NorthWest Colorado Consultants, Inc.
Geotechnical / Environmental Engineering • Materials Testing

Condition of Approval Comments

August 12, 2022

Operator: SWN Production Company, LLC
Facility Name: Concord 22-2
API#: 081-07353
Date Sampled: June 1, 2022

The following short narrative is intended to address Form 27 Condition of Approval comments.

NWCC, Inc. (NWCC) collected soil samples at the Concord 22-2 site on June 1, 2022, on behalf of SWN Production Company, LLC (SWN). Samples were collected at the wellhead below cut/cap, below the capped flowline termination, and a back ground location as directed by on-site SWN personnel. These locations are shown on the attached aerial photograph and include global positioning system data.

Test pits were excavated from approximately 4 to 5.5 feet below ground surface (bgs), using a backhoe. Grab samples were collected directly from the backhoe bucket. A surface soil grab sample was collected, using a trowel, from approximately 3 to 6 inches bgs at the back ground location. Collected samples were placed directly in laboratory supplied containers, and placed on ice in a laboratory supplied cooler. Samples were collected based on industry standards and subsequently analyzed in accordance with COGCC Table 915-1.

No visual observation nor olfactory detection of petroleum hydrocarbons during sampling were noted. During abandonment, the Operator did not observe soil impacts (e.g., odor, black or gray staining, salt, wax).

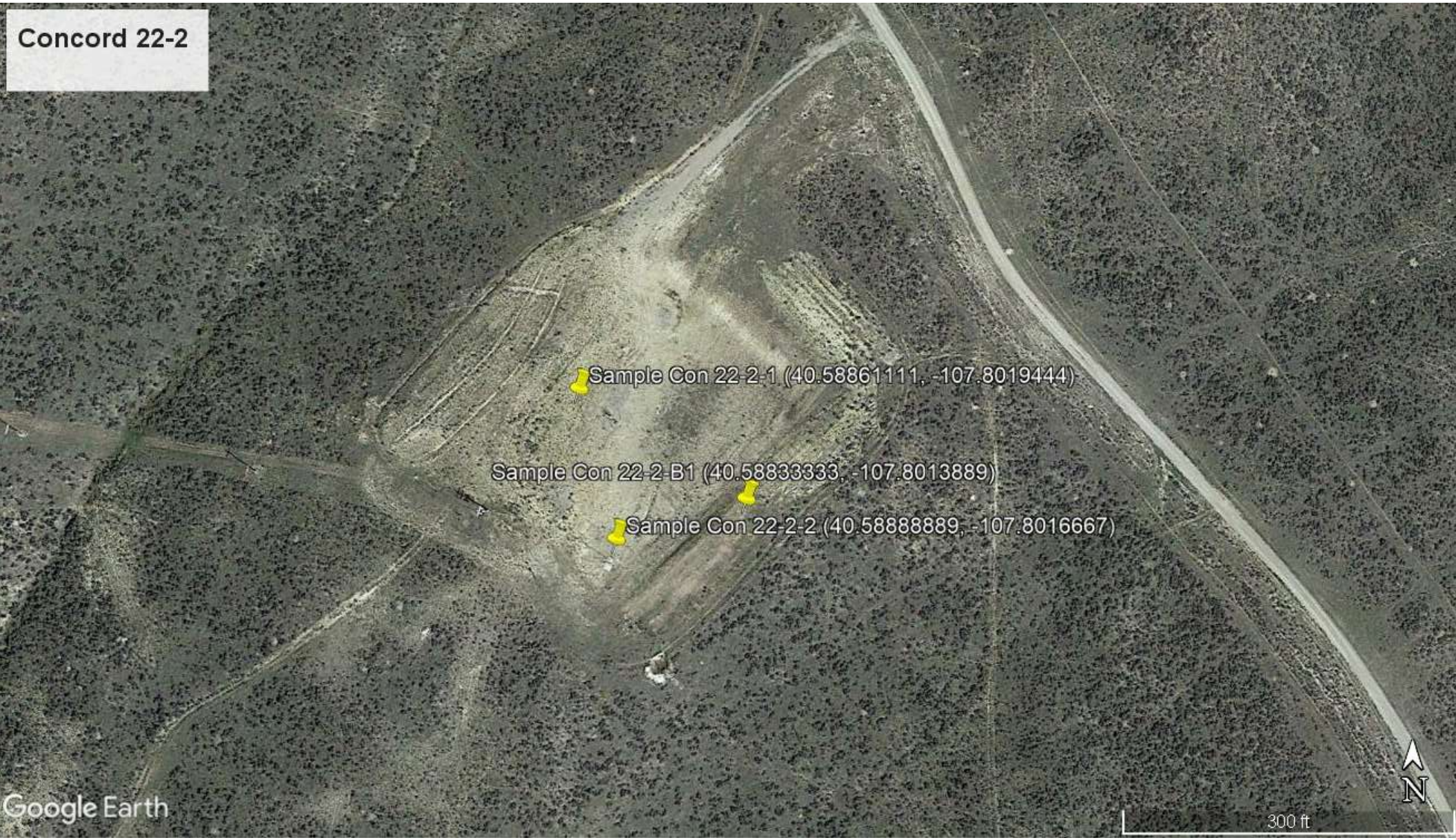
Form 44 that includes data necessary to satisfy "Abandonment in place requirements" was submitted to COGCC.

Final reclamation is currently being conducted in accordance with COGCC Rule 1004.

A spill was not discovered during closure activities.

All displaced fluid was handled as E&P waste.

The impoundment located at the south side of the pad was constructed to manage stormwater in the topsoil stockpile area. Soil sampling in the impoundment was not deemed necessary.


Concord 22-2
Sample Con 22-2-1 (40.58861111, -107.8019444)
Sample Con 22-2-B1 (40.58833333, -107.8013889)
Sample Con 22-2-2 (40.58888889, -107.8016667)
Google Earth
N
300 ft

Operator: SWN Production Company, LLC
Facility Name: Concord 22-2
API #: 081-07353
Media: Soil
Date Sampled: 6/1/22

	Sample Designations		
	Con 22-2-B1	**Con 22-2-1**	**Con 22-2-2**
Sample Location:	Background Sample Northeast of Pit	Adjacent to Wellhead	North of Wellhead, Flow-line Termination
GPS Coordinates:	40.58833333 -107.8013889	40.58861111 -107.8019444	40.58888889 -107.8016667
Sample Depth (BGS):	3-6 inches	4-4.5 feet	5-5.5 feet
Material:	Sandy Clay w/Gravel (Native)	Sandy Clay w/Gravel	Sandy Clay w/Gravel
Color:	Reddish tan	Tan/gray	Tan/gray
Evidence of Petroleum Impacts:	None	None	None

	Cleanup Concentrations: Table 915-1		Analytical Results		
	Residential Soil Screening Level	**Protection of Groundwater Soil Screening Level**	**Con 22-2-B1**	**Con 22-2-1**	**Con 22-2-2**
Organic Compounds	**Concentrations (mg/kg)**	**Concentrations (mg/kg)**	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	1.2	0.0026(M)	na	<0.004	<0.004
Toluene	490	0.69(M)	na	<0.004	<0.004
Ethylbenzene	5.8	0.78(M)	na	<0.004	<0.004
Xylenes, m,p	58	9.9(M)	na	<0.01	<0.01
Xylenes, o	58	9.9(M)	na	<0.004	<0.004
1,2,4-trimethylbenzene	30	0.0081(R)	na	<0.004	<0.004
1,3,5-trimethylbenzene	27	0.0087(R)	na	<0.004	<0.004
Acenaphthene	360	0.55(R)	na	<0.0047	<0.0039
Anthracene	1800	5.8(R)	na	<0.0047	<0.0039
Benz(a)anthracene	1.1	0.011(R)	na	<0.0047	<0.0039
Benzo(b)fluoranthene	1.1	0.3(R)	na	0.0064	<0.0039
Benzo(k)fluoranthene	11	2.9(R)	na	<0.0047	<0.0039
Benzo(a)pyrene	0.11	0.24(M)	na	0.0051(J)	<0.0039
Chrysene	110	9(R)	na	<0.0047	<0.0039
Dibenzo(a,h)anthracene	0.11	0.096(R)	na	<0.0047	<0.0039
Fluoranthene	240	8.9(R)	na	0.0048(J)	<0.0039
Fluorene	240	0.54(R)	na	<0.0042	<0.0035
Indeno(1,2,3-cd)pyrene	1.1	0.98(R)	na	0.0048(J)	<0.0039
1-methylnaphthalene	18	0.006(R)	na	<0.0047	<0.0039
2-methylnaphthalene	24	0.019(R)	na	<0.0047	<0.0039
Naphthalene	2	0.0038(R)	na	<0.0047	<0.0039
Pyrene	180	1.3(R)	na	0.0084	<0.0039
Metals					
Arsenic	0.68	0.29(M)	<4.08	<4.12	<4.08
Barium	15000	82(M)	na	63.6	133
Cadmium	71	0.38(M)	na	<0.824	<0.816
Chromium (VI)	0.3	0.00067(R)	na	<1.18	<1.18
Copper	3100	46(M)	na	5.01(B)	4.51(B)
Lead	400		na	16.7	6.52(B)
Nickel	1500	26(R)	na	4.06(B)	4.46
Selenium	390	0.26(M)	na	<5.15	<5.1
Silver	390	0.8(R)	na	<1.03	<1.02
Zinc	23000	370(R)	na	106	33.2

Contaminant of Concern	**Table 915-1 Standard**	---	**Con 22-2-B1**	**Con 22-2-1**	**Con 22-2-2**
TPH (C_6-C_{10})	500 mg/kg	---	na	<0.05	<0.05
TPH (C_{10}-C_{36})	500 mg/kg	---	na	312	52.9
Soil Suitability for Reclamation		---			
Electrical Conductivity (SP)	<4 mmhos/cm	---	0.0920 (mmhos/cm)	2.22 (mmhos/cm)	2.27 (mmhos/cm)
Sodium Absorption Ratio (SP)	<6	---	<1	0.08	0.08
pH (SP)	6-8.3	---	6.2	7.2	7.3
Boron (Hot water soluble) (mg/l)	2 mg/l	---	0.226	0.15	0.094(B)

Notes:

1) Pit at southeast corner pf pad determined to be stormwater drainage feature. Not sampled per COGCC representative.

(B), (J) = Concentration estimated between the laboratory method detection limit and practical quantitation limit.

<0.2 = Not detected above the noted method detection limit.

BGS: Below ground surface

R = Risk Based

M = Drinking water maximum contaminant level based

mg/kg = Milligram per kilogram

mg/l = Milligram per liter

mmhos/cm = Millimhos per centimeter

na = Not analyzed

Residential soil and protection of groundwater standards taken from Table 915-1.

SP = Saturated paste

TPH = Total petroleum hydrocarbon

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

ACZ Laboratories, Inc.

L73601

SGS Job Number: DA46614

Sampling Date: 06/01/22

Report to:

ACZ Laboratories, Inc.
2773 Downhill Drive
Steamboat Springs, CO 80487
suew@acz.com; maxj@acz.com

ATTN: Max Janicek

Total number of pages in report: 17

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Rebecca Nichols
General Manager

Client Service contact: Larisa DiMarco 303-425-6021

Certifications: CO (CO00049), NE (NE-OS-06-04), ND (R-027), UT (NELAP CO00049)
LA (LA150028), TX (T104704511), WY (8TMS-L), HI (CO00049), NJ (CO011), NV (CO00049)

Sections: 1 2 3 4 5 6

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Sample Summary

ACZ Laboratories, Inc.

Job No: DA46614

L73601

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
DA46614-1	06/01/22	10:29	CP	06/29/22	SO	Soil	CON 22-2-1
DA46614-2	06/01/22	10:40	CP	06/29/22	SO	Soil	CON 22-2-2
DA46614-3	06/01/22	11:23	CP	06/29/22	SO	Soil	WALK 2-11-1
DA46614-4	06/01/22	11:40	CP	06/29/22	SO	Soil	WALK 2-11-2

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	ACZ Laboratories, Inc.	**Job No:**	DA46614
Site:	L73601	**Report Date**	7/8/2022 11:17:07 AM

On 06/29/2022, 4 sample(s), 0 Trip Blank(s), and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 4.8 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA46614 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Semi-volatiles By Method SW846 8270C BY SIM

Matrix: SO **Batch ID:** OP22076

- All samples were analyzed within the recommended method holding time.
- Sample(s) DA46613-4MS, DA46613-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The following samples were extracted outside of holding time for method SW846 8270C BY SIM: DA46614-1, DA46614-2, DA46614-3, DA46614-4 Sample received outside the holding time.
- DA46614-1: Sample received outside the holding time.
- DA46614-2: Sample received outside the holding time.
- DA46614-3: Sample received outside the holding time.
- DA46614-4: Sample received outside the holding time.

General Chemistry By Method SM2540G-2011 M

Matrix: SO **Batch ID:** GN56816

- The data for SM2540G-2011 M meets quality control requirements.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: DA46614
Account: ACZ Laboratories, Inc.
Project: L73601
Collected: 06/01/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA46614-1	**CON 22-2-1**					
Benzo(b)fluoranthene [a]		6.4	6.1	4.7	ug/kg	SW846 8270C BY SIM
Benzo(a)pyrene [a]		5.1 J	6.1	4.7	ug/kg	SW846 8270C BY SIM
Fluoranthene [a]		4.8 J	6.1	4.7	ug/kg	SW846 8270C BY SIM
Indeno(1,2,3-cd)pyrene [a]		4.8 J	6.1	4.7	ug/kg	SW846 8270C BY SIM
Pyrene [a]		8.4	6.1	4.7	ug/kg	SW846 8270C BY SIM
DA46614-2	**CON 22-2-2**					
No hits reported in this sample.						
DA46614-3	**WALK 2-11-1**					
No hits reported in this sample.						
DA46614-4	**WALK 2-11-2**					
No hits reported in this sample.						

(a) Sample received outside the holding time.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	CON 22-2-1		
Lab Sample ID:	DA46614-1	**Date Sampled:**	06/01/22
Matrix:	SO - Soil	**Date Received:**	06/29/22
Method:	SW846 8270C BY SIM SW846 3546	**Percent Solids:**	71.3
Project:	L73601		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3G49783.D	1	07/04/22 08:38	DC	07/01/22 02:30	OP22076	E3G2493
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	6.1	4.7	ug/kg	
208-96-8	Acenaphthylene	ND	6.1	4.2	ug/kg	
120-12-7	Anthracene	ND	6.1	4.7	ug/kg	
56-55-3	Benzo(a)anthracene	ND	6.1	4.7	ug/kg	
205-99-2	Benzo(b)fluoranthene	6.4	6.1	4.7	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	6.1	4.7	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	6.1	4.7	ug/kg	
50-32-8	Benzo(a)pyrene	5.1	6.1	4.7	ug/kg	J
218-01-9	Chrysene	ND	6.1	4.7	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	6.1	4.7	ug/kg	
206-44-0	Fluoranthene	4.8	6.1	4.7	ug/kg	J
86-73-7	Fluorene	ND	6.1	4.2	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	4.8	6.1	4.7	ug/kg	J
90-12-0	1-Methylnaphthalene	ND	6.1	4.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	6.1	4.7	ug/kg	
91-20-3	Naphthalene	ND	6.1	4.7	ug/kg	
85-01-8	Phenanthrene	ND	6.1	4.7	ug/kg	
129-00-0	Pyrene	8.4	6.1	4.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		9-130%
321-60-8	2-Fluorobiphenyl	60%		12-130%
1718-51-0	Terphenyl-d14	66%		28-130%

(a) Sample received outside the holding time.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CON 22-2-2		
Lab Sample ID:	DA46614-2	**Date Sampled:**	06/01/22
Matrix:	SO - Soil	**Date Received:**	06/29/22
Method:	SW846 8270C BY SIM SW846 3546	**Percent Solids:**	86.3
Project:	L73601		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3G49784.D	1	07/04/22 09:04	DC	07/01/22 02:30	OP22076	E3G2493
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.0	3.9	ug/kg	
208-96-8	Acenaphthylene	ND	5.0	3.5	ug/kg	
120-12-7	Anthracene	ND	5.0	3.9	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	3.9	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	5.0	3.9	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	5.0	3.9	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	3.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	5.0	3.9	ug/kg	
218-01-9	Chrysene	ND	5.0	3.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	3.9	ug/kg	
206-44-0	Fluoranthene	ND	5.0	3.9	ug/kg	
86-73-7	Fluorene	ND	5.0	3.5	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	3.9	ug/kg	
90-12-0	1-Methylnaphthalene	ND	5.0	3.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	5.0	3.9	ug/kg	
91-20-3	Naphthalene	ND	5.0	3.9	ug/kg	
85-01-8	Phenanthrene	ND	5.0	3.9	ug/kg	
129-00-0	Pyrene	ND	5.0	3.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		9-130%
321-60-8	2-Fluorobiphenyl	63%		12-130%
1718-51-0	Terphenyl-d14	66%		28-130%

(a) Sample received outside the holding time.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WALK 2-11-1		
Lab Sample ID:	DA46614-3	**Date Sampled:**	06/01/22
Matrix:	SO - Soil	**Date Received:**	06/29/22
Method:	SW846 8270C BY SIM SW846 3546	**Percent Solids:**	83.8
Project:	L73601		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3G49785.D	1	07/04/22 09:30	DC	07/01/22 02:30	OP22076	E3G2493
Run #2							

	Initial Weight	Final Volume
Run #1	29.9 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	5.2	4.0	ug/kg	
208-96-8	Acenaphthylene	ND	5.2	3.6	ug/kg	
120-12-7	Anthracene	ND	5.2	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.2	4.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	5.2	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	5.2	4.0	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	5.2	4.0	ug/kg	
218-01-9	Chrysene	ND	5.2	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	4.0	ug/kg	
206-44-0	Fluoranthene	ND	5.2	4.0	ug/kg	
86-73-7	Fluorene	ND	5.2	3.6	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	5.2	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	5.2	4.0	ug/kg	
91-20-3	Naphthalene	ND	5.2	4.0	ug/kg	
85-01-8	Phenanthrene	ND	5.2	4.0	ug/kg	
129-00-0	Pyrene	ND	5.2	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		9-130%
321-60-8	2-Fluorobiphenyl	50%		12-130%
1718-51-0	Terphenyl-d14	61%		28-130%

(a) Sample received outside the holding time.

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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WALK 2-11-2		
Lab Sample ID:	DA46614-4	**Date Sampled:**	06/01/22
Matrix:	SO - Soil	**Date Received:**	06/29/22
Method:	SW846 8270C BY SIM SW846 3546	**Percent Solids:**	94.8
Project:	L73601		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3G49786.D	1	07/04/22 09:56	DC	07/01/22 02:30	OP22076	E3G2493
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	4.6	3.5	ug/kg	
208-96-8	Acenaphthylene	ND	4.6	3.2	ug/kg	
120-12-7	Anthracene	ND	4.6	3.5	ug/kg	
56-55-3	Benzo(a)anthracene	ND	4.6	3.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.6	3.5	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.6	3.5	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	4.6	3.5	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.6	3.5	ug/kg	
218-01-9	Chrysene	ND	4.6	3.5	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.6	3.5	ug/kg	
206-44-0	Fluoranthene	ND	4.6	3.5	ug/kg	
86-73-7	Fluorene	ND	4.6	3.2	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.6	3.5	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.6	3.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.6	3.5	ug/kg	
91-20-3	Naphthalene	ND	4.6	3.5	ug/kg	
85-01-8	Phenanthrene	ND	4.6	3.5	ug/kg	
129-00-0	Pyrene	ND	4.6	3.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		9-130%
321-60-8	2-Fluorobiphenyl	57%		12-130%
1718-51-0	Terphenyl-d14	63%		28-130%

(a) Sample received outside the holding time.

