



Wednesday, March 31, 2021

Karen Waters-Husted
Central Plateau Cleanup Company, LLC
825 Jadwin Avenue
Richland, WA 99352

Re: ALS Workorder: 2103280
Project Name: SURV, March 2021
Project Number: S21-003

Dear Ms. Waters-Husted:

Six water samples were received from Central Plateau Cleanup Company, LLC, on 3/12/2021. The samples were scheduled for the following analysis:

GC/MS Volatiles

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. O'Brien
Project Manager

We certify that this data package is in compliance with the SOW, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this hard copy data package has been authorized by the Laboratory Analytical Manager (or designee) and the laboratory's client services representative as verified by their signatures on this report.

SAMPLE ISSUE RESOLUTION (SIR) REPORT		SIR Number: SIR21-0199 Rev. Number: 0 Date Initiated: 03/31/2021
<u>SAMPLE EVENT INFORMATION</u>		
SAF NUM(S):	S21-003	
LABORATORY:	ALS	
<u>SAMPLING INFORMATION</u>		
NUMBER OF SAMPLES:	1	
SAMPLE NUMBERS:	B405N2	
SAMPLE MATRIX:	WATER	
SDG NUM(S):	ALS2103280	
<u>ISSUE BACKGROUND</u>		
CLASS:	Laboratory Issue	
TYPE:	Analysis Holding Time Exceeded	
DESCRIPTION:	Sample B405N2, requesting analysis by method 8260, was analyzed one day outside of the holding time due to analyst over sight. The remainder of the samples on this SDG were analyzed within hold.	
<u>RESOLUTION</u>		
PROPOSED RESOLUTION:	Narrate and report the data.	
FINAL RESOLUTION:	Yes, we accept the proposed resolution, but also flag the affected results.	
SUBMITTED BY:		
O'BRIEN, KATIE	_____	03/31/2021 _____
ACCEPTED BY:		
CUTSFORTH, EC	_____	03/31/2021 _____

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2103280

Client Name: Central Plateau Cleanup Company, LLC

Client Project Name: SURV, March 2021

Client Project Number: S21-003

Client PO Number: BOA 74395

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
B405M2	2103280-1		WATER	11-Mar-21	11:06
B405M6	2103280-2		WATER	11-Mar-21	10:15
B405M8	2103280-3		WATER	11-Mar-21	8:30
B405M9	2103280-4		WATER	11-Mar-21	8:30
B405N1	2103280-5		WATER	11-Mar-21	7:00
B405N2	2103280-6		WATER	11-Mar-21	9:25

Central Plateau Cleanup Company

90105

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.# S21-003-058

2103280

Page 1 of 1

Collector: Lorin Kelly CPC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S21-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 900152
Project Title: SURV, March 2021	Logbook No.: HNF-N-506-120-45	Ice Chest No.: GUS-189
Shipped To (Lab): ALS Environmental Ft. Collins	Method of Shipment Commercial Carrier	Bill of Lading/Air Bill No.: 7731 3737 4440
Protocol: SURV	Priority: 30 Days	Offsite Property No.: N/A FEB 03 2021 pub

POSSIBLE SAMPLE HAZARDS/REMARK
 ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS
 N/A

Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B405M2 1	N	W	3-11-21	1106	4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C

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Relinquished By			Received By			Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquids SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	
Lorin Kelly CPC	<i>L Kelly</i>	MAR 11 2021 1400	Kathy Turner CPC	<i>Kathy Turner</i>	MAR 11 2021 1400	
Kathy Turner CPC	<i>Kathy Turner</i>	MAR 11 2021 1400	FEDEX			
	FEDEX		Rose Argent	<i>Rose Argent</i>	03-12-21 0946	

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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Rev. 0

