2-Fluorophenol	*69.5*			*12.0-120*		*12/24/2020 18:59*	WG1596446
(S) Phenol-d5	*61.9*			*10.0-120*		*12/24/2020 18:59*	WG1596446
(S) Nitrobenzene-d5	*59.2*			*10.0-122*		*12/24/2020 18:59*	WG1596446
(S) 2-Fluorobiphenyl	*67.9*			*15.0-120*		*12/24/2020 18:59*	WG1596446
(S) 2,4,6-Tribromophenol	*90.8*			*10.0-127*		*12/24/2020 18:59*	WG1596446
(S) p-Terphenyl-d14	*68.8*			*10.0-120*		*12/24/2020 18:59*	WG1596446

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.3		1	12/22/2020 09:32	WG1595516

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0563		0.0209	0.0464	1	01/02/2021 02:40	WG1595810

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.630	2.32	1	12/21/2020 06:36	WG1594450
Arsenic	3.90		0.600	2.32	1	12/21/2020 06:36	WG1594450
Barium	188		0.0987	0.579	1	12/21/2020 06:36	WG1594450
Beryllium	0.474		0.0365	0.232	1	12/21/2020 06:36	WG1594450
Cadmium	0.193	J	0.0546	0.579	1	12/21/2020 06:36	WG1594450
Chromium	66.8		0.154	1.16	1	12/21/2020 06:36	WG1594450
Cobalt	12.6		0.0940	1.16	1	12/21/2020 06:36	WG1594450
Copper	25.1		0.464	2.32	1	12/21/2020 06:36	WG1594450
Lead	5.16		0.241	0.579	1	12/21/2020 06:36	WG1594450
Molybdenum	U		0.126	0.579	1	12/21/2020 06:36	WG1594450
Nickel	84.0		0.153	2.32	1	12/21/2020 06:36	WG1594450
Selenium	U		0.885	2.32	1	12/21/2020 06:36	WG1594450
Silver	U		0.147	1.16	1	12/21/2020 06:36	WG1594450
Thallium	U		0.457	2.32	1	12/21/2020 06:36	WG1594450
Vanadium	57.3		0.586	2.32	1	12/21/2020 06:36	WG1594450
Zinc	50.3		0.964	5.79	1	12/21/2020 06:36	WG1594450

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	5.19		0.849	4.64	1	12/22/2020 20:17	WG1595950
C22-C32 Hydrocarbons	41.7		1.54	4.64	1	12/22/2020 20:17	WG1595950
C32-C40 Hydrocarbons	45.0		1.54	4.64	1	12/22/2020 20:17	WG1595950
(S) o-Terphenyl	*97.1*			*18.0-148*		*12/22/2020 20:17*	WG1595950

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
2,4-D	U		0.00814	0.0811	1	12/24/2020 03:42	WG1594825
Dalapon	U		0.0131	0.0811	1	12/24/2020 03:42	WG1594825
2,4-DB	U		0.0344	0.0811	1	12/24/2020 03:42	WG1594825
Dicamba	U		0.0182	0.0811	1	12/24/2020 03:42	WG1594825
Dichloroprop	U		0.0284	0.0811	1	12/24/2020 03:42	WG1594825
Dinoseb	U		0.00808	0.0811	1	12/24/2020 03:42	WG1594825
MCPA	U	J4	0.513	7.53	1	12/24/2020 03:42	WG1594825
MCPP	U	J4	0.425	7.53	1	12/24/2020 03:42	WG1594825
2,4,5-T	U		0.00987	0.0811	1	12/24/2020 03:42	WG1594825
2,4,5-TP (Silvex)	U		0.0124	0.0811	1	12/24/2020 03:42	WG1594825
(S) 2,4-Dichlorophenyl Acetic Acid	*51.3*			*22.0-132*		*12/24/2020 03:42*	WG1594825

OP Pesticides by Method 8141

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Azinphos-Methyl	U		0.0369	0.116	1	12/23/2020 00:45	WG1594289
Bolstar (Sulprofos)	U		0.0173	0.116	1	12/23/2020 00:45	WG1594289
Chlorpyrifos	U		0.0182	0.116	1	12/23/2020 00:45	WG1594289
Coumaphos	U		0.0282	0.116	1	12/23/2020 00:45	WG1594289
Demeton,-O and -S	U		0.00677	0.0811	1	12/23/2020 00:45	WG1594289
Diazinon	U		0.0261	0.116	1	12/23/2020 00:45	WG1594289
Dichlorvos	U		0.0348	0.116	1	12/23/2020 00:45	WG1594289
Dimethoate	U		0.0387	0.116	1	12/23/2020 00:45	WG1594289
Disulfoton	U		0.0294	0.116	1	12/23/2020 00:45	WG1594289
EPN	U		0.0320	0.116	1	12/23/2020 00:45	WG1594289
Ethoprop	U		0.0137	0.116	1	12/23/2020 00:45	WG1594289
Ethyl Parathion	U		0.0190	0.116	1	12/23/2020 00:45	WG1594289
Fensulfothion	U		0.0409	0.116	1	12/23/2020 00:45	WG1594289
Fenthion	U		0.0154	0.116	1	12/23/2020 00:45	WG1594289
Malathion	U		0.0207	0.116	1	12/23/2020 00:45	WG1594289
Merphos	U		0.0269	0.116	1	12/23/2020 00:45	WG1594289
Methyl parathion	U		0.0235	0.116	1	12/23/2020 00:45	WG1594289
Mevinphos	U		0.0267	0.116	1	12/23/2020 00:45	WG1594289
Naled	U		0.0556	0.116	1	12/23/2020 00:45	WG1594289
Phorate	U		0.0243	0.116	1	12/23/2020 00:45	WG1594289
Ronnel	U		0.0173	0.116	1	12/23/2020 00:45	WG1594289
Stirophos	U		0.0206	0.116	1	12/23/2020 00:45	WG1594289
Sulfotep	U		0.0114	0.116	1	12/23/2020 00:45	WG1594289
TEPP	U	J4	0.182	1.16	1	12/23/2020 00:45	WG1594289
Tokuthion (Prothothiofos)	U		0.0174	0.116	1	12/23/2020 00:45	WG1594289
Trichloronate	U		0.0233	0.116	1	12/23/2020 00:45	WG1594289
(S) Triphenyl Phosphate	*81.4*			*36.0-121*		*12/23/2020 00:45*	WG1594289

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.00436	0.0232	1	12/24/2020 17:10	WG1597068
Alpha BHC	U		0.00426	0.0232	1	12/24/2020 17:10	WG1597068
Beta BHC	U		0.00439	0.0232	1	12/24/2020 17:10	WG1597068
Delta BHC	U		0.00401	0.0232	1	12/24/2020 17:10	WG1597068
Gamma BHC	U		0.00399	0.0232	1	12/24/2020 17:10	WG1597068
4,4-DDD	U		0.00429	0.0232	1	12/24/2020 17:10	WG1597068
4,4-DDE	0.0114	J	0.00424	0.0232	1	12/24/2020 17:10	WG1597068
4,4-DDT	0.00956	J	0.00727	0.0232	1	12/24/2020 17:10	WG1597068
Dieldrin	U		0.00399	0.0232	1	12/24/2020 17:10	WG1597068
Endosulfan I	U		0.00421	0.0232	1	12/24/2020 17:10	WG1597068
Endosulfan II	U		0.00388	0.0232	1	12/24/2020 17:10	WG1597068
Endosulfan sulfate	U		0.00422	0.0232	1	12/24/2020 17:10	WG1597068
Endrin	U		0.00406	0.0232	1	12/24/2020 17:10	WG1597068
Endrin aldehyde	U		0.00393	0.0232	1	12/24/2020 17:10	WG1597068
Endrin ketone	U		0.00824	0.0232	1	12/24/2020 17:10	WG1597068
Heptachlor	U		0.00496	0.0232	1	12/24/2020 17:10	WG1597068
Heptachlor epoxide	U		0.00393	0.0232	1	12/24/2020 17:10	WG1597068
Hexachlorobenzene	U		0.00401	0.0232	1	12/24/2020 17:10	WG1597068
Methoxychlor	U		0.00561	0.0232	1	12/24/2020 17:10	WG1597068
Chlordane	U		0.119	0.348	1	12/24/2020 17:10	WG1597068
Toxaphene	U		0.144	0.464	1	12/24/2020 17:10	WG1597068
(S) Decachlorobiphenyl	*103*			*10.0-135*		*12/24/2020 17:10*	WG1597068
(S) Tetrachloro-m-xylene	*90.5*			*10.0-139*		*12/24/2020 17:10*	WG1597068

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.1		1	12/22/2020 09:32	WG1595516

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		1.14	3.43	25	12/27/2020 17:15	WG1597621
(S) a,a,a-Trifluorotoluene(FID)	*97.4*			*77.0-120*		*12/27/2020 17:15*	WG1597621

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0483	0.0662	1	12/21/2020 20:00	WG1595115
Acrylonitrile	U		0.00478	0.0165	1	12/21/2020 20:00	WG1595115
Benzene	U		0.000618	0.00132	1	12/21/2020 20:00	WG1595115
Bromobenzene	U		0.00119	0.0165	1	12/21/2020 20:00	WG1595115
Bromodichloromethane	U		0.000960	0.00331	1	12/21/2020 20:00	WG1595115
Bromoform	U		0.00155	0.0331	1	12/21/2020 20:00	WG1595115
Bromomethane	U		0.00261	0.0165	1	12/21/2020 20:00	WG1595115
n-Butylbenzene	U		0.00695	0.0165	1	12/21/2020 20:00	WG1595115
sec-Butylbenzene	U		0.00381	0.0165	1	12/21/2020 20:00	WG1595115
tert-Butylbenzene	U		0.00258	0.00662	1	12/21/2020 20:00	WG1595115
Carbon tetrachloride	U		0.00119	0.00662	1	12/21/2020 20:00	WG1595115
Chlorobenzene	U		0.000278	0.00331	1	12/21/2020 20:00	WG1595115
Chlorodibromomethane	U		0.000810	0.00331	1	12/21/2020 20:00	WG1595115
Chloroethane	U		0.00225	0.00662	1	12/21/2020 20:00	WG1595115
Chloroform	U		0.00136	0.00331	1	12/21/2020 20:00	WG1595115
Chloromethane	U		0.00576	0.0165	1	12/21/2020 20:00	WG1595115
2-Chlorotoluene	U		0.00115	0.00331	1	12/21/2020 20:00	WG1595115
4-Chlorotoluene	U		0.000596	0.00662	1	12/21/2020 20:00	WG1595115
1,2-Dibromo-3-Chloropropane	U		0.00516	0.0331	1	12/21/2020 20:00	WG1595115
1,2-Dibromoethane	U		0.000858	0.00331	1	12/21/2020 20:00	WG1595115
Dibromomethane	U		0.000993	0.00662	1	12/21/2020 20:00	WG1595115
1,2-Dichlorobenzene	U		0.000563	0.00662	1	12/21/2020 20:00	WG1595115
1,3-Dichlorobenzene	U		0.000794	0.00662	1	12/21/2020 20:00	WG1595115
1,4-Dichlorobenzene	U		0.000927	0.00662	1	12/21/2020 20:00	WG1595115
Dichlorodifluoromethane	U	J3	0.00213	0.00331	1	12/21/2020 20:00	WG1595115
1,1-Dichloroethane	U		0.000650	0.00331	1	12/21/2020 20:00	WG1595115
1,2-Dichloroethane	U		0.000859	0.00331	1	12/21/2020 20:00	WG1595115
1,1-Dichloroethene	U		0.000802	0.00331	1	12/21/2020 20:00	WG1595115
cis-1,2-Dichloroethene	U		0.000972	0.00331	1	12/21/2020 20:00	WG1595115
trans-1,2-Dichloroethene	U		0.00138	0.00662	1	12/21/2020 20:00	WG1595115
1,2-Dichloropropane	U		0.00188	0.00662	1	12/21/2020 20:00	WG1595115
1,1-Dichloropropene	U		0.00107	0.00331	1	12/21/2020 20:00	WG1595115
1,3-Dichloropropane	U		0.000663	0.00662	1	12/21/2020 20:00	WG1595115
cis-1,3-Dichloropropene	U		0.00100	0.00331	1	12/21/2020 20:00	WG1595115
trans-1,3-Dichloropropene	U		0.00151	0.00662	1	12/21/2020 20:00	WG1595115
2,2-Dichloropropane	U		0.00183	0.00331	1	12/21/2020 20:00	WG1595115
Di-isopropyl ether	U		0.000543	0.00132	1	12/21/2020 20:00	WG1595115
Ethylbenzene	U		0.000976	0.00331	1	12/21/2020 20:00	WG1595115
Hexachloro-1,3-butadiene	U		0.00794	0.0331	1	12/21/2020 20:00	WG1595115
Isopropylbenzene	U		0.000563	0.00331	1	12/21/2020 20:00	WG1595115
p-Isopropyltoluene	U		0.00338	0.00662	1	12/21/2020 20:00	WG1595115
2-Butanone (MEK)	U		0.0841	0.132	1	12/21/2020 20:00	WG1595115
Methylene Chloride	U		0.00879	0.0331	1	12/21/2020 20:00	WG1595115
4-Methyl-2-pentanone (MIBK)	U		0.00302	0.0331	1	12/21/2020 20:00	WG1595115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000463	0.00132	1	12/21/2020 20:00	WG1595115
Naphthalene	U		0.00646	0.0165	1	12/21/2020 20:00	WG1595115
n-Propylbenzene	U		0.00126	0.00662	1	12/21/2020 20:00	WG1595115
Styrene	U		0.000303	0.0165	1	12/21/2020 20:00	WG1595115
1,1,1,2-Tetrachloroethane	U		0.00125	0.00331	1	12/21/2020 20:00	WG1595115
1,1,2,2-Tetrachloroethane	U		0.000920	0.00331	1	12/21/2020 20:00	WG1595115
1,1,2-Trichlorotrifluoroethane	U	J3	0.000998	0.00331	1	12/21/2020 20:00	WG1595115
Tetrachloroethene	U		0.00119	0.00331	1	12/21/2020 20:00	WG1595115
Toluene	U		0.00172	0.00662	1	12/21/2020 20:00	WG1595115
1,2,3-Trichlorobenzene	U		0.00970	0.0165	1	12/21/2020 20:00	WG1595115
1,2,4-Trichlorobenzene	U		0.00582	0.0165	1	12/21/2020 20:00	WG1595115
1,1,1-Trichloroethane	U		0.00122	0.00331	1	12/21/2020 20:00	WG1595115
1,1,2-Trichloroethane	U		0.000790	0.00331	1	12/21/2020 20:00	WG1595115
Trichloroethene	U		0.000773	0.00132	1	12/21/2020 20:00	WG1595115
Trichlorofluoromethane	U	J3	0.00109	0.00331	1	12/21/2020 20:00	WG1595115
1,2,3-Trichloropropane	U		0.00214	0.0165	1	12/21/2020 20:00	WG1595115
1,2,4-Trimethylbenzene	U		0.00209	0.00662	1	12/21/2020 20:00	WG1595115
1,2,3-Trimethylbenzene	U	J4	0.00209	0.00662	1	12/21/2020 20:00	WG1595115
1,3,5-Trimethylbenzene	U		0.00265	0.00662	1	12/21/2020 20:00	WG1595115
Vinyl chloride	U		0.00154	0.00331	1	12/21/2020 20:00	WG1595115
Xylenes, Total	U		0.00116	0.00860	1	12/21/2020 20:00	WG1595115
(S) Toluene-d8	*102*			*75.0-131*		*12/21/2020 20:00*	WG1595115
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*12/21/2020 20:00*	WG1595115
(S) 1,2-Dichloroethane-d4	*92.9*			*70.0-130*		*12/21/2020 20:00*	WG1595115

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00626	0.0387	1	12/24/2020 21:23	WG1596446
Acenaphthylene	U		0.00545	0.0387	1	12/24/2020 21:23	WG1596446
Anthracene	U		0.00689	0.0387	1	12/24/2020 21:23	WG1596446
Benzo(a)anthracene	U		0.00682	0.0387	1	12/24/2020 21:23	WG1596446
Benzo(b)fluoranthene	U		0.00722	0.0387	1	12/24/2020 21:23	WG1596446
Benzo(k)fluoranthene	U		0.00688	0.0387	1	12/24/2020 21:23	WG1596446
Benzo(g,h,i)perylene	U		0.00708	0.0387	1	12/24/2020 21:23	WG1596446
Benzo(a)pyrene	U		0.00719	0.0387	1	12/24/2020 21:23	WG1596446
Bis(2-chlorethoxy)methane	U		0.0116	0.387	1	12/24/2020 21:23	WG1596446
Bis(2-chloroethyl)ether	U		0.0128	0.387	1	12/24/2020 21:23	WG1596446
2,2-Oxybis(1-Chloropropane)	U		0.0167	0.387	1	12/24/2020 21:23	WG1596446
4-Bromophenyl-phenylether	U		0.0136	0.387	1	12/24/2020 21:23	WG1596446
2-Chloronaphthalene	U		0.00680	0.0387	1	12/24/2020 21:23	WG1596446
4-Chlorophenyl-phenylether	U		0.0135	0.387	1	12/24/2020 21:23	WG1596446
Chrysene	U		0.00769	0.0387	1	12/24/2020 21:23	WG1596446
Dibenz(a,h)anthracene	U		0.0107	0.0387	1	12/24/2020 21:23	WG1596446
3,3-Dichlorobenzidine	U		0.0143	0.387	1	12/24/2020 21:23	WG1596446
2,4-Dinitrotoluene	U		0.0111	0.387	1	12/24/2020 21:23	WG1596446
2,6-Dinitrotoluene	U		0.0127	0.387	1	12/24/2020 21:23	WG1596446
Fluoranthene	U		0.00698	0.0387	1	12/24/2020 21:23	WG1596446
Fluorene	U		0.00630	0.0387	1	12/24/2020 21:23	WG1596446
Hexachlorobenzene	U		0.0137	0.387	1	12/24/2020 21:23	WG1596446
Hexachloro-1,3-butadiene	U		0.0130	0.387	1	12/24/2020 21:23	WG1596446
Hexachlorocyclopentadiene	U		0.0203	0.387	1	12/24/2020 21:23	WG1596446
Hexachloroethane	U		0.0152	0.387	1	12/24/2020 21:23	WG1596446
Indeno(1,2,3-cd)pyrene	U		0.0109	0.0387	1	12/24/2020 21:23	WG1596446
Isophorone	U		0.0119	0.387	1	12/24/2020 21:23	WG1596446
Naphthalene	U		0.00971	0.0387	1	12/24/2020 21:23	WG1596446

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrobenzene	U		0.0135	0.387	1	12/24/2020 21:23	WG1596446
n-Nitrosodimethylamine	U		0.0574	0.387	1	12/24/2020 21:23	WG1596446
n-Nitrosodiphenylamine	U		0.0293	0.387	1	12/24/2020 21:23	WG1596446
n-Nitrosodi-n-propylamine	U		0.0129	0.387	1	12/24/2020 21:23	WG1596446
Phenanthrene	U		0.00768	0.0387	1	12/24/2020 21:23	WG1596446
Pyridine	U		0.0256	0.387	1	12/24/2020 21:23	WG1596446
Benzylbutyl phthalate	U		0.0121	0.387	1	12/24/2020 21:23	WG1596446
Bis(2-ethylhexyl)phthalate	U		0.0490	0.387	1	12/24/2020 21:23	WG1596446
Di-n-butyl phthalate	U		0.0132	0.387	1	12/24/2020 21:23	WG1596446
Diethyl phthalate	U		0.0128	0.387	1	12/24/2020 21:23	WG1596446
Dimethyl phthalate	U		0.0820	0.387	1	12/24/2020 21:23	WG1596446
Di-n-octyl phthalate	U		0.0261	0.387	1	12/24/2020 21:23	WG1596446
Pyrene	U		0.00753	0.0387	1	12/24/2020 21:23	WG1596446
1,2,4-Trichlorobenzene	U		0.0121	0.387	1	12/24/2020 21:23	WG1596446
4-Chloro-3-methylphenol	U		0.0125	0.387	1	12/24/2020 21:23	WG1596446
2-Chlorophenol	U		0.0128	0.387	1	12/24/2020 21:23	WG1596446
2,4-Dichlorophenol	U		0.0113	0.387	1	12/24/2020 21:23	WG1596446
2,4-Dimethylphenol	U		0.0101	0.387	1	12/24/2020 21:23	WG1596446
4,6-Dinitro-2-methylphenol	U		0.0877	0.387	1	12/24/2020 21:23	WG1596446
2,4-Dinitrophenol	U		0.0905	0.387	1	12/24/2020 21:23	WG1596446
2-Methylphenol	U		0.0116	0.387	1	12/24/2020 21:23	WG1596446
3&4-Methyl Phenol	U		0.0121	0.387	1	12/24/2020 21:23	WG1596446
2-Nitrophenol	U		0.0138	0.387	1	12/24/2020 21:23	WG1596446
4-Nitrophenol	U		0.0121	0.387	1	12/24/2020 21:23	WG1596446
Pentachlorophenol	U		0.0104	0.387	1	12/24/2020 21:23	WG1596446
Phenol	U		0.0156	0.387	1	12/24/2020 21:23	WG1596446
2,4,6-Trichlorophenol	U		0.0124	0.387	1	12/24/2020 21:23	WG1596446
2,4,5-Trichlorophenol	U		0.0131	0.387	1	12/24/2020 21:23	WG1596446
(S) 2-Fluorophenol	*80.5*			*12.0-120*		*12/24/2020 21:23*	WG1596446
(S) Phenol-d5	*68.1*			*10.0-120*		*12/24/2020 21:23*	WG1596446
(S) Nitrobenzene-d5	*64.1*			*10.0-122*		*12/24/2020 21:23*	WG1596446
(S) 2-Fluorobiphenyl	*73.0*			*15.0-120*		*12/24/2020 21:23*	WG1596446
(S) 2,4,6-Tribromophenol	*101*			*10.0-127*		*12/24/2020 21:23*	WG1596446
(S) p-Terphenyl-d14	*75.5*			*10.0-120*		*12/24/2020 21:23*	WG1596446

Method Blank (MB)

(MB) R3606061-1 12/19/20 07:11

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1298078-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1298078-01 12/19/20 07:11 • (DUP) R3606061-3 12/19/20 07:11

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.6	86.1	1	1.76		10

Laboratory Control Sample (LCS)

(LCS) R3606061-2 12/19/20 07:11

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3606060-1 12/19/20 06:50

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1298078-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1298078-10 12/19/20 06:50 • (DUP) R3606060-3 12/19/20 06:50

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.8	86.9	1	2.42		10

Laboratory Control Sample (LCS)

(LCS) R3606060-2 12/19/20 06:50

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3606081-1 12/19/20 09:18

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1298078-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1298078-22 12/19/20 09:18 • (DUP) R3606081-3 12/19/20 09:18

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	92.9	92.6	1	0.341		10

Laboratory Control Sample (LCS)

(LCS) R3606081-2 12/19/20 09:18

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	49.6	99.1	85.0-115	

Method Blank (MB)

(MB) R3606088-1 12/19/20 09:33

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1298078-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1298078-32 12/19/20 09:33 • (DUP) R3606088-3 12/19/20 09:33

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	88.0	88.3	1	0.307		10

Laboratory Control Sample (LCS)

(LCS) R3606088-2 12/19/20 09:33

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3606098-1 12/19/20 10:00

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1298078-44 Original Sample (OS) • Duplicate (DUP)

(OS) L1298078-44 12/19/20 10:00 • (DUP) R3606098-3 12/19/20 10:00

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	87.2	87.6	1	0.408		10

Laboratory Control Sample (LCS)

(LCS) R3606098-2 12/19/20 10:00

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

Method Blank (MB)

(MB) R3606089-1 12/19/20 09:48

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1298078-53 Original Sample (OS) • Duplicate (DUP)

(OS) L1298078-53 12/19/20 09:48 • (DUP) R3606089-3 12/19/20 09:48

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	88.1	86.7	1	1.63		10

Laboratory Control Sample (LCS)

(LCS) R3606089-2 12/19/20 09:48

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

Method Blank (MB)

(MB) R3606466-1 12/22/20 10:37

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1297957-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1297957-01 12/22/20 10:37 • (DUP) R3606466-3 12/22/20 10:37