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E = Indicates value exceeds calibration range
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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

DA46614

ACZ Laboratories, Inc. — CHAIN of CUSTODY

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Report to:
Name: Gary Webber
Company: NWCC, Inc.
E-mail: gwebber@nwccusa.com
Address: 2580 Copper Ridge Drive
Steamboat Springs, CO 80487
Telephone: 970-879-7888

Copy of Report to:
Name: Gary Webber
Company: NWCC, Inc.
E-mail: gwebber@nwccusa.com
Telephone: 970-879-7888

Invoice to:
Name: Karen Maneotis
Company: SWN Production Co., LLC
E-mail: Karen_Maneotis@SWN.com
Address: P.O. Box 12359
Spring, Texas 77389
Telephone: 970-620-6099

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES ☒ NO ☐

If "NO" then ACZ will contact client for further instructions. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for SDWA Compliance Monitoring? Yes ☐ No ☒

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: C. Peters Sampler's Site Information State: CO Zip code: 81626 Time Zone: MT

*Sampler's Signature: [signature] *"I hereby attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample is unethical & constitutes fraud and punishable by State Law.

PROJECT INFORMATION — ANALYSES REQUESTED (attach a list or use quote number)

Quote #: See Analyses Requested
PO#:
Reporting state for compliance testing:
Check box if samples include NRC licensed material? ☐

SAMPLE IDENTIFICATION	DATE/TIME	Matrix	# of Containers	SWN-27-Sites	SWN-27-Sites-Back							
Con 33-2-B2	6/1/22 1032	SO	1	☐	☒	☐	☐	☐	☐	☐	☐	☐
Con 33-2-I	6/1/22 1029	SO	3	☒	☐	☐	☐	☐	☐	☐	☐	☐
Con 33-2-3	6/1/22 1040	SO	3	☒	☐	☐	☐	☐	☐	☐	☐	☐
Walk 2-11-B2	6/1/22 1150	SO	1	☐	☒	☐	☐	☐	☐	☐	☐	☐
Walk 2-11-1	6/1/22 1123	SO	3	☒	☐	☐	☐	☐	☐	☐	☐	☐
Walk 2-11-2	6/1/22 1140	SO	3	☒	☐	☐	☐	☐	☐	☐	☐	☐
				☐	☐	☐	☐	☐	☐	☐	☐	☐
				☐	☐	☐	☐	☐	☐	☐	☐	☐
				☐	☐	☐	☐	☐	☐	☐	☐	☐
				☐	☐	☐	☐	☐	☐	☐	☐	☐

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

On ice at Drop-off
Please expedite tests Samples

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
[signature]	6/1/22 1657	[signature]	6/2/22
[signature]	13:30	[signature]	1059

FRMAD050.06.14.14 White - Return with sample. Yellow - Retain for your records.

13:32

L73601 Chain of Custod

1 2 3 4

5.1 5

DA46614: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: DA46614 **Client:** GARY WEBBER **Project:** L73601

Date / Time Received: 6/29/2022 1:30:00 PM **Delivery Method:** **Airbill #'s:** ups

Cooler Temps (Initial/Adjusted):

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:			
4. No. Coolers:	0		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Comments

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

DA46614: Chain of Custody
Page 2 of 2

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA46614
Account: ACZLCOSS ACZ Laboratories, Inc.
Project: L73601

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22076-MB	3G49756.D	1	07/02/22	DC	07/01/22	OP22076	E3G2492

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

DA46614-1, DA46614-2, DA46614-3, DA46614-4

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	4.3	3.3	ug/kg	
208-96-8	Acenaphthylene	ND	4.3	3.0	ug/kg	
120-12-7	Anthracene	ND	4.3	3.3	ug/kg	
56-55-3	Benzo(a)anthracene	ND	4.3	3.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.3	3.3	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.3	3.3	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	4.3	3.3	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.3	3.3	ug/kg	
218-01-9	Chrysene	ND	4.3	3.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.3	3.3	ug/kg	
206-44-0	Fluoranthene	ND	4.3	3.3	ug/kg	
86-73-7	Fluorene	ND	4.3	3.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.3	3.3	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.3	3.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.3	3.3	ug/kg	
91-20-3	Naphthalene	ND	4.3	3.3	ug/kg	
85-01-8	Phenanthrene	ND	4.3	3.3	ug/kg	
129-00-0	Pyrene	ND	4.3	3.3	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	69%	9-130%
321-60-8	2-Fluorobiphenyl	68%	12-130%
1718-51-0	Terphenyl-d14	76%	28-130%

Blank Spike Summary

Job Number: DA46614
Account: ACZLCOSS ACZ Laboratories, Inc.
Project: L73601

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22076-BS	3G49757.D	1	07/02/22	DC	07/01/22	OP22076	E3G2492

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

DA46614-1, DA46614-2, DA46614-3, DA46614-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	83.3	68.5	82	54-130
208-96-8	Acenaphthylene	83.3	68.1	82	54-130
120-12-7	Anthracene	83.3	82.0	98	70-130
56-55-3	Benzo(a)anthracene	83.3	73.0	88	67-130
205-99-2	Benzo(b)fluoranthene	83.3	72.5	87	59-137
207-08-9	Benzo(k)fluoranthene	83.3	71.7	86	66-130
191-24-2	Benzo(g,h,i)perylene	83.3	64.1	77	58-130
50-32-8	Benzo(a)pyrene	83.3	73.4	88	64-130
218-01-9	Chrysene	83.3	73.0	88	70-130
53-70-3	Dibenzo(a,h)anthracene	83.3	62.0	74	60-130
206-44-0	Fluoranthene	83.3	75.6	91	70-130
86-73-7	Fluorene	83.3	70.6	85	62-130
193-39-5	Indeno(1,2,3-cd)pyrene	83.3	65.2	78	55-130
90-12-0	1-Methylnaphthalene	83.3	71.5	86	51-130
91-57-6	2-Methylnaphthalene	83.3	68.3	82	49-130
91-20-3	Naphthalene	83.3	65.6	79	38-130
85-01-8	Phenanthrene	83.3	70.8	85	38-130
129-00-0	Pyrene	83.3	73.3	88	66-130

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	75%	9-130%
321-60-8	2-Fluorobiphenyl	73%	12-130%
1718-51-0	Terphenyl-d14	73%	28-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA46614
Account: ACZLCOSS ACZ Laboratories, Inc.
Project: L73601

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP22076-MS	3G49758.D	1	07/02/22	DC	07/01/22	OP22076	E3G2492
OP22076-MSD	3G49759.D	1	07/02/22	DC	07/01/22	OP22076	E3G2492
DA46613-4 [a]	3G49760.D	1	07/02/22	DC	07/01/22	OP22076	E3G2492

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

DA46614-1, DA46614-2, DA46614-3, DA46614-4

CAS No.	Compound	DA46613-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		95	69.1	73	95	68.3	72	1	5-182/30
208-96-8	Acenaphthylene	ND		95	71.4	75	95	70.4	74	1	5-147/30
120-12-7	Anthracene	ND		95	76.7	81	95	78.7	83	3	37-130/30
56-55-3	Benzo(a)anthracene	ND		95	57.3	60	95	64.4	68	12	29-130/30
205-99-2	Benzo(b)fluoranthene	ND		95	48.8	51	95	55.0	58	12	12-170/30
207-08-9	Benzo(k)fluoranthene	ND		95	46.3	49	95	53.1	56	14	27-139/30
191-24-2	Benzo(g,h,i)perylene	ND		95	41.8	44	95	48.4	51	15	12-130/30
50-32-8	Benzo(a)pyrene	ND		95	52.9	56	95	60.1	63	13	19-147/30
218-01-9	Chrysene	ND		95	56.1	59	95	61.1	64	9	12-155/30
53-70-3	Dibenzo(a,h)anthracene	ND		95	41.4	44	95	47.6	50	14	12-130/30
206-44-0	Fluoranthene	ND		95	64.9	68	95	70.6	74	8	18-158/30
86-73-7	Fluorene	ND		95	70.8	75	95	70.2	74	1	23-130/30
193-39-5	Indeno(1,2,3-cd)pyrene	ND		95	43.9	46	95	51.1	54	15	5-144/30
90-12-0	1-Methylnaphthalene	ND		95	74.0	78	95	72.4	76	2	6-141/30
91-57-6	2-Methylnaphthalene	ND		95	71.8	76	95	69.7	73	3	5-141/30
91-20-3	Naphthalene	ND		95	69.8	73	95	67.2	71	4	5-137/30
85-01-8	Phenanthrene	ND		95	66.1	70	95	66.8	70	1	34-130/30
129-00-0	Pyrene	ND		95	62.9	66	95	67.0	71	6	28-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA46613-4	Limits
4165-60-0	Nitrobenzene-d5	72%	71%	72%	9-130%
321-60-8	2-Fluorobiphenyl	63%	64%	66%	12-130%
1718-51-0	Terphenyl-d14	59%	60%	66%	28-130%

(a) Analysis performed past the recommended method holding time as per client instructions.

* = Outside of Control Limits.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Revised Analytical Report

July 25, 2022

Report to:
Gary Webber
NWCC, Inc.
2580 Copper Ridge Drive
Steamboat Springs, CO 80487

Bill to:
Jessica Thomas
Baggs Testing and Rental, Inc.
PO Box 271
Baggs, WY 82321

Project ID:
ACZ Project ID: L73601

Gary Webber:

Enclosed are revised analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on June 01, 2022 and originally reported on June 17, 2022. Refer to the case narrative for an explanation of the changes. This project was assigned to ACZ's project number, L73601. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L73601. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after July 17, 2022. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than $10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years.

If you have any questions or other needs, please contact your Project Manager.

Max Janicek has reviewed and approved this report.

Baggs Testing and Rental, Inc.

July 25, 2022

Project ID:
ACZ Project ID: L73601

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 6 miscellaneous samples from Baggs Testing and Rental, Inc. on June 1, 2022. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L73601. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

Holding Times

All analyses were performed within EPA recommended holding times.

Sample Analysis

These samples were analyzed for inorganic, organic parameters. The individual methods are referenced on both the ACZ invoice and the analytical reports. The extended qualifier reports may contain footnotes qualifying specific elements due to QC failures. In addition, the following has been noted with this specific project:

This project was revised on 07/25/22 to correct the reporting name and address. No other changes were made.

The below is from WG543975
Qualifier: N1
Applies to:
L73601-06/TVH C6 TO C10

Instrument malfunction caused run to pause; closing calibration verification (CCV) ran outside of 12 hour window from last calibration verification sample. Samples are bracketed with a passing spiked sample and calibration verifications (CCV's).

The below is from WG544079
Qualifier: R1
Applies to:
L73601-02/2-METHYLNAPHTHALENE
L73601-02/ACENAPHTHENE
L73601-02/ACENAPHTHYLENE
L73601-02/ANTHRACENE
L73601-02/BENZO(A)ANTHRACENE
L73601-02/BENZO(A)PYRENE
L73601-02/BENZO(B)FLUORANTHENE
L73601-02/BENZO(G,H,I)PERYLENE
L73601-02/BENZO(K)FLUORANTHENE
L73601-02/CHRYSENE
L73601-02/DIBENZO(A,H)ANTHRACENE
L73601-02/FLUORANTHENE
L73601-02/FLUORENE
L73601-02/INDENO(1,2,3-CD)PYRENE
L73601-02/NAPHTHALENE
L73601-02/PHENANTHRENE
L73601-02/PYRENE
L73601-03/2-METHYLNAPHTHALENE
L73601-03/ACENAPHTHENE
L73601-03/ACENAPHTHYLENE
L73601-03/ANTHRACENE
L73601-03/BENZO(A)ANTHRACENE
L73601-03/BENZO(A)PYRENE
L73601-03/BENZO(B)FLUORANTHENE
L73601-03/BENZO(G,H,I)PERYLENE
L73601-03/BENZO(K)FLUORANTHENE

L73601-03/CHRYSENE
L73601-03/DIBENZO(A,H)ANTHRACENE
L73601-03/FLUORANTHENE
L73601-03/FLUORENE
L73601-03/INDENO(1,2,3-CD)PYRENE
L73601-03/NAPHTHALENE
L73601-03/PHENANTHRENE
L73601-03/PYRENE
L73601-05/2-METHYLNAPHTHALENE
L73601-05/ACENAPHTHENE
L73601-05/ACENAPHTHYLENE
L73601-05/ANTHRACENE
L73601-05/BENZO(A)ANTHRACENE
L73601-05/BENZO(A)PYRENE
L73601-05/BENZO(B)FLUORANTHENE
L73601-05/BENZO(G,H,I)PERYLENE
L73601-05/BENZO(K)FLUORANTHENE
L73601-05/CHRYSENE
L73601-05/DIBENZO(A,H)ANTHRACENE
L73601-05/FLUORANTHENE
L73601-05/FLUORENE
L73601-05/INDENO(1,2,3-CD)PYRENE
L73601-05/NAPHTHALENE
L73601-05/PHENANTHRENE
L73601-05/PYRENE
L73601-06/2-METHYLNAPHTHALENE
L73601-06/ACENAPHTHENE
L73601-06/ACENAPHTHYLENE
L73601-06/ANTHRACENE
L73601-06/BENZO(A)ANTHRACENE
L73601-06/BENZO(A)PYRENE
L73601-06/BENZO(B)FLUORANTHENE
L73601-06/BENZO(G,H,I)PERYLENE
L73601-06/BENZO(K)FLUORANTHENE
L73601-06/CHRYSENE
L73601-06/DIBENZO(A,H)ANTHRACENE
L73601-06/FLUORANTHENE
L73601-06/FLUORENE
L73601-06/INDENO(1,2,3-CD)PYRENE
L73601-06/NAPHTHALENE
L73601-06/PHENANTHRENE
L73601-06/PYRENE

Matrix spike (MS) and matrix spike duplicate (MSD) recovery within acceptance limits but the RPD exceeded the method or laboratory acceptance limit. Acceptable LCSS/LCSSD RPD demonstrates precision.

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-B1

ACZ Sample ID: ***L73601-01***
Date Sampled: *06/01/22 10:22*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Arsenic, total (3050)	M6010D ICP	102	<4.08	U		mg/Kg	4.08	20.4	06/11/22 3:58	keh1
Boron, soluble (Hot Water - COGCC 915-1)	Calculation	2	0.226			mg/L	0.06	0.2	07/22/22 0:00	calc
Boron, soluble (Hot Water)	M6010D ICP	2	0.453		*	mg/Kg	0.06	0.2	06/14/22 16:30	keh1
Calcium, soluble (Sat. Paste)	M6010D ICP	10	0.769			meq/L	0.0499	0.25	06/14/22 15:11	keh1
Magnesium, soluble (Sat. Paste)	M6010D ICP	10	0.30	B	*	meq/L	0.17	0.82	06/14/22 15:11	keh1
Sodium Adsorption Ratio	Calculation		<1						07/22/22 0:00	calc
Sodium, soluble (Sat. Paste)	M6010D ICP	10	<0.09	U	*	meq/L	0.09	0.44	06/14/22 15:11	keh1

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Conductivity @25C	SM2510B									
Conductivity		1	0.0920		*	mmhos/cm	0.001	0.01	06/10/22 0:00	scm
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
Temperature		1	22.5		*	C	0.1	0.1	06/10/22 0:00	scm
pH, Saturated Paste	EPA 600/2-78-054 section 3.2.2									
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
pH		1	6.2		*	units	0.1	0.1	06/10/22 0:00	scm
Solids, Percent	D2216-80	1	87.9		*	%	0.1	0.5	06/06/22 17:28	mgg

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees	USDA No. 1, 1972								06/03/22 12:03	scm
Digestion - Hot Plate	M3050B ICP								06/08/22 9:40	mep
Hot Water Extraction	ASA No. 9 M25-9 (Modified)								06/13/22 9:01	jpb/cra
Saturated Paste Extraction	USDA No. 60 (2)								06/09/22 10:04	scm
Sieve-2000 um (2.0mm)	ASA No.9, 15-4.2.2								06/06/22 14:44	mep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-1

ACZ Sample ID: ***L73601-02***
Date Sampled: *06/01/22 10:29*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Arsenic, total (3050)	M6010D ICP	103	<4.12	U		mg/Kg	4.12	20.6	06/11/22 4:09	keh1
Barium, total (3050)	M6010D ICP	103	63.6		*	mg/Kg	0.721	3.61	06/11/22 4:09	keh1
Boron, soluble (Hot Water - COGCC 915-1)	Calculation	2	0.15			mg/L	0.06	0.2	07/22/22 0:00	calc
Boron, soluble (Hot Water)	M6010D ICP	2	0.299		*	mg/Kg	0.06	0.2	06/14/22 16:34	keh1
Cadmium, total (3050)	M6010D ICP	103	<0.824	U		mg/Kg	0.824	2.58	06/11/22 4:09	keh1
Calcium, soluble (Sat. Paste)	M6010D ICP	2	27.7			meq/L	0.01	0.0499	06/14/22 15:15	keh1
Copper, total (3050)	M6010D ICP	103	5.01	B		mg/Kg	1.03	5.15	06/11/22 4:09	keh1
Lead, total (3050)	M6010D ICP	103	16.7			mg/Kg	3.09	15.5	06/11/22 4:09	keh1
Magnesium, soluble (Sat. Paste)	M6010D ICP	2	3.44			meq/L	0.03	0.17	06/14/22 15:15	keh1
Nickel, total (3050)	M6010D ICP	103	4.06	B		mg/Kg	0.824	4.12	06/11/22 4:09	keh1
Selenium, total (3050)	M6010D ICP	103	<5.15	U		mg/Kg	5.15	25.8	06/11/22 4:09	keh1
Silver, total (3050)	M6010D ICP	103	<1.03	U		mg/Kg	1.03	2.58	06/11/22 4:09	keh1
Sodium Adsorption Ratio	Calculation		0.08						07/22/22 0:00	calc
Sodium, soluble (Sat. Paste)	M6010D ICP	2	0.30			meq/L	0.02	0.09	06/14/22 15:15	keh1
Zinc, total (3050)	M6010D ICP	103	106			mg/Kg	2.06	5.15	06/11/22 4:09	keh1

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Conductivity @25C	SM2510B									
Conductivity		1	2.22		*	mmhos/cm	0.001	0.01	06/10/22 0:00	scm
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
Temperature		1	22.2		*	C	0.1	0.1	06/10/22 0:00	scm
pH, Saturated Paste	EPA 600/2-78-054 section 3.2.2									
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
pH		1	7.2		*	units	0.1	0.1	06/10/22 0:00	scm
Solids, Percent	D2216-80	1	84.7		*	%	0.1	0.5	06/06/22 20:24	mgg

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees	USDA No. 1, 1972								06/03/22 12:08	scm
Digestion - Alkaline	M3060A								06/13/22 8:00	mep
Digestion - Hot Plate	M3050B ICP								06/08/22 10:48	mep
Hot Water Extraction	ASA No. 9 M25-9 (Modified)								06/13/22 9:22	jpb/cra
Saturated Paste Extraction	USDA No. 60 (2)								06/09/22 10:08	scm
Sieve-2000 um (2.0mm)	ASA No.9, 15-4.2.2								06/06/22 14:47	mep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-1