Central Plateau Cleanup Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				C.O.C.# S21-003-060 Page 1 of 1		
Collector: Lorin Kelly CPCC		Contact/Requester: Karen Waters-Husted		Telephone No.: 509-376-4650				
SAF No.: S21-003		Sampling Origin: Hanford Site		Purchase Order/Charge Code: 900152				
Project Title: SURV, March 2021		Logbook No.: HNF-N-506-12045		Ice Chest No.: GLWS 189				
Shipped To (Lab): ALS Environmental Ft. Collins		Method of Shipment Commercial Carrier		Bill of Lading/Air Bill No.: 7731 3737 4440				
Protocol: SURV		Priority: 30 Days		Offsite Property No.: N/A FEB 03 2021 PWB				
POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1				SPECIAL INSTRUCTIONS N/A				
Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B405M6 2	N	W	3-11-21	1015	4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C

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Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S = Soil	DS = Drum Solids
Lorin Kelly CPCC	<i>L. Kelly</i>	MAR 11 2021/1400	Kathy Turner CPCC	<i>Kathy Turner</i>	MAR 11 2021/1140	SE = Sediment	DL = Drum Liquids
Kathy Turner CPCC	<i>Kathy Turner</i>	MAR 11 2021 1400	FEDEX			SO = Solid	T = Tissue
	FEDEX		Rose Argent	<i>Rose Argent</i>	03-12-21 0940	SL = Sludge	WI = Wipe
						W = Water	L = Liquid
						O = Oil	V = Vegetation
						A = Air	X = Other
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):				Disposed By:	Date/Time:	

Rev. 0

Central Plateau Cleanup Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				C.O.C.# S21-003-061		
						2103280		
						Page 1 of 1		
Collector: Lorin Kelly CPCC		Contact/Requester: Karen Waters-Husted		Telephone No.: 509-376-4650				
SAF No.: S21-003		Sampling Origin: Hanford Site		Purchase Order/Charge Code: 900152				
Project Title: SURV, March 2021		Logbook No.: HNF-N-506 - 12045		Ice Chest No.: GWS-189				
Shipped To (Lab): ALS Environmental Ft. Collins		Method of Shipment Commercial Carrier		Bill of Lading/Air Bill No.: 7731 3737 4440				
Protocol: SURV		Priority: 30 Days		Offsite Property No.: N/A FEB 03 2021 Pub				
POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1				SPECIAL INSTRUCTIONS N/A				
Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B405M8 3	N	W	3-11-21	0820	4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C

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Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time		
Lorin Kelly CPCC	<i>L. Kelly</i>	MAR 11 2021 0945	Kathy Turner CPCC	<i>Kathy Turner</i>	MAR 11 2021 0945	S = Soil	DS = Drum Solids
Kathy Turner CPCC	<i>Kathy Turner</i>	MAR 11 2021 1400	FEDEX			SE = Sediment	DL = Drum Liquids
	FEDEX		Rose Argent	<i>Rose Argent</i>	03-12-21 0940	SO = Solid	T = Tissue
						SL = Sludge	WI = Wipe
						W = Water	L = Liquid
						O = Oil	V = Vegetation
						A = Air	X = Other
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):				Disposed By:		Date/Time:

ALS2103280

March 31, 2021

Rev. 0

Collector: Lorin Kelly CPCC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: S21-003	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 900152
Project Title: SURV, March 2021	Logbook No.: HNF-N-506 -120-45	Ice Chest No.: GWS-189
Shipped To (Lab): ALS Environmental Ft. Collins	Method of Shipment Commercial Carrier	Bill of Lading/Air Bill No.: 7731 3737 4440
Protocol: SURV	Priority: 30 Days	Offsite Property No.: N/A FEB 03 2021 Pub

POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1	SPECIAL INSTRUCTIONS N/A
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Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B405M9 4	N	W	3-11-21	0630	4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C