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	63.1	60.4	1	4.30		10

Laboratory Control Sample (LCS)

(LCS) R3606466-2 12/22/20 10:37

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3606459-1 12/22/20 09:32

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1298078-64 Original Sample (OS) • Duplicate (DUP)

(OS) L1298078-64 12/22/20 09:32 • (DUP) R3606459-3 12/22/20 09:32

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.1	86.2	1	0.206		10

Laboratory Control Sample (LCS)

(LCS) R3606459-2 12/22/20 09:32

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3607466-1 12/24/20 21:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3607466-2 12/24/20 21:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.578	116	80.0-120	

L1298078-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-13 12/24/20 21:41 • (MS) R3607466-3 12/24/20 21:43 • (MSD) R3607466-4 12/24/20 21:45

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.573	U	0.680	0.705	119	123	1	75.0-125			3.63	20

Method Blank (MB)

(MB) R3606170-1 12/22/20 10:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3606170-2 12/22/20 10:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.503	101	80.0-120	

L1295842-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1295842-03 12/22/20 10:57 • (MS) R3606170-3 12/22/20 10:59 • (MSD) R3606170-4 12/22/20 11:01

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.595	0.167	0.937	0.845	129	114	1	75.0-125	J5		10.3	20

Method Blank (MB)

(MB) R3608947-1 01/02/21 01:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3608947-2 01/02/21 01:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.502	100	80.0-120	

L1298078-49 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-49 01/02/21 01:51 • (MS) R3608947-3 01/02/21 01:53 • (MSD) R3608947-4 01/02/21 01:55

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.574	0.0605	0.575	0.627	104	98.9	1	75.0-125			4.98	20

Method Blank (MB)

(MB) R3606671-1 12/23/20 13:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3606671-2 12/23/20 13:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.464	92.8	80.0-120	

L1298311-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298311-01 12/23/20 13:44 • (MS) R3606671-3 12/23/20 13:46 • (MSD) R3606671-4 12/23/20 13:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.629	U	0.599	0.570	95.3	90.6	1	75.0-125			5.03	20

Method Blank (MB)

(MB) R3606038-1 12/21/20 20:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.544	2.00
Arsenic	U		0.518	2.00
Barium	U		0.0852	0.500
Beryllium	U		0.0315	0.200
Cadmium	U		0.0471	0.500
Chromium	U		0.133	1.00
Cobalt	U		0.0811	1.00
Copper	U		0.400	2.00
Lead	U		0.208	0.500
Molybdenum	U		0.109	0.500
Nickel	U		0.132	2.00
Selenium	U		0.764	2.00
Silver	U		0.127	1.00
Thallium	U		0.394	2.00
Vanadium	U		0.506	2.00
Zinc	1.83	J	0.832	5.00

Laboratory Control Sample (LCS)

(LCS) R3606038-2 12/21/20 20:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	100	96.8	96.8	80.0-120	
Arsenic	100	95.6	95.6	80.0-120	
Barium	100	104	104	80.0-120	
Beryllium	100	100	100	80.0-120	
Cadmium	100	95.1	95.1	80.0-120	
Chromium	100	95.0	95.0	80.0-120	
Cobalt	100	101	101	80.0-120	
Copper	100	98.2	98.2	80.0-120	
Lead	100	99.0	99.0	80.0-120	
Molybdenum	100	102	102	80.0-120	
Nickel	100	99.6	99.6	80.0-120	
Selenium	100	101	101	80.0-120	
Silver	20.0	18.6	92.9	80.0-120	
Thallium	100	102	102	80.0-120	
Vanadium	100	99.7	99.7	80.0-120	
Zinc	100	99.7	99.7	80.0-120	

L1295162-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1295162-01 12/21/20 20:18 • (MS) R3606038-5 12/21/20 20:26 • (MSD) R3606038-6 12/21/20 20:28

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	103	0.665	69.3	65.6	66.5	63.0	1	75.0-125	J6	J6	5.44	20
Arsenic	103	8.33	96.7	93.2	85.7	82.3	1	75.0-125			3.65	20
Barium	103	131	274	239	138	105	1	75.0-125	J5		13.4	20
Beryllium	103	0.377	94.0	90.0	90.8	86.9	1	75.0-125			4.38	20
Cadmium	103	0.101	89.9	86.4	87.1	83.7	1	75.0-125			3.95	20
Chromium	103	6.30	93.8	90.9	84.8	82.1	1	75.0-125			3.06	20
Cobalt	103	2.43	101	97.0	96.0	91.7	1	75.0-125			4.45	20
Copper	103	29.8	136	117	103	84.5	1	75.0-125			15.5	20
Lead	103	15.7	110	106	91.8	87.7	1	75.0-125			3.94	20
Molybdenum	103	1.88	97.3	92.3	92.6	87.7	1	75.0-125			5.33	20
Nickel	103	5.68	101	97.8	92.9	89.3	1	75.0-125			3.71	20
Selenium	103	U	93.0	89.6	90.1	86.8	1	75.0-125			3.72	20
Silver	20.6	U	17.4	16.7	84.3	81.1	1	75.0-125			3.87	20
Thallium	103	U	98.1	93.9	95.2	91.1	1	75.0-125			4.39	20
Vanadium	103	12.2	100	95.9	85.6	81.1	1	75.0-125			4.67	20
Zinc	103	64.0	136	138	70.2	71.7	1	75.0-125	J6	J6	1.12	20

Method Blank (MB)

(MB) R3605807-1 12/21/20 10:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.544	2.00
Arsenic	U		0.518	2.00
Barium	U		0.0852	0.500
Beryllium	U		0.0315	0.200
Cadmium	U		0.0471	0.500
Chromium	U		0.133	1.00
Cobalt	U		0.0811	1.00
Copper	U		0.400	2.00
Lead	U		0.208	0.500
Molybdenum	U		0.109	0.500
Nickel	U		0.132	2.00
Selenium	U		0.764	2.00
Silver	U		0.127	1.00
Thallium	U		0.394	2.00
Vanadium	U		0.506	2.00
Zinc	U		0.832	5.00

Laboratory Control Sample (LCS)

(LCS) R3605807-2 12/21/20 10:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	100	98.0	98.0	80.0-120	
Arsenic	100	97.8	97.8	80.0-120	
Barium	100	100	100	80.0-120	
Beryllium	100	102	102	80.0-120	
Cadmium	100	93.9	93.9	80.0-120	
Chromium	100	98.3	98.3	80.0-120	
Cobalt	100	98.6	98.6	80.0-120	
Copper	100	97.2	97.2	80.0-120	
Lead	100	95.6	95.6	80.0-120	
Molybdenum	100	104	104	80.0-120	
Nickel	100	95.5	95.5	80.0-120	
Selenium	100	98.5	98.5	80.0-120	
Silver	20.0	19.8	98.8	80.0-120	
Thallium	100	98.2	98.2	80.0-120	
Vanadium	100	103	103	80.0-120	
Zinc	100	98.2	98.2	80.0-120	

L1295381-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1295381-01 12/21/20 11:01 • (MS) R3605807-5 12/21/20 11:09 • (MSD) R3605807-6 12/21/20 11:12

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	115	U	47.2	48.1	41.2	42.0	1	75.0-125	J6	J6	1.91	20
Arsenic	115	4.18	104	107	86.8	89.9	1	75.0-125			3.42	20
Barium	115	118	212	225	81.9	93.0	1	75.0-125			5.85	20
Beryllium	115	0.632	101	104	87.6	90.0	1	75.0-125			2.60	20
Cadmium	115	0.338	96.1	100	83.6	87.0	1	75.0-125			4.05	20
Chromium	115	14.2	109	111	82.6	84.8	1	75.0-125			2.32	20
Cobalt	115	4.81	107	111	88.9	92.5	1	75.0-125			3.77	20
Copper	115	8.97	108	111	86.8	88.7	1	75.0-125			1.98	20
Lead	115	7.91	105	110	85.1	89.2	1	75.0-125			4.39	20
Molybdenum	115	0.249	96.5	99.8	84.0	86.9	1	75.0-125			3.38	20
Nickel	115	13.0	111	115	85.2	89.4	1	75.0-125			4.19	20
Selenium	115	U	97.6	102	85.2	89.1	1	75.0-125			4.55	20
Silver	22.9	U	20.8	21.3	91.0	93.0	1	75.0-125			2.19	20
Thallium	115	U	98.2	102	85.7	89.1	1	75.0-125			3.79	20
Vanadium	115	25.3	125	129	87.0	90.7	1	75.0-125			3.39	20
Zinc	115	43.2	129	134	74.8	79.7	1	75.0-125	J6		4.22	20

Method Blank (MB)

(MB) R3605803-1 12/21/20 05:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.544	2.00
Arsenic	U		0.518	2.00
Barium	U		0.0852	0.500
Beryllium	U		0.0315	0.200
Cadmium	U		0.0471	0.500
Chromium	U		0.133	1.00
Cobalt	U		0.0811	1.00
Copper	U		0.400	2.00
Lead	U		0.208	0.500
Molybdenum	U		0.109	0.500
Nickel	U		0.132	2.00
Selenium	U		0.764	2.00
Silver	U		0.127	1.00
Thallium	U		0.394	2.00
Vanadium	U		0.506	2.00
Zinc	U		0.832	5.00

Laboratory Control Sample (LCS)

(LCS) R3605803-2 12/21/20 05:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	100	98.8	98.8	80.0-120	
Arsenic	100	97.6	97.6	80.0-120	
Barium	100	103	103	80.0-120	
Beryllium	100	103	103	80.0-120	
Cadmium	100	96.3	96.3	80.0-120	
Chromium	100	100	100	80.0-120	
Cobalt	100	100	100	80.0-120	
Copper	100	98.9	98.9	80.0-120	
Lead	100	97.5	97.5	80.0-120	
Molybdenum	100	104	104	80.0-120	
Nickel	100	98.3	98.3	80.0-120	
Selenium	100	98.9	98.9	80.0-120	
Silver	20.0	19.8	99.1	80.0-120	
Thallium	100	99.6	99.6	80.0-120	
Vanadium	100	102	102	80.0-120	
Zinc	100	99.9	99.9	80.0-120	

L1298078-39 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-39 12/21/20 05:44 • (MS) R3605803-5 12/21/20 05:52 • (MSD) R3605803-6 12/21/20 05:55

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	115	U	35.7	33.1	31.0	28.8	1	75.0-125	J6	J6	7.49	20
Arsenic	115	11.8	114	112	88.7	87.1	1	75.0-125			1.56	20
Barium	115	87.3	189	190	88.9	89.6	1	75.0-125			0.422	20
Beryllium	115	0.607	110	104	94.9	90.1	1	75.0-125			5.18	20
Cadmium	115	0.316	104	99.6	89.9	86.4	1	75.0-125			3.89	20
Chromium	115	38.3	144	143	92.0	91.1	1	75.0-125			0.741	20
Cobalt	115	11.4	118	116	93.1	91.3	1	75.0-125			1.76	20
Copper	115	14.2	123	121	94.5	92.8	1	75.0-125			1.62	20
Lead	115	6.31	112	109	92.4	89.4	1	75.0-125			3.11	20
Molybdenum	115	2.05	101	97.3	86.0	82.9	1	75.0-125			3.56	20
Nickel	115	17.9	125	123	92.9	91.3	1	75.0-125			1.47	20
Selenium	115	U	102	98.4	88.9	85.6	1	75.0-125			3.67	20
Silver	23.0	U	21.5	20.9	93.7	90.8	1	75.0-125			3.11	20
Thallium	115	U	104	101	90.4	87.8	1	75.0-125			2.83	20
Vanadium	115	55.2	164	164	94.7	94.5	1	75.0-125			0.169	20
Zinc	115	51.8	151	155	86.3	89.7	1	75.0-125			2.52	20

Method Blank (MB)

(MB) R3606947-5 12/23/20 19:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	0.0602	J	0.0332	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.4*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3606947-4 12/23/20 17:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	5.63	102	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*77.0-120*	

Method Blank (MB)

(MB) R3607599-2 12/24/20 14:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		0.0332	0.100
(S) a,a,a-Trifluorotoluene(FID)	*93.7*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3607599-1 12/24/20 13:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	5.17	94.0	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*108*	*77.0-120*	

Method Blank (MB)

(MB) R3607703-2 12/28/20 02:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	0.0558	J	0.0332	0.100
(S) a,a,a-Trifluorotoluene(FID)	*96.8*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3607703-1 12/28/20 01:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	6.05	110	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*103*	*77.0-120*	

Method Blank (MB)

(MB) R3607971-2 12/27/20 12:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	0.0751	J	0.0332	0.100
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3607971-1 12/27/20 11:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	5.71	104	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*103*	*77.0-120*	

L1298078-64 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-64 12/27/20 17:15 • (MS) R3607971-3 12/27/20 22:59 • (MSD) R3607971-4 12/27/20 23:22

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	147	U	107	98.4	73.2	67.1	25	10.0-141			8.66	29
(S) a,a,a-Trifluorotoluene(FID)					*103*	*102*		*77.0-120*				

Method Blank (MB)

(MB) R3607979-2 12/28/20 15:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	0.0694	J	0.0332	0.100
(S) a,a,a-Trifluorotoluene(FID)	*97.8*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3607979-1 12/28/20 13:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	6.50	118	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*103*	*77.0-120*	

L1298078-44 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-44 12/28/20 19:29 • (MS) R3607979-3 12/29/20 02:11 • (MSD) R3607979-4 12/29/20 02:34

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	74.0	U	91.8	88.6	124	120	25	10.0-141			3.51	29
(S) a,a,a-Trifluorotoluene(FID)					*107*	*108*		*77.0-120*				

Method Blank (MB)

(MB) R3608373-2 12/30/20 00:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	0.0748	J	0.0332	0.100
(S) a,a,a-Trifluorotoluene(FID)	*98.0*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3608373-1 12/29/20 22:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C5 - C12	5.50	6.01	109	72.0-125	
(S) a,a,a-Trifluorotoluene(FID)			*103*	*77.0-120*	

Method Blank (MB)

(MB) R3606992-2 12/20/20 06:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00250
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250
p-Isopropyltoluene	U		0.00255	0.00500

Method Blank (MB)

(MB) R3606992-2 12/20/20 06:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*116*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*80.1*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3606992-1 12/20/20 05:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.510	81.6	10.0-160	
Acrylonitrile	0.625	0.557	89.1	45.0-153	
Benzene	0.125	0.120	96.0	70.0-123	
Bromobenzene	0.125	0.115	92.0	73.0-121	
Bromodichloromethane	0.125	0.106	84.8	73.0-121	
Bromoform	0.125	0.136	109	64.0-132	

Laboratory Control Sample (LCS)

(LCS) R3606992-1 12/20/20 05:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromomethane	0.125	0.126	101	56.0-147	
n-Butylbenzene	0.125	0.102	81.6	68.0-135	
sec-Butylbenzene	0.125	0.104	83.2	74.0-130	
tert-Butylbenzene	0.125	0.108	86.4	75.0-127	
Carbon tetrachloride	0.125	0.109	87.2	66.0-128	
Chlorobenzene	0.125	0.131	105	76.0-128	
Chlorodibromomethane	0.125	0.119	95.2	74.0-127	
Chloroethane	0.125	0.122	97.6	61.0-134	
Chloromethane	0.125	0.115	92.0	51.0-138	
2-Chlorotoluene	0.125	0.107	85.6	75.0-124	
4-Chlorotoluene	0.125	0.101	80.8	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.101	80.8	59.0-130	
1,2-Dibromoethane	0.125	0.120	96.0	74.0-128	
Dibromomethane	0.125	0.122	97.6	75.0-122	
1,2-Dichlorobenzene	0.125	0.121	96.8	76.0-124	
1,3-Dichlorobenzene	0.125	0.114	91.2	76.0-125	
1,4-Dichlorobenzene	0.125	0.114	91.2	77.0-121	
Dichlorodifluoromethane	0.125	0.162	130	43.0-156	
1,1-Dichloroethane	0.125	0.105	84.0	70.0-127	
1,2-Dichloroethane	0.125	0.0958	76.6	65.0-131	
1,1-Dichloroethene	0.125	0.117	93.6	65.0-131	
cis-1,2-Dichloroethene	0.125	0.125	100	73.0-125	
trans-1,2-Dichloroethene	0.125	0.123	98.4	71.0-125	
1,2-Dichloropropane	0.125	0.105	84.0	74.0-125	
1,1-Dichloropropene	0.125	0.117	93.6	73.0-125	
1,3-Dichloropropane	0.125	0.113	90.4	80.0-125	
cis-1,3-Dichloropropene	0.125	0.101	80.8	76.0-127	
trans-1,3-Dichloropropene	0.125	0.108	86.4	73.0-127	
2,2-Dichloropropane	0.125	0.109	87.2	59.0-135	
Di-isopropyl ether	0.125	0.0973	77.8	60.0-136	
Ethylbenzene	0.125	0.131	105	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.111	88.8	57.0-150	
Isopropylbenzene	0.125	0.129	103	72.0-127	
p-Isopropyltoluene	0.125	0.105	84.0	72.0-133	
2-Butanone (MEK)	0.625	0.447	71.5	30.0-160	
Methylene Chloride	0.125	0.118	94.4	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.436	69.8	56.0-143	
Methyl tert-butyl ether	0.125	0.118	94.4	66.0-132	
Naphthalene	0.125	0.117	93.6	59.0-130	
n-Propylbenzene	0.125	0.101	80.8	74.0-126	

Laboratory Control Sample (LCS)

(LCS) R3606992-1 12/20/20 05:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Styrene	0.125	0.124	99.2	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.134	107	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.102	81.6	68.0-128	
Tetrachloroethene	0.125	0.127	102	70.0-136	
Toluene	0.125	0.117	93.6	75.0-121	
1,1,2-Trichlorotrifluoroethane	0.125	0.115	92.0	61.0-139	
1,2,3-Trichlorobenzene	0.125	0.136	109	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.132	106	62.0-137	
1,1,1-Trichloroethane	0.125	0.117	93.6	69.0-126	
1,1,2-Trichloroethane	0.125	0.126	101	78.0-123	
Trichloroethene	0.125	0.128	102	76.0-126	
Trichlorofluoromethane	0.125	0.109	87.2	61.0-142	
1,2,3-Trichloropropane	0.125	0.105	84.0	67.0-129	
1,2,3-Trimethylbenzene	0.125	0.109	87.2	74.0-124	
1,2,4-Trimethylbenzene	0.125	0.103	82.4	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.107	85.6	73.0-127	
Vinyl chloride	0.125	0.118	94.4	63.0-134	
Xylenes, Total	0.375	0.390	104	72.0-127	
(S) Toluene-d8			*108*	*75.0-131*	
(S) 4-Bromofluorobenzene			*109*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*91.9*	*70.0-130*	

Method Blank (MB)

(MB) R3606637-3 12/20/20 10:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00250
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R3606637-3 12/20/20 10:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3606637-1 12/20/20 08:52 • (LCSD) R3606637-2 12/20/20 09:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	1.28	1.15	205	184	10.0-160	J4	J4	10.7	31
Acrylonitrile	0.625	0.845	0.779	135	125	45.0-153			8.13	22
Benzene	0.125	0.123	0.125	98.4	100	70.0-123			1.61	20
Bromobenzene	0.125	0.121	0.127	96.8	102	73.0-121			4.84	20
Bromodichloromethane	0.125	0.109	0.113	87.2	90.4	73.0-121			3.60	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3606637-1 12/20/20 08:52 • (LCSD) R3606637-2 12/20/20 09:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.130	0.131	104	105	64.0-132			0.766	20
Bromomethane	0.125	0.0984	0.105	78.7	84.0	56.0-147			6.49	20
n-Butylbenzene	0.125	0.0918	0.0945	73.4	75.6	68.0-135			2.90	20
sec-Butylbenzene	0.125	0.104	0.108	83.2	86.4	74.0-130			3.77	20
tert-Butylbenzene	0.125	0.112	0.115	89.6	92.0	75.0-127			2.64	20
Carbon tetrachloride	0.125	0.102	0.105	81.6	84.0	66.0-128			2.90	20
Chlorobenzene	0.125	0.127	0.130	102	104	76.0-128			2.33	20
Chlorodibromomethane	0.125	0.119	0.121	95.2	96.8	74.0-127			1.67	20
Chloroethane	0.125	0.118	0.126	94.4	101	61.0-134			6.56	20
Chloroform	0.125	0.118	0.120	94.4	96.0	72.0-123			1.68	20
Chloromethane	0.125	0.125	0.130	100	104	51.0-138			3.92	20
2-Chlorotoluene	0.125	0.104	0.107	83.2	85.6	75.0-124			2.84	20
4-Chlorotoluene	0.125	0.106	0.110	84.8	88.0	75.0-124			3.70	20
1,2-Dibromo-3-Chloropropane	0.125	0.116	0.115	92.8	92.0	59.0-130			0.866	20
1,2-Dibromoethane	0.125	0.114	0.118	91.2	94.4	74.0-128			3.45	20
Dibromomethane	0.125	0.125	0.124	100	99.2	75.0-122			0.803	20
1,2-Dichlorobenzene	0.125	0.109	0.110	87.2	88.0	76.0-124			0.913	20
1,3-Dichlorobenzene	0.125	0.114	0.119	91.2	95.2	76.0-125			4.29	20
1,4-Dichlorobenzene	0.125	0.116	0.119	92.8	95.2	77.0-121			2.55	20
Dichlorodifluoromethane	0.125	0.0944	0.0948	75.5	75.8	43.0-156			0.423	20
1,1-Dichloroethane	0.125	0.124	0.127	99.2	102	70.0-127			2.39	20
1,2-Dichloroethane	0.125	0.128	0.127	102	102	65.0-131			0.784	20
1,1-Dichloroethene	0.125	0.127	0.135	102	108	65.0-131			6.11	20
cis-1,2-Dichloroethene	0.125	0.132	0.127	106	102	73.0-125			3.86	20
trans-1,2-Dichloroethene	0.125	0.119	0.122	95.2	97.6	71.0-125			2.49	20
1,2-Dichloropropane	0.125	0.136	0.135	109	108	74.0-125			0.738	20
1,1-Dichloropropene	0.125	0.123	0.129	98.4	103	73.0-125			4.76	20
1,3-Dichloropropane	0.125	0.115	0.115	92.0	92.0	80.0-125			0.000	20
cis-1,3-Dichloropropene	0.125	0.111	0.114	88.8	91.2	76.0-127			2.67	20
trans-1,3-Dichloropropene	0.125	0.102	0.106	81.6	84.8	73.0-127			3.85	20
2,2-Dichloropropane	0.125	0.113	0.109	90.4	87.2	59.0-135			3.60	20
Di-isopropyl ether	0.125	0.133	0.132	106	106	60.0-136			0.755	20
Ethylbenzene	0.125	0.124	0.130	99.2	104	74.0-126			4.72	20
Hexachloro-1,3-butadiene	0.125	0.106	0.112	84.8	89.6	57.0-150			5.50	20
Isopropylbenzene	0.125	0.127	0.130	102	104	72.0-127			2.33	20
p-Isopropyltoluene	0.125	0.101	0.103	80.8	82.4	72.0-133			1.96	20
2-Butanone (MEK)	0.625	0.803	0.803	128	128	30.0-160			0.000	24
Methylene Chloride	0.125	0.128	0.130	102	104	68.0-123			1.55	20
4-Methyl-2-pentanone (MIBK)	0.625	0.696	0.703	111	112	56.0-143			1.00	20
Methyl tert-butyl ether	0.125	0.125	0.120	100	96.0	66.0-132			4.08	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3606637-1 12/20/20 08:52 • (LCSD) R3606637-2 12/20/20 09:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0960	0.0939	76.8	75.1	59.0-130			2.21	20
n-Propylbenzene	0.125	0.108	0.112	86.4	89.6	74.0-126			3.64	20
Styrene	0.125	0.124	0.128	99.2	102	72.0-127			3.17	20
1,1,1,2-Tetrachloroethane	0.125	0.121	0.120	96.8	96.0	74.0-129			0.830	20
1,1,2,2-Tetrachloroethane	0.125	0.101	0.0996	80.8	79.7	68.0-128			1.40	20
Tetrachloroethene	0.125	0.158	0.166	126	133	70.0-136			4.94	20
Toluene	0.125	0.123	0.129	98.4	103	75.0-121			4.76	20
1,1,2-Trichlorotrifluoroethane	0.125	0.0984	0.103	78.7	82.4	61.0-139			4.57	20
1,2,3-Trichlorobenzene	0.125	0.0925	0.0965	74.0	77.2	59.0-139			4.23	20
1,2,4-Trichlorobenzene	0.125	0.100	0.101	80.0	80.8	62.0-137			0.995	20
1,1,1-Trichloroethane	0.125	0.118	0.112	94.4	89.6	69.0-126			5.22	20
1,1,2-Trichloroethane	0.125	0.120	0.123	96.0	98.4	78.0-123			2.47	20
Trichloroethene	0.125	0.138	0.146	110	117	76.0-126			5.63	20
Trichlorofluoromethane	0.125	0.0960	0.0988	76.8	79.0	61.0-142			2.87	20
1,2,3-Trichloropropane	0.125	0.114	0.117	91.2	93.6	67.0-129			2.60	20
1,2,3-Trimethylbenzene	0.125	0.0982	0.0989	78.6	79.1	74.0-124			0.710	20
1,2,4-Trimethylbenzene	0.125	0.106	0.107	84.8	85.6	70.0-126			0.939	20
1,3,5-Trimethylbenzene	0.125	0.108	0.112	86.4	89.6	73.0-127			3.64	20
Vinyl chloride	0.125	0.104	0.111	83.2	88.8	63.0-134			6.51	20
Xylenes, Total	0.375	0.384	0.384	102	102	72.0-127			0.000	20
(S) Toluene-d8				*103*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.0*	*98.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*97.2*	*95.4*	*70.0-130*				