ACZ Sample ID: ***L73601-02***
Date Sampled: *06/01/22 10:29*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Chromium, Hexavalent (3060)	M7196A	235	<1.18	U	*	mg/Kg	1.18	4.7	06/14/22 17:57	eep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-2

ACZ Sample ID: ***L73601-03***
Date Sampled: *06/01/22 10:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Arsenic, total (3050)	M6010D ICP	102	<4.08	U		mg/Kg	4.08	20.4	06/11/22 4:13	keh1
Barium, total (3050)	M6010D ICP	102	133		*	mg/Kg	0.714	3.57	06/11/22 4:13	keh1
Boron, soluble (Hot Water - COGCC 915-1)	Calculation	2	0.094	B		mg/L	0.06	0.2	07/22/22 0:00	calc
Boron, soluble (Hot Water)	M6010D ICP	2	0.189	B	*	mg/Kg	0.06	0.2	06/14/22 16:38	keh1
Cadmium, total (3050)	M6010D ICP	102	<0.816	U		mg/Kg	0.816	2.55	06/11/22 4:13	keh1
Calcium, soluble (Sat. Paste)	M6010D ICP	2	25.5			meq/L	0.01	0.0499	06/14/22 15:19	keh1
Copper, total (3050)	M6010D ICP	102	4.51	B		mg/Kg	1.02	5.1	06/11/22 4:13	keh1
Lead, total (3050)	M6010D ICP	102	6.52	B		mg/Kg	3.06	15.3	06/11/22 4:13	keh1
Magnesium, soluble (Sat. Paste)	M6010D ICP	2	6.63			meq/L	0.03	0.17	06/14/22 15:19	keh1
Nickel, total (3050)	M6010D ICP	102	4.46			mg/Kg	0.816	4.08	06/11/22 4:13	keh1
Selenium, total (3050)	M6010D ICP	102	<5.1	U		mg/Kg	5.1	25.5	06/11/22 4:13	keh1
Silver, total (3050)	M6010D ICP	102	<1.02	U		mg/Kg	1.02	2.55	06/11/22 4:13	keh1
Sodium Adsorption Ratio	Calculation		0.08						07/22/22 0:00	calc
Sodium, soluble (Sat. Paste)	M6010D ICP	2	0.32			meq/L	0.02	0.09	06/14/22 15:19	keh1
Zinc, total (3050)	M6010D ICP	102	33.2			mg/Kg	2.04	5.1	06/11/22 4:13	keh1

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Conductivity @25C	SM2510B									
Conductivity		1	2.27		*	mmhos/cm	0.001	0.01	06/10/22 0:00	scm
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
Temperature		1	22.3		*	C	0.1	0.1	06/10/22 0:00	scm
pH, Saturated Paste	EPA 600/2-78-054 section 3.2.2									
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
pH		1	7.3		*	units	0.1	0.1	06/10/22 0:00	scm
Solids, Percent	D2216-80	1	84.2		*	%	0.1	0.5	06/06/22 21:52	mgg

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees	USDA No. 1, 1972								06/03/22 12:14	scm
Digestion - Alkaline	M3060A								06/13/22 12:00	mep
Digestion - Hot Plate	M3050B ICP								06/08/22 11:11	mep
Hot Water Extraction	ASA No. 9 M25-9 (Modified)								06/13/22 9:44	jpb/cra
Saturated Paste Extraction	USDA No. 60 (2)								06/09/22 10:12	scm
Sieve-2000 um (2.0mm)	ASA No.9, 15-4.2.2								06/06/22 14:50	mep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-2

ACZ Sample ID: ***L73601-03***
Date Sampled: *06/01/22 10:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Chromium, Hexavalent (3060)	M7196A	235	<1.18	U	*	mg/Kg	1.18	4.7	06/14/22 18:08	eep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-B1

ACZ Sample ID: ***L73601-04***
Date Sampled: *06/01/22 11:50*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Arsenic, total (3050)	M6010D ICP	103	5.19	B		mg/Kg	4.12	20.6	06/11/22 4:16	keh1
Boron, soluble (Hot Water - COGCC 915-1)	Calculation	2	0.167			mg/L	0.06	0.2	07/22/22 0:00	calc
Boron, soluble (Hot Water)	M6010D ICP	2	0.334		*	mg/Kg	0.06	0.2	06/14/22 16:46	keh1
Calcium, soluble (Sat. Paste)	M6010D ICP	2	1.57			meq/L	0.01	0.0499	06/14/22 15:23	keh1
Magnesium, soluble (Sat. Paste)	M6010D ICP	2	0.34			meq/L	0.03	0.17	06/14/22 15:23	keh1
Sodium Adsorption Ratio	Calculation		0.20						07/22/22 0:00	calc
Sodium, soluble (Sat. Paste)	M6010D ICP	2	0.20			meq/L	0.02	0.09	06/14/22 15:23	keh1

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Conductivity @25C	SM2510B									
Conductivity		1	0.207		*	mmhos/cm	0.001	0.01	06/10/22 0:00	scm
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
Temperature		1	22.1		*	C	0.1	0.1	06/10/22 0:00	scm
pH, Saturated Paste	EPA 600/2-78-054 section 3.2.2									
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
pH		1	7.7		*	units	0.1	0.1	06/10/22 0:00	scm
Solids, Percent	D2216-80	1	85.4		*	%	0.1	0.5	06/06/22 23:20	mgg

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees	USDA No. 1, 1972								06/03/22 12:19	scm
Digestion - Hot Plate	M3050B ICP								06/08/22 11:33	mep
Hot Water Extraction	ASA No. 9 M25-9 (Modified)								06/13/22 10:26	jpb/cra
Saturated Paste Extraction	USDA No. 60 (2)								06/09/22 10:16	scm
Sieve-2000 um (2.0mm)	ASA No.9, 15-4.2.2								06/06/22 14:53	mep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-1

ACZ Sample ID: ***L73601-05***
Date Sampled: *06/01/22 11:23*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Arsenic, total (3050)	M6010D ICP	102	<4.08	U		mg/Kg	4.08	20.4	06/11/22 4:20	keh1
Barium, total (3050)	M6010D ICP	102	170		*	mg/Kg	0.714	3.57	06/11/22 4:20	keh1
Boron, soluble (Hot Water - COGCC 915-1)	Calculation	2	0.202			mg/L	0.06	0.2	07/22/22 0:00	calc
Boron, soluble (Hot Water)	M6010D ICP	2	0.405		*	mg/Kg	0.06	0.2	06/14/22 16:50	keh1
Cadmium, total (3050)	M6010D ICP	102	<0.816	U		mg/Kg	0.816	2.55	06/11/22 4:20	keh1
Calcium, soluble (Sat. Paste)	M6010D ICP	1	1.53			meq/L	0.005	0.025	06/14/22 15:26	keh1
Copper, total (3050)	M6010D ICP	102	9.23			mg/Kg	1.02	5.1	06/11/22 4:20	keh1
Lead, total (3050)	M6010D ICP	102	12.3	B		mg/Kg	3.06	15.3	06/11/22 4:20	keh1
Magnesium, soluble (Sat. Paste)	M6010D ICP	1	0.41			meq/L	0.02	0.08	06/14/22 15:26	keh1
Nickel, total (3050)	M6010D ICP	102	8.37			mg/Kg	0.816	4.08	06/11/22 4:20	keh1
Selenium, total (3050)	M6010D ICP	102	<5.1	U		mg/Kg	5.1	25.5	06/11/22 4:20	keh1
Silver, total (3050)	M6010D ICP	102	<1.02	U		mg/Kg	1.02	2.55	06/11/22 4:20	keh1
Sodium Adsorption Ratio	Calculation		0.51						07/22/22 0:00	calc
Sodium, soluble (Sat. Paste)	M6010D ICP	1	0.50			meq/L	0.01	0.04	06/14/22 15:26	keh1
Zinc, total (3050)	M6010D ICP	102	51.3			mg/Kg	2.04	5.1	06/11/22 4:20	keh1

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Conductivity @25C	SM2510B									
Conductivity		1	0.252		*	mmhos/cm	0.001	0.01	06/10/22 0:00	scm
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
Temperature		1	22.1		*	C	0.1	0.1	06/10/22 0:00	scm
pH, Saturated Paste	EPA 600/2-78-054 section 3.2.2									
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
pH		1	7.7		*	units	0.1	0.1	06/10/22 0:00	scm
Solids, Percent	D2216-80	1	85.2		*	%	0.1	0.5	06/07/22 0:48	mgg

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees	USDA No. 1, 1972								06/03/22 12:24	scm
Digestion - Alkaline	M3060A								06/13/22 18:00	mep
Digestion - Hot Plate	M3050B ICP								06/08/22 11:56	mep
Hot Water Extraction	ASA No. 9 M25-9 (Modified)								06/13/22 10:48	jpb/cra
Saturated Paste Extraction	USDA No. 60 (2)								06/09/22 10:20	scm
Sieve-2000 um (2.0mm)	ASA No.9, 15-4.2.2								06/06/22 14:56	mep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-1

ACZ Sample ID: ***L73601-05***
Date Sampled: *06/01/22 11:23*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Chromium, Hexavalent (3060)	M7196A	235	<1.18	U	*	mg/Kg	1.18	4.7	06/14/22 18:19	eep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-2

ACZ Sample ID: ***L73601-06***
Date Sampled: *06/01/22 11:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Arsenic, total (3050)	M6010D ICP	101	<4.04	U		mg/Kg	4.04	20.2	06/11/22 4:31	keh1
Barium, total (3050)	M6010D ICP	101	145		*	mg/Kg	0.707	3.54	06/11/22 4:31	keh1
Boron, soluble (Hot Water - COGCC 915-1)	Calculation	2	0.074	B		mg/L	0.06	0.2	07/22/22 0:00	calc
Boron, soluble (Hot Water)	M6010D ICP	2	0.149	B	*	mg/Kg	0.06	0.2	06/14/22 16:54	keh1
Cadmium, total (3050)	M6010D ICP	101	<0.808	U		mg/Kg	0.808	2.53	06/11/22 4:31	keh1
Calcium, soluble (Sat. Paste)	M6010D ICP	1	3.16			meq/L	0.005	0.025	06/14/22 15:30	keh1
Copper, total (3050)	M6010D ICP	101	2.41	B		mg/Kg	1.01	5.05	06/11/22 4:31	keh1
Lead, total (3050)	M6010D ICP	101	4.50	B		mg/Kg	3.03	15.2	06/11/22 4:31	keh1
Magnesium, soluble (Sat. Paste)	M6010D ICP	1	1.46			meq/L	0.02	0.08	06/14/22 15:30	keh1
Nickel, total (3050)	M6010D ICP	101	2.19	B		mg/Kg	0.808	4.04	06/11/22 4:31	keh1
Selenium, total (3050)	M6010D ICP	101	<5.05	U		mg/Kg	5.05	25.3	06/11/22 4:31	keh1
Silver, total (3050)	M6010D ICP	101	<1.01	U		mg/Kg	1.01	2.53	06/11/22 4:31	keh1
Sodium Adsorption Ratio	Calculation		0.87						07/22/22 0:00	calc
Sodium, soluble (Sat. Paste)	M6010D ICP	1	1.32			meq/L	0.01	0.04	06/14/22 15:30	keh1
Zinc, total (3050)	M6010D ICP	101	14.7			mg/Kg	2.02	5.05	06/11/22 4:31	keh1

Soil Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Conductivity @25C	SM2510B									
Conductivity		1	0.634		*	mmhos/cm	0.001	0.01	06/10/22 0:00	scm
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
Temperature		1	21.8		*	C	0.1	0.1	06/10/22 0:00	scm
pH, Saturated Paste	EPA 600/2-78-054 section 3.2.2									
Max Particle Size		1	2000		*	um			06/10/22 0:00	scm
pH		1	7.8		*	units	0.1	0.1	06/10/22 0:00	scm
Solids, Percent	D2216-80	1	94.5		*	%	0.1	0.5	06/07/22 2:16	mgg

Soil Preparation

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees	USDA No. 1, 1972								06/03/22 12:30	scm
Digestion - Alkaline	M3060A								06/13/22 20:00	mep
Digestion - Hot Plate	M3050B ICP								06/08/22 12:19	mep
Hot Water Extraction	ASA No. 9 M25-9 (Modified)								06/13/22 11:09	jpb/cra
Saturated Paste Extraction	USDA No. 60 (2)								06/09/22 10:24	scm
Sieve-2000 um (2.0mm)	ASA No.9, 15-4.2.2								06/06/22 14:59	mep

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-2

ACZ Sample ID: ***L73601-06***
Date Sampled: *06/01/22 11:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Chromium, Hexavalent (3060)	M7196A	210	<1.05	U	*	mg/Kg	1.05	4.2	06/14/22 18:23	eep

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4) EPA SW-846. Test Methods for Evaluating Solid Waste.
(5) Standard Methods for the Examination of Water and Wastewater.

Comments

(1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

BTANDR

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Arsenic, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	4		4.003	mg/L	100	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.12	0.12			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-12	12			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	99.1		96.65	mg/Kg		81.9	116			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	99.1		98.28	mg/Kg		81.9	116	2	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	102.1836	U	102.918	mg/Kg	101	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	102.1836	U	102.612	mg/Kg	100	75	125	0	20	

Barium, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	2		1.988	mg/L	99	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.021	0.021			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-2.1	2.1			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	341		337.3	mg/Kg		280	401			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	341		348.8	mg/Kg		280	401	3	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	51	99.6	161.364	mg/Kg	121	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	51	99.6	175.338	mg/Kg	149	75	125	8	20	MA

Boron, soluble (Hot Water) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544299													
WG544299ICV	ICV	06/14/22 15:59	II220609-1	2		2.045	mg/L	102	90	110			
WG544299ICB	ICB	06/14/22 16:03				U	mg/L		-0.09	0.09			
WG544180PBS	PBS	06/14/22 16:26				U	mg/Kg		-0.18	0.18			
L73601-03DUP	DUP	06/14/22 16:42			.189	.18	mg/Kg				5	20	RA
L73647-06AS	AS	06/14/22 17:28	II220602-7	5.005	.301	5.667	mg/Kg	107	75	125			
L73647-06ASD	ASD	06/14/22 17:31	II220602-7	5.005	.301	5.533	mg/Kg	105	75	125	2	20	

Cadmium, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	2		1.946	mg/L	97	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.024	0.024			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-2.4	2.4			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	44		42.67	mg/Kg		36.4	51.6			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	44		43.64	mg/Kg		36.4	51.6	2	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	51.153	U	47.8176	mg/Kg	93	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	51.153	U	48.1236	mg/Kg	94	75	125	1	20	

Calcium, soluble (Sat. Paste) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544300													
WG544300ICV	ICV	06/14/22 14:43	II220609-1	100		99.3	mg/L	99	90	110			
WG544300ICB	ICB	06/14/22 14:46				U	mg/L		-0.3	0.3			
L73647-03DUP	DUP	06/14/22 15:46			0.84	.8199	meq/L				2	20	

BTANDR

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Chromium, Hexavalent (3060) M7196A

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544340													
WG544340ICV	ICV	06/14/22 17:50	WC220415-6	.05		.0489	mg/L	98	90	110			
WG544340ICB	ICB	06/14/22 17:53				U	mg/L		-0.005	0.005			
L73601-02DUP	DUP	06/14/22 18:04			U	U	mg/Kg				0	20	RA
L73601-03MS1	MS	06/14/22 18:12	SI220531-3	47.019035	U	45.0542	mg/Kg	96	75	125			
L73601-03MS2	MS	06/14/22 18:15	SI210609-5	1482.380235	U	1637.574	mg/Kg	110	75	125			
WG544181LCSS	LCSS	06/14/22 19:04	PCN64259	131		130.272	mg/Kg		80.3	181			
WG544181PBS	PBS	06/14/22 19:07				U	mg/Kg		-1	1			

Conductivity @25C SM2510B

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG543983													
L73647-03DUP	DUP	06/10/22 11:40			.171	.1915	mmhos/cm				11	20	

Copper, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	2		1.976	mg/L	99	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.03	0.03			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-3	3			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	169		168.4	mg/Kg		142	197			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	169		169.5	mg/Kg		142	197	1	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	51	6.69	55.111	mg/Kg	95	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	51	6.69	55.57	mg/Kg	96	75	125	1	20	

Lead, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	4		3.955	mg/L	99	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.09	0.09			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-9	9			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	99.1		101.9	mg/Kg		82.1	116			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	99.1		103.8	mg/Kg		82.1	116	2	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	102.1428	9.24	109.038	mg/Kg	98	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	102.1428	9.24	108.12	mg/Kg	97	75	125	1	20	

Magnesium, soluble (Sat. Paste) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544300													
WG544300ICV	ICV	06/14/22 14:43	II220609-1	100		95.43	mg/L	95	90	110			
WG544300ICB	ICB	06/14/22 14:46				U	mg/L		-0.6	0.6			
L73647-03DUP	DUP	06/14/22 15:46			0.16	.15	meq/L				10	20	

BTANDR

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Nickel, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	2		1.949	mg/L	97	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.024	0.024			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-2.4	2.4			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	47.3		47.26	mg/Kg		39	55.7			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	47.3		48.58	mg/Kg		39	55.7	3	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	51.051	4.86	54.468	mg/Kg	97	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	51.051	4.86	54.7128	mg/Kg	98	75	125	0	20	

pH, Saturated Paste EPA 600/2-78-054 section 3.2.2

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG543983													
WG543983ICV	ICV	06/10/22 9:34	PCN63115	4.01		4	units	100	3.9	4.1			
L73647-03DUP	DUP	06/10/22 11:40			7.9	7.95	units				1	20	

Selenium, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	4		4.065	mg/L	102	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.15	0.15			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-15	15			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	94.1		96.27	mg/Kg		74.3	114			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	94.1		101.6	mg/Kg		74.3	114	5	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	102.102	U	100.694	mg/Kg	99	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	102.102	U	101.623	mg/Kg	100	75	125	1	20	

Silver, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	1		.994	mg/L	99	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.03	0.03			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-3	3			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	28		27.04	mg/Kg		22.3	33.7			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	28		27.02	mg/Kg		22.3	33.7	0	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	51.102	U	48.185	mg/Kg	94	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	51.102	U	48.644	mg/Kg	95	75	125	1	20	

Sodium, soluble (Sat. Paste) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544300													
WG544300ICV	ICV	06/14/22 14:43	II220609-1	100		98.98	mg/L	99	90	110			
WG544300ICB	ICB	06/14/22 14:46				U	mg/L		-0.6	0.6			
L73647-03DUP	DUP	06/14/22 15:46			0.79	.91	meq/L				15	20	

BTANDR

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Solids, Percent D2216-80

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG543699													
WG543699PBS	PBS	06/06/22 16:00				U	%		-0.1	0.1			
L73601-01DUP	DUP	06/06/22 18:56			87.9	87.7	%				0	20	

Zinc, total (3050) M6010D ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG544111													
WG544111ICV	ICV	06/11/22 3:20	II220602-2	2		1.967	mg/L	98	90	110			
WG544111ICB	ICB	06/11/22 3:23				U	mg/L		-0.06	0.06			
WG543819PBS	PBS	06/11/22 3:47				U	mg/Kg		-6	6			
WG543819LCSS	LCSS	06/11/22 3:51	PCN65481	402		408.9	mg/Kg		323	480			
WG543819LCSSD	LCSSD	06/11/22 3:54	PCN65481	402		410.1	mg/Kg		323	480	0	20	
L73601-01MS	MS	06/11/22 4:01	II220602-7	51.0459	29.8	80.876	mg/Kg	101	75	125			
L73601-01MSD	MSD	06/11/22 4:05	II220602-7	51.0459	29.8	83.518	mg/Kg	106	75	125	3	20	

Baggs Testing and Rental, Inc.