Relinquished By			Received By			Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquids SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	
Lorin Kelly CPCC	<i>L. Kelly</i>	MAR 11 2021 0945	Kathy Turner CPCC	<i>Kathy Turner</i>	MAR 11 2021 0945	
Kathy Turner CPCC	<i>Kathy Turner</i>	MAR 11 2021 1400	FEDEX			
	FEDEX		Rose Argent	<i>Rose Argent</i>	03/12/21 0940	

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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Central Plateau Cleanup Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				C.O.C. # S21-003-063		
						<i>2103280</i>		
						Page 1 of 1		
Collector: Lorin Kelly, CPCC			Contact/Requester: Karen Waters-Husted			Telephone No.: 509-376-4650		
SAF No.: S21-003			Sampling Origin: Hanford Site			Purchase Order/Charge Code: 900152		
Project Title: SURV, March 2021			Logbook No.: HNF-N-506 <i>-120-45</i>			Ice Chest No.: <i>GWS-189</i>		
Shipped To (Lab): ALS Environmental Ft. Collins			Method of Shipment Commercial Carrier			Bill of Lading/Air Bill No.: <i>7731 3731 4440</i>		
Protocol: SURV			Priority: 30 Days			Offsite Property No.: <i>N/A FEB 09 2021</i>		
POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1					SPECIAL INSTRUCTIONS N/A			
Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B405N1 5	N	W	<i>3-11-21</i>	<i>0700</i>	4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C

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March 31, 2021

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S = Soil	DS = Drum Solids
<i>Lorin Kelly</i> CPCC	<i>L. Kelly</i>	<i>MAR 11 2021 0945</i>	<i>Kathy Turner</i> CPCC	<i>Kathys Turner</i>	<i>MAR 11 2021 0945</i>	SE = Sediment	DL = Drum Liquids
<i>Kathy Turner</i> CPCC	<i>Kathys Turner</i>	<i>MAR 11 2021 1400</i>	FEDEX	<i>Rose Argent</i>	<i>03-12-21 0940</i>	SO = Solid	T = Tissue
	FEDEX					SL = Sludge	WI = Wipe
						W = Water	L = Liquid
						O = Oil	V = Vegetation
						A = Air	X = Other
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):				Disposed By:	Date/Time:	

Rev. 0

Central Plateau Cleanup Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				C.O.C.# S21-003-064		
						<i>2103280</i>		
Collector: Lorin Kelly CPCC		Contact/Requester: Karen Waters-Husted		Telephone No.: 509-376-4650				
SAF No.: S21-003		Sampling Origin: Hanford Site		Purchase Order/Charge Code: 900152				
Project Title: SURV, March 2021		Logbook No.: HNF-N-506-120-45		Ice Chest No.: <i>GWS-189</i>				
Shipped To (Lab): ALS Environmental Ft. Collins		Method of Shipment Commercial Carrier		Bill of Lading/Air Bill No.: <i>7731 3737 4440</i>				
Protocol: SURV		Priority: 30 Days		Offsite Property No.: <i>N/A FEB 09 2021 pub</i>				
POSSIBLE SAMPLE HAZARDS/REMARK ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1				SPECIAL INSTRUCTIONS N/A				
Sample No.	Filter	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B405N2 <i>6</i>	N	W	<i>3-11-21</i>	<i>0925</i>	4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C

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March 31, 2021

Relinquished By			Received By			Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquids SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other	
<i>Lorin Kelly</i> CPCC	<i>L. Kelly</i>	<i>MAR 11 2021 0945</i>	<i>Kathy Turner</i> CPCC	<i>Kathy Turner</i>	<i>MAR 11 2021 0945</i>		
<i>Kathy Turner</i> CPCC	<i>Kathy Turner</i>	<i>MAR 11 2021 1400</i>	FEDEX				
FEDEX			<i>Rose Argent</i>				
			<i>03-12-21 0940</i>				
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):				Disposed By:		Date/Time:

Rev. 0



ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client Name/ID: CPCC Workorder No: 2103280
Project Manager: KMO Initials: RGA Date: 03/12/2021