L1299024-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1299024-12 12/20/20 15:42 • (MS) R3606637-4 12/20/20 18:06 • (MSD) R3606637-5 12/20/20 18:25

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	U	0.470	0.440	75.2	70.4	1	10.0-160			6.59	40
Acrylonitrile	0.625	U	0.724	0.721	116	115	1	10.0-160			0.415	40
Benzene	0.125	U	0.138	0.0714	110	57.1	1	10.0-149		J3	63.6	37
Bromobenzene	0.125	U	0.144	0.0933	115	74.6	1	10.0-156		J3	42.7	38
Bromodichloromethane	0.125	U	0.123	0.0832	98.4	66.6	1	10.0-143		J3	38.6	37
Bromoform	0.125	U	0.143	0.120	114	96.0	1	10.0-146			17.5	36
Bromomethane	0.125	U	0.0848	0.0423	67.8	33.8	1	10.0-149		J3	66.9	38
n-Butylbenzene	0.125	U	0.118	0.0591	94.4	47.3	1	10.0-160		J3	66.5	40
sec-Butylbenzene	0.125	U	0.131	0.0605	105	48.4	1	10.0-159		J3	73.6	39
tert-Butylbenzene	0.125	U	0.136	0.0647	109	51.8	1	10.0-156		J3	71.1	39

L1299024-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1299024-12 12/20/20 15:42 • (MS) R3606637-4 12/20/20 18:06 • (MSD) R3606637-5 12/20/20 18:25

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.125	U	0.130	0.0488	104	39.0	1	10.0-145		J3	90.8	37
Chlorobenzene	0.125	U	0.150	0.0895	120	71.6	1	10.0-152		J3	50.5	39
Chlorodibromomethane	0.125	U	0.131	0.101	105	80.8	1	10.0-146			25.9	37
Chloroethane	0.125	U	0.0760	0.0374	60.8	29.9	1	10.0-146		J3	68.1	40
Chloroform	0.125	U	0.139	0.0742	111	59.4	1	10.0-146		J3	60.8	37
Chloromethane	0.125	U	0.139	0.0215	111	17.2	1	10.0-159		J3	146	37
2-Chlorotoluene	0.125	U	0.128	0.0700	102	56.0	1	10.0-159		J3	58.6	38
4-Chlorotoluene	0.125	U	0.127	0.0717	102	57.4	1	10.0-155		J3	55.7	39
1,2-Dibromo-3-Chloropropane	0.125	U	0.107	0.0900	85.6	72.0	1	10.0-151			17.3	39
1,2-Dibromoethane	0.125	U	0.128	0.104	102	83.2	1	10.0-148			20.7	34
Dibromomethane	0.125	U	0.129	0.0994	103	79.5	1	10.0-147			25.9	35
1,2-Dichlorobenzene	0.125	U	0.123	0.0864	98.4	69.1	1	10.0-155			35.0	37
1,3-Dichlorobenzene	0.125	U	0.136	0.0850	109	68.0	1	10.0-153		J3	46.2	38
1,4-Dichlorobenzene	0.125	U	0.135	0.0892	108	71.4	1	10.0-151		J3	40.9	38
Dichlorodifluoromethane	0.125	U	0.114	0.0342	91.2	27.4	1	10.0-160		J3	108	35
1,1-Dichloroethane	0.125	U	0.143	0.0734	114	58.7	1	10.0-147		J3	64.3	37
1,2-Dichloroethane	0.125	U	0.125	0.0968	100	77.4	1	10.0-148			25.4	35
1,1-Dichloroethene	0.125	U	0.153	0.0532	122	42.6	1	10.0-155		J3	96.8	37
cis-1,2-Dichloroethene	0.125	U	0.141	0.0843	113	67.4	1	10.0-149		J3	50.3	37
trans-1,2-Dichloroethene	0.125	U	0.139	0.0625	111	50.0	1	10.0-150		J3	75.9	37
1,2-Dichloropropane	0.125	U	0.148	0.0908	118	72.6	1	10.0-148		J3	47.9	37
1,1-Dichloropropene	0.125	U	0.147	0.0556	118	44.5	1	10.0-153		J3	90.2	35
1,3-Dichloropropane	0.125	U	0.128	0.100	102	80.0	1	10.0-154			24.6	35
cis-1,3-Dichloropropene	0.125	U	0.137	0.0926	110	74.1	1	10.0-151		J3	38.7	37
trans-1,3-Dichloropropene	0.125	U	0.122	0.0909	97.6	72.7	1	10.0-148			29.2	37
2,2-Dichloropropane	0.125	U	0.103	0.0422	82.4	33.8	1	10.0-138		J3	83.7	36
Di-isopropyl ether	0.125	U	0.145	0.102	116	81.6	1	10.0-147			34.8	36
Ethylbenzene	0.125	U	0.148	0.0727	118	58.2	1	10.0-160		J3	68.2	38
Hexachloro-1,3-butadiene	0.125	U	0.139	0.0772	111	61.8	1	10.0-160		J3	57.2	40
Isopropylbenzene	0.125	U	0.153	0.0722	122	57.8	1	10.0-155		J3	71.8	38
p-Isopropyltoluene	0.125	U	0.127	0.0619	102	49.5	1	10.0-160		J3	68.9	40
2-Butanone (MEK)	0.625	U	0.645	0.631	103	101	1	10.0-160			2.19	40
Methylene Chloride	0.125	U	0.143	0.0154	114	12.3	1	10.0-141		J3	161	37
4-Methyl-2-pentanone (MIBK)	0.625	U	0.678	0.614	108	98.2	1	10.0-160			9.91	35
Methyl tert-butyl ether	0.125	U	0.125	0.104	100	83.2	1	11.0-147			18.3	35
Naphthalene	0.125	U	0.0999	0.0838	79.9	67.0	1	10.0-160			17.5	36
n-Propylbenzene	0.125	U	0.133	0.0631	106	50.5	1	10.0-158		J3	71.3	38
Styrene	0.125	U	0.145	0.0895	116	71.6	1	10.0-160		J3	47.3	40
1,1,1,2-Tetrachloroethane	0.125	U	0.137	0.0889	110	71.1	1	10.0-149		J3	42.6	39
1,1,2,2-Tetrachloroethane	0.125	U	0.100	0.0861	80.0	68.9	1	10.0-160			14.9	35

L1299024-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1299024-12 12/20/20 15:42 • (MS) R3606637-4 12/20/20 18:06 • (MSD) R3606637-5 12/20/20 18:25

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.125	U	0.190	0.0768	152	61.4	1	10.0-156		J3	84.9	39
Toluene	0.125	U	0.146	0.0740	117	59.2	1	10.0-156		J3	65.5	38
1,1,2-Trichlorotrifluoroethane	0.125	U	0.120	0.0366	96.0	29.3	1	10.0-160		J3	107	36
1,2,3-Trichlorobenzene	0.125	U	0.112	0.0886	89.6	70.9	1	10.0-160			23.3	40
1,2,4-Trichlorobenzene	0.125	U	0.121	0.0880	96.8	70.4	1	10.0-160			31.6	40
1,1,1-Trichloroethane	0.125	U	0.133	0.0530	106	42.4	1	10.0-144		J3	86.0	35
1,1,2-Trichloroethane	0.125	U	0.132	0.107	106	85.6	1	10.0-160			20.9	35
Trichloroethene	0.125	U	0.166	0.0821	133	65.7	1	10.0-156		J3	67.6	38
Trichlorofluoromethane	0.125	U	0.0634	0.0255	50.7	20.4	1	10.0-160		J3	85.3	40
1,2,3-Trichloropropane	0.125	U	0.120	0.101	96.0	80.8	1	10.0-156			17.2	35
1,2,3-Trimethylbenzene	0.125	U	0.113	0.0695	90.4	55.6	1	10.0-160		J3	47.7	36
1,2,4-Trimethylbenzene	0.125	U	0.124	0.0706	99.2	56.5	1	10.0-160		J3	54.9	36
1,3,5-Trimethylbenzene	0.125	U	0.131	0.0669	105	53.5	1	10.0-160		J3	64.8	38
Vinyl chloride	0.125	U	0.123	0.0429	98.4	34.3	1	10.0-160		J3	96.6	37
Xylenes, Total	0.375	U	0.443	0.234	118	62.4	1	10.0-160		J3	61.7	38
(S) Toluene-d8					*103*	*103*		*75.0-131*				
(S) 4-Bromofluorobenzene					*99.7*	*99.7*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*90.8*	*93.3*		*70.0-130*				

Method Blank (MB)

(MB) R3607440-2 12/20/20 10:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00250
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R3607440-2 12/20/20 10:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*113*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*85.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3607440-1 12/20/20 09:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.352	56.3	10.0-160	
Acrylonitrile	0.625	0.491	78.6	45.0-153	
Benzene	0.125	0.129	103	70.0-123	
Bromobenzene	0.125	0.146	117	73.0-121	
Bromodichloromethane	0.125	0.121	96.8	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R3607440-1 12/20/20 09:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.0955	76.4	64.0-132	
Bromomethane	0.125	0.137	110	56.0-147	
n-Butylbenzene	0.125	0.119	95.2	68.0-135	
sec-Butylbenzene	0.125	0.127	102	74.0-130	
tert-Butylbenzene	0.125	0.134	107	75.0-127	
Carbon tetrachloride	0.125	0.124	99.2	66.0-128	
Chlorobenzene	0.125	0.134	107	76.0-128	
Chlorodibromomethane	0.125	0.128	102	74.0-127	
Chloroethane	0.125	0.123	98.4	61.0-134	
Chloroform	0.125	0.129	103	72.0-123	
Chloromethane	0.125	0.0920	73.6	51.0-138	
2-Chlorotoluene	0.125	0.137	110	75.0-124	
4-Chlorotoluene	0.125	0.139	111	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.103	82.4	59.0-130	
1,2-Dibromoethane	0.125	0.125	100	74.0-128	
Dibromomethane	0.125	0.125	100	75.0-122	
1,2-Dichlorobenzene	0.125	0.136	109	76.0-124	
1,3-Dichlorobenzene	0.125	0.132	106	76.0-125	
1,4-Dichlorobenzene	0.125	0.127	102	77.0-121	
Dichlorodifluoromethane	0.125	0.121	96.8	43.0-156	
1,1-Dichloroethane	0.125	0.127	102	70.0-127	
1,2-Dichloroethane	0.125	0.111	88.8	65.0-131	
1,1-Dichloroethene	0.125	0.106	84.8	65.0-131	
cis-1,2-Dichloroethene	0.125	0.121	96.8	73.0-125	
trans-1,2-Dichloroethene	0.125	0.122	97.6	71.0-125	
1,2-Dichloropropane	0.125	0.121	96.8	74.0-125	
1,1-Dichloropropene	0.125	0.133	106	73.0-125	
1,3-Dichloropropane	0.125	0.123	98.4	80.0-125	
cis-1,3-Dichloropropene	0.125	0.138	110	76.0-127	
trans-1,3-Dichloropropene	0.125	0.131	105	73.0-127	
2,2-Dichloropropane	0.125	0.125	100	59.0-135	
Di-isopropyl ether	0.125	0.126	101	60.0-136	
Ethylbenzene	0.125	0.138	110	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.122	97.6	57.0-150	
Isopropylbenzene	0.125	0.131	105	72.0-127	
p-Isopropyltoluene	0.125	0.134	107	72.0-133	
2-Butanone (MEK)	0.625	0.495	79.2	30.0-160	
Methylene Chloride	0.125	0.111	88.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.586	93.8	56.0-143	
Methyl tert-butyl ether	0.125	0.120	96.0	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R3607440-1 12/20/20 09:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.112	89.6	59.0-130	
n-Propylbenzene	0.125	0.135	108	74.0-126	
Styrene	0.125	0.123	98.4	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.124	99.2	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.119	95.2	68.0-128	
Tetrachloroethene	0.125	0.113	90.4	70.0-136	
Toluene	0.125	0.132	106	75.0-121	
1,1,2-Trichlorotrifluoroethane	0.125	0.111	88.8	61.0-139	
1,2,3-Trichlorobenzene	0.125	0.125	100	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.123	98.4	62.0-137	
1,1,1-Trichloroethane	0.125	0.128	102	69.0-126	
1,1,2-Trichloroethane	0.125	0.130	104	78.0-123	
Trichloroethene	0.125	0.121	96.8	76.0-126	
Trichlorofluoromethane	0.125	0.109	87.2	61.0-142	
1,2,3-Trichloropropane	0.125	0.134	107	67.0-129	
1,2,3-Trimethylbenzene	0.125	0.133	106	74.0-124	
1,2,4-Trimethylbenzene	0.125	0.133	106	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.137	110	73.0-127	
Vinyl chloride	0.125	0.114	91.2	63.0-134	
Xylenes, Total	0.375	0.414	110	72.0-127	
(S) Toluene-d8			*105*	*75.0-131*	
(S) 4-Bromofluorobenzene			*102*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*95.3*	*70.0-130*	

L1298078-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-36 12/20/20 15:01 • (MS) R3607440-3 12/20/20 17:52 • (MSD) R3607440-4 12/20/20 18:11

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.773	U	0.219	0.215	28.3	27.8	1	10.0-160			1.71	40
Acrylonitrile	0.773	U	0.469	0.375	60.6	48.5	1	10.0-160			22.3	40
Benzene	0.155	U	0.126	0.177	81.6	114	1	10.0-149			33.5	37
Bromobenzene	0.155	U	0.164	0.216	106	140	1	10.0-156			27.3	38
Bromodichloromethane	0.155	U	0.131	0.164	84.8	106	1	10.0-143			22.6	37
Bromoform	0.155	U	0.111	0.121	71.8	78.5	1	10.0-146			8.95	36
Bromomethane	0.155	U	0.126	0.167	81.6	108	1	10.0-149			27.8	38
n-Butylbenzene	0.155	U	0.139	0.195	89.6	126	1	10.0-160			34.1	40
sec-Butylbenzene	0.155	U	0.151	0.220	97.6	142	1	10.0-159			37.3	39
tert-Butylbenzene	0.155	U	0.155	0.220	100	142	1	10.0-156			35.0	39

L1298078-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-36 12/20/20 15:01 • (MS) R3607440-3 12/20/20 17:52 • (MSD) R3607440-4 12/20/20 18:11

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.155	U	0.122	0.190	78.9	123	1	10.0-145		J3	43.9	37
Chlorobenzene	0.155	U	0.140	0.189	90.4	122	1	10.0-152			30.1	39
Chlorodibromomethane	0.155	U	0.139	0.174	89.6	113	1	10.0-146			22.9	37
Chloroethane	0.155	U	0.0720	0.104	46.6	67.4	1	10.0-146			36.5	40
Chloroform	0.155	U	0.122	0.164	78.6	106	1	10.0-146			30.0	37
Chloromethane	0.155	U	0.0772	0.118	49.9	76.6	1	10.0-159		J3	42.2	37
2-Chlorotoluene	0.155	U	0.160	0.208	103	134	1	10.0-159			26.3	38
4-Chlorotoluene	0.155	U	0.158	0.209	102	135	1	10.0-155			27.6	39
1,2-Dibromo-3-Chloropropane	0.155	U	0.118	0.126	76.5	81.6	1	10.0-151			6.48	39
1,2-Dibromoethane	0.155	U	0.147	0.168	95.2	109	1	10.0-148			13.3	34
Dibromomethane	0.155	U	0.135	0.150	87.2	96.8	1	10.0-147			10.4	35
1,2-Dichlorobenzene	0.155	U	0.156	0.192	101	124	1	10.0-155			20.6	37
1,3-Dichlorobenzene	0.155	U	0.142	0.198	92.0	128	1	10.0-153			32.7	38
1,4-Dichlorobenzene	0.155	U	0.153	0.190	99.2	123	1	10.0-151			21.6	38
Dichlorodifluoromethane	0.155	U	0.108	0.197	70.2	127	1	10.0-160		J3	57.8	35
1,1-Dichloroethane	0.155	U	0.109	0.147	70.5	95.2	1	10.0-147			29.8	37
1,2-Dichloroethane	0.155	U	0.108	0.140	69.8	90.4	1	10.0-148			25.8	35
1,1-Dichloroethene	0.155	U	0.0983	0.160	63.6	103	1	10.0-155		J3	47.5	37
cis-1,2-Dichloroethene	0.155	U	0.119	0.169	76.7	110	1	10.0-149			35.3	37
trans-1,2-Dichloroethene	0.155	U	0.119	0.158	76.7	102	1	10.0-150			28.7	37
1,2-Dichloropropane	0.155	U	0.129	0.164	83.2	106	1	10.0-148			24.5	37
1,1-Dichloropropene	0.155	U	0.117	0.190	75.5	123	1	10.0-153		J3	48.0	35
1,3-Dichloropropane	0.155	U	0.152	0.177	98.4	114	1	10.0-154			15.0	35
cis-1,3-Dichloropropene	0.155	U	0.157	0.189	102	122	1	10.0-151			18.6	37
trans-1,3-Dichloropropene	0.155	U	0.152	0.177	98.4	114	1	10.0-148			15.0	37
2,2-Dichloropropane	0.155	U	0.100	0.163	64.9	106	1	10.0-138		J3	47.8	36
Di-isopropyl ether	0.155	U	0.121	0.142	78.0	92.0	1	10.0-147			16.5	36
Ethylbenzene	0.155	U	0.127	0.192	82.4	124	1	10.0-160		J3	40.3	38
Hexachloro-1,3-butadiene	0.155	U	0.146	0.221	94.4	143	1	10.0-160		J3	41.1	40
Isopropylbenzene	0.155	U	0.129	0.188	83.2	122	1	10.0-155			37.5	38
p-Isopropyltoluene	0.155	U	0.151	0.202	97.6	130	1	10.0-160			28.8	40
2-Butanone (MEK)	0.773	U	0.565	0.585	73.1	75.7	1	10.0-160			3.44	40
Methylene Chloride	0.155	U	0.118	0.155	76.3	100	1	10.0-141			26.9	37
4-Methyl-2-pentanone (MIBK)	0.773	U	0.634	0.652	82.1	84.3	1	10.0-160			2.69	35
Methyl tert-butyl ether	0.155	U	0.119	0.139	77.2	89.6	1	11.0-147			14.9	35
Naphthalene	0.155	U	0.130	0.139	84.0	89.6	1	10.0-160			6.45	36
n-Propylbenzene	0.155	U	0.146	0.209	94.4	135	1	10.0-158			35.5	38
Styrene	0.155	U	0.131	0.173	84.8	112	1	10.0-160			27.6	40
1,1,1,2-Tetrachloroethane	0.155	U	0.130	0.160	84.0	103	1	10.0-149			20.5	39

L1298078-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-36 12/20/20 15:01 • (MS) R3607440-3 12/20/20 17:52 • (MSD) R3607440-4 12/20/20 18:11

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,2,2-Tetrachloroethane	0.155	U	0.171	0.177	110	114	1	10.0-160			3.56	35
Tetrachloroethene	0.155	U	0.118	0.169	76.6	110	1	10.0-156			35.4	39
Toluene	0.155	U	0.137	0.193	88.8	125	1	10.0-156			33.7	38
1,1,2-Trichlorotrifluoroethane	0.155	U	0.121	0.194	78.5	126	1	10.0-160		J3	46.2	36
1,2,3-Trichlorobenzene	0.155	U	0.141	0.176	91.2	114	1	10.0-160			21.9	40
1,2,4-Trichlorobenzene	0.155	U	0.152	0.172	98.4	111	1	10.0-160			12.2	40
1,1,1-Trichloroethane	0.155	U	0.117	0.179	75.5	116	1	10.0-144		J3	42.3	35
1,1,2-Trichloroethane	0.155	U	0.152	0.179	98.4	116	1	10.0-160			16.4	35
Trichloroethene	0.155	U	0.119	0.168	76.9	109	1	10.0-156			34.4	38
Trichlorofluoromethane	0.155	U	0.118	0.224	76.2	145	1	10.0-160		J3	62.0	40
1,2,3-Trichloropropane	0.155	U	0.166	0.181	107	117	1	10.0-156			8.57	35
1,2,3-Trimethylbenzene	0.155	U	0.148	0.195	96.0	126	1	10.0-160			27.3	36
1,2,4-Trimethylbenzene	0.155	U	0.143	0.198	92.8	128	1	10.0-160			31.9	36
1,3,5-Trimethylbenzene	0.155	U	0.152	0.214	98.4	138	1	10.0-160			33.8	38
Vinyl chloride	0.155	U	0.0941	0.156	60.9	101	1	10.0-160		J3	49.4	37
Xylenes, Total	0.464	U	0.414	0.583	89.3	126	1	10.0-160			33.7	38
(S) Toluene-d8					*105*	*110*		*75.0-131*				
(S) 4-Bromofluorobenzene					*99.4*	*98.3*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*84.6*	*86.8*		*70.0-130*				

Method Blank (MB)