ACZ Project ID: ***L73601***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L73601-01	WG544299	Boron, soluble (Hot Water)	M6010D ICP	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG544300	Magnesium, soluble (Sat. Paste)	M6010D ICP	DJ	Sample dilution required due to insufficient sample.
		Sodium, soluble (Sat. Paste)	M6010D ICP	DJ	Sample dilution required due to insufficient sample.
L73601-02	WG544111	Barium, total (3050)	M6010D ICP	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG544299	Boron, soluble (Hot Water)	M6010D ICP	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG544340	Chromium, Hexavalent (3060)	M7196A	DA	Sample required dilution due to reactivity.
			M7196A	Q6	Sample was received above recommended temperature.
			M7196A	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
L73601-03	WG544111	Barium, total (3050)	M6010D ICP	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG544299	Boron, soluble (Hot Water)	M6010D ICP	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG544340	Chromium, Hexavalent (3060)	M7196A	DA	Sample required dilution due to reactivity.
			M7196A	Q6	Sample was received above recommended temperature.
			M7196A	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
L73601-04	WG544299	Boron, soluble (Hot Water)	M6010D ICP	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
L73601-05	WG544111	Barium, total (3050)	M6010D ICP	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG544299	Boron, soluble (Hot Water)	M6010D ICP	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG544340	Chromium, Hexavalent (3060)	M7196A	DA	Sample required dilution due to reactivity.
			M7196A	Q6	Sample was received above recommended temperature.
			M7196A	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
L73601-06	WG544111	Barium, total (3050)	M6010D ICP	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG544299	Boron, soluble (Hot Water)	M6010D ICP	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG544340	Chromium, Hexavalent (3060)	M7196A	DA	Sample required dilution due to reactivity.
			M7196A	Q6	Sample was received above recommended temperature.
			M7196A	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-1

ACZ Sample ID: ***L73601-02***
Date Sampled: *06/01/22 10:29*
Date Received: *06/01/22*
Sample Matrix: *Soil*

DRO-MRO (C10-C36)

Analysis Method: **M8015D GC/FID**
Extract Method: **M3546**

Workgroup: WG544020
Analyst: ekm
Extract Date: 06/03/22 11:30
Analysis Date: 06/08/22 13:19

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TPH C10 to C36		312		0.0975	*	mg/Kg	14.6	48.7
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
OTP	84-15-1	103.1		0.0975	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-1

ACZ Sample ID: ***L73601-02***
Date Sampled: *06/01/22 10:29*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Gasoline Range Organics (C6-C10)

Analysis Method: **M8015D GC/FID**
Extract Method: **5035A**

Workgroup: WG543975
Analyst: bcc
Extract Date: 06/09/22 15:17
Analysis Date: 06/09/22 15:17

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TVH C6 to C10	TVH	<0.05	U	1	*	mg/Kg	0.05	0.05
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
Bromofluorobenzene (TVH)	460-00 4	93.4		1	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-1

ACZ Sample ID: ***L73601-02***
Date Sampled: *06/01/22 10:29*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Polynuclear Aromatic Hydrocarbons GC/M

Analysis Method: **M8270D/E GC/MS**
Extract Method: **M3540C**

Workgroup: WG544079
Analyst: ekm
Extract Date: 06/06/22 14:45
Analysis Date: 06/09/22 13:30

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
2-Methylnaphthalene	91-57-6	<200	U	100	*	ug/Kg	200	1000
Acenaphthene	83-32-9	<200	U	100	*	ug/Kg	200	1000
Acenaphthylene	208-96-8	<200	U	100	*	ug/Kg	200	1000
Anthracene	120-12-7	<200	U	100	*	ug/Kg	200	1000
Benzo(a)anthracene	56-55-3	<200	U	100	*	ug/Kg	200	1000
Benzo(a)pyrene	50-32-8	<200	U	100	*	ug/Kg	200	1000
Benzo(b)fluoranthene	205-99-2	<200	U	100	*	ug/Kg	200	1000
Benzo(g,h,i)perylene	191-24-2	<200	U	100	*	ug/Kg	200	1000
Benzo(k)fluoranthene	207-08-9	<200	U	100	*	ug/Kg	200	1000
Chrysene	218-01-9	<200	U	100	*	ug/Kg	200	1000
Dibenzo(a,h)anthracene	53-70-3	<200	U	100	*	ug/Kg	200	1000
Fluoranthene	206-44-0	<200	U	100	*	ug/Kg	200	1000
Fluorene	86-73-7	<200	U	100	*	ug/Kg	200	1000
Indeno(1,2,3-cd)pyrene	193-39-5	<200	U	100	*	ug/Kg	200	1000
Naphthalene	91-20-3	<200	U	100	*	ug/Kg	200	1000
Phenanthrene	85-01-8	<200	U	100	*	ug/Kg	200	1000
Pyrene	129-00-0	<200	U	100	*	ug/Kg	200	1000

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
2-Fluorobiphenyl	321-60-8	73.1	100	*	%	44	115
Nitrobenzene-d5	4165-60-0	59.2	100	*	%	37	122
Terphenyl-d14	1718-51-0	90.4	100	*	%	54	127

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-1

ACZ Sample ID: ***L73601-02***
Date Sampled: *06/01/22 10:29*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260C/D GC/MS**
Extract Method: **5035A**

Workgroup: WG543667
Analyst: bcc
Extract Date: 06/06/22 15:31
Analysis Date: 06/06/22 15:31

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	630-20-6	<4	U	1	*	ug/Kg	4	10
1,1,1-Trichloroethane	71-55-6	<10	U	1	*	ug/Kg	10	25
1,1,2,2-Tetrachloroethane	79-34-5	<3	U	1	*	ug/Kg	3	10
1,1,2-Trichloroethane	79-00-5	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethane	75-34-3	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethene	75-35-4	<4	U	1	*	ug/Kg	4	10
1,1-Dichloropropene	563-58-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichlorobenzene	87-61-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichloropropane	96-18-4	<4	U	1	*	ug/Kg	4	10
1,2,4-Trichlorobenzene	120-82-1	<3	U	1	*	ug/Kg	3	10
1,2,4-Trimethylbenzene	95-63-6	<4	U	1	*	ug/Kg	4	10
1,2-Dibromo-3-chloropropane	96-12-8	<4	U	1	*	ug/Kg	4	10
1,2-Dibromoethane	106-93-4	<4	U	1	*	ug/Kg	4	10
1,2-Dichlorobenzene	95-50-1	<4	U	1	*	ug/Kg	4	10
1,2-Dichloroethane	107-06-2	<4	U	1	*	ug/Kg	4	10
1,2-Dichloropropane	78-87-5	<4	U	1	*	ug/Kg	4	10
1,3,5-Trimethylbenzene	108-67-8	<4	U	1	*	ug/Kg	4	10
1,3-Dichlorobenzene	541-73-1	<4	U	1	*	ug/Kg	4	10
1,3-Dichloropropane	142-28-9	<4	U	1	*	ug/Kg	4	10
1,4-Dichlorobenzene	106-46-7	<4	U	1	*	ug/Kg	4	10
2,2-Dichloropropane	594-20-7	<4	U	1	*	ug/Kg	4	10
2-Butanone	78-93-3	<10	U	1	*	ug/Kg	10	25
2-Chloroethyl vinyl ether	110-75-8	<5	U	1	*	ug/Kg	5	25
2-Chlorotoluene	95-49-8	<4	U	1	*	ug/Kg	4	10
2-Hexanone	591-78-6	<10	U	1	*	ug/Kg	10	25
4-Chlorotoluene	106-43-4	<4	U	1	*	ug/Kg	4	10
4-Isopropyltoluene	99-87-6	<4	U	1	*	ug/Kg	4	10
4-Methyl-2-Pentanone	108-10-1	<10	U	1	*	ug/Kg	10	50
Acetone	67-64-1	<10	U	1	*	ug/Kg	10	25
Acrylonitrile	107-13-1	<4	U	1	*	ug/Kg	4	10
Benzene	71-43-2	<4	U	1	*	ug/Kg	4	10
Bromobenzene	108-86-1	<4	U	1	*	ug/Kg	4	10
Bromochloromethane	74-97-5	<4	U	1	*	ug/Kg	4	10
Bromodichloromethane	75-27-4	<4	U	1	*	ug/Kg	4	10
Bromoform	75-25-2	<4	U	1	*	ug/Kg	4	10
Bromomethane	74-83-9	<4	U	1	*	ug/Kg	4	10
Carbon Disulfide	75-15-0	<4	U	1	*	ug/Kg	4	10
Carbon Tetrachloride	56-23-5	<10	U	1	*	ug/Kg	10	25

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-1

ACZ Sample ID: ***L73601-02***
Date Sampled: *06/01/22 10:29*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Chlorobenzene	108-90-7	<4	U	1	*	ug/Kg	4	10
Chloroethane	75-00-3	<4	U	1	*	ug/Kg	4	10
Chloroform	67-66-3	<4	U	1	*	ug/Kg	4	10
Chloromethane	74-87-3	<4	U	1	*	ug/Kg	4	10
cis-1,2-Dichloroethene	156-59-2	<4	U	1	*	ug/Kg	4	10
cis-1,3-Dichloropropene	10061-01-5	<4	U	1	*	ug/Kg	4	10
Dibromochloromethane	124-48-1	<4	U	1	*	ug/Kg	4	10
Dibromomethane	74-95-3	<4	U	1	*	ug/Kg	4	10
Dichlorodifluoromethane	75-71-8	<5	U	1	*	ug/Kg	5	15
Ethylbenzene	100-41-4	<4	U	1	*	ug/Kg	4	10
Hexachlorobutadiene	87-68-3	<4	U	1	*	ug/Kg	4	10
Isopropylbenzene	98-82-8	<4	U	1	*	ug/Kg	4	10
m p Xylene	1330-20-7	<10	U	1	*	ug/Kg	10	25
Methyl Tert Butyl Ether	1634-04-4	<4	U	1	*	ug/Kg	4	10
Methylene Chloride	75-09-2	<4	U	1	*	ug/Kg	4	10
Naphthalene	91-20-3	<4	U	1	*	ug/Kg	4	10
n-Butylbenzene	104-51-8	<4	U	1	*	ug/Kg	4	10
n-Propylbenzene	103-65-1	<4	U	1	*	ug/Kg	4	10
o Xylene	95-47-6	<4	U	1	*	ug/Kg	4	10
sec-Butylbenzene	135-98-8	<4	U	1	*	ug/Kg	4	10
Styrene	100-42-5	<4	U	1	*	ug/Kg	4	10
tert-Butylbenzene	98-06-6	<4	U	1	*	ug/Kg	4	10
Tetrachloroethene	127-18-4	<4	U	1	*	ug/Kg	4	10
Toluene	108-88-3	<4	U	1	*	ug/Kg	4	10
trans-1,2-Dichloroethene	156-60-5	<4	U	1	*	ug/Kg	4	10
trans-1,3-Dichloropropene	10061-02-6	<3	U	1	*	ug/Kg	3	10
Trichloroethene	79-01-6	<5	U	1	*	ug/Kg	5	15
Trichlorofluoromethane	75-69-4	<4	U	1	*	ug/Kg	4	10
Vinyl Acetate	108-05-4	<4	U	1	*	ug/Kg	4	10
Vinyl Chloride	75-01-4	<4	U	1	*	ug/Kg	4	10

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
Bromofluorobenzene	30135-88-7	101.4	1	*	%	70	130
Dibromofluoromethane	1868-53-7	100	1	*	%	70	130
Toluene-d8	2037-26-5	97.8	1	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-2

ACZ Sample ID: ***L73601-03***
Date Sampled: *06/01/22 10:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

DRO-MRO (C10-C36)

Analysis Method: **M8015D GC/FID**
Extract Method: **M3546**

Workgroup: WG544020
Analyst: ekm
Extract Date: 06/03/22 11:30
Analysis Date: 06/08/22 13:57

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TPH C10 to C36		52.9		0.0991	*	mg/Kg	14.9	49.6
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
OTP	84-15-1	95.73		0.0991	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-2

ACZ Sample ID: ***L73601-03***
Date Sampled: *06/01/22 10:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Gasoline Range Organics (C6-C10)

Analysis Method: **M8015D GC/FID**
Extract Method: **5035A**

Workgroup: WG543975
Analyst: bcc
Extract Date: 06/09/22 16:24
Analysis Date: 06/09/22 16:24

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TVH C6 to C10	TVH	<0.05	U	1	*	mg/Kg	0.05	0.05
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
Bromofluorobenzene (TVH)	460-00 4	91.5		1	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-2

ACZ Sample ID: ***L73601-03***
Date Sampled: *06/01/22 10:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Polynuclear Aromatic Hydrocarbons GC/M

Analysis Method: **M8270D/E GC/MS**
Extract Method: **M3540C**

Workgroup: WG544079
Analyst: ekm
Extract Date: 06/06/22 14:45
Analysis Date: 06/09/22 14:04

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
2-Methylnaphthalene	91-57-6	<136	U	67.8	*	ug/Kg	136	678
Acenaphthene	83-32-9	<136	U	67.8	*	ug/Kg	136	678
Acenaphthylene	208-96-8	<136	U	67.8	*	ug/Kg	136	678
Anthracene	120-12-7	<136	U	67.8	*	ug/Kg	136	678
Benzo(a)anthracene	56-55-3	<136	U	67.8	*	ug/Kg	136	678
Benzo(a)pyrene	50-32-8	<136	U	67.8	*	ug/Kg	136	678
Benzo(b)fluoranthene	205-99-2	<136	U	67.8	*	ug/Kg	136	678
Benzo(g,h,i)perylene	191-24-2	<136	U	67.8	*	ug/Kg	136	678
Benzo(k)fluoranthene	207-08-9	<136	U	67.8	*	ug/Kg	136	678
Chrysene	218-01-9	<136	U	67.8	*	ug/Kg	136	678
Dibenzo(a,h)anthracene	53-70-3	<136	U	67.8	*	ug/Kg	136	678
Fluoranthene	206-44-0	<136	U	67.8	*	ug/Kg	136	678
Fluorene	86-73-7	<136	U	67.8	*	ug/Kg	136	678
Indeno(1,2,3-cd)pyrene	193-39-5	<136	U	67.8	*	ug/Kg	136	678
Naphthalene	91-20-3	<136	U	67.8	*	ug/Kg	136	678
Phenanthrene	85-01-8	<136	U	67.8	*	ug/Kg	136	678
Pyrene	129-00-0	<136	U	67.8	*	ug/Kg	136	678

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
2-Fluorobiphenyl	321-60-8	69.2	67.8	*	%	44	115
Nitrobenzene-d5	4165-60-0	56.5	67.8	*	%	37	122
Terphenyl-d14	1718-51-0	86.4	67.8	*	%	54	127

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-2

ACZ Sample ID: ***L73601-03***
Date Sampled: *06/01/22 10:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260C/D GC/MS**
Extract Method: **5035A**

Workgroup: WG543667
Analyst: bcc
Extract Date: 06/06/22 16:24
Analysis Date: 06/06/22 16:24

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	630-20-6	<4	U	1	*	ug/Kg	4	10
1,1,1-Trichloroethane	71-55-6	<10	U	1	*	ug/Kg	10	25
1,1,2,2-Tetrachloroethane	79-34-5	<3	U	1	*	ug/Kg	3	10
1,1,2-Trichloroethane	79-00-5	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethane	75-34-3	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethene	75-35-4	<4	U	1	*	ug/Kg	4	10
1,1-Dichloropropene	563-58-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichlorobenzene	87-61-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichloropropane	96-18-4	<4	U	1	*	ug/Kg	4	10
1,2,4-Trichlorobenzene	120-82-1	<3	U	1	*	ug/Kg	3	10
1,2,4-Trimethylbenzene	95-63-6	<4	U	1	*	ug/Kg	4	10
1,2-Dibromo-3-chloropropane	96-12-8	<4	U	1	*	ug/Kg	4	10
1,2-Dibromoethane	106-93-4	<4	U	1	*	ug/Kg	4	10
1,2-Dichlorobenzene	95-50-1	<4	U	1	*	ug/Kg	4	10
1,2-Dichloroethane	107-06-2	<4	U	1	*	ug/Kg	4	10
1,2-Dichloropropane	78-87-5	<4	U	1	*	ug/Kg	4	10
1,3,5-Trimethylbenzene	108-67-8	<4	U	1	*	ug/Kg	4	10
1,3-Dichlorobenzene	541-73-1	<4	U	1	*	ug/Kg	4	10
1,3-Dichloropropane	142-28-9	<4	U	1	*	ug/Kg	4	10
1,4-Dichlorobenzene	106-46-7	<4	U	1	*	ug/Kg	4	10
2,2-Dichloropropane	594-20-7	<4	U	1	*	ug/Kg	4	10
2-Butanone	78-93-3	<10	U	1	*	ug/Kg	10	25
2-Chloroethyl vinyl ether	110-75-8	<5	U	1	*	ug/Kg	5	25
2-Chlorotoluene	95-49-8	<4	U	1	*	ug/Kg	4	10
2-Hexanone	591-78-6	<10	U	1	*	ug/Kg	10	25
4-Chlorotoluene	106-43-4	<4	U	1	*	ug/Kg	4	10
4-Isopropyltoluene	99-87-6	<4	U	1	*	ug/Kg	4	10
4-Methyl-2-Pentanone	108-10-1	<10	U	1	*	ug/Kg	10	50
Acetone	67-64-1	<10	U	1	*	ug/Kg	10	25
Acrylonitrile	107-13-1	<4	U	1	*	ug/Kg	4	10
Benzene	71-43-2	<4	U	1	*	ug/Kg	4	10
Bromobenzene	108-86-1	<4	U	1	*	ug/Kg	4	10
Bromochloromethane	74-97-5	<4	U	1	*	ug/Kg	4	10
Bromodichloromethane	75-27-4	<4	U	1	*	ug/Kg	4	10
Bromoform	75-25-2	<4	U	1	*	ug/Kg	4	10
Bromomethane	74-83-9	<4	U	1	*	ug/Kg	4	10
Carbon Disulfide	75-15-0	<4	U	1	*	ug/Kg	4	10
Carbon Tetrachloride	56-23-5	<10	U	1	*	ug/Kg	10	25