1. Are airbills / shipping documents present and/or removable?
2. Are custody seals on shipping containers intact?
3. Are custody seals on sample containers intact?
4. Is there a COC (chain-of-custody) present?
5. Is the COC in agreement with samples received?
6. Are short-hold samples present?
7. Are all samples within holding times for the requested analyses?
8. Were all sample containers received intact?
9. Is there sufficient sample for the requested analyses?
10. Are samples in proper containers for requested analyses?
11. Are all aqueous samples preserved correctly, if required?
12. Were unpreserved samples pH checked, if required?
13. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm in diameter?
14. Were the samples shipped on ice?
15. Were cooler temperatures measured at 0.1 - 6.0°C? IR gun used: #3 #5

Cooler #: 1
Temperature (°C): 0.3
of custody seals on cooler: 2
External uR/hr reading: 11
Background uR/hr reading: 10
Were external mR/hr readings ≤ two times background and within DOT acceptance criteria? (If no, see Form 008)

* Please provide details below for 'NO' responses in gray boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

All client bottle ID's vs ALS lab ID's double-checked by: RGA

If applicable, was the client contacted? YES NO Contact Name: Date:

Project Manager Signature / Date: [Signature] 3/12/21

3/11/2021

FedEx Ship Manager - Print Your Label(s)

RICHLAND, WA 99354
UNITED STATES US

BILL THIRD PARTY

TO **JULIE ELLINGSON**
ALS GLOBAL - FORT COLLINS
225 COMMERCE DRIVE

11-2
0.3

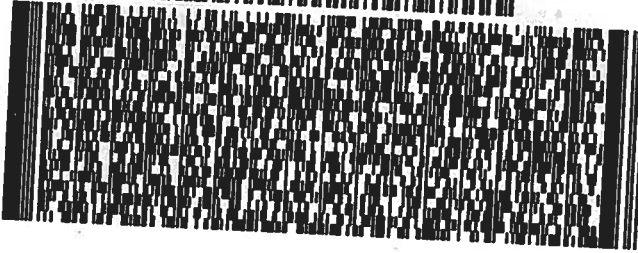
56LGIAC39/FEAA

FORT COLLINS CO 80524

(970) 490-1511
INV:
PO:

REF: CACN900153ICOOLER#GWS-189

DEPT:



FedEx
Express



JAN11210110K100

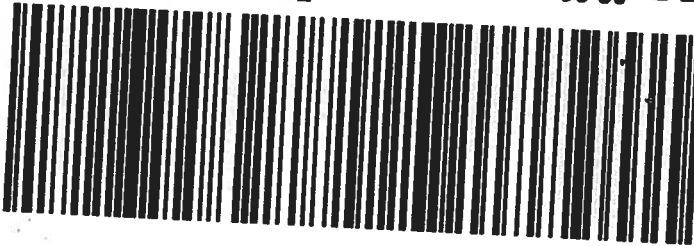
FRI - 12 MAR 10:30A
PRIORITY OVERNIGHT

TRK#
0201 **7731 3737 4440**

DSR
80524

CO-US **DEN**

XH FTCA





GC/MS Volatiles Case Narrative

Central Plateau Cleanup Company, LLC

SURV, March 2021 – S21-003

Work Order Number: 2103280

1. These samples were prepared according to SW-846, 3rd Edition procedures. Specifically, the water samples were prepared using purge and trap procedures based on Method 5030C.
2. The samples were analyzed using GC/MS according to the current revision of SOP 525 based on SW-846 Method 8260. All positive results were quantitated against the initial calibration standards using the internal standard technique. The identification of positive results was achieved by a comparison of the retention time and mass spectrum of the sample versus the daily calibration standard.
3. All initial calibration criteria were met.
4. All initial calibrations are verified by comparing a second source standard calibration verification (ICV) against the calibration curve. All criteria for initial calibration verification were met.
5. Per the guidance in methods 8000 and 8260, all compounds in each of the daily (continuing) calibration verifications had sufficient response to support accurate quantitation of the data included in this report.
6. Methylene chloride, acetone and 2-butanone are common laboratory contaminants. In order to minimize the levels of these compounds detected in the gc/ms analysis, ALS has designated its volatile laboratory as a restricted access area. In addition, the laboratory has been equipped with a dedicated, air intake and exhaust system that operates under positive pressure in order to minimize cross contamination of these compounds. Due to fluctuations in ambient laboratory conditions, reported sample values for common laboratory contaminants may be due to lab contamination even if the compound in question is not detected in the associated method blank.