(MB) R3607917-3 12/21/20 15:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00250
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R3607917-3 12/21/20 15:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3607917-1 12/21/20 13:48 • (LCSD) R3607917-2 12/21/20 14:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.685	0.663	110	106	10.0-160			3.26	31
Acrylonitrile	0.625	0.509	0.535	81.4	85.6	45.0-153			4.98	22
Benzene	0.125	0.112	0.122	89.6	97.6	70.0-123			8.55	20
Bromobenzene	0.125	0.118	0.123	94.4	98.4	73.0-121			4.15	20
Bromodichloromethane	0.125	0.107	0.112	85.6	89.6	73.0-121			4.57	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3607917-1 12/21/20 13:48 • (LCSD) R3607917-2 12/21/20 14:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.128	0.128	102	102	64.0-132			0.000	20
Bromomethane	0.125	0.148	0.167	118	134	56.0-147			12.1	20
n-Butylbenzene	0.125	0.0875	0.0943	70.0	75.4	68.0-135			7.48	20
sec-Butylbenzene	0.125	0.0960	0.106	76.8	84.8	74.0-130			9.90	20
tert-Butylbenzene	0.125	0.103	0.114	82.4	91.2	75.0-127			10.1	20
Carbon tetrachloride	0.125	0.0897	0.105	71.8	84.0	66.0-128			15.7	20
Chlorobenzene	0.125	0.118	0.130	94.4	104	76.0-128			9.68	20
Chlorodibromomethane	0.125	0.111	0.118	88.8	94.4	74.0-127			6.11	20
Chloroethane	0.125	0.140	0.135	112	108	61.0-134			3.64	20
Chloroform	0.125	0.104	0.115	83.2	92.0	72.0-123			10.0	20
Chloromethane	0.125	0.116	0.125	92.8	100	51.0-138			7.47	20
2-Chlorotoluene	0.125	0.0986	0.101	78.9	80.8	75.0-124			2.40	20
4-Chlorotoluene	0.125	0.0999	0.108	79.9	86.4	75.0-124			7.79	20
1,2-Dibromo-3-Chloropropane	0.125	0.101	0.104	80.8	83.2	59.0-130			2.93	20
1,2-Dibromoethane	0.125	0.111	0.112	88.8	89.6	74.0-128			0.897	20
Dibromomethane	0.125	0.111	0.114	88.8	91.2	75.0-122			2.67	20
1,2-Dichlorobenzene	0.125	0.0997	0.105	79.8	84.0	76.0-124			5.18	20
1,3-Dichlorobenzene	0.125	0.109	0.115	87.2	92.0	76.0-125			5.36	20
1,4-Dichlorobenzene	0.125	0.112	0.117	89.6	93.6	77.0-121			4.37	20
Dichlorodifluoromethane	0.125	0.0829	0.104	66.3	83.2	43.0-156		J3	22.6	20
1,1-Dichloroethane	0.125	0.109	0.122	87.2	97.6	70.0-127			11.3	20
1,2-Dichloroethane	0.125	0.111	0.114	88.8	91.2	65.0-131			2.67	20
1,1-Dichloroethene	0.125	0.120	0.137	96.0	110	65.0-131			13.2	20
cis-1,2-Dichloroethene	0.125	0.116	0.120	92.8	96.0	73.0-125			3.39	20
trans-1,2-Dichloroethene	0.125	0.112	0.123	89.6	98.4	71.0-125			9.36	20
1,2-Dichloropropane	0.125	0.121	0.128	96.8	102	74.0-125			5.62	20
1,1-Dichloropropene	0.125	0.114	0.127	91.2	102	73.0-125			10.8	20
1,3-Dichloropropane	0.125	0.107	0.110	85.6	88.0	80.0-125			2.76	20
cis-1,3-Dichloropropene	0.125	0.119	0.121	95.2	96.8	76.0-127			1.67	20
trans-1,3-Dichloropropene	0.125	0.102	0.106	81.6	84.8	73.0-127			3.85	20
2,2-Dichloropropane	0.125	0.101	0.110	80.8	88.0	59.0-135			8.53	20
Di-isopropyl ether	0.125	0.119	0.127	95.2	102	60.0-136			6.50	20
Ethylbenzene	0.125	0.114	0.124	91.2	99.2	74.0-126			8.40	20
Hexachloro-1,3-butadiene	0.125	0.107	0.117	85.6	93.6	57.0-150			8.93	20
Isopropylbenzene	0.125	0.116	0.127	92.8	102	72.0-127			9.05	20
p-Isopropyltoluene	0.125	0.0955	0.102	76.4	81.6	72.0-133			6.58	20
2-Butanone (MEK)	0.625	0.643	0.649	103	104	30.0-160			0.929	24
Methylene Chloride	0.125	0.108	0.117	86.4	93.6	68.0-123			8.00	20
4-Methyl-2-pentanone (MIBK)	0.625	0.596	0.603	95.4	96.5	56.0-143			1.17	20
Methyl tert-butyl ether	0.125	0.0954	0.107	76.3	85.6	66.0-132			11.5	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3607917-1 12/21/20 13:48 • (LCSD) R3607917-2 12/21/20 14:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0846	0.0892	67.7	71.4	59.0-130			5.29	20
n-Propylbenzene	0.125	0.100	0.110	80.0	88.0	74.0-126			9.52	20
Styrene	0.125	0.116	0.125	92.8	100	72.0-127			7.47	20
1,1,1,2-Tetrachloroethane	0.125	0.108	0.119	86.4	95.2	74.0-129			9.69	20
1,1,2,2-Tetrachloroethane	0.125	0.0897	0.0921	71.8	73.7	68.0-128			2.64	20
Tetrachloroethene	0.125	0.148	0.167	118	134	70.0-136			12.1	20
Toluene	0.125	0.116	0.125	92.8	100	75.0-121			7.47	20
1,1,2-Trichlorotrifluoroethane	0.125	0.0879	0.110	70.3	88.0	61.0-139		J3	22.3	20
1,2,3-Trichlorobenzene	0.125	0.0890	0.0906	71.2	72.5	59.0-139			1.78	20
1,2,4-Trichlorobenzene	0.125	0.0946	0.0979	75.7	78.3	62.0-137			3.43	20
1,1,1-Trichloroethane	0.125	0.104	0.108	83.2	86.4	69.0-126			3.77	20
1,1,2-Trichloroethane	0.125	0.117	0.113	93.6	90.4	78.0-123			3.48	20
Trichloroethene	0.125	0.129	0.139	103	111	76.0-126			7.46	20
Trichlorofluoromethane	0.125	0.0809	0.105	64.7	84.0	61.0-142		J3	25.9	20
1,2,3-Trichloropropane	0.125	0.0977	0.0988	78.2	79.0	67.0-129			1.12	20
1,2,3-Trimethylbenzene	0.125	0.0887	0.0961	71.0	76.9	74.0-124	J4		8.01	20
1,2,4-Trimethylbenzene	0.125	0.0989	0.106	79.1	84.8	70.0-126			6.93	20
1,3,5-Trimethylbenzene	0.125	0.101	0.109	80.8	87.2	73.0-127			7.62	20
Vinyl chloride	0.125	0.0998	0.108	79.8	86.4	63.0-134			7.89	20
Xylenes, Total	0.375	0.347	0.377	92.5	101	72.0-127			8.29	20
(S) Toluene-d8				*101*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.1*	*98.3*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*91.1*	*93.9*	*70.0-130*				

L1298090-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298090-05 12/21/20 21:35 • (MS) R3607917-4 12/21/20 23:10 • (MSD) R3607917-5 12/21/20 23:29

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.545	U	0.361	0.362	66.2	66.4	1	10.0-160			0.277	40
Acrylonitrile	0.545	U	0.432	0.562	79.3	103	1	10.0-160			26.2	40
Benzene	0.109	U	0.0524	0.0765	48.1	70.2	1	10.0-149		J3	37.4	37
Bromobenzene	0.109	U	0.0802	0.0912	73.6	83.7	1	10.0-156			12.8	38
Bromodichloromethane	0.109	U	0.0715	0.0811	65.6	74.4	1	10.0-143			12.6	37
Bromoform	0.109	U	0.108	0.107	99.1	98.2	1	10.0-146			0.930	36
Bromomethane	0.109	U	0.0359	0.0534	32.9	49.0	1	10.0-149		J3	39.2	38
n-Butylbenzene	0.109	U	0.0364	0.0602	33.4	55.2	1	10.0-160		J3	49.3	40
sec-Butylbenzene	0.109	U	0.0366	0.0654	33.6	60.0	1	10.0-159		J3	56.5	39
tert-Butylbenzene	0.109	U	0.0434	0.0715	39.8	65.6	1	10.0-156		J3	48.9	39

L1298090-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298090-05 12/21/20 21:35 • (MS) R3607917-4 12/21/20 23:10 • (MSD) R3607917-5 12/21/20 23:29

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.109	U	0.0327	0.0643	30.0	59.0	1	10.0-145		J3	65.2	37
Chlorobenzene	0.109	U	0.0694	0.0868	63.7	79.6	1	10.0-152			22.3	39
Chlorodibromomethane	0.109	U	0.0894	0.0895	82.0	82.1	1	10.0-146			0.112	37
Chloroethane	0.109	U	0.0255	0.0449	23.4	41.2	1	10.0-146		J3	55.1	40
Chloroform	0.109	U	0.0576	0.0739	52.8	67.8	1	10.0-146			24.8	37
Chloromethane	0.109	U	0.0404	0.0748	37.1	68.6	1	10.0-159		J3	59.7	37
2-Chlorotoluene	0.109	U	0.0515	0.0661	47.2	60.6	1	10.0-159			24.8	38
4-Chlorotoluene	0.109	U	0.0568	0.0739	52.1	67.8	1	10.0-155			26.2	39
1,2-Dibromo-3-Chloropropane	0.109	U	0.0886	0.0798	81.3	73.2	1	10.0-151			10.5	39
1,2-Dibromoethane	0.109	U	0.0915	0.0924	83.9	84.8	1	10.0-148			0.979	34
Dibromomethane	0.109	U	0.0818	0.0895	75.0	82.1	1	10.0-147			8.99	35
1,2-Dichlorobenzene	0.109	U	0.0720	0.0818	66.1	75.0	1	10.0-155			12.7	37
1,3-Dichlorobenzene	0.109	U	0.0703	0.0838	64.5	76.9	1	10.0-153			17.5	38
1,4-Dichlorobenzene	0.109	U	0.0733	0.0861	67.2	79.0	1	10.0-151			16.1	38
Dichlorodifluoromethane	0.109	U	0.0169	0.0512	15.5	47.0	1	10.0-160		J3	101	35
1,1-Dichloroethane	0.109	U	0.0525	0.0758	48.2	69.5	1	10.0-147			36.3	37
1,2-Dichloroethane	0.109	U	0.0820	0.0919	75.2	84.3	1	10.0-148			11.4	35
1,1-Dichloroethene	0.109	U	0.0351	0.0712	32.2	65.3	1	10.0-155		J3	67.9	37
cis-1,2-Dichloroethene	0.109	U	0.0648	0.0817	59.4	75.0	1	10.0-149			23.1	37
trans-1,2-Dichloroethene	0.109	U	0.0451	0.0699	41.4	64.1	1	10.0-150		J3	43.1	37
1,2-Dichloropropane	0.109	U	0.0709	0.0850	65.0	78.0	1	10.0-148			18.1	37
1,1-Dichloropropene	0.109	U	0.0388	0.0696	35.6	63.9	1	10.0-153		J3	56.8	35
1,3-Dichloropropane	0.109	U	0.0833	0.0876	76.4	80.4	1	10.0-154			5.03	35
cis-1,3-Dichloropropene	0.109	U	0.0775	0.0846	71.1	77.6	1	10.0-151			8.76	37
trans-1,3-Dichloropropene	0.109	U	0.0758	0.0829	69.5	76.1	1	10.0-148			8.95	37
2,2-Dichloropropane	0.109	U	0.0252	0.0425	23.1	39.0	1	10.0-138		J3	51.1	36
Di-isopropyl ether	0.109	U	0.0772	0.0924	70.8	84.8	1	10.0-147			17.9	36
Ethylbenzene	0.109	U	0.0525	0.0779	48.2	71.5	1	10.0-160		J3	39.0	38
Hexachloro-1,3-butadiene	0.109	U	0.0420	0.0781	38.5	71.7	1	10.0-160		J3	60.1	40
Isopropylbenzene	0.109	U	0.0499	0.0788	45.8	72.3	1	10.0-155		J3	44.9	38
p-Isopropyltoluene	0.109	U	0.0403	0.0666	37.0	61.1	1	10.0-160		J3	49.2	40
2-Butanone (MEK)	0.545	U	0.624	0.587	114	108	1	10.0-160			6.11	40
Methylene Chloride	0.109	U	0.00959	0.0806	8.80	73.9	1	10.0-141	J6	J3	157	37
4-Methyl-2-pentanone (MIBK)	0.545	U	0.543	0.495	99.6	90.8	1	10.0-160			9.25	35
Methyl tert-butyl ether	0.109	U	0.0763	0.0754	70.0	69.2	1	11.0-147			1.19	35
Naphthalene	0.109	U	0.0790	0.0742	72.5	68.1	1	10.0-160			6.27	36
n-Propylbenzene	0.109	U	0.0419	0.0678	38.4	62.2	1	10.0-158		J3	47.2	38
Styrene	0.109	U	0.0721	0.0860	66.1	78.9	1	10.0-160			17.6	40
1,1,1,2-Tetrachloroethane	0.109	U	0.0712	0.0827	65.3	75.9	1	10.0-149			14.9	39
1,1,2,2-Tetrachloroethane	0.109	U	0.0415	0.0284	38.1	26.1	1	10.0-160		J3	37.5	35

L1298090-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298090-05 12/21/20 21:35 • (MS) R3607917-4 12/21/20 23:10 • (MSD) R3607917-5 12/21/20 23:29

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.109	U	0.0529	0.0924	48.5	84.8	1	10.0-156		J3	54.4	39
Toluene	0.109	U	0.0552	0.0792	50.6	72.7	1	10.0-156			35.7	38
1,1,2-Trichlorotrifluoroethane	0.109	U	0.0198	0.0530	18.2	48.6	1	10.0-160		J3	91.2	36
1,2,3-Trichlorobenzene	0.109	U	0.0779	0.0808	71.5	74.1	1	10.0-160			3.65	40
1,2,4-Trichlorobenzene	0.109	U	0.0737	0.0813	67.6	74.6	1	10.0-160			9.81	40
1,1,1-Trichloroethane	0.109	U	0.0291	0.0559	26.7	51.3	1	10.0-144		J3	63.1	35
1,1,2-Trichloroethane	0.109	U	0.0875	0.0927	80.3	85.0	1	10.0-160			5.77	35
Trichloroethene	0.109	U	0.107	0.150	98.2	138	1	10.0-156			33.5	38
Trichlorofluoromethane	0.109	U	0.0142	0.0345	13.0	31.7	1	10.0-160		J3	83.4	40
1,2,3-Trichloropropane	0.109	U	0.0899	0.0855	82.5	78.4	1	10.0-156			5.02	35
1,2,3-Trimethylbenzene	0.109	U	0.0564	0.0696	51.7	63.9	1	10.0-160			21.0	36
1,2,4-Trimethylbenzene	0.109	U	0.0540	0.0698	49.5	64.0	1	10.0-160			25.5	36
1,3,5-Trimethylbenzene	0.109	U	0.0482	0.0708	44.2	65.0	1	10.0-160			38.0	38
Vinyl chloride	0.109	U	0.0271	0.0572	24.9	52.5	1	10.0-160		J3	71.4	37
Xylenes, Total	0.327	U	0.174	0.241	53.2	73.7	1	10.0-160			32.3	38
(S) Toluene-d8					*100*	*101*		*75.0-131*				
(S) 4-Bromofluorobenzene					*99.4*	*98.3*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*95.3*	*94.2*		*70.0-130*				

Method Blank (MB)

(MB) R3607719-3 12/28/20 10:58

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Carbon tetrachloride	U		0.000898	0.00500
Chloroform	U		0.00103	0.00250
(S) Toluene-d8	*112*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3607719-1 12/28/20 09:42 • (LCSD) R3607719-2 12/28/20 10:01

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Carbon tetrachloride	0.125	0.127	0.123	102	98.4	66.0-128			3.20	20
Chloroform	0.125	0.132	0.128	106	102	72.0-123			3.08	20
(S) Toluene-d8				*104*	*109*	*75.0-131*				
(S) 4-Bromofluorobenzene				*99.4*	*104*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*96.1*	*94.4*	*70.0-130*				

Method Blank (MB)

(MB) R3605505-1 12/19/20 17:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		0.733	4.00
C22-C32 Hydrocarbons	U		1.33	4.00
C32-C40 Hydrocarbons	U		1.33	4.00
(S) o-Terphenyl	*82.0*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3605505-2 12/19/20 17:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C22-C32 Hydrocarbons	25.0	18.9	75.6	50.0-150	
C12-C22 Hydrocarbons	25.0	20.5	82.0	50.0-150	
(S) o-Terphenyl			*74.6*	*18.0-148*	

L1296248-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1296248-07 12/19/20 18:49 • (MS) R3605505-3 12/19/20 19:03 • (MSD) R3605505-4 12/19/20 19:18

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C22-C32 Hydrocarbons	25.3	2.82	22.6	23.8	78.2	82.7	1	50.0-150			4.90	20
C12-C22 Hydrocarbons	25.3	3.41	23.8	24.8	80.4	84.5	1	50.0-150			4.26	20
(S) o-Terphenyl					*72.8*	*70.1*		*18.0-148*				

Method Blank (MB)

(MB) R3606052-1 12/21/20 19:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		0.733	4.00
C22-C32 Hydrocarbons	U		1.33	4.00
C32-C40 Hydrocarbons	U		1.33	4.00
(S) o-Terphenyl	*70.4*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3606052-2 12/21/20 19:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C22-C32 Hydrocarbons	25.0	19.7	78.8	50.0-150	
C12-C22 Hydrocarbons	25.0	18.2	72.8	50.0-150	
(S) o-Terphenyl			*76.9*	*18.0-148*	

L1298078-31 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-31 12/22/20 10:45 • (MS) R3606052-3 12/22/20 11:00 • (MSD) R3606052-4 12/22/20 11:14

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C22-C32 Hydrocarbons	26.6	36.7	67.9	67.9	117	116	2	50.0-150			0.000	20
C12-C22 Hydrocarbons	26.6	7.66	22.5	26.2	55.9	69.0	2	50.0-150			15.2	20
(S) o-Terphenyl					*64.8*	*72.2*		*18.0-148*				

Sample Narrative:

OS: Cannot run at lower dilution due to viscosity of extract

Method Blank (MB)

(MB) R3606413-1 12/22/20 15:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		0.733	4.00
C22-C32 Hydrocarbons	U		1.33	4.00
C32-C40 Hydrocarbons	U		1.33	4.00
(S) o-Terphenyl	*91.0*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3606413-2 12/22/20 16:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C22-C32 Hydrocarbons	25.0	20.0	80.0	50.0-150	
C12-C22 Hydrocarbons	25.0	19.2	76.8	50.0-150	
(S) o-Terphenyl			*93.8*	*18.0-148*	

L1295825-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1295825-01 12/22/20 16:26 • (MS) R3606413-3 12/22/20 16:40 • (MSD) R3606413-4 12/22/20 16:55

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C22-C32 Hydrocarbons	29.3	U	16.8	21.3	57.3	73.1	1	50.0-150		J3	23.7	20
C12-C22 Hydrocarbons	29.3	U	17.5	19.9	59.8	68.2	1	50.0-150			12.7	20
(S) o-Terphenyl					*68.4*	*77.9*		*18.0-148*				

Method Blank (MB)

(MB) R3606517-1 12/23/20 08:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		0.733	4.00
C22-C32 Hydrocarbons	U		1.33	4.00
C32-C40 Hydrocarbons	U		1.33	4.00
(S) o-Terphenyl	*87.8*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3606517-2 12/23/20 08:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C22-C32 Hydrocarbons	25.0	22.4	89.6	50.0-150	
C12-C22 Hydrocarbons	25.0	21.1	84.4	50.0-150	
(S) o-Terphenyl			*84.1*	*18.0-148*	

L1296255-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1296255-01 12/23/20 10:21 • (MS) R3606517-3 12/23/20 10:35 • (MSD) R3606517-4 12/23/20 10:50

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C22-C32 Hydrocarbons	25.8	9.84	32.1	31.2	86.3	82.7	1	50.0-150			2.94	20
C12-C22 Hydrocarbons	25.8	2.76	23.0	22.2	78.5	75.3	1	50.0-150			3.65	20
(S) o-Terphenyl					*87.8*	*82.4*		*18.0-148*				

Method Blank (MB)

(MB) R3605856-1 12/20/20 17:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
2,4-D	U		0.00702	0.0700
Dalapon	U		0.0113	0.0700
2,4-DB	U		0.0297	0.0700
Dicamba	U		0.0157	0.0700
Dichloroprop	U		0.0245	0.0700
Dinoseb	U		0.00697	0.0700
MCPA	U		0.443	6.50
MCPP	U		0.367	6.50
2,4,5-T	U		0.00852	0.0700
2,4,5-TP (Silvex)	U		0.0107	0.0700
(S) 2,4-Dichlorophenyl Acetic Acid	*58.9*			*22.0-132*

Laboratory Control Sample (LCS)

(LCS) R3605856-2 12/20/20 17:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,4-D	0.167	0.104	62.3	40.0-120	
Dalapon	0.167	0.0910	54.5	15.0-120	
2,4-DB	0.167	0.115	68.9	25.0-143	
Dicamba	0.167	0.104	62.3	43.0-120	
Dichloroprop	0.167	0.142	85.0	32.0-129	
Dinoseb	0.167	0.00197	1.18	10.0-120	J4
MCPA	1.67	4.92	295	31.0-121	J4
MCPP	1.67	2.99	179	28.0-133	J4
2,4,5-T	0.167	0.127	76.0	41.0-120	
2,4,5-TP (Silvex)	0.167	0.111	66.5	42.0-120	
(S) 2,4-Dichlorophenyl Acetic Acid			*63.5*	*22.0-132*	

L1295309-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1295309-04 12/20/20 19:04 • (MS) R3605856-3 12/20/20 19:19 • (MSD) R3605856-4 12/20/20 19:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
2,4-D	0.167	U	0.0950	0.103	53.8	58.5	1	10.0-160	P		8.32	24
Dalapon	0.167	U	0.0939	0.0929	53.2	52.6	1	10.0-121			1.02	27
2,4-DB	0.167	U	0.124	0.133	70.1	75.4	1	10.0-160			7.41	22

L1295309-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1295309-04 12/20/20 19:04 • (MS) R3605856-3 12/20/20 19:19 • (MSD) R3605856-4 12/20/20 19:33

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg				%	%		%			%	%
Dicamba	0.167	U	0.100	0.102	56.6	57.7	1	10.0-154			1.78	21
Dichloroprop	0.167	U	0.147	0.155	83.2	88.0	1	10.0-158			5.59	20
Dinoseb	0.167	U	U	0.00785	0.000	4.44	1	10.0-120	J6	J3 J6	200	40
MCPA	1.67	U	2.24	6.84	127	387	1	10.0-160		J3 J5	101	40
MCPP	1.67	U	2.09	3.46	119	196	1	10.0-160		J3 J5	49.1	40
2,4,5-T	0.167	U	0.128	0.130	72.5	73.7	1	10.0-157			1.64	20
2,4,5-TP (Silvex)	0.167	U	0.110	0.114	62.3	64.7	1	10.0-156			3.77	20
(S) 2,4-Dichlorophenyl Acetic Acid					*50.8*	*46.3*		*22.0-132*				

Method Blank (MB)

(MB) R3607044-1 12/23/20 15:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
2,4-D	U		0.00702	0.0700
Dalapon	U		0.0113	0.0700
2,4-DB	U		0.0297	0.0700
Dicamba	U		0.0157	0.0700
Dichloroprop	U		0.0245	0.0700
Dinoseb	U		0.00697	0.0700
MCPA	U		0.443	6.50
MCPP	U		0.367	6.50
2,4,5-T	U		0.00852	0.0700
2,4,5-TP (Silvex)	U		0.0107	0.0700
(S) 2,4-Dichlorophenyl Acetic Acid	*50.8*			*22.0-132*

Laboratory Control Sample (LCS)

(LCS) R3607044-2 12/23/20 15:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
2,4-D	0.167	0.0867	51.9	40.0-120	
Dalapon	0.167	0.0664	39.8	15.0-120	
2,4-DB	0.167	0.0925	55.4	25.0-143	
Dicamba	0.167	0.0956	57.2	43.0-120	
Dichloroprop	0.167	0.0958	57.4	32.0-129	P
Dinoseb	0.167	0.0409	24.5	10.0-120	
MCPA	1.67	7.98	478	31.0-121	J4 P
MCPP	1.67	3.84	230	28.0-133	J4
2,4,5-T	0.167	0.111	66.5	41.0-120	
2,4,5-TP (Silvex)	0.167	0.0983	58.9	42.0-120	
(S) 2,4-Dichlorophenyl Acetic Acid			*47.6*	*22.0-132*	

L1298078-61 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-61 12/24/20 02:59 • (MS) R3607044-3 12/24/20 03:13 • (MSD) R3607044-4 12/24/20 03:28

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
2,4-D	0.199	U	0.141	0.144	70.7	72.5	1	10.0-160	P	P	2.51	24
Dalapon	0.199	U	0.104	0.101	52.4	50.8	1	10.0-121			3.13	27
2,4-DB	0.199	U	0.132	0.129	66.5	64.7	1	10.0-160			2.74	22

L1298078-61 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-61 12/24/20 02:59 • (MS) R3607044-3 12/24/20 03:13 • (MSD) R3607044-4 12/24/20 03:28