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: CON 22-2-2

ACZ Sample ID: ***L73601-03***
Date Sampled: *06/01/22 10:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Chlorobenzene	108-90-7	<4	U	1	*	ug/Kg	4	10
Chloroethane	75-00-3	<4	U	1	*	ug/Kg	4	10
Chloroform	67-66-3	<4	U	1	*	ug/Kg	4	10
Chloromethane	74-87-3	<4	U	1	*	ug/Kg	4	10
cis-1,2-Dichloroethene	156-59-2	<4	U	1	*	ug/Kg	4	10
cis-1,3-Dichloropropene	10061-01-5	<4	U	1	*	ug/Kg	4	10
Dibromochloromethane	124-48-1	<4	U	1	*	ug/Kg	4	10
Dibromomethane	74-95-3	<4	U	1	*	ug/Kg	4	10
Dichlorodifluoromethane	75-71-8	<5	U	1	*	ug/Kg	5	15
Ethylbenzene	100-41-4	<4	U	1	*	ug/Kg	4	10
Hexachlorobutadiene	87-68-3	<4	U	1	*	ug/Kg	4	10
Isopropylbenzene	98-82-8	<4	U	1	*	ug/Kg	4	10
m p Xylene	1330-20-7	<10	U	1	*	ug/Kg	10	25
Methyl Tert Butyl Ether	1634-04-4	<4	U	1	*	ug/Kg	4	10
Methylene Chloride	75-09-2	<4	U	1	*	ug/Kg	4	10
Naphthalene	91-20-3	<4	U	1	*	ug/Kg	4	10
n-Butylbenzene	104-51-8	<4	U	1	*	ug/Kg	4	10
n-Propylbenzene	103-65-1	<4	U	1	*	ug/Kg	4	10
o Xylene	95-47-6	<4	U	1	*	ug/Kg	4	10
sec-Butylbenzene	135-98-8	<4	U	1	*	ug/Kg	4	10
Styrene	100-42-5	<4	U	1	*	ug/Kg	4	10
tert-Butylbenzene	98-06-6	<4	U	1	*	ug/Kg	4	10
Tetrachloroethene	127-18-4	<4	U	1	*	ug/Kg	4	10
Toluene	108-88-3	<4	U	1	*	ug/Kg	4	10
trans-1,2-Dichloroethene	156-60-5	<4	U	1	*	ug/Kg	4	10
trans-1,3-Dichloropropene	10061-02-6	<3	U	1	*	ug/Kg	3	10
Trichloroethene	79-01-6	<5	U	1	*	ug/Kg	5	15
Trichlorofluoromethane	75-69-4	<4	U	1	*	ug/Kg	4	10
Vinyl Acetate	108-05-4	<4	U	1	*	ug/Kg	4	10
Vinyl Chloride	75-01-4	<4	U	1	*	ug/Kg	4	10

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
Bromofluorobenzene	30135-88-7	100.8	1	*	%	70	130
Dibromofluoromethane	1868-53-7	99.5	1	*	%	70	130
Toluene-d8	2037-26-5	99.2	1	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-1

ACZ Sample ID: ***L73601-05***
Date Sampled: *06/01/22 11:23*
Date Received: *06/01/22*
Sample Matrix: *Soil*

DRO-MRO (C10-C36)

Analysis Method: **M8015D GC/FID**
Extract Method: **M3546**

Workgroup: WG544020
Analyst: ekm
Extract Date: 06/03/22 11:30
Analysis Date: 06/09/22 8:32

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TPH C10 to C36		33.9	J	0.101	*	mg/Kg	15.1	50.3
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
OTP	84-15-1	90.91		0.101	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-1

ACZ Sample ID: ***L73601-05***
Date Sampled: *06/01/22 11:23*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Gasoline Range Organics (C6-C10)

Analysis Method: **M8015D GC/FID**
Extract Method: **5035A**

Workgroup: WG543975
Analyst: bcc
Extract Date: 06/09/22 16:58
Analysis Date: 06/09/22 16:58

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TVH C6 to C10	TVH	<0.05	U	1	*	mg/Kg	0.05	0.05
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
Bromofluorobenzene (TVH)	460-00 4	87.6		1	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-1

ACZ Sample ID: ***L73601-05***
Date Sampled: *06/01/22 11:23*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Polynuclear Aromatic Hydrocarbons GC/M

Analysis Method: **M8270D/E GC/MS**
Extract Method: **M3540C**

Workgroup: WG544079
Analyst: ekm
Extract Date: 06/06/22 14:45
Analysis Date: 06/09/22 14:38

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
2-Methylnaphthalene	91-57-6	<210	U	105	*	ug/Kg	210	1050
Acenaphthene	83-32-9	<210	U	105	*	ug/Kg	210	1050
Acenaphthylene	208-96-8	<210	U	105	*	ug/Kg	210	1050
Anthracene	120-12-7	<210	U	105	*	ug/Kg	210	1050
Benzo(a)anthracene	56-55-3	<210	U	105	*	ug/Kg	210	1050
Benzo(a)pyrene	50-32-8	<210	U	105	*	ug/Kg	210	1050
Benzo(b)fluoranthene	205-99-2	<210	U	105	*	ug/Kg	210	1050
Benzo(g,h,i)perylene	191-24-2	<210	U	105	*	ug/Kg	210	1050
Benzo(k)fluoranthene	207-08-9	<210	U	105	*	ug/Kg	210	1050
Chrysene	218-01-9	<210	U	105	*	ug/Kg	210	1050
Dibenzo(a,h)anthracene	53-70-3	<210	U	105	*	ug/Kg	210	1050
Fluoranthene	206-44-0	<210	U	105	*	ug/Kg	210	1050
Fluorene	86-73-7	<210	U	105	*	ug/Kg	210	1050
Indeno(1,2,3-cd)pyrene	193-39-5	<210	U	105	*	ug/Kg	210	1050
Naphthalene	91-20-3	<210	U	105	*	ug/Kg	210	1050
Phenanthrene	85-01-8	<210	U	105	*	ug/Kg	210	1050
Pyrene	129-00-0	<210	U	105	*	ug/Kg	210	1050

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
2-Fluorobiphenyl	321-60-8	70.4	105	*	%	44	115
Nitrobenzene-d5	4165-60-0	60.6	105	*	%	37	122
Terphenyl-d14	1718-51-0	80.6	105	*	%	54	127

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-1

ACZ Sample ID: ***L73601-05***
Date Sampled: *06/01/22 11:23*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260C/D GC/MS**
Extract Method: **5035A**

Workgroup: WG543667
Analyst: bcc
Extract Date: 06/06/22 16:51
Analysis Date: 06/06/22 16:51

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	630-20-6	<4	U	1	*	ug/Kg	4	10
1,1,1-Trichloroethane	71-55-6	<10	U	1	*	ug/Kg	10	25
1,1,2,2-Tetrachloroethane	79-34-5	<3	U	1	*	ug/Kg	3	10
1,1,2-Trichloroethane	79-00-5	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethane	75-34-3	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethene	75-35-4	<4	U	1	*	ug/Kg	4	10
1,1-Dichloropropene	563-58-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichlorobenzene	87-61-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichloropropane	96-18-4	<4	U	1	*	ug/Kg	4	10
1,2,4-Trichlorobenzene	120-82-1	<3	U	1	*	ug/Kg	3	10
1,2,4-Trimethylbenzene	95-63-6	<4	U	1	*	ug/Kg	4	10
1,2-Dibromo-3-chloropropane	96-12-8	<4	U	1	*	ug/Kg	4	10
1,2-Dibromoethane	106-93-4	<4	U	1	*	ug/Kg	4	10
1,2-Dichlorobenzene	95-50-1	<4	U	1	*	ug/Kg	4	10
1,2-Dichloroethane	107-06-2	<4	U	1	*	ug/Kg	4	10
1,2-Dichloropropane	78-87-5	<4	U	1	*	ug/Kg	4	10
1,3,5-Trimethylbenzene	108-67-8	<4	U	1	*	ug/Kg	4	10
1,3-Dichlorobenzene	541-73-1	<4	U	1	*	ug/Kg	4	10
1,3-Dichloropropane	142-28-9	<4	U	1	*	ug/Kg	4	10
1,4-Dichlorobenzene	106-46-7	<4	U	1	*	ug/Kg	4	10
2,2-Dichloropropane	594-20-7	<4	U	1	*	ug/Kg	4	10
2-Butanone	78-93-3	<10	U	1	*	ug/Kg	10	25
2-Chloroethyl vinyl ether	110-75-8	<5	U	1	*	ug/Kg	5	25
2-Chlorotoluene	95-49-8	<4	U	1	*	ug/Kg	4	10
2-Hexanone	591-78-6	<10	U	1	*	ug/Kg	10	25
4-Chlorotoluene	106-43-4	<4	U	1	*	ug/Kg	4	10
4-Isopropyltoluene	99-87-6	<4	U	1	*	ug/Kg	4	10
4-Methyl-2-Pentanone	108-10-1	<10	U	1	*	ug/Kg	10	50
Acetone	67-64-1	<10	U	1	*	ug/Kg	10	25
Acrylonitrile	107-13-1	<4	U	1	*	ug/Kg	4	10
Benzene	71-43-2	<4	U	1	*	ug/Kg	4	10
Bromobenzene	108-86-1	<4	U	1	*	ug/Kg	4	10
Bromochloromethane	74-97-5	<4	U	1	*	ug/Kg	4	10
Bromodichloromethane	75-27-4	<4	U	1	*	ug/Kg	4	10
Bromoform	75-25-2	<4	U	1	*	ug/Kg	4	10
Bromomethane	74-83-9	<4	U	1	*	ug/Kg	4	10
Carbon Disulfide	75-15-0	<4	U	1	*	ug/Kg	4	10
Carbon Tetrachloride	56-23-5	<10	U	1	*	ug/Kg	10	25

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-1

ACZ Sample ID: ***L73601-05***
Date Sampled: *06/01/22 11:23*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Chlorobenzene	108-90-7	<4	U	1	*	ug/Kg	4	10
Chloroethane	75-00-3	<4	U	1	*	ug/Kg	4	10
Chloroform	67-66-3	<4	U	1	*	ug/Kg	4	10
Chloromethane	74-87-3	<4	U	1	*	ug/Kg	4	10
cis-1,2-Dichloroethene	156-59-2	<4	U	1	*	ug/Kg	4	10
cis-1,3-Dichloropropene	10061-01-5	<4	U	1	*	ug/Kg	4	10
Dibromochloromethane	124-48-1	<4	U	1	*	ug/Kg	4	10
Dibromomethane	74-95-3	<4	U	1	*	ug/Kg	4	10
Dichlorodifluoromethane	75-71-8	<5	U	1	*	ug/Kg	5	15
Ethylbenzene	100-41-4	<4	U	1	*	ug/Kg	4	10
Hexachlorobutadiene	87-68-3	<4	U	1	*	ug/Kg	4	10
Isopropylbenzene	98-82-8	<4	U	1	*	ug/Kg	4	10
m p Xylene	1330-20-7	<10	U	1	*	ug/Kg	10	25
Methyl Tert Butyl Ether	1634-04-4	<4	U	1	*	ug/Kg	4	10
Methylene Chloride	75-09-2	<4	U	1	*	ug/Kg	4	10
Naphthalene	91-20-3	<4	U	1	*	ug/Kg	4	10
n-Butylbenzene	104-51-8	<4	U	1	*	ug/Kg	4	10
n-Propylbenzene	103-65-1	<4	U	1	*	ug/Kg	4	10
o Xylene	95-47-6	<4	U	1	*	ug/Kg	4	10
sec-Butylbenzene	135-98-8	<4	U	1	*	ug/Kg	4	10
Styrene	100-42-5	<4	U	1	*	ug/Kg	4	10
tert-Butylbenzene	98-06-6	<4	U	1	*	ug/Kg	4	10
Tetrachloroethene	127-18-4	<4	U	1	*	ug/Kg	4	10
Toluene	108-88-3	<4	U	1	*	ug/Kg	4	10
trans-1,2-Dichloroethene	156-60-5	<4	U	1	*	ug/Kg	4	10
trans-1,3-Dichloropropene	10061-02-6	<3	U	1	*	ug/Kg	3	10
Trichloroethene	79-01-6	<5	U	1	*	ug/Kg	5	15
Trichlorofluoromethane	75-69-4	<4	U	1	*	ug/Kg	4	10
Vinyl Acetate	108-05-4	<4	U	1	*	ug/Kg	4	10
Vinyl Chloride	75-01-4	<4	U	1	*	ug/Kg	4	10

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
Bromofluorobenzene	30135-88-7	101.4	1	*	%	70	130
Dibromofluoromethane	1868-53-7	100	1	*	%	70	130
Toluene-d8	2037-26-5	98.9	1	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-2

ACZ Sample ID: ***L73601-06***
Date Sampled: *06/01/22 11:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

DRO-MRO (C10-C36)

Analysis Method: **M8015D GC/FID**
Extract Method: **M3546**

Workgroup: WG544020
Analyst: ekm
Extract Date: 06/03/22 11:30
Analysis Date: 06/09/22 9:03

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TPH C10 to C36		<7.64	U	0.0509	*	mg/Kg	7.64	25.5
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
OTP	84-15-1	89.73		0.0509	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-2

ACZ Sample ID: ***L73601-06***
Date Sampled: *06/01/22 11:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Gasoline Range Organics (C6-C10)

Analysis Method: **M8015D GC/FID**
Extract Method: **5035A**

Workgroup: WG543975
Analyst: bcc
Extract Date: 06/09/22 18:05
Analysis Date: 06/09/22 18:05

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
TVH C6 to C10	TVH	<0.05	U	1	*	mg/Kg	0.05	0.05
Surrogate Recoveries	**CAS**	**% Recovery**		**Dilution**	**XQ**	**Units**	**LCL**	**UCL**
Bromofluorobenzene (TVH)	460-00 4	92		1	*	%	70	130

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-2

ACZ Sample ID: ***L73601-06***
Date Sampled: *06/01/22 11:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Polynuclear Aromatic Hydrocarbons GC/M

Analysis Method: **M8270D/E GC/MS**
Extract Method: **M3540C**

Workgroup: WG544079
Analyst: ekm
Extract Date: 06/06/22 14:45
Analysis Date: 06/09/22 15:12

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
2-Methylnaphthalene	91-57-6	<101	U	50.6	*	ug/Kg	101	506
Acenaphthene	83-32-9	<101	U	50.6	*	ug/Kg	101	506
Acenaphthylene	208-96-8	<101	U	50.6	*	ug/Kg	101	506
Anthracene	120-12-7	<101	U	50.6	*	ug/Kg	101	506
Benzo(a)anthracene	56-55-3	<101	U	50.6	*	ug/Kg	101	506
Benzo(a)pyrene	50-32-8	<101	U	50.6	*	ug/Kg	101	506
Benzo(b)fluoranthene	205-99-2	<101	U	50.6	*	ug/Kg	101	506
Benzo(g,h,i)perylene	191-24-2	<101	U	50.6	*	ug/Kg	101	506
Benzo(k)fluoranthene	207-08-9	<101	U	50.6	*	ug/Kg	101	506
Chrysene	218-01-9	<101	U	50.6	*	ug/Kg	101	506
Dibenzo(a,h)anthracene	53-70-3	<101	U	50.6	*	ug/Kg	101	506
Fluoranthene	206-44-0	<101	U	50.6	*	ug/Kg	101	506
Fluorene	86-73-7	<101	U	50.6	*	ug/Kg	101	506
Indeno(1,2,3-cd)pyrene	193-39-5	<101	U	50.6	*	ug/Kg	101	506
Naphthalene	91-20-3	<101	U	50.6	*	ug/Kg	101	506
Phenanthrene	85-01-8	<101	U	50.6	*	ug/Kg	101	506
Pyrene	129-00-0	<101	U	50.6	*	ug/Kg	101	506

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
2-Fluorobiphenyl	321-60-8	68.2	50.6	*	%	44	115
Nitrobenzene-d5	4165-60-0	55.2	50.6	*	%	37	122
Terphenyl-d14	1718-51-0	84.6	50.6	*	%	54	127

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-2

ACZ Sample ID: ***L73601-06***
Date Sampled: *06/01/22 11:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260C/D GC/MS**
Extract Method: **5035A**

Workgroup: WG543667
Analyst: bcc
Extract Date: 06/06/22 17:17
Analysis Date: 06/06/22 17:17

Compound	CAS	Result	QUAL	Dilution	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	630-20-6	<4	U	1	*	ug/Kg	4	10
1,1,1-Trichloroethane	71-55-6	<10	U	1	*	ug/Kg	10	25
1,1,2,2-Tetrachloroethane	79-34-5	<3	U	1	*	ug/Kg	3	10
1,1,2-Trichloroethane	79-00-5	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethane	75-34-3	<4	U	1	*	ug/Kg	4	10
1,1-Dichloroethene	75-35-4	<4	U	1	*	ug/Kg	4	10
1,1-Dichloropropene	563-58-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichlorobenzene	87-61-6	<4	U	1	*	ug/Kg	4	10
1,2,3-Trichloropropane	96-18-4	<4	U	1	*	ug/Kg	4	10
1,2,4-Trichlorobenzene	120-82-1	<3	U	1	*	ug/Kg	3	10
1,2,4-Trimethylbenzene	95-63-6	<4	U	1	*	ug/Kg	4	10
1,2-Dibromo-3-chloropropane	96-12-8	<4	U	1	*	ug/Kg	4	10
1,2-Dibromoethane	106-93-4	<4	U	1	*	ug/Kg	4	10
1,2-Dichlorobenzene	95-50-1	<4	U	1	*	ug/Kg	4	10
1,2-Dichloroethane	107-06-2	<4	U	1	*	ug/Kg	4	10
1,2-Dichloropropane	78-87-5	<4	U	1	*	ug/Kg	4	10
1,3,5-Trimethylbenzene	108-67-8	<4	U	1	*	ug/Kg	4	10
1,3-Dichlorobenzene	541-73-1	<4	U	1	*	ug/Kg	4	10
1,3-Dichloropropane	142-28-9	<4	U	1	*	ug/Kg	4	10
1,4-Dichlorobenzene	106-46-7	<4	U	1	*	ug/Kg	4	10
2,2-Dichloropropane	594-20-7	<4	U	1	*	ug/Kg	4	10
2-Butanone	78-93-3	<10	U	1	*	ug/Kg	10	25
2-Chloroethyl vinyl ether	110-75-8	<5	U	1	*	ug/Kg	5	25
2-Chlorotoluene	95-49-8	<4	U	1	*	ug/Kg	4	10
2-Hexanone	591-78-6	<10	U	1	*	ug/Kg	10	25
4-Chlorotoluene	106-43-4	<4	U	1	*	ug/Kg	4	10
4-Isopropyltoluene	99-87-6	<4	U	1	*	ug/Kg	4	10
4-Methyl-2-Pentanone	108-10-1	<10	U	1	*	ug/Kg	10	50
Acetone	67-64-1	<10	U	1	*	ug/Kg	10	25
Acrylonitrile	107-13-1	<4	U	1	*	ug/Kg	4	10
Benzene	71-43-2	<4	U	1	*	ug/Kg	4	10
Bromobenzene	108-86-1	<4	U	1	*	ug/Kg	4	10
Bromochloromethane	74-97-5	<4	U	1	*	ug/Kg	4	10
Bromodichloromethane	75-27-4	<4	U	1	*	ug/Kg	4	10
Bromoform	75-25-2	<4	U	1	*	ug/Kg	4	10
Bromomethane	74-83-9	<4	U	1	*	ug/Kg	4	10
Carbon Disulfide	75-15-0	<4	U	1	*	ug/Kg	4	10
Carbon Tetrachloride	56-23-5	<10	U	1	*	ug/Kg	10	25

Baggs Testing and Rental, Inc.
Project ID:
Sample ID: WALK 2-11-2

ACZ Sample ID: ***L73601-06***
Date Sampled: *06/01/22 11:40*
Date Received: *06/01/22*
Sample Matrix: *Soil*