All method blank criteria were met.



7. All laboratory control sample and laboratory control sample duplicate recoveries and RPDs were within the acceptance criteria with the following exceptions:

Spiked Compound	QC Sample	Direction
Acrolein	VL210322-33LCS/LCSD and VL210326-3LCS/LCSD	High
Isobutyl Alcohol	VL210322-33LCSD	High

These analytes were not detected above the reporting limit in the associated samples. No further action was taken.

8. Samples 2103280-1 and -6 were designated as the quality control samples for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

All matrix spike and matrix spike duplicate recoveries and RPDs were within acceptance criteria with the following exceptions:

Spiked Compound	QC Sample	Direction
Trichlorofluoromethane	1MS	High
Acrolein	1MS/MSD and 6MS/MSD	High
Isobutyl alcohol	1MS/MSD	High
Bromomethane	1MSD	RPD High

These analytes were not detected above the reporting limit in the associated samples. No further action was taken.

Since the recoveries for bromomethane in the matrix spike and matrix spike duplicate were within control limits, with only the RPD exceeding acceptance criteria, quantitations of target compounds were not compromised. No further action was taken.

9. The samples were analyzed within the established holding time.
10. All surrogate recoveries were within acceptance criteria.
11. All internal standard recoveries were within acceptance criteria.
12. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in the current revision of SOP 939.



The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Mindy Norton
Mindy Norton
Organics Primary Data Reviewer

3/29/21
Date

[Signature]
Organics Final Data Reviewer

3/31/21
Date

ALS
Data Qualifier Flags
Organics

- U or ND:** This flag indicates that the compound was analyzed for but not detected.
- J:** This flag indicates an estimated value. This flag is used as follows : (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.
- B:** This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.
- E:** This flag identifies compounds whose concentration exceeds the upper level of the calibration range.
- A:** This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.
- X:** This flag indicates that the analyte was diluted below an accurate quantitation level.
- *:** This flag indicates that a spike recovery is equal to or outside the control criteria used.
- +:** This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.

GC/MS Volatiles

Method SW8260_25C

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210322-33MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: N/A