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Dicamba	0.199	U	0.113	0.114	56.6	57.1	1	10.0-154			0.843	21
Dichloroprop	0.199	U	0.130	0.131	65.3	65.9	1	10.0-158			0.913	20
Dinoseb	0.199	U	0.0463	0.0423	23.2	21.2	1	10.0-120			9.16	40
MCPA	1.99	U	4.79	7.30	240	366	1	10.0-160	J5	J3 J5	41.7	40
MCPP	1.99	U	4.57	5.45	229	274	1	10.0-160	J5	J5	17.6	40
2,4,5-T	0.199	U	0.148	0.148	74.3	74.3	1	10.0-157			0.000	20
2,4,5-TP (Silvex)	0.199	U	0.130	0.127	65.3	63.5	1	10.0-156	P		2.79	20
(S) 2,4-Dichlorophenyl Acetic Acid					*53.2*	*52.8*		*22.0-132*				

Method Blank (MB)

(MB) R3606833-1 12/23/20 03:41

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Azinphos-Methyl	U		0.0318	0.100
Bolstar (Sulprofos)	U		0.0149	0.100
Chlorpyrifos	U		0.0157	0.100
Coumaphos	U		0.0243	0.100
Demeton,-O and -S	U		0.00584	0.0700
Diazinon	U		0.0225	0.100
Dichlorvos	U		0.0300	0.100
Dimethoate	U		0.0334	0.100
Disulfoton	U		0.0254	0.100
EPN	U		0.0276	0.100
Ethoprop	U		0.0118	0.100
Ethyl Parathion	U		0.0164	0.100
Fensulfothion	U		0.0353	0.100
Fenthion	U		0.0133	0.100
Malathion	U		0.0179	0.100
Merphos	U		0.0232	0.100
Methyl parathion	U		0.0203	0.100
Mevinphos	U		0.0230	0.100
Naled	U		0.0480	0.100
Phorate	U		0.0210	0.100
Ronnel	U		0.0149	0.100
Stirophos	U		0.0178	0.100
Sulfotep	U		0.00986	0.100
TEPP	U		0.157	1.00
Tokuthion (Prothothiofos)	U		0.0150	0.100
Trichloronate	U		0.0201	0.100
(S) Triphenyl Phosphate	*94.9*			*36.0-121*

Laboratory Control Sample (LCS)

(LCS) R3606833-2 12/23/20 04:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Azinphos-Methyl	0.333	0.320	96.1	58.0-125	
Bolstar (Sulprofos)	0.333	0.320	96.1	64.0-120	
Chlorpyrifos	0.333	0.334	100	62.0-120	
Coumaphos	0.333	0.324	97.3	60.0-120	
Demeton,-O and -S	0.167	0.161	96.4	59.0-120	
Diazinon	0.333	0.279	83.8	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R3606833-2 12/23/20 04:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dichlorvos	0.333	0.200	60.1	37.0-120	
Dimethoate	0.333	0.272	81.7	46.0-127	
Disulfoton	0.333	0.325	97.6	60.0-121	
EPN	0.333	0.344	103	60.0-121	
Ethoprop	0.333	0.329	98.8	59.0-120	
Ethyl Parathion	0.333	0.324	97.3	62.0-120	
Fensulfothion	0.333	0.287	86.2	58.0-123	
Fenthion	0.333	0.315	94.6	61.0-121	
Malathion	0.333	0.298	89.5	59.0-120	
Merphos	0.333	0.289	86.8	59.0-120	
Methyl parathion	0.333	0.337	101	63.0-120	
Mevinphos	0.333	0.262	78.7	50.0-120	
Naled	0.333	0.167	50.2	10.0-125	
Phorate	0.333	0.340	102	60.0-120	
Ronnel	0.333	0.331	99.4	62.0-120	
Stirophos	0.333	0.298	89.5	62.0-120	
Sulfotep	0.333	0.331	99.4	62.0-122	
TEPP	3.33	0.409	12.3	10.0-135	
Tokuthion (Prothothiofos)	0.333	0.328	98.5	63.0-120	
Trichloronate	0.333	0.350	105	62.0-120	
(S) Triphenyl Phosphate			*88.0*	*36.0-121*	

Method Blank (MB)

(MB) R3606426-1 12/22/20 14:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Azinphos-Methyl	U		0.0318	0.100
Bolstar (Sulprofos)	U		0.0149	0.100
Chlorpyrifos	U		0.0157	0.100
Coumaphos	U		0.0243	0.100
Demeton,-O and -S	U		0.00584	0.0700
Diazinon	U		0.0225	0.100
Dichlorvos	U		0.0300	0.100
Dimethoate	U		0.0334	0.100
Disulfoton	U		0.0254	0.100
EPN	U		0.0276	0.100
Ethoprop	U		0.0118	0.100
Ethyl Parathion	U		0.0164	0.100
Fensulfothion	U		0.0353	0.100
Fenthion	U		0.0133	0.100
Malathion	U		0.0179	0.100
Merphos	U		0.0232	0.100
Methyl parathion	U		0.0203	0.100
Mevinphos	U		0.0230	0.100
Naled	U		0.0480	0.100
Phorate	U		0.0210	0.100
Ronnel	U		0.0149	0.100
Stirophos	U		0.0178	0.100
Sulfotep	U		0.00986	0.100
TEPP	U		0.157	1.00
Tokuthion (Prothothiofos)	U		0.0150	0.100
Trichloronate	U		0.0201	0.100
(S) Triphenyl Phosphate	*79.6*			*36.0-121*

Laboratory Control Sample (LCS)

(LCS) R3606426-2 12/22/20 15:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Azinphos-Methyl	0.333	0.302	90.7	58.0-125	
Bolstar (Sulprofos)	0.333	0.307	92.2	64.0-120	
Chlorpyrifos	0.333	0.321	96.4	62.0-120	
Coumaphos	0.333	0.308	92.5	60.0-120	
Demeton,-O and -S	0.167	0.153	91.6	59.0-120	
Diazinon	0.333	0.261	78.4	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R3606426-2 12/22/20 15:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dichlorvos	0.333	0.180	54.1	37.0-120	
Dimethoate	0.333	0.247	74.2	46.0-127	
Disulfoton	0.333	0.307	92.2	60.0-121	
EPN	0.333	0.307	92.2	60.0-121	
Ethoprop	0.333	0.305	91.6	59.0-120	
Ethyl Parathion	0.333	0.296	88.9	62.0-120	
Fensulfothion	0.333	0.268	80.5	58.0-123	
Fenthion	0.333	0.302	90.7	61.0-121	
Malathion	0.333	0.290	87.1	59.0-120	
Merphos	0.333	0.280	84.1	59.0-120	P
Methyl parathion	0.333	0.319	95.8	63.0-120	
Mevinphos	0.333	0.244	73.3	50.0-120	
Naled	0.333	0.154	46.2	10.0-125	
Phorate	0.333	0.321	96.4	60.0-120	
Ronnel	0.333	0.319	95.8	62.0-120	
Stirophos	0.333	0.284	85.3	62.0-120	
Sulfotep	0.333	0.308	92.5	62.0-122	
TEPP	3.33	0.303	9.10	10.0-135	J4
Tokuthion (Prothothiofos)	0.333	0.312	93.7	63.0-120	
Trichloronate	0.333	0.335	101	62.0-120	
(S) Triphenyl Phosphate			*86.5*	*36.0-121*	

L1298078-53 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-53 12/22/20 15:54 • (MS) R3606426-3 12/22/20 16:27 • (MSD) R3606426-4 12/22/20 17:01

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Azinphos-Methyl	0.368	U	0.378	0.331	103	89.6	1	10.0-160			13.1	22
Bolstar (Sulprofos)	0.368	U	0.372	0.326	101	88.0	1	10.0-151	P		13.3	20
Chlorpyrifos	0.368	U	0.393	0.346	107	93.6	1	12.0-149			12.6	20
Coumaphos	0.368	U	0.379	0.336	103	90.8	1	10.0-160			12.1	22
Demeton,-O and -S	0.184	U	0.193	0.180	105	97.5	1	10.0-160			6.69	23
Diazinon	0.368	U	0.395	0.352	107	95.1	1	11.0-157			11.6	20
Dichlorvos	0.368	U	0.361	0.336	98.1	90.8	1	10.0-160			7.17	24
Dimethoate	0.368	U	0.352	0.306	95.7	82.8	1	10.0-150			13.8	27
Disulfoton	0.368	U	0.377	0.349	102	94.5	1	12.0-155			7.50	20
EPN	0.368	U	0.388	0.340	106	92.0	1	10.0-159	P		13.1	20
Ethoprop	0.368	U	0.381	0.339	104	91.7	1	11.0-156			11.7	20
Ethyl Parathion	0.368	U	0.372	0.335	101	90.5	1	10.0-147			10.6	20

L1298078-53 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-53 12/22/20 15:54 • (MS) R3606426-3 12/22/20 16:27 • (MSD) R3606426-4 12/22/20 17:01

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fensulfothion	0.368	U	0.374	0.326	102	88.0	1	10.0-157			13.9	27
Fenthion	0.368	U	0.365	0.328	99.4	88.7	1	13.0-155			10.8	20
Malathion	0.368	U	0.347	0.323	94.4	87.4	1	13.0-137			7.11	21
Merphos	0.368	U	0.300	0.217	81.5	58.6	1	10.0-147	P	J3	32.1	26
Methyl parathion	0.368	U	0.399	0.349	109	94.5	1	10.0-150			13.3	21
Mevinphos	0.368	U	0.370	0.324	101	87.7	1	10.0-158			13.1	24
Naled	0.368	U	0.238	0.168	64.8	45.4	1	10.0-137			34.6	40
Phorate	0.368	U	0.393	0.351	107	94.8	1	13.0-154			11.3	20
Ronnel	0.368	U	0.397	0.348	108	94.2	1	14.0-149			13.1	20
Stirophos	0.368	U	0.356	0.312	96.9	84.4	1	10.0-150			13.2	20
Sulfotep	0.368	U	0.378	0.342	103	92.3	1	10.0-160			10.1	20
TEPP	3.68	U	1.70	1.85	46.3	50.0	1	10.0-142			8.31	28
Tokuthion (Prothothiofos)	0.368	U	0.377	0.329	102	89.0	1	12.0-153			13.5	20
Trichloronate	0.368	U	0.407	0.344	111	92.9	1	12.0-152			16.9	20
(S) Triphenyl Phosphate					*89.8*	*80.1*		*36.0-121*				

Method Blank (MB)

(MB) R3606941-1 12/24/20 03:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00376	0.0200
Alpha BHC	U		0.00368	0.0200
Beta BHC	U		0.00379	0.0200
Delta BHC	U		0.00346	0.0200
Gamma BHC	U		0.00344	0.0200
4,4-DDD	U		0.00370	0.0200
4,4-DDE	U		0.00366	0.0200
4,4-DDT	U		0.00627	0.0200
Dieldrin	U		0.00344	0.0200
Endosulfan I	U		0.00363	0.0200
Endosulfan II	U		0.00335	0.0200
Endosulfan sulfate	U		0.00364	0.0200
Endrin	U		0.00350	0.0200
Endrin aldehyde	U		0.00339	0.0200
Endrin ketone	U		0.00711	0.0200
Heptachlor	U		0.00428	0.0200
Heptachlor epoxide	U		0.00339	0.0200
Hexachlorobenzene	U		0.00346	0.0200
Methoxychlor	U		0.00484	0.0200
Chlordane	U		0.103	0.300
Toxaphene	U		0.124	0.400
(S) Decachlorobiphenyl	*86.2*			*10.0-135*
(S) Tetrachloro-m-xylene	*76.4*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3606941-2 12/24/20 03:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0730	110	34.0-136	
Alpha BHC	0.0666	0.0696	105	34.0-139	
Beta BHC	0.0666	0.0648	97.3	34.0-133	
Delta BHC	0.0666	0.0706	106	34.0-135	
Gamma BHC	0.0666	0.0705	106	34.0-136	
4,4-DDD	0.0666	0.0757	114	33.0-141	
4,4-DDE	0.0666	0.0691	104	34.0-134	
4,4-DDT	0.0666	0.0788	118	30.0-143	
Dieldrin	0.0666	0.0702	105	35.0-137	
Endosulfan I	0.0666	0.0713	107	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3606941-2 12/24/20 03:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0683	103	35.0-132	
Endosulfan sulfate	0.0666	0.0677	102	35.0-132	
Endrin	0.0666	0.0768	115	34.0-137	
Endrin aldehyde	0.0666	0.0663	99.5	23.0-121	
Endrin ketone	0.0666	0.0691	104	35.0-144	
Heptachlor	0.0666	0.0802	120	36.0-141	
Heptachlor epoxide	0.0666	0.0695	104	36.0-134	
Hexachlorobenzene	0.0666	0.0694	104	33.0-129	
Methoxychlor	0.0666	0.0871	131	28.0-150	
(S) Decachlorobiphenyl			*106*	*10.0-135*	
(S) Tetrachloro-m-xylene			*90.5*	*10.0-139*	

L1297949-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1297949-01 12/24/20 04:17 • (MS) R3606941-3 12/24/20 04:29 • (MSD) R3606941-4 12/24/20 04:42

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0799	U	0.0788	0.0674	98.6	84.4	1	20.0-135			15.6	37
Alpha BHC	0.0799	U	0.0766	0.0667	95.9	83.5	1	27.0-140			13.9	35
Beta BHC	0.0799	U	0.0714	0.0625	89.3	78.2	1	23.0-141			13.3	37
Delta BHC	0.0799	U	0.0763	0.0662	95.5	82.9	1	21.0-138			14.1	35
Gamma BHC	0.0799	U	0.0772	0.0673	96.7	84.2	1	27.0-137			13.8	36
4,4-DDD	0.0799	U	0.0823	0.0705	103	88.3	1	15.0-152			15.4	39
4,4-DDE	0.0799	U	0.0745	0.0637	93.2	79.7	1	10.0-152			15.6	40
4,4-DDT	0.0799	U	0.0866	0.0723	108	90.5	1	10.0-151			18.0	40
Dieldrin	0.0799	U	0.0758	0.0659	94.9	82.4	1	17.0-145			14.1	37
Endosulfan I	0.0799	U	0.0777	0.0675	97.3	84.5	1	20.0-137			14.0	36
Endosulfan II	0.0799	U	0.0740	0.0647	92.6	80.9	1	15.0-141			13.5	37
Endosulfan sulfate	0.0799	U	0.0746	0.0651	93.4	81.5	1	15.0-143			13.6	38
Endrin	0.0799	U	0.0855	0.0738	107	92.3	1	19.0-143			14.8	37
Endrin aldehyde	0.0799	U	0.0741	0.0656	92.8	82.1	1	10.0-139			12.2	40
Endrin ketone	0.0799	U	0.0766	0.0669	95.9	83.8	1	17.0-149			13.5	38
Heptachlor	0.0799	U	0.0876	0.0748	110	93.7	1	22.0-138			15.7	37
Heptachlor epoxide	0.0799	U	0.0759	0.0659	95.0	82.4	1	22.0-138			14.2	36
Hexachlorobenzene	0.0799	U	0.0764	0.0664	95.6	83.2	1	25.0-126			13.9	35
Methoxychlor	0.0799	U	0.104	0.0861	130	108	1	10.0-159			18.3	40
(S) Decachlorobiphenyl					*99.4*	*82.1*		*10.0-135*				
(S) Tetrachloro-m-xylene					*82.1*	*69.4*		*10.0-139*				

Method Blank (MB)

(MB) R3607062-1 12/24/20 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00376	0.0200
Alpha BHC	U		0.00368	0.0200
Beta BHC	U		0.00379	0.0200
Delta BHC	U		0.00346	0.0200
Gamma BHC	U		0.00344	0.0200
4,4-DDD	U		0.00370	0.0200
4,4-DDE	U		0.00366	0.0200
4,4-DDT	U		0.00627	0.0200
Dieldrin	U		0.00344	0.0200
Endosulfan I	U		0.00363	0.0200
Endosulfan II	U		0.00335	0.0200
Endosulfan sulfate	U		0.00364	0.0200
Endrin	U		0.00350	0.0200
Endrin aldehyde	U		0.00339	0.0200
Endrin ketone	U		0.00711	0.0200
Heptachlor	U		0.00428	0.0200
Heptachlor epoxide	U		0.00339	0.0200
Hexachlorobenzene	U		0.00346	0.0200
Methoxychlor	U		0.00484	0.0200
Chlordane	U		0.103	0.300
Toxaphene	U		0.124	0.400
(S) Decachlorobiphenyl	*95.0*			*10.0-135*
(S) Tetrachloro-m-xylene	*97.0*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3607062-2 12/24/20 10:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0757	114	34.0-136	
Alpha BHC	0.0666	0.0759	114	34.0-139	
Beta BHC	0.0666	0.0738	111	34.0-133	
Delta BHC	0.0666	0.0750	113	34.0-135	
Gamma BHC	0.0666	0.0764	115	34.0-136	
4,4-DDD	0.0666	0.0770	116	33.0-141	
4,4-DDE	0.0666	0.0762	114	34.0-134	
4,4-DDT	0.0666	0.0652	97.9	30.0-143	
Dieldrin	0.0666	0.0751	113	35.0-137	
Endosulfan I	0.0666	0.0743	112	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3607062-2 12/24/20 10:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0731	110	35.0-132	
Endosulfan sulfate	0.0666	0.0729	109	35.0-132	
Endrin	0.0666	0.0688	103	34.0-137	
Endrin aldehyde	0.0666	0.0565	84.8	23.0-121	
Endrin ketone	0.0666	0.0703	106	35.0-144	
Heptachlor	0.0666	0.0703	106	36.0-141	
Heptachlor epoxide	0.0666	0.0744	112	36.0-134	
Hexachlorobenzene	0.0666	0.0744	112	33.0-129	
Methoxychlor	0.0666	0.0669	100	28.0-150	
(S) Decachlorobiphenyl			*102*	*10.0-135*	
(S) Tetrachloro-m-xylene			*105*	*10.0-139*	

L1298078-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-15 12/24/20 12:28 • (MS) R3607062-3 12/24/20 12:41 • (MSD) R3607062-4 12/24/20 12:54

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0741	U	0.0807	0.0746	109	101	1	20.0-135			7.87	37
Alpha BHC	0.0741	U	0.0841	0.0781	114	105	1	27.0-140			7.41	35
Beta BHC	0.0741	U	0.0841	0.0773	114	104	1	23.0-141			8.41	37
Delta BHC	0.0741	U	0.0872	0.0803	118	108	1	21.0-138			8.23	35
Gamma BHC	0.0741	U	0.0852	0.0787	115	106	1	27.0-137			7.87	36
4,4-DDD	0.0741	U	0.0963	0.0894	130	121	1	15.0-152			7.43	39
4,4-DDE	0.0741	U	0.0932	0.0811	126	109	1	10.0-152			13.9	40
4,4-DDT	0.0741	U	0.0637	0.0500	86.0	67.6	1	10.0-151			24.0	40
Dieldrin	0.0741	U	0.0828	0.0759	112	103	1	17.0-145			8.68	37
Endosulfan I	0.0741	U	0.0788	0.0734	106	99.1	1	20.0-137			7.16	36
Endosulfan II	0.0741	U	0.0798	0.0748	108	101	1	15.0-141			6.47	37
Endosulfan sulfate	0.0741	U	0.0817	0.0759	110	103	1	15.0-143			7.33	38
Endrin	0.0741	U	0.0811	0.0752	109	102	1	19.0-143			7.54	37
Endrin aldehyde	0.0741	U	0.0746	0.0694	101	93.7	1	10.0-139			7.26	40
Endrin ketone	0.0741	U	0.0742	0.0679	100	91.7	1	17.0-149			8.76	38
Heptachlor	0.0741	U	0.0767	0.0702	104	94.7	1	22.0-138			8.93	37
Heptachlor epoxide	0.0741	U	0.0831	0.0769	112	104	1	22.0-138			7.64	36
Hexachlorobenzene	0.0741	U	0.0806	0.0752	109	102	1	25.0-126			7.00	35
Methoxychlor	0.0741	U	0.0658	0.0567	88.9	76.6	1	10.0-159			14.9	40
(S) Decachlorobiphenyl					*104*	*99.1*		*10.0-135*				
(S) Tetrachloro-m-xylene					*107*	*103*		*10.0-139*				

Method Blank (MB)

(MB) R3607562-1 12/24/20 14:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00376	0.0200
Alpha BHC	U		0.00368	0.0200
Beta BHC	U		0.00379	0.0200
Delta BHC	U		0.00346	0.0200
Gamma BHC	U		0.00344	0.0200
4,4-DDD	U		0.00370	0.0200
4,4-DDE	U		0.00366	0.0200
4,4-DDT	U		0.00627	0.0200
Dieldrin	U		0.00344	0.0200
Endosulfan I	U		0.00363	0.0200
Endosulfan II	U		0.00335	0.0200
Endosulfan sulfate	U		0.00364	0.0200
Endrin	U		0.00350	0.0200
Endrin aldehyde	U		0.00339	0.0200
Endrin ketone	U		0.00711	0.0200
Heptachlor	U		0.00428	0.0200
Heptachlor epoxide	U		0.00339	0.0200
Hexachlorobenzene	U		0.00346	0.0200
Methoxychlor	U		0.00484	0.0200
Chlordane	U		0.103	0.300
Toxaphene	U		0.124	0.400
(S) Decachlorobiphenyl	*107*			*10.0-135*
(S) Tetrachloro-m-xylene	*92.0*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3607562-2 12/24/20 14:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0771	116	34.0-136	
Alpha BHC	0.0666	0.0739	111	34.0-139	
Beta BHC	0.0666	0.0688	103	34.0-133	
Delta BHC	0.0666	0.0756	114	34.0-135	
Gamma BHC	0.0666	0.0747	112	34.0-136	
4,4-DDD	0.0666	0.0798	120	33.0-141	
4,4-DDE	0.0666	0.0724	109	34.0-134	
4,4-DDT	0.0666	0.0838	126	30.0-143	
Dieldrin	0.0666	0.0736	111	35.0-137	
Endosulfan I	0.0666	0.0756	114	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3607562-2 12/24/20 14:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0713	107	35.0-132	
Endosulfan sulfate	0.0666	0.0710	107	35.0-132	
Endrin	0.0666	0.0838	126	34.0-137	
Endrin aldehyde	0.0666	0.0579	86.9	23.0-121	
Endrin ketone	0.0666	0.0733	110	35.0-144	
Heptachlor	0.0666	0.0859	129	36.0-141	
Heptachlor epoxide	0.0666	0.0742	111	36.0-134	
Hexachlorobenzene	0.0666	0.0738	111	33.0-129	
Methoxychlor	0.0666	0.0934	140	28.0-150	
(S) Decachlorobiphenyl			*116*	*10.0-135*	
(S) Tetrachloro-m-xylene			*97.7*	*10.0-139*	

L1298078-59 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-59 12/24/20 16:21 • (MS) R3607562-3 12/24/20 16:33 • (MSD) R3607562-4 12/24/20 16:45

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0812	U	0.0834	0.0925	103	114	1	20.0-135			10.3	37
Alpha BHC	0.0812	U	0.0823	0.0918	101	113	1	27.0-140			10.9	35
Beta BHC	0.0812	U	0.0767	0.0846	94.4	104	1	23.0-141			9.83	37
Delta BHC	0.0812	U	0.0776	0.0867	95.5	107	1	21.0-138			11.1	35
Gamma BHC	0.0812	U	0.0833	0.0923	103	114	1	27.0-137			10.3	36
4,4-DDD	0.0812	U	0.0904	0.104	111	128	1	15.0-152			13.9	39
4,4-DDE	0.0812	U	0.0823	0.0877	101	108	1	10.0-152			6.31	40
4,4-DDT	0.0812	U	0.0859	0.0884	106	109	1	10.0-151			2.94	40
Dieldrin	0.0812	U	0.0796	0.0883	98.0	109	1	17.0-145			10.3	37
Endosulfan I	0.0812	U	0.0776	0.0895	95.5	110	1	20.0-137			14.3	36
Endosulfan II	0.0812	U	0.0786	0.0875	96.7	108	1	15.0-141			10.7	37
Endosulfan sulfate	0.0812	U	0.0792	0.0883	97.4	109	1	15.0-143			10.9	38
Endrin	0.0812	U	0.0901	0.103	111	127	1	19.0-143			13.6	37
Endrin aldehyde	0.0812	U	0.0786	0.0866	96.7	107	1	10.0-139			9.75	40
Endrin ketone	0.0812	U	0.0756	0.0859	93.1	106	1	17.0-149			12.7	38
Heptachlor	0.0812	U	0.0921	0.102	113	126	1	22.0-138			10.5	37
Heptachlor epoxide	0.0812	U	0.0794	0.0882	97.7	109	1	22.0-138			10.5	36
Hexachlorobenzene	0.0812	U	0.0818	0.0905	101	111	1	25.0-126			10.0	35
Methoxychlor	0.0812	U	0.110	0.120	135	147	1	10.0-159			8.73	40
(S) Decachlorobiphenyl					*102*	*107*		*10.0-135*				
(S) Tetrachloro-m-xylene					*83.6*	*91.7*		*10.0-139*				