Chlorobenzene	108-90-7	<4	U	1	*	ug/Kg	4	10
Chloroethane	75-00-3	<4	U	1	*	ug/Kg	4	10
Chloroform	67-66-3	<4	U	1	*	ug/Kg	4	10
Chloromethane	74-87-3	<4	U	1	*	ug/Kg	4	10
cis-1,2-Dichloroethene	156-59-2	<4	U	1	*	ug/Kg	4	10
cis-1,3-Dichloropropene	10061-01-5	<4	U	1	*	ug/Kg	4	10
Dibromochloromethane	124-48-1	<4	U	1	*	ug/Kg	4	10
Dibromomethane	74-95-3	<4	U	1	*	ug/Kg	4	10
Dichlorodifluoromethane	75-71-8	<5	U	1	*	ug/Kg	5	15
Ethylbenzene	100-41-4	<4	U	1	*	ug/Kg	4	10
Hexachlorobutadiene	87-68-3	<4	U	1	*	ug/Kg	4	10
Isopropylbenzene	98-82-8	<4	U	1	*	ug/Kg	4	10
m p Xylene	1330-20-7	<10	U	1	*	ug/Kg	10	25
Methyl Tert Butyl Ether	1634-04-4	<4	U	1	*	ug/Kg	4	10
Methylene Chloride	75-09-2	<4	U	1	*	ug/Kg	4	10
Naphthalene	91-20-3	<4	U	1	*	ug/Kg	4	10
n-Butylbenzene	104-51-8	<4	U	1	*	ug/Kg	4	10
n-Propylbenzene	103-65-1	<4	U	1	*	ug/Kg	4	10
o Xylene	95-47-6	<4	U	1	*	ug/Kg	4	10
sec-Butylbenzene	135-98-8	<4	U	1	*	ug/Kg	4	10
Styrene	100-42-5	<4	U	1	*	ug/Kg	4	10
tert-Butylbenzene	98-06-6	<4	U	1	*	ug/Kg	4	10
Tetrachloroethene	127-18-4	<4	U	1	*	ug/Kg	4	10
Toluene	108-88-3	<4	U	1	*	ug/Kg	4	10
trans-1,2-Dichloroethene	156-60-5	<4	U	1	*	ug/Kg	4	10
trans-1,3-Dichloropropene	10061-02-6	<3	U	1	*	ug/Kg	3	10
Trichloroethene	79-01-6	<5	U	1	*	ug/Kg	5	15
Trichlorofluoromethane	75-69-4	<4	U	1	*	ug/Kg	4	10
Vinyl Acetate	108-05-4	<4	U	1	*	ug/Kg	4	10
Vinyl Chloride	75-01-4	<4	U	1	*	ug/Kg	4	10

Surrogate Recoveries	CAS	% Recovery	Dilution	XQ	Units	LCL	UCL
Bromofluorobenzene	30135-88-7	100.5	1	*	%	70	130
Dibromofluoromethane	1868-53-7	98.2	1	*	%	70	130
Toluene-d8	2037-26-5	99.1	1	*	%	70	130

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
LCL	Lower Control Limit
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #4) Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
UCL	Upper Control Limit
Sample	Value of the Sample of interest

QC Sample Types

SURR	Surrogate	*LFB*	Laboratory Fortified Blank
INTS	Internal Standard	*LFM*	Laboratory Fortified Matrix
AS	Analytical Spike (Post Digestion)	*LFMD*	Laboratory Fortified Matrix Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LRB*	Laboratory Reagent Blank
DUP	Sample Duplicate	*MS/MSD*	Matrix Spike/Matrix Spike Duplicate
LCSS	Laboratory Control Sample - Soil	*PBS*	Prep Blank - Soil
LCSW	Laboratory Control Sample - Water	*PBW*	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

O	Analyte concentration is estimated due to result exceeding calibration range.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
J	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2) EPA 600/4-90/020. Methods for the Determination of Organic Compounds in Drinking Water (I), July 1990.
(3) EPA 600/R-92/129. Methods for the Determination of Organic Compounds in Drinking Water (II), July 1990.
(4) EPA SW-846. Test Methods for Evaluating Solid Waste.
(5) Standard Methods for the Examination of Water and Wastewater.

Comments

(1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2) Excluding Oil & Grease, solid & biological matrices for organic analyses are reported on a wet weight basis.
(3) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(4) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

Baggs Testing and Rental, Inc. ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

DRO-MRO (C10-C36)

M8015D GC/FID

WG544020

MS **Sample ID: L73601-06MS** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/09/22 9:35**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2	U	101.5	mg/Kg		70	130			
OTP (surr)				%	82.6	70	130			

MSD **Sample ID: L73601-06MSD** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/09/22 10:06**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2	U	115.2	mg/Kg		70	130	13	20	
OTP (surr)				%	88.6	70	130			

MS **Sample ID: L73647-04MS** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/09/22 18:38**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2	U	82.7	mg/Kg		70	130			
OTP (surr)				%	84.2	70	130			

MSD **Sample ID: L73647-04MSD** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/09/22 19:10**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2	U	88.2	mg/Kg		70	130	6	20	
OTP (surr)				%	87.8	70	130			

LCSS **Sample ID: WG543534LCSS** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/08/22 12:06**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2		70.3	mg/Kg		70	130			
OTP (surr)				%	85.9	70	130			

LCSSD **Sample ID: WG543534LCSSD** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/08/22 12:48**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2		79.4	mg/Kg		70	130	12	20	
OTP (surr)				%	96.9	70	130			

PBS **Sample ID: WG543534PBS** **Analyzed: 06/08/22 11:35**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36			U	mg/Kg		-16.6	16.6			
OTP (surr)				%	87.3	70	130			

LCSS **Sample ID: WG543640LCSS** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/09/22 12:12**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2		67.9	mg/Kg		70	130			
OTP (surr)				%	81.5	70	130			

LCSSD **Sample ID: WG543640LCSSD** **PCN/SCN: OPTPH220510-1** **Analyzed: 06/09/22 14:18**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36	2504.2		71.2	mg/Kg		70	130	5	20	
OTP (surr)				%	88.6	70	130			

Baggs Testing and Rental, Inc.

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

PBS **Sample ID: WG543640PBS** **Analyzed: 06/09/22 11:41**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TPH C10 TO C36			U	mg/Kg		-16.6	16.6			
OTP (surr)				%	82.0	70	130			

Baggs Testing and Rental, Inc. ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Gasoline Range Organics (C6-C10)

M8015D GC/FID

WG543975

DUP **Sample ID: L73601-02DUP** **Analyzed: 06/09/22 15:51**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TVH C6 TO C10		U	U	mg/Kg				0	20	RA
BROMOFLUOROBENZENE (TVH) (surr)				%	104.0	70	130			

AS **Sample ID: L73647-08AS** **PCN/SCN: B220608-2-ICV** **Analyzed: 06/10/22 10:03**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TVH C6 TO C10	.5	U	.417	mg/Kg	92.0	70	130			N1
BROMOFLUOROBENZENE (TVH) (surr)				%	92.0	70	130			

LCSS **Sample ID: WG543975LCSS** **PCN/SCN: B220608-2-ICV** **Analyzed: 06/09/22 13:03**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TVH C6 TO C10	.5		.481	mg/Kg	106.0	70	130			
BROMOFLUOROBENZENE (TVH) (surr)				%	96.6	70	130			

LCSSD **Sample ID: WG543975LCSSD** **PCN/SCN: B220608-2-ICV** **Analyzed: 06/09/22 13:37**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TVH C6 TO C10	.5		.479	mg/Kg	106.0	70	130	0	20	
BROMOFLUOROBENZENE (TVH) (surr)				%	98.2	70	130			

PBS **Sample ID: WG543975PBS** **Analyzed: 06/09/22 14:44**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
TVH C6 TO C10			U	mg/Kg		-.05	.05			
BROMOFLUOROBENZENE (TVH) (surr)				%	87.4	70	130			

Baggs Testing and Rental, Inc. ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Polynuclear Aromatic Hydrocarbons GC/MS

M8270D/E GC/MS

WG544079

MS **Sample ID: L73647-06MS** **PCN/SCN: OPMBNA220523-** **Analyzed: 06/09/22 19:11**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
2-METHYLNAPHTHALENE	50035	U	1990.1	ug/Kg	79.0	38	122			
ACENAPHTHENE	50040	U	2157.6	ug/Kg	86.0	40	123			
ACENAPHTHYLENE	50015	U	2159.8	ug/Kg	86.0	32	132			
ANTHRACENE	50060	U	2373.9	ug/Kg	95.0	47	123			
BENZO(A)PYRENE	50045	U	2324.8	ug/Kg	93.0	45	129			
BENZO(B)FLUORANTHENE	50010	U	2310.5	ug/Kg	92.0	45	132			
BENZO(G,H,I)PERYLENE	50000	U	2294.9	ug/Kg	92.0	43	134			
BENZO(K)FLUORANTHENE	50020	U	2229.9	ug/Kg	89.0	47	132			
CHRYSENE	50035	U	2288.6	ug/Kg	91.0	50	124			
DIBENZO(A,H)ANTHRACENE	50085	U	2312	ug/Kg	92.0	50	124			
FLUORANTHENE	50060	U	2315.2	ug/Kg	92.0	50	127			
FLUORENE	50045	U	2282.1	ug/Kg	91.0	43	125			
INDENO(1,2,3-CD)PYRENE	50010	U	2280.1	ug/Kg	91.0	45	133			
NAPHTHALENE	50015	U	1830.7	ug/Kg	73.0	36	120			
PHENANTHRENE	50055	U	2272.4	ug/Kg	91.0	50	121			
PYRENE	50055	U	2463.9	ug/Kg	98.0	47	127			
2,4,6-TRIBROMOPHENOL (surr)				%	60.2	39	132			
2-FLUOROBIPHENYL (surr)				%	80.0	44	115			
2-FLUOROPHENOL (surr)				%	65.6	35	115			
NITROBENZENE-D5 (surr)				%	63.8	37	122			
PHENOL-D6 (surr)				%	75.0	70	130			
TERPHENYL-D14 (surr)				%	94.7	54	127			

MSD **Sample ID: L73647-06MSD** **PCN/SCN: OPMBNA220523-** **Analyzed: 06/09/22 19:46**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
2-METHYLNAPHTHALENE	50035	U	1285.3	ug/Kg	50.0	38	122	43	20	R1
ACENAPHTHENE	50040	U	1400.5	ug/Kg	54.0	40	123	43	20	R1
ACENAPHTHYLENE	50015	U	1395.1	ug/Kg	54.0	32	132	43	20	R1
ANTHRACENE	50060	U	1562.1	ug/Kg	61.0	47	123	41	20	R1
BENZO(A)PYRENE	50045	U	1551.5	ug/Kg	60.0	45	129	40	20	R1
BENZO(B)FLUORANTHENE	50010	U	1462.3	ug/Kg	57.0	45	132	45	20	R1
BENZO(G,H,I)PERYLENE	50000	U	1519.5	ug/Kg	59.0	43	134	41	20	R1
BENZO(K)FLUORANTHENE	50020	U	1532.9	ug/Kg	60.0	47	132	37	20	R1
CHRYSENE	50035	U	1531.1	ug/Kg	59.0	50	124	40	20	R1
DIBENZO(A,H)ANTHRACENE	50085	U	1495.7	ug/Kg	58.0	50	124	43	20	R1
FLUORANTHENE	50060	U	1549.4	ug/Kg	60.0	50	127	40	20	R1
FLUORENE	50045	U	1466.8	ug/Kg	57.0	43	125	43	20	R1
INDENO(1,2,3-CD)PYRENE	50010	U	1502.8	ug/Kg	58.0	45	133	41	20	R1
NAPHTHALENE	50015	U	1242.1	ug/Kg	48.0	36	120	38	20	R1
PHENANTHRENE	50055	U	1509.4	ug/Kg	59.0	50	121	40	20	R1
PYRENE	50055	U	1650.6	ug/Kg	64.0	47	127	40	20	R1
2,4,6-TRIBROMOPHENOL (surr)				%	38.5	39	132			S15
2-FLUOROBIPHENYL (surr)				%	50.3	44	115			

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

2-FLUOROPHENOL (surr)	%	44.6	35	115	
NITROBENZENE-D5 (surr)	%	42.4	37	122	
PHENOL-D6 (surr)	%	48.0	70	130	S15
TERPHENYL-D14 (surr)	%	60.5	54	127	

LCSS **Sample ID: WG543666LCSS** **PCN/SCN: OPMBNA220523-** **Analyzed: 06/09/22 12:22**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
2-METHYLNAPHTHALENE	50035		1219.7	ug/Kg	73.0	38	122			
ACENAPHTHENE	50040		1271.3	ug/Kg	76.0	40	123			
ACENAPHTHYLENE	50015		1279.6	ug/Kg	77.0	32	132			
ANTHRACENE	50060		1506.8	ug/Kg	90.0	47	123			
BENZO(A)PYRENE	50045		1486.5	ug/Kg	89.0	45	129			
BENZO(B)FLUORANTHENE	50010		1504.2	ug/Kg	90.0	45	132			
BENZO(G,H,I)PERYLENE	50000		1449.6	ug/Kg	87.0	43	134			
BENZO(K)FLUORANTHENE	50020		1415.2	ug/Kg	85.0	47	132			
CHRYSENE	50035		1461.2	ug/Kg	87.0	50	124			
DIBENZO(A,H)ANTHRACENE	50085		1469.2	ug/Kg	88.0	50	124			
FLUORANTHENE	50060		1482.5	ug/Kg	89.0	50	127			
FLUORENE	50045		1365.9	ug/Kg	82.0	43	125			
INDENO(1,2,3-CD)PYRENE	50010		1455.1	ug/Kg	87.0	45	133			
NAPHTHALENE	50015		1198.7	ug/Kg	72.0	36	120			
PHENANTHRENE	50055		1445.3	ug/Kg	86.0	50	121			
PYRENE	50055		1553	ug/Kg	93.0	47	127			
2,4,6-TRIBROMOPHENOL (surr)				%	81.4	39	132			
2-FLUOROBIPHENYL (surr)				%	72.2	44	115			
2-FLUOROPHENOL (surr)				%	71.5	35	115			
NITROBENZENE-D5 (surr)				%	64.4	37	122			
PHENOL-D6 (surr)				%	72.0	70	130			
TERPHENYL-D14 (surr)				%	90.2	54	127			

LCSSD **Sample ID: WG543666LCSSD** **PCN/SCN: OPMBNA220523-** **Analyzed: 06/09/22 12:56**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
2-METHYLNAPHTHALENE	50035		1226.8	ug/Kg	74.0	38	122	1	20	
ACENAPHTHENE	50040		1287.4	ug/Kg	77.0	40	123	1	20	
ACENAPHTHYLENE	50015		1276.9	ug/Kg	77.0	32	132	0	20	
ANTHRACENE	50060		1448	ug/Kg	87.0	47	123	4	20	
BENZO(A)PYRENE	50045		1450.7	ug/Kg	87.0	45	129	2	20	
BENZO(B)FLUORANTHENE	50010		1477.3	ug/Kg	89.0	45	132	2	20	
BENZO(G,H,I)PERYLENE	50000		1409.7	ug/Kg	85.0	43	134	3	20	
BENZO(K)FLUORANTHENE	50020		1361.3	ug/Kg	82.0	47	132	4	20	
CHRYSENE	50035		1444.2	ug/Kg	87.0	50	124	1	20	
DIBENZO(A,H)ANTHRACENE	50085		1427.9	ug/Kg	86.0	50	124	3	20	
FLUORANTHENE	50060		1446.3	ug/Kg	87.0	50	127	2	20	
FLUORENE	50045		1373.4	ug/Kg	83.0	43	125	1	20	
INDENO(1,2,3-CD)PYRENE	50010		1410.4	ug/Kg	85.0	45	133	3	20	
NAPHTHALENE	50015		1207.9	ug/Kg	73.0	36	120	1	20	
PHENANTHRENE	50055		1417.4	ug/Kg	85.0	50	121	2	20	
PYRENE	50055		1531.9	ug/Kg	92.0	47	127	1	20	

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

2,4,6-TRIBROMOPHENOL (surr)	%	85.7	39	132
2-FLUOROBIPHENYL (surr)	%	71.6	44	115
2-FLUOROPHENOL (surr)	%	69.8	35	115
NITROBENZENE-D5 (surr)	%	64.0	37	122
PHENOL-D6 (surr)	%	71.9	70	130
TERPHENYL-D14 (surr)	%	87.4	54	127

PBS **Sample ID: WG543666PBS** **Analyzed: 06/09/22 11:48**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
2-METHYLNAPHTHALENE			U	ug/Kg		-332	332			
ACENAPHTHENE			U	ug/Kg		-332	332			
ACENAPHTHYLENE			U	ug/Kg		-332	332			
ANTHRACENE			U	ug/Kg		-332	332			
BENZO(A)ANTHRACENE			U	ug/Kg		-332	332			
BENZO(A)PYRENE			U	ug/Kg		-332	332			
BENZO(B)FLUORANTHENE			U	ug/Kg		-332	332			
BENZO(G,H,I)PERYLENE			U	ug/Kg		-332	332			
BENZO(K)FLUORANTHENE			U	ug/Kg		-332	332			
CHRYSENE			U	ug/Kg		-332	332			
DIBENZO(A,H)ANTHRACENE			U	ug/Kg		-332	332			
FLUORANTHENE			U	ug/Kg		-332	332			
FLUORENE			U	ug/Kg		-332	332			
INDENO(1,2,3-CD)PYRENE			U	ug/Kg		-332	332			
NAPHTHALENE			U	ug/Kg		-332	332			
PHENANTHRENE			U	ug/Kg		-332	332			
PYRENE			U	ug/Kg		-332	332			
2,4,6-TRIBROMOPHENOL (surr)				%	84.9	39	132			
2-FLUOROBIPHENYL (surr)				%	79.3	44	115			
2-FLUOROPHENOL (surr)				%	73.9	35	115			
NITROBENZENE-D5 (surr)				%	66.0	37	122			
PHENOL-D6 (surr)				%	75.4	70	130			
TERPHENYL-D14 (surr)				%	100.4	54	127			

Baggs Testing and Rental, Inc.