File Name: C014

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	U	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	U	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	U	1	0.38
74-83-9	BROMOMETHANE	1	0.61	U	1	0.61
75-00-3	CHLOROETHANE	1	0.47	U	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	U	1	0.38
107-02-8	ACROLEIN	1	6.8	U	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	U	1	0.48
67-64-1	ACETONE	1	5.4	U	10	5.4
74-88-4	IODOMETHANE	1	1.4	U	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	U	1	0.31
75-09-2	METHYLENE CHLORIDE	1	1	U	2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	U	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	U	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	U	1	0.32
108-05-4	VINYL ACETATE	1	0.8	U	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	U	1	0.39
78-93-3	2-BUTANONE	1	3	U	10	3
67-66-3	CHLOROFORM	1	0.31	U	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	U	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	0.38	U	1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	U	1	0.41
71-43-2	BENZENE	1	0.3	U	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	U	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	U	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	U	1	0.32
75-27-4	BROMODICHLOROMETHANE	1	0.32	U	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Method Blank****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Lab ID:** VL210322-33MB**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** N/A**Date Extracted:** 22-Mar-21**Date Analyzed:** 22-Mar-21**Prep Batch:** VL210322-33**QCBatchID:** VL210322-33-2**Run ID:** VL210322-33A**Cleanup:** NONE**Basis:** N/A**File Name:** C014**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**Clean DF:** 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
108-10-1	4-METHYL-2-PENTANONE	1	3	U	10	3
108-88-3	TOLUENE	1	0.34	U	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	U	1	0.33
591-78-6	2-HEXANONE	1	3	U	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	U	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	U	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	U	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	U	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	U	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	U	1	0.33
100-42-5	STYRENE	1	0.3	U	1	0.3
75-25-2	BROMOFORM	1	0.3	U	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	U	1	0.51
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	0.39	U	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	U	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	U	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	U	2	0.6
75-05-8	ACETONITRILE	1	15	U	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	U	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	U	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	U	100	30
126-98-7	METHACRYLONITRILE	1	3	U	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	U	5	1.5
107-12-0	PROPIONITRILE	1	5.3	U	50	5.3
126-99-8	CHLOROPRENE	1	0.34	U	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Method Blank****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Lab ID:** VL210322-33MB**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** N/A**Date Extracted:** 22-Mar-21**Date Analyzed:** 22-Mar-21**Prep Batch:** VL210322-33**QCBatchID:** VL210322-33-2**Run ID:** VL210322-33A**Cleanup:** NONE**Basis:** N/A**File Name:** C014**Sample Aliquot:** 1 ml**Final Volume:** 1 ml**Result Units:** UG/L**Clean DF:** 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
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Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	24.8		25	99	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	25.1		25	100	70 - 130
2037-26-5	TOLUENE-D8	24.5		25	98	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210326-3MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: N/A

File Name: C1092

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	U	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	U	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	U	1	0.38
74-83-9	BROMOMETHANE	1	0.61	U	1	0.61
75-00-3	CHLOROETHANE	1	0.47	U	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	U	1	0.38
107-02-8	ACROLEIN	1	6.8	U	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	U	1	0.48
67-64-1	ACETONE	1	5.4	U	10	5.4
74-88-4	IODOMETHANE	1	1.4	U	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	U	1	0.31
75-09-2	METHYLENE CHLORIDE	1	1	U	2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	U	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	U	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	U	1	0.32
108-05-4	VINYL ACETATE	1	0.8	U	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	U	1	0.39
78-93-3	2-BUTANONE	1	3	U	10	3
67-66-3	CHLOROFORM	1	0.31	U	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	U	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	0.38	U	1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	U	1	0.41
71-43-2	BENZENE	1	0.3	U	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	U	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	U	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	U	1	0.32
75-27-4	BROMODICHLOROMETHANE	1	0.32	U	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Method Blank****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Lab ID:** VL210326-3MB**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** N/A**Date Extracted:** 26-Mar-21**Date Analyzed:** 26-Mar-21**Prep Batch:** VL210326-3**QCBatchID:** VL210326-3-3**Run ID:** VL210326-3A**Cleanup:** NONE**Basis:** N/A**File Name:** C1092**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**Clean DF:** 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
108-10-1	4-METHYL-2-PENTANONE	1	3	U	10	3
108-88-3	TOLUENE	1	0.34	U	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	U	1	0.33
591-78-6	2-HEXANONE	1	3	U	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	U	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	U	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	U	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	U	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	U	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	U	1	0.33
100-42-5	STYRENE	1	0.3	U	1	0.3
75-25-2	BROMOFORM	1	0.3	U	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	U	1	0.51
79-34-5	1,1,1,2-TETRACHLOROETHANE	1	0.39	U	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	U	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	U	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	U	2	0.6
75-05-8	ACETONITRILE	1	15	U	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	U	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	U	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	U	100	30
126-98-7	METHACRYLONITRILE	1	3	U	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	U	5	1.5
107-12-0	PROPIONITRILE	1	5.3	U	50	5.3
126-99-8	CHLOROPRENE	1	0.34	U	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210326-3MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: N/A