Method Blank (MB)

(MB) R3606009-2 12/21/20 10:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-oxybis(1-chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333
Pyrene	U		0.00648	0.0333

Method Blank (MB)

(MB) R3606009-2 12/21/20 10:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyridine	U		0.0220	0.333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Phenol	U		0.0134	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
(S) Nitrobenzene-d5	*49.5*			*10.0-122*
(S) 2-Fluorobiphenyl	*55.6*			*15.0-120*
(S) p-Terphenyl-d14	*60.1*			*10.0-120*
(S) Phenol-d5	*61.1*			*10.0-120*
(S) 2-Fluorophenol	*66.5*			*12.0-120*
(S) 2,4,6-Tribromophenol	*42.5*			*10.0-127*

Method Blank (MB)

(MB) R3606072-1 12/22/20 00:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-oxybis(1-chloropropane)	U		0.0144	0.333

Method Blank (MB)

(MB) R3606072-1 12/22/20 00:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333
Pyrene	U		0.00648	0.0333
Pyridine	U		0.0220	0.333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Nitrophenol	U		0.0119	0.333

Method Blank (MB)

(MB) R3606072-1 12/22/20 00:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Phenol	U		0.0134	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
(S) Nitrobenzene-d5	*47.4*			*10.0-122*
(S) 2-Fluorobiphenyl	*52.3*			*15.0-120*
(S) p-Terphenyl-d14	*60.1*			*10.0-120*
(S) Phenol-d5	*57.5*			*10.0-120*
(S) 2-Fluorophenol	*62.6*			*12.0-120*
(S) 2,4,6-Tribromophenol	*62.8*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3606009-1 12/21/20 10:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.391	58.7	38.0-120	
Acenaphthylene	0.666	0.411	61.7	40.0-120	
Anthracene	0.666	0.472	70.9	42.0-120	
Benzo(a)anthracene	0.666	0.466	70.0	44.0-120	
Benzo(b)fluoranthene	0.666	0.482	72.4	43.0-120	
Benzo(k)fluoranthene	0.666	0.515	77.3	44.0-120	
Benzo(g,h,i)perylene	0.666	0.459	68.9	43.0-120	
Benzo(a)pyrene	0.666	0.520	78.1	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.335	50.3	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.398	59.8	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.384	57.7	23.0-120	
4-Bromophenyl-phenylether	0.666	0.410	61.6	40.0-120	
2-Chloronaphthalene	0.666	0.379	56.9	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.404	60.7	40.0-120	
Chrysene	0.666	0.459	68.9	43.0-120	
Dibenz(a,h)anthracene	0.666	0.450	67.6	44.0-120	
3,3-Dichlorobenzidine	1.33	0.951	71.5	28.0-120	
2,4-Dinitrotoluene	0.666	0.463	69.5	45.0-120	
2,6-Dinitrotoluene	0.666	0.436	65.5	42.0-120	
Fluoranthene	0.666	0.481	72.2	44.0-120	
Fluorene	0.666	0.429	64.4	41.0-120	
Hexachlorobenzene	0.666	0.390	58.6	39.0-120	

Laboratory Control Sample (LCS)

(LCS) R3606009-1 12/21/20 10:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	0.666	0.263	39.5	15.0-120	
Hexachlorocyclopentadiene	0.666	0.298	44.7	15.0-120	
Hexachloroethane	0.666	0.370	55.6	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.445	66.8	45.0-120	
Isophorone	0.666	0.330	49.5	23.0-120	
Naphthalene	0.666	0.311	46.7	18.0-120	
Nitrobenzene	0.666	0.314	47.1	17.0-120	
n-Nitrosodimethylamine	0.666	0.479	71.9	10.0-125	
n-Nitrosodiphenylamine	0.666	0.500	75.1	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.396	59.5	26.0-120	
Phenanthrene	0.666	0.470	70.6	42.0-120	
Benzylbutyl phthalate	0.666	0.534	80.2	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.527	79.1	41.0-120	
Di-n-butyl phthalate	0.666	0.518	77.8	43.0-120	
Diethyl phthalate	0.666	0.459	68.9	43.0-120	
Dimethyl phthalate	0.666	0.435	65.3	43.0-120	
Di-n-octyl phthalate	0.666	0.503	75.5	40.0-120	
Pyrene	0.666	0.475	71.3	41.0-120	
Pyridine	0.666	0.253	38.0	10.0-120	
1,2,4-Trichlorobenzene	0.666	0.282	42.3	17.0-120	
4-Chloro-3-methylphenol	0.666	0.379	56.9	28.0-120	
2-Chlorophenol	0.666	0.404	60.7	28.0-120	
2-Methylphenol	0.666	0.415	62.3	35.0-120	
3&4-Methyl Phenol	0.666	0.488	73.3	42.0-120	
2,4-Dichlorophenol	0.666	0.336	50.5	25.0-120	
2,4-Dimethylphenol	0.666	0.353	53.0	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.581	87.2	16.0-120	
2,4-Dinitrophenol	0.666	0.491	73.7	10.0-120	
2-Nitrophenol	0.666	0.364	54.7	20.0-120	
4-Nitrophenol	0.666	0.549	82.4	27.0-120	
Pentachlorophenol	0.666	0.454	68.2	29.0-120	
Phenol	0.666	0.419	62.9	28.0-120	
2,4,5-Trichlorophenol	0.666	0.403	60.5	38.0-120	
2,4,6-Trichlorophenol	0.666	0.364	54.7	37.0-120	
(S) Nitrobenzene-d5			*41.7*	*10.0-122*	
(S) 2-Fluorobiphenyl			*57.7*	*15.0-120*	
(S) p-Terphenyl-d14			*63.7*	*10.0-120*	
(S) Phenol-d5			*61.4*	*10.0-120*	
(S) 2-Fluorophenol			*64.9*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*56.2*	*10.0-127*	

L1298078-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-02 12/21/20 14:26 • (MS) R3606009-3 12/21/20 14:47 • (MSD) R3606009-4 12/21/20 15:08

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.794	U	0.379	0.312	47.7	40.0	1	18.0-120			19.4	32
Acenaphthylene	0.794	U	0.402	0.332	50.6	42.5	1	25.0-120			19.2	32
Anthracene	0.794	U	0.421	0.346	53.0	44.4	1	22.0-120			19.4	29
Benzo(a)anthracene	0.794	U	0.402	0.344	50.6	44.1	1	25.0-120			15.6	29
Benzo(b)fluoranthene	0.794	U	0.412	0.338	51.9	43.3	1	19.0-122			19.8	31
Benzo(k)fluoranthene	0.794	U	0.412	0.338	51.9	43.3	1	23.0-120			19.8	30
Benzo(g,h,i)perylene	0.794	U	0.350	0.277	44.1	35.6	1	10.0-120			23.3	33
Benzo(a)pyrene	0.794	U	0.440	0.362	55.5	46.5	1	24.0-120			19.4	30
Bis(2-chlorethoxy)methane	0.794	U	0.334	0.282	42.1	36.2	1	10.0-120			16.9	34
Bis(2-chloroethyl)ether	0.794	U	0.395	0.323	49.7	41.4	1	10.0-120			20.0	40
2,2-Oxybis(1-Chloropropane)	0.794	U	0.384	0.320	48.3	41.1	1	10.0-120			17.9	40
4-Bromophenyl-phenylether	0.794	U	0.371	0.304	46.7	39.0	1	27.0-120			19.8	30
2-Chloronaphthalene	0.794	U	0.371	0.308	46.7	39.5	1	20.0-120			18.6	32
4-Chlorophenyl-phenylether	0.794	U	0.386	0.317	48.6	40.6	1	24.0-120			19.7	29
Chrysene	0.794	U	0.387	0.327	48.8	41.9	1	21.0-120			17.0	29
Dibenz(a,h)anthracene	0.794	U	0.362	0.296	45.6	37.9	1	10.0-120			20.3	32
3,3-Dichlorobenzidine	1.58	U	0.267	0.278	16.9	17.9	1	10.0-120			4.08	34
2,4-Dinitrotoluene	0.794	U	0.432	0.361	54.4	46.3	1	30.0-120			17.8	31
2,6-Dinitrotoluene	0.794	U	0.429	0.348	54.0	44.6	1	25.0-120			21.0	31
Fluoranthene	0.794	0.00938	0.434	0.358	53.5	44.7	1	18.0-126			19.4	32
Fluorene	0.794	U	0.417	0.341	52.5	43.8	1	25.0-120			19.9	30
Hexachlorobenzene	0.794	U	0.345	0.281	43.5	36.0	1	27.0-120			20.6	28
Hexachloro-1,3-butadiene	0.794	U	0.276	0.233	34.7	29.8	1	10.0-120			17.0	38
Hexachlorocyclopentadiene	0.794	U	0.0411	0.0327	5.17	4.19	1	10.0-120	J6	J6	22.8	40
Hexachloroethane	0.794	U	0.268	0.219	33.8	28.1	1	10.0-120			20.3	40
Indeno(1,2,3-cd)pyrene	0.794	U	0.370	0.303	46.6	38.9	1	10.0-120			19.9	32
Isophorone	0.794	U	0.336	0.286	42.4	36.7	1	13.0-120			16.3	34
Naphthalene	0.794	U	0.324	0.273	40.8	35.1	1	10.0-120			17.0	35
Nitrobenzene	0.794	U	0.329	0.280	41.4	35.9	1	10.0-120			16.3	36
n-Nitrosodimethylamine	0.794	U	0.438	0.335	55.1	43.0	1	10.0-127			26.6	40
n-Nitrosodiphenylamine	0.794	U	0.431	0.370	54.2	47.5	1	17.0-120			15.1	29
n-Nitrosodi-n-propylamine	0.794	U	0.411	0.339	51.7	43.5	1	10.0-120			19.1	37
Phenanthrene	0.794	0.0105	0.428	0.355	52.6	44.2	1	17.0-120			18.6	31
Benzylbutyl phthalate	0.794	U	0.515	0.435	64.8	55.9	1	23.0-120			16.7	30
Bis(2-ethylhexyl)phthalate	0.794	U	0.511	0.427	64.3	54.8	1	17.0-126			17.9	30
Di-n-butyl phthalate	0.794	U	0.474	0.392	59.7	50.3	1	30.0-120			18.9	29
Diethyl phthalate	0.794	U	0.428	0.351	53.9	45.1	1	26.0-120			19.7	28
Dimethyl phthalate	0.794	U	0.408	0.333	51.4	42.7	1	25.0-120			20.4	29
Di-n-octyl phthalate	0.794	U	0.538	0.449	67.8	57.6	1	21.0-123			18.0	29

L1298078-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298078-02 12/21/20 14:26 • (MS) R3606009-3 12/21/20 14:47 • (MSD) R3606009-4 12/21/20 15:08

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Pyrene	0.794	U	0.418	0.350	52.6	44.9	1	16.0-121			17.7	32
Pyridine	0.794	U	0.268	0.218	33.8	27.9	1	10.0-120			20.9	40
1,2,4-Trichlorobenzene	0.794	U	0.287	0.246	36.1	31.6	1	12.0-120			15.3	37
4-Chloro-3-methylphenol	0.794	U	0.393	0.328	49.5	42.1	1	15.0-120			18.2	30
2-Chlorophenol	0.794	U	0.419	0.348	52.8	44.6	1	15.0-120			18.7	37
2-Methylphenol	0.794	U	0.433	0.360	54.5	46.2	1	11.0-120			18.4	40
3&4-Methyl Phenol	0.794	U	0.497	0.411	62.6	52.7	1	12.0-123			19.1	38
2,4-Dichlorophenol	0.794	U	0.348	0.297	43.8	38.1	1	20.0-120			15.7	31
2,4-Dimethylphenol	0.794	U	0.349	0.302	43.9	38.7	1	10.0-120			14.4	33
4,6-Dinitro-2-methylphenol	0.794	U	0.555	0.497	69.9	63.8	1	10.0-120			11.0	39
2,4-Dinitrophenol	0.794	U	0.579	0.513	72.9	65.9	1	10.0-121			12.0	40
2-Nitrophenol	0.794	U	0.409	0.350	51.6	44.9	1	12.0-120			15.6	39
4-Nitrophenol	0.794	U	0.567	0.476	71.3	61.1	1	10.0-137			17.3	32
Pentachlorophenol	0.794	U	0.463	0.377	58.3	48.4	1	10.0-160			20.3	31
Phenol	0.794	U	0.419	0.350	52.8	44.9	1	12.0-120			18.0	38
2,4,5-Trichlorophenol	0.794	U	0.408	0.344	51.4	44.1	1	20.0-120			17.1	30
2,4,6-Trichlorophenol	0.794	U	0.385	0.318	48.4	40.8	1	19.0-120			19.0	32
(S) Nitrobenzene-d5					*39.3*	*37.5*		*10.0-122*				
(S) 2-Fluorobiphenyl					*47.4*	*40.0*		*15.0-120*				
(S) p-Terphenyl-d14					*47.4*	*41.0*		*10.0-120*				
(S) Phenol-d5					*54.4*	*45.4*		*10.0-120*				
(S) 2-Fluorophenol					*56.1*	*47.1*		*12.0-120*				
(S) 2,4,6-Tribromophenol					*48.6*	*40.3*		*10.0-127*				

Method Blank (MB)

(MB) R3606312-2 12/22/20 08:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-oxybis(1-chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333
Pyrene	U		0.00648	0.0333

Method Blank (MB)

(MB) R3606312-2 12/22/20 08:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyridine	U		0.0220	0.333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Phenol	U		0.0134	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
(S) Nitrobenzene-d5	*57.4*			*10.0-122*
(S) 2-Fluorobiphenyl	*54.7*			*15.0-120*
(S) p-Terphenyl-d14	*58.3*			*10.0-120*
(S) Phenol-d5	*60.2*			*10.0-120*
(S) 2-Fluorophenol	*63.2*			*12.0-120*
(S) 2,4,6-Tribromophenol	*64.7*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3606312-1 12/22/20 08:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.325	48.8	38.0-120	
Acenaphthylene	0.666	0.362	54.4	40.0-120	
Anthracene	0.666	0.398	59.8	42.0-120	
Benzo(a)anthracene	0.666	0.434	65.2	44.0-120	
Benzo(b)fluoranthene	0.666	0.382	57.4	43.0-120	
Benzo(k)fluoranthene	0.666	0.374	56.2	44.0-120	
Benzo(g,h,i)perylene	0.666	0.428	64.3	43.0-120	
Benzo(a)pyrene	0.666	0.400	60.1	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.312	46.8	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.382	57.4	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.332	49.8	23.0-120	

Laboratory Control Sample (LCS)

(LCS) R3606312-1 12/22/20 08:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Bromophenyl-phenylether	0.666	0.427	64.1	40.0-120	
2-Chloronaphthalene	0.666	0.344	51.7	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.389	58.4	40.0-120	
Chrysene	0.666	0.359	53.9	43.0-120	
Dibenz(a,h)anthracene	0.666	0.441	66.2	44.0-120	
3,3-Dichlorobenzidine	1.33	0.654	49.2	28.0-120	
2,4-Dinitrotoluene	0.666	0.437	65.6	45.0-120	
2,6-Dinitrotoluene	0.666	0.396	59.5	42.0-120	
Fluoranthene	0.666	0.429	64.4	44.0-120	
Fluorene	0.666	0.365	54.8	41.0-120	
Hexachlorobenzene	0.666	0.429	64.4	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.325	48.8	15.0-120	
Hexachlorocyclopentadiene	0.666	0.260	39.0	15.0-120	
Hexachloroethane	0.666	0.341	51.2	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.466	70.0	45.0-120	
Isophorone	0.666	0.337	50.6	23.0-120	
Naphthalene	0.666	0.284	42.6	18.0-120	
Nitrobenzene	0.666	0.323	48.5	17.0-120	
n-Nitrosodimethylamine	0.666	0.358	53.8	10.0-125	
n-Nitrosodiphenylamine	0.666	0.400	60.1	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.408	61.3	26.0-120	
Phenanthrene	0.666	0.383	57.5	42.0-120	
Benzylbutyl phthalate	0.666	0.420	63.1	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.402	60.4	41.0-120	
Di-n-butyl phthalate	0.666	0.412	61.9	43.0-120	
Diethyl phthalate	0.666	0.420	63.1	43.0-120	
Dimethyl phthalate	0.666	0.391	58.7	43.0-120	
Di-n-octyl phthalate	0.666	0.448	67.3	40.0-120	
Pyrene	0.666	0.356	53.5	41.0-120	
Pyridine	0.666	0.251	37.7	10.0-120	
1,2,4-Trichlorobenzene	0.666	0.303	45.5	17.0-120	
4-Chloro-3-methylphenol	0.666	0.349	52.4	28.0-120	
2-Chlorophenol	0.666	0.374	56.2	28.0-120	
2-Methylphenol	0.666	0.388	58.3	35.0-120	
3&4-Methyl Phenol	0.666	0.451	67.7	42.0-120	
2,4-Dichlorophenol	0.666	0.336	50.5	25.0-120	
2,4-Dimethylphenol	0.666	0.328	49.2	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.434	65.2	16.0-120	
2,4-Dinitrophenol	0.666	0.319	47.9	10.0-120	
2-Nitrophenol	0.666	0.308	46.2	20.0-120	

Laboratory Control Sample (LCS)

(LCS) R3606312-1 12/22/20 08:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Nitrophenol	0.666	0.396	59.5	27.0-120	
Pentachlorophenol	0.666	0.440	66.1	29.0-120	
Phenol	0.666	0.375	56.3	28.0-120	
2,4,5-Trichlorophenol	0.666	0.410	61.6	38.0-120	
2,4,6-Trichlorophenol	0.666	0.413	62.0	37.0-120	
(S) Nitrobenzene-d5			*47.7*	*10.0-122*	
(S) 2-Fluorobiphenyl			*50.8*	*15.0-120*	
(S) p-Terphenyl-d14			*53.5*	*10.0-120*	
(S) Phenol-d5			*60.2*	*10.0-120*	
(S) 2-Fluorophenol			*63.1*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*73.9*	*10.0-127*	

L1298758-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298758-09 12/22/20 08:42 • (MS) R3606312-3 12/22/20 09:03 • (MSD) R3606312-4 12/22/20 09:24

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.628	U	0.334	0.356	53.2	54.8	1	18.0-120			6.38	32
Acenaphthylene	0.628	U	0.369	0.392	58.8	60.3	1	25.0-120			6.04	32
Anthracene	0.628	U	0.401	0.414	63.9	63.7	1	22.0-120			3.19	29
Benzo(a)anthracene	0.628	U	0.428	0.456	68.2	70.2	1	25.0-120			6.33	29
Benzo(b)fluoranthene	0.628	U	0.374	0.406	59.6	62.5	1	19.0-122			8.21	31
Benzo(k)fluoranthene	0.628	U	0.362	0.397	57.6	61.1	1	23.0-120			9.22	30
Benzo(g,h,i)perylene	0.628	U	0.414	0.444	65.9	68.3	1	10.0-120			6.99	33
Benzo(a)pyrene	0.628	U	0.396	0.431	63.1	66.3	1	24.0-120			8.46	30
Bis(2-chlorethoxy)methane	0.628	U	0.323	0.351	51.4	54.0	1	10.0-120			8.31	34
Bis(2-chloroethyl)ether	0.628	U	0.342	0.363	54.5	55.8	1	10.0-120			5.96	40
2,2-Oxybis(1-Chloropropane)	0.628	U	0.344	0.362	54.8	55.7	1	10.0-120			5.10	40
4-Bromophenyl-phenylether	0.628	U	0.430	0.459	68.5	70.6	1	27.0-120			6.52	30
2-Chloronaphthalene	0.628	U	0.356	0.377	56.7	58.0	1	20.0-120			5.73	32
4-Chlorophenyl-phenylether	0.628	U	0.393	0.420	62.6	64.6	1	24.0-120			6.64	29
Chrysene	0.628	U	0.363	0.382	57.8	58.8	1	21.0-120			5.10	29
Dibenz(a,h)anthracene	0.628	U	0.420	0.452	66.9	69.5	1	10.0-120			7.34	32
3,3-Dichlorobenzidine	1.26	U	0.697	0.792	55.3	60.9	1	10.0-120			12.8	34
2,4-Dinitrotoluene	0.628	U	0.439	0.461	69.9	70.9	1	30.0-120			4.89	31
2,6-Dinitrotoluene	0.628	U	0.404	0.435	64.3	66.9	1	25.0-120			7.39	31
Fluoranthene	0.628	U	0.432	0.460	68.8	70.8	1	18.0-126			6.28	32
Fluorene	0.628	U	0.376	0.402	59.9	61.8	1	25.0-120			6.68	30
Hexachlorobenzene	0.628	U	0.438	0.461	69.7	70.9	1	27.0-120			5.12	28

L1298758-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298758-09 12/22/20 08:42 • (MS) R3606312-3 12/22/20 09:03 • (MSD) R3606312-4 12/22/20 09:24

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexachloro-1,3-butadiene	0.628	U	0.318	0.348	50.6	53.5	1	10.0-120			9.01	38
Hexachlorocyclopentadiene	0.628	U	0.264	0.282	42.0	43.4	1	10.0-120			6.59	40
Hexachloroethane	0.628	U	0.352	0.370	56.1	56.9	1	10.0-120			4.99	40
Indeno(1,2,3-cd)pyrene	0.628	U	0.463	0.493	73.7	75.8	1	10.0-120			6.28	32
Isophorone	0.628	U	0.339	0.368	54.0	56.6	1	13.0-120			8.20	34
Naphthalene	0.628	U	0.291	0.312	46.3	48.0	1	10.0-120			6.97	35
Nitrobenzene	0.628	U	0.333	0.352	53.0	54.2	1	10.0-120			5.55	36
n-Nitrosodimethylamine	0.628	U	0.359	0.379	57.2	58.3	1	10.0-127			5.42	40
n-Nitrosodiphenylamine	0.628	U	0.397	0.421	63.2	64.8	1	17.0-120			5.87	29
n-Nitrosodi-n-propylamine	0.628	U	0.414	0.453	65.9	69.7	1	10.0-120			9.00	37
Phenanthrene	0.628	U	0.382	0.402	60.8	61.8	1	17.0-120			5.10	31
Benzylbutyl phthalate	0.628	U	0.418	0.443	66.6	68.2	1	23.0-120			5.81	30
Bis(2-ethylhexyl)phthalate	0.628	U	0.392	0.428	62.4	65.8	1	17.0-126			8.78	30
Di-n-butyl phthalate	0.628	U	0.415	0.442	66.1	68.0	1	30.0-120			6.30	29
Diethyl phthalate	0.628	U	0.418	0.444	66.6	68.3	1	26.0-120			6.03	28
Dimethyl phthalate	0.628	U	0.403	0.424	64.2	65.2	1	25.0-120			5.08	29
Di-n-octyl phthalate	0.628	U	0.456	0.490	72.6	75.4	1	21.0-123			7.19	29
Pyrene	0.628	U	0.358	0.378	57.0	58.2	1	16.0-121			5.43	32
Pyridine	0.628	U	0.187	0.191	29.8	29.4	1	10.0-120			2.12	40
1,2,4-Trichlorobenzene	0.628	U	0.312	0.335	49.7	51.5	1	12.0-120			7.11	37
4-Chloro-3-methylphenol	0.628	U	0.354	0.382	56.4	58.8	1	15.0-120			7.61	30
2-Chlorophenol	0.628	U	0.380	0.411	60.5	63.2	1	15.0-120			7.84	37
2-Methylphenol	0.628	U	0.398	0.437	63.4	67.2	1	11.0-120			9.34	40
3&4-Methyl Phenol	0.628	U	0.457	0.497	72.8	76.5	1	12.0-123			8.39	38
2,4-Dichlorophenol	0.628	U	0.344	0.365	54.8	56.2	1	20.0-120			5.92	31
2,4-Dimethylphenol	0.628	U	0.340	0.362	54.1	55.7	1	10.0-120			6.27	33
4,6-Dinitro-2-methylphenol	0.628	U	0.475	0.504	75.6	77.5	1	10.0-120			5.92	39
2,4-Dinitrophenol	0.628	U	0.442	0.488	70.4	75.1	1	10.0-121			9.89	40
2-Nitrophenol	0.628	U	0.323	0.351	51.4	54.0	1	12.0-120			8.31	39
4-Nitrophenol	0.628	U	0.401	0.430	63.9	66.2	1	10.0-137			6.98	32
Pentachlorophenol	0.628	U	0.483	0.514	76.9	79.1	1	10.0-160			6.22	31
Phenol	0.628	U	0.371	0.400	59.1	61.5	1	12.0-120			7.52	38
2,4,5-Trichlorophenol	0.628	U	0.426	0.452	67.8	69.5	1	20.0-120			5.92	30
2,4,6-Trichlorophenol	0.628	U	0.441	0.470	70.2	72.3	1	19.0-120			6.37	32
(S) Nitrobenzene-d5					*50.3*	*51.1*		*10.0-122*				
(S) 2-Fluorobiphenyl					*54.8*	*56.6*		*15.0-120*				
(S) p-Terphenyl-d14					*55.4*	*57.8*		*10.0-120*				
(S) Phenol-d5					*65.0*	*66.3*		*10.0-120*				
(S) 2-Fluorophenol					*67.0*	*68.8*		*12.0-120*				
(S) 2,4,6-Tribromophenol					*81.5*	*81.5*		*10.0-127*				