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Volatile Organics by GC/MS M8260C/D GC/MS

WG543667

DUP **Sample ID: L73601-02DUP** **Analyzed: 06/06/22 15:58**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
1,1,1,2-TETRACHLOROETHANE		U	U	ug/L				0	20	RA
1,1,1-TRICHLOROETHANE		U	U	ug/L				0	20	RA
1,1,2,2-TETRACHLOROETHANE		U	U	ug/L				0	20	RA
1,1,2-TRICHLOROETHANE		U	U	ug/L				0	20	RA
1,1-DICHLOROETHANE		U	U	ug/L				0	20	RA
1,1-DICHLOROETHENE		U	U	ug/L				0	20	RA
1,1-DICHLOROPROPENE		U	U	ug/L				0	20	RA
1,2,3-TRICHLOROBENZENE		U	U	ug/L				0	20	RA
1,2,3-TRICHLOROPROPANE		U	U	ug/L				0	20	RA
1,2,4-TRICHLOROBENZENE		U	U	ug/L				0	20	RA
1,2,4-TRIMETHYLBENZENE		U	U	ug/L				0	20	RA
1,2-DIBROMO-3-CHLOROPROPANE		U	U	ug/L				0	20	RA
1,2-DIBROMOETHANE		U	U	ug/L				0	20	RA
1,2-DICHLOROBENZENE		U	U	ug/L				0	20	RA
1,2-DICHLOROETHANE		U	U	ug/L				0	20	RA
1,2-DICHLOROPROPANE		U	U	ug/L				0	20	RA
1,3,5-TRIMETHYLBENZENE		U	U	ug/L				0	20	RA
1,3-DICHLOROBENZENE		U	U	ug/L				0	20	RA
1,3-DICHLOROPROPANE		U	U	ug/L				0	20	RA
1,4-DICHLOROBENZENE		U	U	ug/L				0	20	RA
2,2-DICHLOROPROPANE		U	U	ug/L				0	20	RA
2-BUTANONE		U	U	ug/L				0	20	RA
2-CHLOROETHYL VINYL ETHER		U	U	ug/L				0	20	RA
2-CHLOROTOLUENE		U	U	ug/L				0	20	RA
2-HEXANONE		U	U	ug/L				0	20	RA
4-CHLOROTOLUENE		U	U	ug/L				0	20	RA
4-ISOPROPYLTOLUENE		U	U	ug/L				0	20	RA
4-METHYL-2-PENTANONE		U	U	ug/L				0	20	RA
ACETONE		U	U	ug/L				0	20	RA
ACRYLONITRILE		U	U	ug/L				0	20	RA
BENZENE		U	U	ug/L				0	20	RA
BROMOBENZENE		U	U	ug/L				0	20	RA
BROMOCHLOROMETHANE		U	U	ug/L				0	20	RA
BROMODICHLOROMETHANE		U	U	ug/L				0	20	RA
BROMOFORM		U	U	ug/L				0	20	RA
BROMOMETHANE		U	U	ug/L				0	20	RA
CARBON DISULFIDE		U	U	ug/L				0	20	RA
CARBON TETRACHLORIDE		U	U	ug/L				0	20	RA
CHLOROBENZENE		U	U	ug/L				0	20	RA
CHLOROETHANE		U	U	ug/L				0	20	RA
CHLOROFORM		U	U	ug/L				0	20	RA
CHLOROMETHANE		U	U	ug/L				0	20	RA
CIS-1,2-DICHLOROETHENE		U	U	ug/L				0	20	RA

Baggs Testing and Rental, Inc. ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

CIS-1,3-DICHLOROPROPENE	U	U	ug/L				0	20	RA
DIBROMOCHLOROMETHANE	U	U	ug/L				0	20	RA
DIBROMOMETHANE	U	U	ug/L				0	20	RA
DICHLORODIFLUOROMETHANE	U	U	ug/L				0	20	RA
ETHYLBENZENE	U	U	ug/L				0	20	RA
HEXACHLOROBUTADIENE	U	U	ug/L				0	20	RA
ISOPROPYLBENZENE	U	U	ug/L				0	20	RA
M P XYLENE	U	U	ug/L				0	20	RA
METHYL TERT BUTYL ETHER	U	U	ug/L				0	20	RA
METHYLENE CHLORIDE	U	U	ug/L				0	20	RA
NAPHTHALENE	U	U	ug/L				0	20	RA
N-BUTYLBENZENE	U	U	ug/L				0	20	RA
N-PROPYLBENZENE	U	U	ug/L				0	20	RA
O XYLENE	U	U	ug/L				0	20	RA
SEC-BUTYLBENZENE	U	U	ug/L				0	20	RA
STYRENE	U	U	ug/L				0	20	RA
TERT-BUTYLBENZENE	U	U	ug/L				0	20	RA
TETRACHLOROETHENE	U	U	ug/L				0	20	RA
TOLUENE	U	U	ug/L				0	20	RA
TRANS-1,2-DICHLOROETHENE	U	U	ug/L				0	20	RA
TRANS-1,3-DICHLOROPROPENE	U	U	ug/L				0	20	RA
TRICHLOROETHENE	U	U	ug/L				0	20	RA
TRICHLOROFLUOROMETHANE	U	U	ug/L				0	20	RA
VINYL ACETATE	U	U	ug/L				0	20	RA
VINYL CHLORIDE	U	U	ug/L				0	20	RA
BROMOFLUOROBENZENE (surr)			%	97.5	70	130			
DIBROMOFLUOROMETHANE (surr)			%	101.1	70	130			
TOLUENE-D8 (surr)			%	99.5	70	130			

MS **Sample ID: L73647-08MS** **PCN/SCN: V220601-1-CCV** **Analyzed: 06/06/22 21:17**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
2-CHLOROETHYL VINYL ETHER	100.7	U	100.4	ug/L	100.0	70	130			
1,1,1,2-TETRACHLOROETHANE	100.3	U	96.3	ug/Kg	96.0	70	130			
1,1,1-TRICHLOROETHANE	100	U	102	ug/Kg	102.0	70	130			
1,1,2,2-TETRACHLOROETHANE	100.1	U	98	ug/Kg	98.0	70	130			
1,1,2-TRICHLOROETHANE	100.1	U	98.1	ug/Kg	98.0	70	130			
1,1-DICHLOROETHANE	99.9	U	99.4	ug/Kg	99.0	70	130			
1,1-DICHLOROETHENE	100.1	U	102.2	ug/Kg	102.0	70	130			
1,1-DICHLOROPROPENE	100.2	U	102.6	ug/Kg	102.0	70	130			
1,2,3-TRICHLOROBENZENE	100.1	U	74.6	ug/Kg	75.0	70	130			
1,2,3-TRICHLOROPROPANE	100.2	U	97.7	ug/Kg	98.0	70	130			
1,2,4-TRICHLOROBENZENE	100.2	U	77.1	ug/Kg	77.0	70	130			
1,2,4-TRIMETHYLBENZENE	100.2	U	92.3	ug/Kg	92.0	70	130			
1,2-DIBROMO-3-CHLOROPROPANE	100	U	95.6	ug/Kg	96.0	70	130			
1,2-DIBROMOETHANE	100	U	97.9	ug/Kg	98.0	70	130			
1,2-DICHLOROBENZENE	100.3	U	90.8	ug/Kg	91.0	70	130			
1,2-DICHLOROETHANE	100.1	U	99.8	ug/Kg	100.0	70	130			
1,2-DICHLOROPROPANE	99.8	U	98.3	ug/Kg	99.0	70	130			

Baggs Testing and Rental, Inc.

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

1,3,5-TRIMETHYLBENZENE	100	U	93.2	ug/Kg	93.0	70	130
1,3-DICHLOROBENZENE	100.4	U	91.1	ug/Kg	91.0	70	130
1,3-DICHLOROPROPANE	100.2	U	97.5	ug/Kg	97.0	70	130
1,4-DICHLOROBENZENE	101.5	U	91.1	ug/Kg	90.0	70	130
2,2-DICHLOROPROPANE	99.6	U	95.5	ug/Kg	96.0	70	130
2-BUTANONE	199.7	U	191	ug/Kg	96.0	70	130
2-CHLOROTOLUENE	100.7	U	94.3	ug/Kg	94.0	70	130
2-HEXANONE	200.6	U	182	ug/Kg	91.0	70	130
4-CHLOROTOLUENE	100.8	U	94	ug/Kg	93.0	70	130
4-ISOPROPYLTOLUENE	100.1	U	89.2	ug/Kg	89.0	70	130
4-METHYL-2-PENTANONE	198.8	U	201	ug/Kg	101.0	70	130
ACETONE	198.6	U	193	ug/Kg	97.0	70	130
ACRYLONITRILE	100	U	97.8	ug/Kg	98.0	70	130
BENZENE	100.2	U	100.1	ug/Kg	100.0	70	130
BROMOBENZENE	100	U	95.9	ug/Kg	96.0	70	130
BROMOCHLOROMETHANE	100.4	U	99.1	ug/Kg	99.0	70	130
BROMODICHLOROMETHANE	100.1	U	98.8	ug/Kg	99.0	70	130
BROMOFORM	100	U	97.7	ug/Kg	98.0	70	130
BROMOMETHANE	101.1	U	98.2	ug/Kg	97.0	70	130
CARBON DISULFIDE	100.4	U	95.5	ug/Kg	95.0	70	130
CARBON TETRACHLORIDE	100.3	U	104	ug/Kg	104.0	70	130
CHLOROBENZENE	100.4	U	96.5	ug/Kg	96.0	70	130
CHLOROETHANE	100	U	100.3	ug/Kg	100.0	70	130
CHLOROFORM	100.2	U	99.3	ug/Kg	99.0	70	130
CHLOROMETHANE	101.9	U	103.4	ug/Kg	101.0	70	130
CIS-1,2-DICHLOROETHENE	100.2	U	98.5	ug/Kg	98.0	70	130
CIS-1,3-DICHLOROPROPENE	100	U	96.4	ug/Kg	96.0	70	130
DIBROMOCHLOROMETHANE	99.8	U	98.3	ug/Kg	98.0	70	130
DIBROMOMETHANE	100.6	U	98.5	ug/Kg	98.0	70	130
DICHLORODIFLUOROMETHANE	98	U	98.8	ug/Kg	101.0	70	130
ETHYLBENZENE	100.1	U	96.8	ug/Kg	97.0	70	130
HEXACHLOROBUTADIENE	101	U	71.5	ug/Kg	71.0	70	130
ISOPROPYLBENZENE	99.9	U	95.3	ug/Kg	95.0	70	130
M P XYLENE	200.3	U	194	ug/Kg	97.0	70	130
METHYL TERT BUTYL ETHER	100.1	U	97.1	ug/Kg	97.0	70	130
METHYLENE CHLORIDE	100.5	U	98.9	ug/Kg	98.0	70	130
NAPHTHALENE	100	U	83.1	ug/Kg	83.0	70	130
N-BUTYLBENZENE	100	U	87.8	ug/Kg	88.0	70	130
N-PROPYLBENZENE	99.9	U	94.9	ug/Kg	95.0	70	130
O XYLENE	100.1	U	96.5	ug/Kg	96.0	70	130
SEC-BUTYLBENZENE	100.5	U	91.2	ug/Kg	91.0	70	130
STYRENE	100.1	U	96.5	ug/Kg	96.0	70	130
TERT-BUTYLBENZENE	100	U	93	ug/Kg	93.0	70	130
TETRACHLOROETHENE	100.2	U	97.2	ug/Kg	97.0	70	130
TOLUENE	100.1	U	97.9	ug/Kg	98.0	70	130
TRANS-1,2-DICHLOROETHENE	100.2	U	99.7	ug/Kg	100.0	70	130
TRANS-1,3-DICHLOROPROPENE	100.2	U	96.7	ug/Kg	97.0	70	130
TRICHLOROETHENE	99.9	U	99.4	ug/Kg	99.0	70	130

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

TRICHLOROFLUOROMETHANE	100.5	U	104.8	ug/Kg	104.0	70	130		
VINYL ACETATE	100.5	U	10.3	ug/Kg	10.0	70	130		M2
VINYL CHLORIDE	98.2	U	108.2	ug/Kg	110.0	70	130		
BROMOFLUOROBENZENE (surr)				%	99.4	70	130		
DIBROMOFLUOROMETHANE (surr)				%	101.7	70	130		
TOLUENE-D8 (surr)				%	100.1	70	130		

LCSS **Sample ID: WG543667LCSS** **PCN/SCN: V220601-1-CCV** **Analyzed: 06/06/22 13:46**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
1,1,1,2-TETRACHLOROETHANE	100.3		101.6	ug/Kg	101.0	70	130			
1,1,1-TRICHLOROETHANE	100		105	ug/Kg	105.0	70	130			
1,1,2,2-TETRACHLOROETHANE	100.1		104	ug/Kg	104.0	70	130			
1,1,2-TRICHLOROETHANE	100.1		100.8	ug/Kg	101.0	70	130			
1,1-DICHLOROETHANE	99.9		103.3	ug/Kg	103.0	70	130			
1,1-DICHLOROETHENE	100.1		105.2	ug/Kg	105.0	70	130			
1,1-DICHLOROPROPENE	100.2		106.3	ug/Kg	106.0	70	130			
1,2,3-TRICHLOROBENZENE	100.1		99.3	ug/Kg	99.0	70	130			
1,2,3-TRICHLOROPROPANE	100.2		102.7	ug/Kg	102.0	70	130			
1,2,4-TRICHLOROBENZENE	100.2		100	ug/Kg	100.0	70	130			
1,2,4-TRIMETHYLBENZENE	100.2		102.6	ug/Kg	102.0	70	130			
1,2-DIBROMO-3-CHLOROPROPANE	100		104.4	ug/Kg	104.0	70	130			
1,2-DIBROMOETHANE	100		100.5	ug/Kg	101.0	70	130			
1,2-DICHLOROBENZENE	100.3		100.8	ug/Kg	100.0	70	130			
1,2-DICHLOROETHANE	100.1		102.9	ug/Kg	103.0	70	130			
1,2-DICHLOROPROPANE	99.8		101.2	ug/Kg	101.0	70	130			
1,3,5-TRIMETHYLBENZENE	100		103.7	ug/Kg	104.0	70	130			
1,3-DICHLOROBENZENE	100.4		100.5	ug/Kg	100.0	70	130			
1,3-DICHLOROPROPANE	100.2		99.3	ug/Kg	99.0	70	130			
1,4-DICHLOROBENZENE	101.5		99.9	ug/Kg	98.0	70	130			
2,2-DICHLOROPROPANE	99.6		105.4	ug/Kg	106.0	70	130			
2-BUTANONE	199.7		211	ug/Kg	106.0	70	130			
2-CHLOROETHYL VINYL ETHER	100.7		102.4	ug/Kg	102.0	70	130			
2-CHLOROTOLUENE	100.7		102.3	ug/Kg	102.0	70	130			
2-HEXANONE	200.6		205	ug/Kg	102.0	70	130			
4-CHLOROTOLUENE	100.8		102.1	ug/Kg	101.0	70	130			
4-ISOPROPYLTOLUENE	100.1		104.8	ug/Kg	105.0	70	130			
4-METHYL-2-PENTANONE	198.8		211	ug/Kg	106.0	70	130			
ACETONE	198.6		210	ug/Kg	106.0	70	130			
ACRYLONITRILE	100		105.7	ug/Kg	106.0	70	130			
BENZENE	100.2		103.5	ug/Kg	103.0	70	130			
BROMOBENZENE	100		101.2	ug/Kg	101.0	70	130			
BROMOCHLOROMETHANE	100.4		102.8	ug/Kg	102.0	70	130			
BROMODICHLOROMETHANE	100.1		102.6	ug/Kg	103.0	70	130			
BROMOFORM	100		103	ug/Kg	103.0	70	130			
BROMOMETHANE	101.1		104	ug/Kg	103.0	70	130			
CARBON DISULFIDE	100.4		103.6	ug/Kg	103.0	70	130			
CARBON TETRACHLORIDE	100.3		107	ug/Kg	107.0	70	130			
CHLOROBENZENE	100.4		100.3	ug/Kg	100.0	70	130			

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NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

CHLOROETHANE	100	103.1	ug/Kg	103.0	70	130
CHLOROFORM	100.2	102.8	ug/Kg	103.0	70	130
CHLOROMETHANE	101.9	105.8	ug/Kg	104.0	70	130
CIS-1,2-DICHLOROETHENE	100.2	103.9	ug/Kg	104.0	70	130
CIS-1,3-DICHLOROPROPENE	100	101.7	ug/Kg	102.0	70	130
DIBROMOCHLOROMETHANE	99.8	101.6	ug/Kg	102.0	70	130
DIBROMOMETHANE	100.6	102.1	ug/Kg	101.0	70	130
DICHLORODIFLUOROMETHANE	98	101.9	ug/Kg	104.0	70	130
ETHYLBENZENE	100.1	101.6	ug/Kg	101.0	70	130
HEXACHLOROBUTADIENE	101	106.7	ug/Kg	106.0	70	130
ISOPROPYLBENZENE	99.9	102.8	ug/Kg	103.0	70	130
M P XYLENE	200.3	203	ug/Kg	101.0	70	130
METHYL TERT BUTYL ETHER	100.1	101.9	ug/Kg	102.0	70	130
METHYLENE CHLORIDE	100.5	101.5	ug/Kg	101.0	70	130
NAPHTHALENE	100	97.9	ug/Kg	98.0	70	130
N-BUTYLBENZENE	100	106.2	ug/Kg	106.0	70	130
N-PROPYLBENZENE	99.9	105.1	ug/Kg	105.0	70	130
O XYLENE	100.1	101.2	ug/Kg	101.0	70	130
SEC-BUTYLBENZENE	100.5	106.3	ug/Kg	106.0	70	130
STYRENE	100.1	101	ug/Kg	101.0	70	130
TERT-BUTYLBENZENE	100	105.1	ug/Kg	105.0	70	130
TETRACHLOROETHENE	100.2	103.3	ug/Kg	103.0	70	130
TOLUENE	100.1	101.6	ug/Kg	101.0	70	130
TRANS-1,2-DICHLOROETHENE	100.2	104.1	ug/Kg	104.0	70	130
TRANS-1,3-DICHLOROPROPENE	100.2	101	ug/Kg	101.0	70	130
TRICHLOROETHENE	99.9	102.9	ug/Kg	103.0	70	130
TRICHLOROFLUOROMETHANE	100.5	106.7	ug/Kg	106.0	70	130
VINYL ACETATE	100.5	102.4	ug/Kg	102.0	70	130
VINYL CHLORIDE	98.2	109	ug/Kg	111.0	70	130
BROMOFLUOROBENZENE (surr)			%	99.3	70	130
DIBROMOFLUOROMETHANE (surr)			%	102.7	70	130
TOLUENE-D8 (surr)			%	99.0	70	130

LCSSD **Sample ID: WG543667LCSSD** **PCN/SCN: V220601-1-CCV** **Analyzed: 06/06/22 14:12**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
1,1,1,2-TETRACHLOROETHANE	100.3		104.2	ug/Kg	104.0	70	130	3	20	
1,1,1-TRICHLOROETHANE	100		106	ug/Kg	106.0	70	130	1	20	
1,1,2,2-TETRACHLOROETHANE	100.1		104.7	ug/Kg	105.0	70	130	1	20	
1,1,2-TRICHLOROETHANE	100.1		103	ug/Kg	103.0	70	130	2	20	
1,1-DICHLOROETHANE	99.9		105.5	ug/Kg	106.0	70	130	2	20	
1,1-DICHLOROETHENE	100.1		107.5	ug/Kg	107.0	70	130	2	20	
1,1-DICHLOROPROPENE	100.2		107.7	ug/Kg	107.0	70	130	1	20	
1,2,3-TRICHLOROBENZENE	100.1		102.9	ug/Kg	103.0	70	130	4	20	
1,2,3-TRICHLOROPROPANE	100.2		105.3	ug/Kg	105.0	70	130	2	20	
1,2,4-TRICHLOROBENZENE	100.2		103.1	ug/Kg	103.0	70	130	3	20	
1,2,4-TRIMETHYLBENZENE	100.2		104.2	ug/Kg	104.0	70	130	2	20	
1,2-DIBROMO-3-CHLOROPROPANE	100		107.1	ug/Kg	107.0	70	130	3	20	
1,2-DIBROMOETHANE	100		102.9	ug/Kg	103.0	70	130	2	20	