File Name: C1092

Sample Aliquot: 1 ml

Final Volume: 1 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
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Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	24.6		25	98	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	24.7		25	99	70 - 130
2037-26-5	TOLUENE-D8	24.8		25	99	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405M2
Lab ID:	2103280-1

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C017

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	U	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	U	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	U	1	0.38
74-83-9	BROMOMETHANE	1	0.61	U	1	0.61
75-00-3	CHLOROETHANE	1	0.47	U	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	U	1	0.38
107-02-8	ACROLEIN	1	6.8	U	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	U	1	0.48
67-64-1	ACETONE	1	5.4	U	10	5.4
74-88-4	IODOMETHANE	1	1.4	U	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	U	1	0.31
75-09-2	METHYLENE CHLORIDE	1	1	U	2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	U	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	U	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	U	1	0.32
108-05-4	VINYL ACETATE	1	0.8	U	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	U	1	0.39
78-93-3	2-BUTANONE	1	3	U	10	3
67-66-3	CHLOROFORM	1	0.97	J	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	U	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	0.8	J	1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	U	1	0.41
71-43-2	BENZENE	1	0.3	U	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	U	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	U	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	U	1	0.32

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405M2

Lab ID: 2103280-1

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C017

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-27-4	BROMODICHLOROMETHANE	1	0.32	U	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
108-10-1	4-METHYL-2-PENTANONE	1	3	U	10	3
108-88-3	TOLUENE	1	0.34	U	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	U	1	0.33
591-78-6	2-HEXANONE	1	3	U	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	U	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	U	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	U	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	U	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	U	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	U	1	0.33
100-42-5	STYRENE	1	0.3	U	1	0.3
75-25-2	BROMOFORM	1	0.3	U	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	U	1	0.51
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	0.39	U	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	U	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	U	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	U	2	0.6
75-05-8	ACETONITRILE	1	15	U	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	U	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	U	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	U	100	30
126-98-7	METHACRYLONITRILE	1	3	U	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	U	5	1.5

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Sample Results****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Field ID:** B405M2**Lab ID:** 2103280-1**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** 11-Mar-21**Date Extracted:** 22-Mar-21**Date Analyzed:** 22-Mar-21**Prep Method:** SW5030 Rev C**Prep Batch:** VL210322-33**QC Batch ID:** VL210322-33-2**Run ID:** VL210322-33A**Cleanup:** NONE**Basis:** As Received**File Name:** C017**Analyst:** Tyler Knaebel**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**Clean DF:** 1**Analysis ReqCode:** 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
107-12-0	PROPIONITRILE	1	5.3	U	50	5.3
126-99-8	CHLOROPRENE	1	0.34	U	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	24.6		25	98	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	24.6		25	99	70 - 130
2037-26-5	TOLUENE-D8	24.8		25	99	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405M6
Lab ID:	2103280-2

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C020

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	U	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	U	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	U	1	0.38
74-83-9	BROMOMETHANE	1	0.61	U	1	0.61
75-00-3	CHLOROETHANE	1	0.47	U	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	U	1	0.38
107-02-8	ACROLEIN	1	6.8	U	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	U	1	0.48
67-64-1	ACETONE	1	5.4	U	10	5.4
74-88-4	IODOMETHANE	1	1.4	U	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	U	1	0.31
75-09-2	METHYLENE CHLORIDE	1	1	U	2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	U	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	U	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	U	1	0.32
108-05-4	VINYL ACETATE	1	0.8	U	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	U	1	0.39
78-93-3	2-BUTANONE	1	3	U	10	3
67-66-3	CHLOROFORM	1	0.68	J	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	U	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	3		1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	U	1	0.41
71-43-2	BENZENE	1	0.3	U	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	U	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	U	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	U	1	0.32