Method Blank (MB)

(MB) R3607485-2 12/24/20 14:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00469	0.0333
Anthracene	U		0.00593	0.0333
Benzo(a)anthracene	U		0.00587	0.0333
Benzo(b)fluoranthene	U		0.00621	0.0333
Benzo(k)fluoranthene	U		0.00592	0.0333
Benzo(g,h,i)perylene	U		0.00609	0.0333
Benzo(a)pyrene	U		0.00619	0.0333
Bis(2-chlorethoxy)methane	U		0.0100	0.333
Bis(2-chloroethyl)ether	U		0.0110	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0144	0.333
4-Bromophenyl-phenylether	U		0.0117	0.333
2-Chloronaphthalene	U		0.00585	0.0333
4-Chlorophenyl-phenylether	U		0.0116	0.333
Chrysene	U		0.00662	0.0333
Dibenz(a,h)anthracene	U		0.00923	0.0333
3,3-Dichlorobenzidine	U		0.0123	0.333
2,4-Dinitrotoluene	U		0.00955	0.333
2,6-Dinitrotoluene	U		0.0109	0.333
Fluoranthene	U		0.00601	0.0333
Fluorene	U		0.00542	0.0333
Hexachlorobenzene	U		0.0118	0.333
Hexachloro-1,3-butadiene	U		0.0112	0.333
Hexachlorocyclopentadiene	U		0.0175	0.333
Hexachloroethane	U		0.0131	0.333
Indeno(1,2,3-cd)pyrene	U		0.00941	0.0333
Isophorone	U		0.0102	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0116	0.333
n-Nitrosodimethylamine	U		0.0494	0.333
n-Nitrosodiphenylamine	U		0.0252	0.333
n-Nitrosodi-n-propylamine	U		0.0111	0.333
Phenanthrene	U		0.00661	0.0333
Benzylbutyl phthalate	U		0.0104	0.333
Bis(2-ethylhexyl)phthalate	U		0.0422	0.333
Di-n-butyl phthalate	U		0.0114	0.333
Diethyl phthalate	U		0.0110	0.333
Dimethyl phthalate	U		0.0706	0.333
Di-n-octyl phthalate	U		0.0225	0.333
Pyrene	U		0.00648	0.0333

Method Blank (MB)

(MB) R3607485-2 12/24/20 14:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyridine	U		0.0220	0.333
1,2,4-Trichlorobenzene	U		0.0104	0.333
4-Chloro-3-methylphenol	U		0.0108	0.333
2-Chlorophenol	U		0.0110	0.333
2-Methylphenol	U		0.0100	0.333
3&4-Methyl Phenol	U		0.0104	0.333
2,4-Dichlorophenol	U		0.00970	0.333
2,4-Dimethylphenol	U		0.00870	0.333
4,6-Dinitro-2-methylphenol	U		0.0755	0.333
2,4-Dinitrophenol	U		0.0779	0.333
2-Nitrophenol	U		0.0119	0.333
4-Nitrophenol	U		0.0104	0.333
Pentachlorophenol	U		0.00896	0.333
Phenol	U		0.0134	0.333
2,4,5-Trichlorophenol	U		0.0113	0.333
2,4,6-Trichlorophenol	U		0.0107	0.333
(S) Nitrobenzene-d5	*61.3*			*10.0-122*
(S) 2-Fluorobiphenyl	*71.8*			*15.0-120*
(S) p-Terphenyl-d14	*78.1*			*10.0-120*
(S) Phenol-d5	*66.8*			*10.0-120*
(S) 2-Fluorophenol	*76.6*			*12.0-120*
(S) 2,4,6-Tribromophenol	*80.9*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3607485-1 12/24/20 13:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.447	67.1	38.0-120	
Acenaphthylene	0.666	0.472	70.9	40.0-120	
Anthracene	0.666	0.553	83.0	42.0-120	
Benzo(a)anthracene	0.666	0.558	83.8	44.0-120	
Benzo(b)fluoranthene	0.666	0.553	83.0	43.0-120	
Benzo(k)fluoranthene	0.666	0.570	85.6	44.0-120	
Benzo(g,h,i)perylene	0.666	0.573	86.0	43.0-120	
Benzo(a)pyrene	0.666	0.600	90.1	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.377	56.6	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.475	71.3	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.487	73.1	23.0-120	

Laboratory Control Sample (LCS)

(LCS) R3607485-1 12/24/20 13:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Bromophenyl-phenylether	0.666	0.583	87.5	40.0-120	
2-Chloronaphthalene	0.666	0.475	71.3	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.540	81.1	40.0-120	
Chrysene	0.666	0.537	80.6	43.0-120	
Dibenz(a,h)anthracene	0.666	0.558	83.8	44.0-120	
3,3-Dichlorobenzidine	1.33	0.991	74.5	28.0-120	
2,4-Dinitrotoluene	0.666	0.589	88.4	45.0-120	
2,6-Dinitrotoluene	0.666	0.536	80.5	42.0-120	
Fluoranthene	0.666	0.579	86.9	44.0-120	
Fluorene	0.666	0.509	76.4	41.0-120	
Hexachlorobenzene	0.666	0.603	90.5	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.470	70.6	15.0-120	
Hexachlorocyclopentadiene	0.666	0.493	74.0	15.0-120	
Hexachloroethane	0.666	0.476	71.5	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.556	83.5	45.0-120	
Isophorone	0.666	0.374	56.2	23.0-120	
Naphthalene	0.666	0.391	58.7	18.0-120	
Nitrobenzene	0.666	0.381	57.2	17.0-120	
n-Nitrosodimethylamine	0.666	0.386	58.0	10.0-125	
n-Nitrosodiphenylamine	0.666	0.539	80.9	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.454	68.2	26.0-120	
Phenanthrene	0.666	0.552	82.9	42.0-120	
Benzylbutyl phthalate	0.666	0.504	75.7	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.513	77.0	41.0-120	
Di-n-butyl phthalate	0.666	0.566	85.0	43.0-120	
Diethyl phthalate	0.666	0.538	80.8	43.0-120	
Dimethyl phthalate	0.666	0.533	80.0	43.0-120	
Di-n-octyl phthalate	0.666	0.506	76.0	40.0-120	
Pyrene	0.666	0.513	77.0	41.0-120	
Pyridine	0.666	0.271	40.7	10.0-120	
1,2,4-Trichlorobenzene	0.666	0.417	62.6	17.0-120	
4-Chloro-3-methylphenol	0.666	0.435	65.3	28.0-120	
2-Chlorophenol	0.666	0.502	75.4	28.0-120	
2-Methylphenol	0.666	0.483	72.5	35.0-120	
3&4-Methyl Phenol	0.666	0.538	80.8	42.0-120	
2,4-Dichlorophenol	0.666	0.447	67.1	25.0-120	
2,4-Dimethylphenol	0.666	0.463	69.5	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.603	90.5	16.0-120	
2,4-Dinitrophenol	0.666	0.429	64.4	10.0-120	
2-Nitrophenol	0.666	0.437	65.6	20.0-120	

Laboratory Control Sample (LCS)

(LCS) R3607485-1 12/24/20 13:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
4-Nitrophenol	0.666	0.536	80.5	27.0-120	
Pentachlorophenol	0.666	0.608	91.3	29.0-120	
Phenol	0.666	0.453	68.0	28.0-120	
2,4,5-Trichlorophenol	0.666	0.516	77.5	38.0-120	
2,4,6-Trichlorophenol	0.666	0.558	83.8	37.0-120	
(S) Nitrobenzene-d5			*50.8*	*10.0-122*	
(S) 2-Fluorobiphenyl			*69.4*	*15.0-120*	
(S) p-Terphenyl-d14			*75.1*	*10.0-120*	
(S) Phenol-d5			*68.9*	*10.0-120*	
(S) 2-Fluorophenol			*78.7*	*12.0-120*	
(S) 2,4,6-Tribromophenol			*90.2*	*10.0-127*	

L1298725-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298725-02 12/24/20 15:52 • (MS) R3607485-3 12/24/20 16:12 • (MSD) R3607485-4 12/24/20 16:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.756	U	0.369	0.317	48.8	41.9	1	18.0-120			15.1	32
Acenaphthylene	0.756	U	0.392	0.331	51.8	43.8	1	25.0-120			16.9	32
Anthracene	0.756	U	0.523	0.456	69.1	60.3	1	22.0-120			13.6	29
Benzo(a)anthracene	0.756	U	0.547	0.483	72.3	63.8	1	25.0-120			12.5	29
Benzo(b)fluoranthene	0.756	U	0.554	0.497	73.3	65.8	1	19.0-122			10.7	31
Benzo(k)fluoranthene	0.756	U	0.570	0.501	75.4	66.3	1	23.0-120			12.9	30
Benzo(g,h,i)perylene	0.756	U	0.608	0.531	80.4	70.2	1	10.0-120			13.5	33
Benzo(a)pyrene	0.756	U	0.608	0.539	80.4	71.3	1	24.0-120			12.0	30
Bis(2-chlorethoxy)methane	0.756	U	0.276	0.260	36.5	34.3	1	10.0-120			6.01	34
Bis(2-chloroethyl)ether	0.756	U	0.317	0.295	41.9	39.1	1	10.0-120			7.13	40
2,2-Oxybis(1-Chloropropane)	0.756	U	0.295	0.295	39.1	39.1	1	10.0-120			0.000	40
4-Bromophenyl-phenylether	0.756	U	0.508	0.442	67.2	58.5	1	27.0-120			13.8	30
2-Chloronaphthalene	0.756	U	0.369	0.319	48.8	42.2	1	20.0-120			14.4	32
4-Chlorophenyl-phenylether	0.756	U	0.470	0.399	62.2	52.7	1	24.0-120			16.4	29
Chrysene	0.756	U	0.532	0.476	70.4	62.9	1	21.0-120			11.2	29
Dibenz(a,h)anthracene	0.756	U	0.564	0.505	74.6	66.9	1	10.0-120			11.0	32
3,3-Dichlorobenzidine	1.52	U	0.994	0.850	65.5	56.1	1	10.0-120			15.6	34
2,4-Dinitrotoluene	0.756	U	0.545	0.477	72.0	63.1	1	30.0-120			13.3	31
2,6-Dinitrotoluene	0.756	U	0.499	0.432	66.0	57.1	1	25.0-120			14.3	31
Fluoranthene	0.756	0.00848	0.602	0.522	78.5	67.9	1	18.0-126			14.3	32
Fluorene	0.756	U	0.454	0.372	60.0	49.2	1	25.0-120			19.7	30
Hexachlorobenzene	0.756	U	0.528	0.473	69.9	62.6	1	27.0-120			11.0	28

L1298725-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298725-02 12/24/20 15:52 • (MS) R3607485-3 12/24/20 16:12 • (MSD) R3607485-4 12/24/20 16:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexachloro-1,3-butadiene	0.756	U	0.295	0.291	39.1	38.4	1	10.0-120			1.57	38
Hexachlorocyclopentadiene	0.756	U	0.285	0.250	37.7	33.1	1	10.0-120			12.9	40
Hexachloroethane	0.756	U	0.276	0.279	36.5	36.9	1	10.0-120			1.24	40
Indeno(1,2,3-cd)pyrene	0.756	U	0.578	0.512	76.4	67.8	1	10.0-120			12.0	32
Isophorone	0.756	U	0.265	0.257	35.1	34.0	1	13.0-120			3.08	34
Naphthalene	0.756	U	0.270	0.261	35.7	34.5	1	10.0-120			3.46	35
Nitrobenzene	0.756	U	0.267	0.258	35.3	34.2	1	10.0-120			3.06	36
n-Nitrosodimethylamine	0.756	U	0.236	0.217	31.2	28.7	1	10.0-127			8.12	40
n-Nitrosodiphenylamine	0.756	U	0.455	0.407	60.2	53.8	1	17.0-120			11.2	29
n-Nitrosodi-n-propylamine	0.756	U	0.291	0.280	38.4	37.1	1	10.0-120			3.62	37
Phenanthrene	0.756	0.00993	0.558	0.474	72.5	61.5	1	17.0-120			16.2	31
Benzylbutyl phthalate	0.756	U	0.489	0.435	64.7	57.6	1	23.0-120			11.7	30
Bis(2-ethylhexyl)phthalate	0.756	U	0.505	0.455	66.9	60.2	1	17.0-126			10.5	30
Di-n-butyl phthalate	0.756	U	0.548	0.472	72.5	62.5	1	30.0-120			14.9	29
Diethyl phthalate	0.756	U	0.500	0.430	66.1	56.8	1	26.0-120			15.1	28
Dimethyl phthalate	0.756	U	0.488	0.404	64.6	53.5	1	25.0-120			18.8	29
Di-n-octyl phthalate	0.756	U	0.509	0.451	67.3	59.7	1	21.0-123			12.0	29
Pyrene	0.756	0.0100	0.527	0.477	68.4	61.7	1	16.0-121			10.1	32
1,2,4-Trichlorobenzene	0.756	U	0.291	0.283	38.4	37.4	1	12.0-120			2.81	37
4-Chloro-3-methylphenol	0.756	U	0.380	0.330	50.3	43.6	1	15.0-120			14.2	30
2-Chlorophenol	0.756	U	0.323	0.317	42.7	41.9	1	15.0-120			1.80	37
2,4-Dichlorophenol	0.756	U	0.339	0.302	44.8	40.0	1	20.0-120			11.5	31
2,4-Dimethylphenol	0.756	U	0.334	0.302	44.2	40.0	1	10.0-120			10.1	33
4,6-Dinitro-2-methylphenol	0.756	U	0.599	0.574	79.2	76.0	1	10.0-120			4.11	39
Pyridine	0.756	U	0.160	0.183	21.1	24.2	1	10.0-120			13.4	40
2,4-Dinitrophenol	0.756	U	0.480	0.492	63.5	65.0	1	10.0-121			2.36	40
2-Nitrophenol	0.756	U	0.299	0.288	39.5	38.1	1	12.0-120			3.52	39
4-Nitrophenol	0.756	U	0.556	0.473	73.6	62.6	1	10.0-137			16.1	32
Pentachlorophenol	0.756	U	0.627	0.539	83.0	71.3	1	10.0-160			15.2	31
Phenol	0.756	0.0530	0.394	0.304	45.1	33.3	1	12.0-120			25.7	38
2-Methylphenol	0.756	U	0.355	0.319	47.0	42.2	1	11.0-120			10.6	40
3&4-Methyl Phenol	0.756	U	0.391	0.327	51.7	43.3	1	12.0-123			17.6	38
2,4,6-Trichlorophenol	0.756	U	0.474	0.402	62.8	53.2	1	19.0-120			16.5	32
2,4,5-Trichlorophenol	0.756	U	0.469	0.392	62.0	51.8	1	20.0-120			17.9	30
(S) Nitrobenzene-d5					*32.2*	*29.6*		*10.0-122*				
(S) 2-Fluorobiphenyl					*48.9*	*40.7*		*15.0-120*				
(S) p-Terphenyl-d14					*67.2*	*59.0*		*10.0-120*				
(S) Phenol-d5					*42.9*	*38.3*		*10.0-120*				
(S) 2-Fluorophenol					*46.2*	*43.8*		*12.0-120*				

L1298725-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1298725-02 12/24/20 15:52 • (MS) R3607485-3 12/24/20 16:12 • (MSD) R3607485-4 12/24/20 16:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) 2,4,6-Tribromophenol					*80.4*	*68.4*		*10.0-127*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Qualifier	Description
P	RPD between the primary and confirmatory analysis exceeded 40%.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA

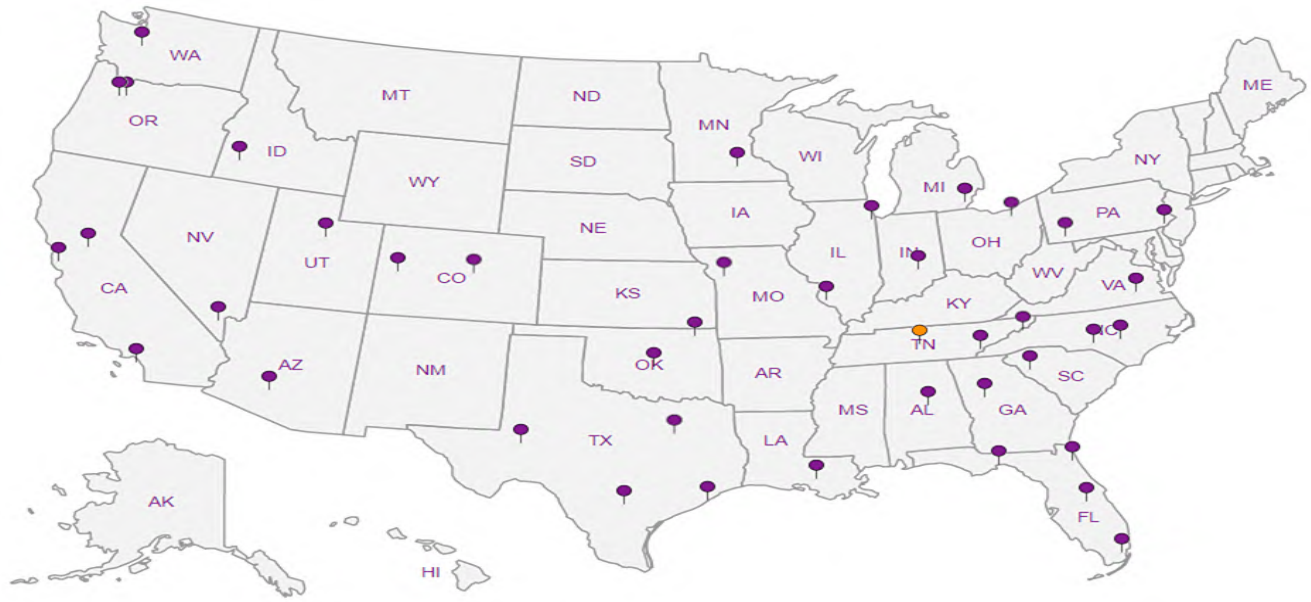
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: PT MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 7

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG: B192

Table: L1298078

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
1C		SS		121420	1132	3	✓	✓	✓		✓	✓	✓					-01
1D		SS			1120	2				✓					✓	✓		-02
2C		SS			1155	3	✓	✓	✓		✓	✓	✓					-03
2D		SS			1145	2				✓					✓	✓		-04
3C		SS			1350	3	✓	✓	✓		✓	✓	✓					-05
3D		SS			1400	2				✓					✓	✓		-06
4C		SS			1422	3	✓	✓	✓		✓	✓	✓					-07
4D		SS			1422	2				✓					✓	✓		-08
5C		SS			1415	3	✓	✓	✓		✓	✓	✓					-09
5D		SS			1425	2				✓					✓	✓		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SW

Tracking # NL

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by: (Signature)	Date: 12-16-2020	Time: 0900	Received by: (Signature) PACE NAS	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature) PACE NAS	Date: 12/16/20	Time: 1630	Received by: (Signature) SWA CARGO	Temp: 1.3+.1=1.4 °C Bottles Received: 10
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/17/20 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: PT MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Chain of Custody Page 2 of 3

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298078

Table #

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
6C		SS		121420	1406	3	✓	✓	✓		✓	✓	✓					-11
6D		SS			1406	2				✓					✓	✓		-12
AF ~~7D~~ 7C		SS			1442	3	✓	✓	✓		✓	✓	✓					-13
7D		SS			1450	2				✓					✓	✓		-14
8C		SS			1156	3	✓	✓	✓		✓	✓	✓					-15
8D		SS			1156	2				✓					✓	✓		-16
9C		SS			1451	3	✓	✓	✓		✓	✓	✓					-17
9D		SS			1451	2				✓					✓	✓		-18
10C		SS			1508	3	✓	✓	✓		✓	✓	✓					-19
10D		SS			1508	2				✓					✓	✓		-20

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SV

Tracking # MA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature)	12-16-2020	0900	Received by: (Signature) PACE NA+	Trip Blank Received: Yes / No HCl / MeoH TBR
Relinquished by : (Signature) PACE NA+	12/16/20	1630	Received by: (Signature) SWA CARGO	Temp: 1.3+1.4 °C Bottles Received: 16
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12-17-2 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: PT MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: STJ TAT

Chain of Custody Page 3 of 7

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298078

Table #

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
11C		SS		121420	1615	3	✓	✓	✓		✓	✓	✓					-21
11D		SS			1623	2				✓					✓	✓		-22
12C		SS			1640	3	✓	✓	✓		✓	✓	✓					-23
12D		SS			1649	2				✓					✓	✓		-24
13C		SS		121520	0800	3	✓	✓	✓		✓	✓	✓					-25
13D		SS			0810	2				✓					✓	✓		-26
14C		SS			0910	3	✓	✓	✓		✓	✓	✓					-27
14D		SS			0902	2				✓					✓	✓		-28
15C		SS			0850	3	✓	✓	✓		✓	✓	✓					-29
15D		SS			0843	2				✓					✓	✓		-30

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other _____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier 5V

Tracking # NA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	12-16-2020	0900	PACE NA		
PACE NA	12/16/20	1630	SWA CARGO	Temp: °C Bottles Received:	
				1.3+1.4 15	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
				12-17-20 1300	

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 4 of 7

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298078

Table #

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
16C		SS		121520	0830	3	✓	✓	✓		✓	✓	✓					-31
16D		SS			0822	2				✓					✓	✓		-32
17C		SS			1005	3	✓	✓	✓		✓	✓	✓					-33
17D		SS			1015	2				✓					✓	✓		-34
18C		SS			1040	3	✓	✓	✓		✓	✓	✓					-35
18D		SS			1031	2				✓					✓	✓		-36
19C		SS			1105	3	✓	✓	✓		✓	✓	✓					-37
19D		SS			1058	2				✓					✓	✓		-38
20C		SS			1212	3	✓	✓	✓		✓	✓	✓					-39
20D		SS			1205	2				✓					✓	✓		-40

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SW

Tracking # NA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	12-16-2020	0900	PACE NAT		
PACE NAT	12/16/20	1630	SWA CARGO	Temp: 1.3+1=1.4 °C Bottles Received: 4	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				12-17-2	1300

Hold: | Condition: NCF / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ____ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Analysis / Container / Preservative

Chain of Custody Page 5 of 7

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
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Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298078

Table #

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
21 C		SS		121520	1150	3	✓	✓	✓		✓	✓	✓					-41
21 D		SS			1140	2				✓					✓	✓		-42
22 C		SS			1128	3	✓	✓	✓		✓	✓	✓					-43
22 D		SS			1120	2				✓					✓	✓		-44
23 C		SS			1528	3	✓	✓	✓		✓		✓					-45
23 D		SS			1528	2				✓					✓	✓		-46
24 C		SS			1505	3	✓	✓	✓		✓		✓					-47
24 D		SS			1455	2				✓					✓	✓		-48
25 C		SS			1525	3	✓	✓	✓		✓		✓					-49
25 D		SS			1517	2				✓					✓	✓		-50

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____ IV

Tracking # NA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature)	12-16-2020	0900	Received by: (Signature) PACE NAT	Trip Blank Received: Yes / No HCL / MeOH TBR
Relinquished by : (Signature) PACE NAT	12/16/20	1630	Received by: (Signature) SWA CARGO	Temp: -1.7°C Bottles Received: 1.3+1=1.4 100
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12-17-2 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project #: ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Chain of Custody Page 6 of 7

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298078

Table #

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
26 C		SS		12-15-20	1506	3	✓	✓	✓		✓	✓	✓					-S1
26 D		SS			1506	2				✓					✓	✓		-S2
27 C		SS			1300	3	✓	✓	✓		✓	✓	✓					-S3
27 D		SS			1300	2				✓					✓	✓		-S4
28 C		SS			1240	3	✓	✓	✓		✓	✓	✓					-S5
28 D		SS			1240	2				✓					✓	✓		-S6
29 C		SS			0950	3	✓	✓	✓		✓	✓	✓					-S7
29 D		SS			0950	2				✓					✓	✓		-S8
30 C		SS			1007	3	✓	✓	✓		✓	✓	✓					-S9
30 D		SS			1007	2				✓					✓	✓		-60

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SV

Tracking # NA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature)	12-16-2020	0900	Received by: (Signature) PACE NAT	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature) PACE NAT	12/16/20	1630	Received by: (Signature) SWA CARGO	Temp: 1.7 °C Bottles Received: 1.3+1=1.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12-17-20 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: (NCF) / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Immediately Packed on Ice N ___ Y X

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
31C		SS		12-15-20	1025	3	✓	✓	✓		✓	✓	✓					-61
31D		SS			1025	2				✓					✓	✓		-62
32C		SS			1220	3	✓	✓	✓		✓	✓	✓					-63
32D		SS			1220	2				✓					✓	✓		-64
		SS																
		SS																
		SS																
		SS																
		SS																
		SS																
		SS																

Chain of Custody Page 7 of 7

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298078

Table #

Acctnum: ATCMCA
Template: T178844
Prelogin: P815055
PM: 110 - Brian Ford
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other _____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SV

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	12-16-2020	0900	PACE NAT	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
PACE NAT	12/16/20	1630	SWA CARGO	1.3, 1.2, 1.4 160
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				12-17-2 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Hailey Melson

Pace Analytical®
National Center for Testing & Innovation

Login #: L1298078	Client: ATCMCA	Date: 12/17/2020	Evaluated by: Monica R.