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

1,2-DICHLOROBENZENE	100.3	102.2	ug/Kg	102.0	70	130	1	20
1,2-DICHLOROETHANE	100.1	103.1	ug/Kg	103.0	70	130	0	20
1,2-DICHLOROPROPANE	99.8	103.2	ug/Kg	103.0	70	130	2	20
1,3,5-TRIMETHYLBENZENE	100	104.5	ug/Kg	105.0	70	130	1	20
1,3-DICHLOROBENZENE	100.4	102.5	ug/Kg	102.0	70	130	2	20
1,3-DICHLOROPROPANE	100.2	102.1	ug/Kg	102.0	70	130	3	20
1,4-DICHLOROBENZENE	101.5	101.8	ug/Kg	100.0	70	130	2	20
2,2-DICHLOROPROPANE	99.6	106.4	ug/Kg	107.0	70	130	1	20
2-BUTANONE	199.7	213	ug/Kg	107.0	70	130	1	20
2-CHLOROETHYL VINYL ETHER	100.7	104.8	ug/Kg	104.0	70	130	2	20
2-CHLOROTOLUENE	100.7	103.5	ug/Kg	103.0	70	130	1	20
2-HEXANONE	200.6	213	ug/Kg	106.0	70	130	4	20
4-CHLOROTOLUENE	100.8	103	ug/Kg	102.0	70	130	1	20
4-ISOPROPYLTOLUENE	100.1	105.5	ug/Kg	105.0	70	130	1	20
4-METHYL-2-PENTANONE	198.8	217	ug/Kg	109.0	70	130	3	20
ACETONE	198.6	212	ug/Kg	107.0	70	130	1	20
ACRYLONITRILE	100	108.3	ug/Kg	108.0	70	130	2	20
BENZENE	100.2	104.9	ug/Kg	105.0	70	130	1	20
BROMOBENZENE	100	102.6	ug/Kg	103.0	70	130	1	20
BROMOCHLOROMETHANE	100.4	105	ug/Kg	105.0	70	130	2	20
BROMODICHLOROMETHANE	100.1	103.5	ug/Kg	103.0	70	130	1	20
BROMOFORM	100	105.7	ug/Kg	106.0	70	130	3	20
BROMOMETHANE	101.1	104.6	ug/Kg	103.0	70	130	1	20
CARBON DISULFIDE	100.4	106.7	ug/Kg	106.0	70	130	3	20
CARBON TETRACHLORIDE	100.3	109	ug/Kg	109.0	70	130	2	20
CHLOROBENZENE	100.4	102.4	ug/Kg	102.0	70	130	2	20
CHLOROETHANE	100	105.8	ug/Kg	106.0	70	130	3	20
CHLOROFORM	100.2	104.8	ug/Kg	105.0	70	130	2	20
CHLOROMETHANE	101.9	98.4	ug/Kg	97.0	70	130	7	20
CIS-1,2-DICHLOROETHENE	100.2	105.1	ug/Kg	105.0	70	130	1	20
CIS-1,3-DICHLOROPROPENE	100	103.2	ug/Kg	103.0	70	130	1	20
DIBROMOCHLOROMETHANE	99.8	104.7	ug/Kg	105.0	70	130	3	20
DIBROMOMETHANE	100.6	103.4	ug/Kg	103.0	70	130	1	20
DICHLORODIFLUOROMETHANE	98	104.7	ug/Kg	107.0	70	130	3	20
ETHYLBENZENE	100.1	103.7	ug/Kg	104.0	70	130	2	20
HEXACHLOROBUTADIENE	101	107.6	ug/Kg	107.0	70	130	1	20
ISOPROPYLBENZENE	99.9	104.7	ug/Kg	105.0	70	130	2	20
M P XYLENE	200.3	208	ug/Kg	104.0	70	130	2	20
METHYL TERT BUTYL ETHER	100.1	104.9	ug/Kg	105.0	70	130	3	20
METHYLENE CHLORIDE	100.5	103.8	ug/Kg	103.0	70	130	2	20
NAPHTHALENE	100	105.3	ug/Kg	105.0	70	130	7	20
N-BUTYLBENZENE	100	106.2	ug/Kg	106.0	70	130	0	20
N-PROPYLBENZENE	99.9	105.3	ug/Kg	105.0	70	130	0	20
O XYLENE	100.1	103.7	ug/Kg	104.0	70	130	2	20
SEC-BUTYLBENZENE	100.5	106.2	ug/Kg	106.0	70	130	0	20
STYRENE	100.1	103.8	ug/Kg	104.0	70	130	3	20
TERT-BUTYLBENZENE	100	106.2	ug/Kg	106.0	70	130	1	20
TETRACHLOROETHENE	100.2	104.3	ug/Kg	104.0	70	130	1	20

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

TOLUENE	100.1	103.8	ug/Kg	104.0	70	130	2	20
TRANS-1,2-DICHLOROETHENE	100.2	106	ug/Kg	106.0	70	130	2	20
TRANS-1,3-DICHLOROPROPENE	100.2	103.9	ug/Kg	104.0	70	130	3	20
TRICHLOROETHENE	99.9	104.5	ug/Kg	105.0	70	130	2	20
TRICHLOROFLUOROMETHANE	100.5	108.6	ug/Kg	108.0	70	130	2	20
VINYL ACETATE	100.5	102.2	ug/Kg	102.0	70	130	0	20
VINYL CHLORIDE	98.2	102.2	ug/Kg	104.0	70	130	6	20
BROMOFLUOROBENZENE (surr)			%	100.0	70	130		
DIBROMOFLUOROMETHANE (surr)			%	101.6	70	130		
TOLUENE-D8 (surr)			%	99.6	70	130		

PBS **Sample ID: WG543667PBS** **Analyzed: 06/06/22 15:05**

Compound	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
1,1,1,2-TETRACHLOROETHANE			U	ug/Kg		-10	10			
1,1,1-TRICHLOROETHANE			U	ug/Kg		-25	25			
1,1,2,2-TETRACHLOROETHANE			U	ug/Kg		-10	10			
1,1,2-TRICHLOROETHANE			U	ug/Kg		-10	10			
1,1-DICHLOROETHANE			U	ug/Kg		-10	10			
1,1-DICHLOROETHENE			U	ug/Kg		-10	10			
1,1-DICHLOROPROPENE			U	ug/Kg		-10	10			
1,2,3-TRICHLOROBENZENE			U	ug/Kg		-10	10			
1,2,3-TRICHLOROPROPANE			U	ug/Kg		-10	10			
1,2,4-TRICHLOROBENZENE			U	ug/Kg		-10	10			
1,2,4-TRIMETHYLBENZENE			U	ug/Kg		-10	10			
1,2-DIBROMO-3-CHLOROPROPANE			U	ug/Kg		-10	10			
1,2-DIBROMOETHANE			U	ug/Kg		-10	10			
1,2-DICHLOROBENZENE			U	ug/Kg		-10	10			
1,2-DICHLOROETHANE			U	ug/Kg		-10	10			
1,2-DICHLOROPROPANE			U	ug/Kg		-10	10			
1,3,5-TRIMETHYLBENZENE			U	ug/Kg		-10	10			
1,3-DICHLOROBENZENE			U	ug/Kg		-10	10			
1,3-DICHLOROPROPANE			U	ug/Kg		-10	10			
1,4-DICHLOROBENZENE			U	ug/Kg		-10	10			
2,2-DICHLOROPROPANE			U	ug/Kg		-10	10			
2-BUTANONE			U	ug/Kg		-25	25			
2-CHLOROETHYL VINYL ETHER			U	ug/Kg		-25	25			
2-CHLOROTOLUENE			U	ug/Kg		-10	10			
2-HEXANONE			U	ug/Kg		-25	25			
4-CHLOROTOLUENE			U	ug/Kg		-10	10			
4-ISOPROPYLTOLUENE			U	ug/Kg		-10	10			
4-METHYL-2-PENTANONE			U	ug/Kg		-50	50			
ACETONE			U	ug/Kg		-25	25			
ACRYLONITRILE			U	ug/Kg		-10	10			
BENZENE			U	ug/Kg		-10	10			
BROMOBENZENE			U	ug/Kg		-10	10			
BROMOCHLOROMETHANE			U	ug/Kg		-10	10			
BROMODICHLOROMETHANE			U	ug/Kg		-10	10			
BROMOFORM			U	ug/Kg		-10	10			

Baggs Testing and Rental, Inc.

ACZ Project ID: ***L73601***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

BROMOMETHANE	U	ug/Kg		-10	10
CARBON DISULFIDE	U	ug/Kg		-10	10
CARBON TETRACHLORIDE	U	ug/Kg		-25	25
CHLOROBENZENE	U	ug/Kg		-10	10
CHLOROETHANE	U	ug/Kg		-10	10
CHLOROFORM	U	ug/Kg		-10	10
CHLOROMETHANE	U	ug/Kg		-10	10
CIS-1,2-DICHLOROETHENE	U	ug/Kg		-10	10
CIS-1,3-DICHLOROPROPENE	U	ug/Kg		-10	10
DIBROMOCHLOROMETHANE	U	ug/Kg		-10	10
DIBROMOMETHANE	U	ug/Kg		-10	10
DICHLORODIFLUOROMETHANE	U	ug/Kg		-15	15
ETHYLBENZENE	U	ug/Kg		-10	10
HEXACHLOROBUTADIENE	U	ug/Kg		-10	10
ISOPROPYLBENZENE	U	ug/Kg		-10	10
M P XYLENE	U	ug/Kg		-25	25
METHYL TERT BUTYL ETHER	U	ug/Kg		-10	10
METHYLENE CHLORIDE	U	ug/Kg		-10	10
NAPHTHALENE	U	ug/Kg		-10	10
N-BUTYLBENZENE	U	ug/Kg		-10	10
N-PROPYLBENZENE	U	ug/Kg		-10	10
O XYLENE	U	ug/Kg		-10	10
SEC-BUTYLBENZENE	U	ug/Kg		-10	10
STYRENE	U	ug/Kg		-10	10
TERT-BUTYLBENZENE	U	ug/Kg		-10	10
TETRACHLOROETHENE	U	ug/Kg		-10	10
TOLUENE	U	ug/Kg		-10	10
TRANS-1,2-DICHLOROETHENE	U	ug/Kg		-10	10
TRANS-1,3-DICHLOROPROPENE	U	ug/Kg		-10	10
TRICHLOROETHENE	U	ug/Kg		-15	15
TRICHLOROFLUOROMETHANE	U	ug/Kg		-10	10
VINYL ACETATE	U	ug/Kg		-10	10
VINYL CHLORIDE	U	ug/Kg		-10	10
BROMOFLUOROBENZENE (surr)		%	98.6	70	130
DIBROMOFLUOROMETHANE (surr)		%	97.6	70	130
TOLUENE-D8 (surr)		%	99.0	70	130

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L73601-02	WG544020	*All Compounds*	M8015D GC/FID	Q6	Sample was received above recommended temperature.
	WG543975		M8015D GC/FID	Q6	Sample was received above recommended temperature.
		TVH C6 to C10	M8015D GC/FID	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8015D GC/FID	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
	WG544079	*All Compounds*	M8270D/E GC/MS	Q6	Sample was received above recommended temperature.
		2-Methylnaphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(b)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(g,h,i)perylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(k)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Chrysene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Dibenzo(a,h)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluorene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Indeno(1,2,3-cd)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Naphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Phenanthrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
	WG543667	*All Compounds*	M8260C/D GC/MS	Q6	Sample was received above recommended temperature.
		1,1,1,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,1-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,2,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,2-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromo-3-chloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromoethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3,5-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,4-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Butanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chloroethyl vinyl ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Hexanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Isopropyltoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Methyl-2-Pentanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acetone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acrylonitrile	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Benzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromodichloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromoform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Carbon Disulfide	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Carbon Tetrachloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		cis-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		cis-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dichlorodifluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Ethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Hexachlorobutadiene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Isopropylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		m p Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methyl Tert Butyl Ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methylene Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Naphthalene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Propylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		o Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		sec-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Styrene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		tert-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Tetrachloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Toluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Trichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Trichlorofluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Acetate	M8260C/D GC/MS	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
L73601-03	WG544020	*All Compounds*	M8015D GC/FID	Q6	Sample was received above recommended temperature.
	WG543975		M8015D GC/FID	Q6	Sample was received above recommended temperature.
		TVH C6 to C10	M8015D GC/FID	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8015D GC/FID	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
	WG544079	*All Compounds*	M8270D/E GC/MS	Q6	Sample was received above recommended temperature.
		2-Methylnaphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		Benzo(b)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(g,h,i)perylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(k)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Chrysene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Dibenzo(a,h)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluorene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Indeno(1,2,3-cd)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Naphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Phenanthrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
	WG543667	*All Compounds*	M8260C/D GC/MS	Q6	Sample was received above recommended temperature.
		1,1,1,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,1-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,2,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,2-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromo-3-chloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromoethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3,5-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,4-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Butanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chloroethyl vinyl ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Hexanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Isopropyltoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Methyl-2-Pentanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acetone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acrylonitrile	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Benzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromodichloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromoform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Carbon Disulfide	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Carbon Tetrachloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		cis-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		cis-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dichlorodifluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Ethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Hexachlorobutadiene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Isopropylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		m p Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methyl Tert Butyl Ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methylene Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Naphthalene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Propylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		o Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		sec-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Styrene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		tert-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Tetrachloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Toluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Trichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Trichlorofluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Acetate	M8260C/D GC/MS	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
L73601-05	WG544020	*All Compounds*	M8015D GC/FID	Q6	Sample was received above recommended temperature.
		TPH C10 to C36	M8015D GC/FID	DK	Sample mass used for extraction decreased due to high moisture content.
	WG543975	*All Compounds*	M8015D GC/FID	Q6	Sample was received above recommended temperature.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		TVH C6 to C10	M8015D GC/FID	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8015D GC/FID	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
	WG544079	*All Compounds*	M8270D/E GC/MS	Q6	Sample was received above recommended temperature.
		2-Methylnaphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(b)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(g,h,i)perylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(k)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Chrysene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Dibenzo(a,h)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluorene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Indeno(1,2,3-cd)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		Naphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Phenanthrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
	WG543667	*All Compounds*	M8260C/D GC/MS	Q6	Sample was received above recommended temperature.
		1,1,1,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,1-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,2,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,2-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromo-3-chloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromoethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3,5-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,4-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					does not have a closed-system purge and trap as described in method 5035.
		2,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Butanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chloroethyl vinyl ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Hexanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Isopropyltoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Methyl-2-Pentanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acetone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acrylonitrile	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Benzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					does not have a closed-system purge and trap as described in method 5035.
		Bromobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromodichloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromoform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Carbon Disulfide	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Carbon Tetrachloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					does not have a closed-system purge and trap as described in method 5035.
		cis-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		cis-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dichlorodifluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Ethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Hexachlorobutadiene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Isopropylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		m p Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methyl Tert Butyl Ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methylene Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					does not have a closed-system purge and trap as described in method 5035.
		Naphthalene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Propylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		o Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		sec-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Styrene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		tert-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Tetrachloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Toluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					does not have a closed-system purge and trap as described in method 5035.
		Trichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Trichlorofluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Acetate	M8260C/D GC/MS	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
L73601-06	WG544020	*All Compounds*	M8015D GC/FID	Q6	Sample was received above recommended temperature.
		TPH C10 to C36	M8015D GC/FID	DK	Sample mass used for extraction decreased due to high moisture content.
	WG543975	*All Compounds*	M8015D GC/FID	Q6	Sample was received above recommended temperature.
		TVH C6 to C10	M8015D GC/FID	N1	See Case Narrative.
			M8015D GC/FID	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8015D GC/FID	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
	WG544079	*All Compounds*	M8270D/E GC/MS	Q6	Sample was received above recommended temperature.
		2-Methylnaphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Acenaphthylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(a)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
					See Case Narrative.
		Benzo(b)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(g,h,i)perylene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Benzo(k)fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Chrysene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Dibenzo(a,h)anthracene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluoranthene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Fluorene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Indeno(1,2,3-cd)pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Naphthalene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Phenanthrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
		Pyrene	M8270D/E GC/MS	DK	Sample mass used for extraction decreased due to high moisture content.
			M8270D/E GC/MS	R1	RPD exceeded the method or laboratory acceptance limit. See Case Narrative.
	WG543667	*All Compounds*	M8260C/D GC/MS	Q6	Sample was received above recommended temperature.
		1,1,1,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,1-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1,2,2-Tetrachloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		1,1,2-Trichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,1-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,3-Trichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2,4-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromo-3-chloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dibromoethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		1,2-Dichloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3,5-Trimethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,3-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		1,4-Dichlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2,2-Dichloropropane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Butanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chloroethyl vinyl ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		2-Hexanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		4-Chlorotoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Isopropyltoluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		4-Methyl-2-Pentanone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acetone	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Acrylonitrile	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Benzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromodichloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromoform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Bromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		Carbon Disulfide	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Carbon Tetrachloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chlorobenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloroform	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Chloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		cis-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		cis-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromochloromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dibromomethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Dichlorodifluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		Ethylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Hexachlorobutadiene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Isopropylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		m p Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methyl Tert Butyl Ether	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Methylene Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Naphthalene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		n-Propylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		o Xylene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		sec-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
		Styrene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		tert-Butylbenzene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Tetrachloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Toluene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,2-Dichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		trans-1,3-Dichloropropene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Trichloroethene	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Trichlorofluoromethane	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Acetate	M8260C/D GC/MS	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.
		Vinyl Chloride	M8260C/D GC/MS	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M8260C/D GC/MS	ZM	Data is estimated because result is below 200 ug/Kg; ACZ does not have a closed-system purge and trap as described in method 5035.

Soil Analysis

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Conductivity @25C	SM2510B
pH, Saturated Paste	EPA 600/2-78-054 section 3.2.2
Solids, Percent	D2216-80

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Baggs Testing and Rental, Inc.

ACZ Project ID: L73601
Date Received: 06/01/2022 17:00
Received By:
Date Printed: 6/17/2022

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?		X	

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]			X
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?		X	
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
7039	11.5	<=6.0	15	N/A

Was ice present in the shipment container(s)?

Yes - Wet ice was present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Baggs Testing and Rental, Inc.

ACZ Project ID:	L73601
Date Received:	06/01/2022 17:00
Received By:	
Date Printed:	6/17/2022

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc. L73601

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Gary Webber	Address: 2580 Copper Ridge Drive
Company: NWCC, Inc.	Steamboat Springs, CO 80487
E-mail: gwebber@nwccusa.com	Telephone: 970-879-7888

Copy of Report to:

Name: Gary Webber	E-mail: gwebber@nwccusa.com
Company: NWCC, Inc.	Telephone: 970-879-7888

Invoice to:

Name: Karen Maneotis	Address: P.O. Box 12359
Company: SWN Production Co., LLC	Spring, Texas 77389
E-mail: Karen_Maneotis@SWN.com	Telephone: 970-620-6099

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES [X] NO [ ]

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes [ ] No [X]

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: C. Peters Sampler's Site Information State CO Zip code 81626 Time Zone MT

*Sampler's Signature: [signature] *I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: See Analyses Requested

PO#:

Reporting state for compliance testing:

Check box if samples include NRC licensed material? [ ]

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	SWN-27-SITES	SWN-27-Sites-Back						
CON 22-2-B2	6/1/22 1022	SO	1	[ ]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
CON 22-2-1	6/1/22 1029	SO	3	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
CON 22-2-2	6/1/22 1040	SO	3	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Walk 2-11-B2	6/1/22 1150	SO	1	[ ]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Walk 2-11-1	6/1/22 1123	SO	3	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Walk 2-11-2	6/1/22 1140	SO	3	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

On ice at Drop-off

Please expedite these samples

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
[signature]	6/1/22 1659	[signature]	6/1/22 1659

FRMAD050.06.14.14 White - Return with sample. Yellow - Retain for your records.

L73601 Chain of Custod