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time	x	Login Clarification Needed		**If Broken Container:**
	Temperature not in range		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	pH not in range.		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Couri
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:
	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments:

Missing 1- 8oz container for 5C
Received additional 8oz for 5D
Missing 1-4oz for 7C- sending second 8 oz for asbestos.
Received additional 4oz for 7D

Client informed by:		Call		Email x		Voice Mail		Date:12/18/20	Time:1800
TSR Initials:bjf	Client Contact: PMs								

Login Instructions:

Log the extra 8oz labeled as 5D as 5C.

Log the 4oz labeled as 7D as 7C.

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

January 05, 2021

ATC - Modesto, CA

Sample Delivery Group:	L1298099
Samples Received:	12/17/2020
Project Number:	
Description:	P. Watsonville

Report To:

Jeanne Homsey
1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Entire Report Reviewed By:

Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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1C L1298099-01 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:32 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

2C L1298099-02 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:55 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

3C L1298099-03 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 13:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

4C L1298099-04 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:22 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

5C L1298099-05 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:15 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

6C L1298099-06 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:06 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

7C L1298099-07 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:42 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

8C L1298099-08 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 11:56 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

9C L1298099-09 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 14:51 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

10C L1298099-10 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 15:08 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

11C L1298099-11 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 16:15 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

12C L1298099-12 Solid

Collected by: Alex Flores | Collected date/time: 12/14/20 16:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

13C L1298099-13 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:00 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

14C L1298099-14 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 09:10 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

15C L1298099-15 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

16C L1298099-16 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 08:30 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

17C L1298099-17 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:05 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

18C L1298099-18 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

19C L1298099-19 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:05 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

20C L1298099-20 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:12 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

21C L1298099-21 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

22C L1298099-22 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 11:28 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

23C L1298099-23 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:28 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

24C L1298099-24 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:05 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

25C L1298099-25 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:25 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

26C L1298099-26 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 15:06 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

27C L1298099-27 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 13:00 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

28C L1298099-28 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:40 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

29C L1298099-29 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 09:50 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

30C L1298099-30 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:07 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

31C L1298099-31 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 10:25 | Received date/time: 12/17/20 13:00

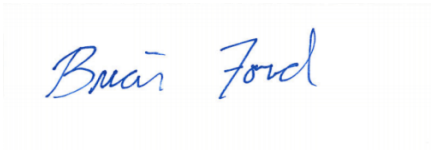
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

32C L1298099-32 Solid

Collected by: Alex Flores | Collected date/time: 12/15/20 12:20 | Received date/time: 12/17/20 13:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Subcontracted Analyses	WG1594278	1	01/05/21 00:00	01/05/21 00:00	-	Subcontract

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

Project Narrative

L1298099 -01, -02, -03, -04, -05, -06, -07, -08, -09, -10, -11, -12, -13, -14, -15, -16, -17, -18, -19, -20, -21, -22, -23, -24, -25, -26, -27, -28, -29, -30, -31, -32 contains subout data that is included after the chain of custody.

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

SDG	Sample Delivery Group.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA

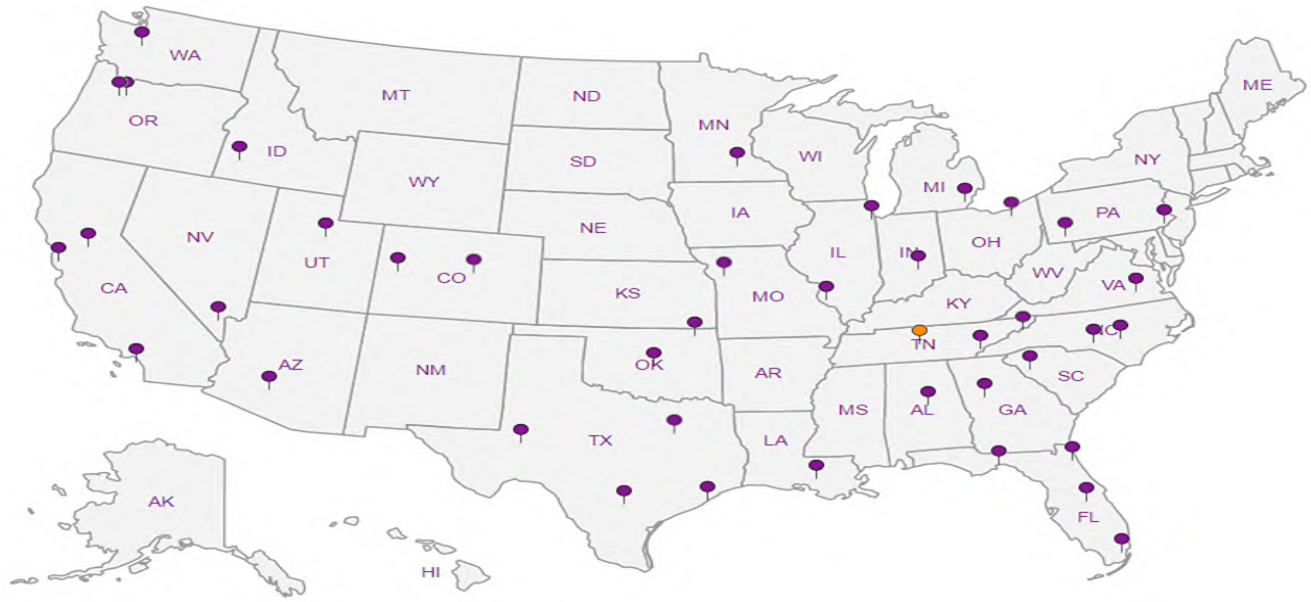
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (P) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
1C		SS		12/14/20	1132	3	✓	✓	✓		✓	✓	✓					-01
1D		SS			1120	2				✓					✓	✓		
2C		SS			1155	3	✓	✓	✓		✓	✓	✓					-02
2D		SS			1145	2				✓					✓	✓		
3C		SS			1350	3	✓	✓	✓		✓	✓	✓					-03
3D		SS			1400	2				✓					✓	✓		
4C		SS			1422	3	✓	✓	✓		✓	✓	✓					-04
4D		SS			1422	2				✓					✓	✓		
5C		SS			1415	3	✓	✓	✓		✓	✓	✓					-05
5D		SS			1425	2				✓					✓	✓		

Chain of Custody Page 1 of 7

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG B192

Table #129099

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SW

Tracking # NL

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	12-16-2020	0900	PACE NAS		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3, 1.4 °C	Bottles Received: 16
PACE NAS	12/16/20	1630	SWA CARGO		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: PT MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Chain of Custody Page 2 of 3

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298099

Table #

Acctnum: ATCMCA
Template: T178844
Prelogin: P815055
PM: 110 - Brian Ford
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
6C		SS		121420	1406	3	✓	✓	✓		✓	✓	✓					-06
6D		SS			1406	2				✓					✓	✓		
AF~~7D~~ 7C		SS			1442	3	✓	✓	✓		✓	✓	✓					-07
7D		SS			1450	2				✓					✓	✓		
8C		SS			1156	3	✓	✓	✓		✓	✓	✓					-08
8D		SS			1156	2				✓					✓	✓		
9C		SS			1451	3	✓	✓	✓		✓	✓	✓					-09
9D		SS			1451	2				✓					✓	✓		
10C		SS			1508	3	✓	✓	✓		✓	✓	✓					-10
10D		SS			1508	2				✓					✓	✓		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SV

Tracking # MA

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeOH TBR
	12-16-2020	0900	PACE NA4	WW 4
Relinquished by : (Signature) PACE NA4	12/16/20	1630	Received by: (Signature) SWA CARGO	Temp: 1.3+1.4 °C Bottles Received: 6
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12-17-2 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: STJ TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
11C		SS		121420	1615	3	✓	✓	✓		✓	✓	✓					-09
11D		SS			1623	2				✓					✓	✓		
12C		SS			1640	3	✓	✓	✓		✓	✓	✓					-10
12D		SS			1649	2				✓					✓	✓		
13C		SS		121520	0800	3	✓	✓	✓		✓	✓	✓					-13
13D		SS			0810	2				✓					✓	✓		
14C		SS			0910	3	✓	✓	✓		✓	✓	✓					-14
14D		SS			0902	2				✓					✓	✓		
15C		SS			0850	3	✓	✓	✓		✓	✓	✓					-15
15D		SS			0843	2				✓					✓	✓		

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298099

Table #

Acctnum: ATCMCA
Template: T178844
Prelogin: P815055
PM: 110 - Brian Ford
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:quote#00085982.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __UPS __FedEx __Courier SV

Tracking # NA

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	12-16-2020	0900	PACE NAT		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
PACE NAT	12/16/20	1630	SWA CARGO	1.3+1.4 16J	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				12-17-20	1300

Hold: Condition: NCF / (OK)

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
16C		SS		121520	0830	3	✓	✓	✓		✓	✓	✓					-16
16D		SS			0822	2				✓					✓	✓		
17C		SS			1005	3	✓	✓	✓		✓	✓	✓					-17
17D		SS			1015	2				✓					✓	✓		
18C		SS			1040	3	✓	✓	✓		✓	✓	✓					-18
18D		SS			1031	2				✓					✓	✓		
19C		SS			1105	3	✓	✓	✓		✓	✓	✓					-19
19D		SS			1058	2				✓					✓	✓		
20C		SS			1212	3	✓	✓	✓		✓	✓	✓					-20
20D		SS			1205	2				✓					✓	✓		

Chain of Custody Page 4 of 7

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298099

Table #

Acctnum: ATCMCA
Template: T178844
Prelogin: P815055
PM: 110 - Brian Ford
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __UPS __FedEx __Courier SW

Tracking # NA

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	12-16-2020	0900	PACE NAT	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
PACE NAT	12/16/20	1630	SWA CARGO	1.3+1=1.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				12-17-2 1300

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

TC - Modesto, CA

117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Report to:
Jeanne Homsey

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Email To:
jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description:
P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project #
ATCMCA-HOMSEY

Collected by (print):
Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed
STJ TAT

Pace Analytical
National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298099
Table #
Acctnum: ATCMCA
Template: T178844
Prelogin: P815055
PM: 110 - Brian Ford
PB:
Shipped Via:

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
21 C		SS		12/15/20	1150	3	✓	✓	✓		✓	✓	✓					-21
21 D		SS			1140	2				✓					✓	✓		
22 C		SS			1128	3	✓	✓	✓		✓	✓	✓					-22
22 D		SS			1120	2				✓					✓	✓		
23 C		SS			1528	3	✓	✓	✓		✓		✓					-23
23 D		SS			1528	2				✓					✓	✓		
24 C		SS			1505	3	✓	✓	✓		✓		✓					-24
24 D		SS			1455	2				✓					✓	✓		
25 C		SS			1525	3	✓	✓	✓		✓		✓					-25
25 D		SS		↓	1517	2				✓					✓	✓		

Matrix:
S - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier FW

Tracking # NA

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	12-16-2020	0900	PACE NAT
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
PACE NAT	12/16/20	1630	SWA CARGO
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.3 1.4 °C Bottles Received: 10

Date: 12-17-2 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
1117 Lone Palm Ave., Ste. B
Modesto, CA 95351

Pres Chk

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

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Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: 5d TAT

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
26 C		SS		12-15-20	1506	3	✓	✓	✓		✓	✓	✓					-26
26 D		SS			1506	2				✓					✓	✓		
27 C		SS			1300	3	✓	✓	✓		✓	✓	✓					-27
27 D		SS			1300	2				✓					✓	✓		
28 C		SS			1240	3	✓	✓	✓		✓	✓	✓					-28
28 D		SS			1240	2				✓					✓	✓		
29 C		SS			0950	3	✓	✓	✓		✓	✓	✓					-29
29 D		SS			0950	2				✓					✓	✓		
30 C		SS			1007	3	✓	✓	✓		✓	✓	✓					-30
30 D		SS			1007	2				✓					✓	✓		

Matrix:
S - Soil AIR - Air F - Filter
W - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier SV

Tracking # NA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	12-16-2020	0900	PACE NAT	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.7 °C Bottles Received: 15
PACE NAT	12/16/20	1630	SWA CARGO	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12-17-20 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1298099

Table #

Acctnum: ATCMCA

Template: T178844

Prelogin: P815055

PM: 110 - Brian Ford

PB:

Shipped Via:

ATC - Modesto, CA

1117 Lone Palm Avenue
Suite B
Modesto, CA 95351

Billing Information:
Accounts Payable
~~1117 Lone Palm Ave., Ste. B~~
Modesto, CA 95351

Report to: Jeanne Homsey

Email To: jeanne.homsey@atcgs.com;jose.flores@atcgs.c

Project Description: P. Watsonville

City/State Collected: Watsonville, CA

Please Circle: (PT) MT CT ET

Phone: 209-579-2221

Client Project #

Lab Project # ATCMCA-HOMSEY

Collected by (print): Alex Flores

Site/Facility ID #

P.O. #

Collected by (signature): Alex Flores

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: std TAT

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*ASBESTOS191 (sub) 4ozClr-NoPres	CAM17 Metals 8ozClr-NoPres	DRO/ORO-CA 8ozClr-NoPres	GRO-CA 40mlAmb/MeOH10ml/Syr	Herbicides 8151 8ozClr-NoPres	OCPs 8081 8ozClr-NoPres	OPPs 8141 8ozClr-NoPres	PCBs 8082 8ozClr-NoPres	SVOCs 8270 8ozClr-NoPres	VOCs 8260 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
31C		SS		12-15-20	1025	3	✓	✓	✓		✓	✓	✓					-31
31D		SS		↓	1025	2				✓					✓	✓		
32C		SS			1220	3	✓	✓	✓		✓	✓	✓					-32
32D		SS			1220	2				✓					✓	✓		
		SS																
		SS																
		SS																
		SS																
		SS																
		SS																

Matrix:
S - Soil AIR - Air F - Filter
W - Groundwater B - Bioassay
/W - WasteWater
W - Drinking Water
T - Other_____

Remarks: quote#00085982.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __UPS __FedEx __Courier SV

Tracking #

Relinquished by : (Signature) — Date: 12-16-2020 — Time: 0900 — Received by: (Signature) PACE NAT

Trip Blank Received: Yes / No HCL / MeoH TBR

Relinquished by : (Signature) PACE NAT — Date: 12/16/20 — Time: 1630 — Received by: (Signature) SWA CARGO

Temp: 1.3, 1.4 °C — Bottles Received: 160

If preservation required by Login: Date/Time

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature)

Date: 12-17-2 — Time: 1300

Hold: — Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Chain of Custody Page 1 of 1

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National Center for Testing & Innovation

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1288099

Table #

Acctnum: ATCMCA
Template: T178844
Prelogin: P815055
PM: 110 - Brian Ford
PB:

Shipped Via:

162025696

Sub-Contract Chain of Custody

Batch Date/Time: 12/18/20 13:02
Sub-Contract Lab: EMSLIIN
Address: 6340 Castleplace Dr.
City/State: Indianapolis, IN 46250
Contact: indianapolislab@emsl.com

WO: WG1594278
Results Due Date: 01/05/21
ESC Purchase Order #: L1298099
Send Reports to: James C Huckaba
Email: MTJL_SuboutTeam@pacelabs.com

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd.
Mt. Juliet, TN 37122
call:(615)773-9756

Sample ID Container ID	Matrix	State	Collect Date	Description	Sample Number Lab Use Only	Sample Comments Lab Use Only
1C 33995067	SS	CA	12/14/20 11:32	Asbestos OSHA ID-191	1. L1298099-01	
2C 33995068	SS	CA	12/14/20 11:55	Asbestos OSHA ID-191	2. L1298099-02	
3C 33995069	SS	CA	12/14/20 13:50	Asbestos OSHA ID-191	3. L1298099-03	
4C 33995070	SS	CA	12/14/20 14:22	Asbestos OSHA ID-191	4. L1298099-04	
5C 33995071	SS	CA	12/14/20 14:15	Asbestos OSHA ID-191	5. L1298099-05	
6C 33995072	SS	CA	12/14/20 14:06	Asbestos OSHA ID-191	6. L1298099-06	
7C 33995073	SS	CA	12/14/20 14:42	Asbestos OSHA ID-191	7. L1298099-07	
8C 33995074	SS	CA	12/14/20 11:56	Asbestos OSHA ID-191	8. L1298099-08	
9C 33995075	SS	CA	12/14/20 14:51	Asbestos OSHA ID-191	9. L1298099-09	
10C 33995076	SS	CA	12/14/20 15:08	Asbestos OSHA ID-191	10. L1298099-10	
11C 33995077	SS	CA	12/14/20 16:15	Asbestos OSHA ID-191	11. L1298099-11	
12C 33995078	SS	CA	12/14/20 16:40	Asbestos OSHA ID-191	12. L1298099-12	
13C 33995079	SS	CA	12/15/20 08:00	Asbestos OSHA ID-191	13. L1298099-13	
14C 33995080	SS	CA	12/15/20 09:10	Asbestos OSHA ID-191	14. L1298099-14	
15C 33995081	SS	CA	12/15/20 08:50	Asbestos OSHA ID-191	15. L1298099-15	
16C 33995082	SS	CA	12/15/20 08:30	Asbestos OSHA ID-191	16. L1298099-16	
17C 33995083	SS	CA	12/15/20 10:05	Asbestos OSHA ID-191	17. L1298099-17	
18C 33995084	SS	CA	12/15/20 10:40	Asbestos OSHA ID-191	18. L1298099-18	
19C 33995085	SS	CA	12/15/20 11:05	Asbestos OSHA ID-191	19. L1298099-19	
20C 33995086	SS	CA	12/15/20 12:12	Asbestos OSHA ID-191	20. L1298099-20	
21C 33995087	SS	CA	12/15/20 11:50	Asbestos OSHA ID-191	21. L1298099-21	
22C 33995088	SS	CA	12/15/20 11:28	Asbestos OSHA ID-191	22. L1298099-22	
23C 33995089	SS	CA	12/15/20 15:28	Asbestos OSHA ID-191	23. L1298099-23	
24C 33995090	SS	CA	12/15/20 15:05	Asbestos OSHA ID-191	24. L1298099-24	
25C 33995091	SS	CA	12/15/20 15:25	Asbestos OSHA ID-191	25. L1298099-25	
26C 33995092	SS	CA	12/15/20 15:06	Asbestos OSHA ID-191	26. L1298099-26	
27C 33995093	SS	CA	12/15/20 13:00	Asbestos OSHA ID-191	27. L1298099-27	
28C 33995094	SS	CA	12/15/20 12:40	Asbestos OSHA ID-191	28. L1298099-28	
29C 33995095	SS	CA	12/15/20 09:50	Asbestos OSHA ID-191	29. L1298099-29	
30C 33995096	SS	CA	12/15/20 10:07	Asbestos OSHA ID-191	30. L1298099-30	
31C 33995097	SS	CA	12/15/20 10:25	Asbestos OSHA ID-191	31. L1298099-31	
32C 33995098	SS	CA	12/15/20 12:20	Asbestos OSHA ID-191	32. L1298099-32	

*= Container used for multiple Samples and/or Analyses

Relinquished by: _____ **Date**

25696

Recieved by: C	Date 12-21-2020
Relinquished by:	Date
Recieved by: BS	Date 12/22/2020 9:55AM Fx

EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

http://www.EMSL.com / indianapolislab@emsl.com

EMSL Order:	162025696
Customer ID:	ENSC22
Customer PO:	L1298099
Project ID:	

Attention:	Sub Out	**Phone:**	(615) 758-5858
	Pace Analytical National	**Fax:**	(615) 758-5859
	12065 Lebanon Road	**Received Date:**	12/22/2020 9:55 AM
	Mt. Juliet, TN 37122	**Analysis Date:**	01/05/2021
		Collected Date:	12/14/2020 - 12/15/2020
Project:	WG1594278		

Test Report: OSHA ID-191 Polarized Light Microscopy of Asbestos in Bulk Materials Issued October 1992, Revised February 1995

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
L1298099-01 *162025696-0001*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-02 *162025696-0002*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-03 *162025696-0003*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-04 *162025696-0004*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-05 *162025696-0005*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-06 *162025696-0006*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-07 *162025696-0007*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-08 *162025696-0008*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-09 *162025696-0009*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-10 *162025696-0010*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-11 *162025696-0011*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-12 *162025696-0012*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-13 *162025696-0013*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-14 *162025696-0014*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-15 *162025696-0015*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-16 *162025696-0016*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 01/05/2021 12:01:37

EMSL Analytical, Inc.
6340 CastlePlace Dr. Indianapolis, IN 46250
Tel/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com / indianapolislab@emsl.com

EMSL Order: 162025696
Customer ID: ENSC22
Customer PO: L1298099
Project ID:

Test Report: OSHA ID-191 Polarized Light Microscopy of Asbestos in Bulk Materials Issued October 1992, Revised February 1995

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
L1298099-17 *162025696-0017*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-18 *162025696-0018*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-19 *162025696-0019*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-20 *162025696-0020*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-21 *162025696-0021*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-22 *162025696-0022*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-23 *162025696-0023*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-24 *162025696-0024*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-25 *162025696-0025*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-26 *162025696-0026*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-27 *162025696-0027*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-28 *162025696-0028*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-29 *162025696-0029*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-30 *162025696-0030*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-31 *162025696-0031*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
L1298099-32 *162025696-0032*	Asbestos OSHA ID-191	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 01/05/2021 12:01:37

EMSL Analytical, Inc.
6340 CastlePlace Dr. Indianapolis, IN 46250
Tel/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com / indianapolislab@emsl.com

EMSL Order:	162025696
Customer ID:	ENSC22
Customer PO:	L1298099
Project ID:	

Analyst(s)
Jadda Moffett (32)

Richard Harding, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 01/05/2021 12:01:37