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405M6
Lab ID:	2103280-2

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C020

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-27-4	BROMODICHLOROMETHANE	1	0.32	U	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
108-10-1	4-METHYL-2-PENTANONE	1	3	U	10	3
108-88-3	TOLUENE	1	0.34	U	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	U	1	0.33
591-78-6	2-HEXANONE	1	3	U	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	U	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	U	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	U	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	U	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	U	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	U	1	0.33
100-42-5	STYRENE	1	0.3	U	1	0.3
75-25-2	BROMOFORM	1	0.3	U	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	U	1	0.51
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	0.39	U	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	U	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	U	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	U	2	0.6
75-05-8	ACETONITRILE	1	15	U	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	U	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	U	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	U	100	30
126-98-7	METHACRYLONITRILE	1	3	U	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	U	5	1.5

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Sample Results****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Field ID:** B405M6**Lab ID:** 2103280-2**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** 11-Mar-21**Date Extracted:** 22-Mar-21**Date Analyzed:** 22-Mar-21**Prep Method:** SW5030 Rev C**Prep Batch:** VL210322-33**QC Batch ID:** VL210322-33-2**Run ID:** VL210322-33A**Cleanup:** NONE**Basis:** As Received**File Name:** C020**Analyst:** Tyler Knaebel**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**Clean DF:** 1**Analysis ReqCode:** 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
107-12-0	PROPIONITRILE	1	5.3	U	50	5.3
126-99-8	CHLOROPRENE	1	0.34	U	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	24.4		25	98	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	24.5		25	98	70 - 130
2037-26-5	TOLUENE-D8	24.8		25	99	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405M8
Lab ID:	2103280-3

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C021

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	U	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	U	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	U	1	0.38
74-83-9	BROMOMETHANE	1	0.61	U	1	0.61
75-00-3	CHLOROETHANE	1	0.47	U	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	U	1	0.38
107-02-8	ACROLEIN	1	6.8	U	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	U	1	0.48
67-64-1	ACETONE	1	5.4	U	10	5.4
74-88-4	IODOMETHANE	1	1.4	U	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	U	1	0.31
75-09-2	METHYLENE CHLORIDE	1	1	U	2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	U	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	U	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	U	1	0.32
108-05-4	VINYL ACETATE	1	0.8	U	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	U	1	0.39
78-93-3	2-BUTANONE	1	3	U	10	3
67-66-3	CHLOROFORM	1	0.63	J	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	U	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	2		1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	U	1	0.41
71-43-2	BENZENE	1	0.3	U	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	U	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	U	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	U	1	0.32

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405M8
Lab ID:	2103280-3

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C021

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-27-4	BROMODICHLOROMETHANE	1	0.32	U	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
108-10-1	4-METHYL-2-PENTANONE	1	3	U	10	3
108-88-3	TOLUENE	1	0.34	U	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	U	1	0.33
591-78-6	2-HEXANONE	1	3	U	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	U	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	U	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	U	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	U	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	U	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	U	1	0.33
100-42-5	STYRENE	1	0.3	U	1	0.3
75-25-2	BROMOFORM	1	0.3	U	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	U	1	0.51
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	0.39	U	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	U	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	U	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	U	2	0.6
75-05-8	ACETONITRILE	1	15	U	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	U	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	U	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	U	100	30
126-98-7	METHACRYLONITRILE	1	3	U	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	U	5	1.5

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Sample Results****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Field ID:** B405M8**Lab ID:** 2103280-3**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** 11-Mar-21**Date Extracted:** 22-Mar-21**Date Analyzed:** 22-Mar-21**Prep Method:** SW5030 Rev C**Prep Batch:** VL210322-33**QC Batch ID:** VL210322-33-2**Run ID:** VL210322-33A**Cleanup:** NONE**Basis:** As Received**File Name:** C021**Analyst:** Tyler Knaebel**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**Clean DF:** 1**Analysis ReqCode:** 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
107-12-0	PROPIONITRILE	1	5.3	U	50	5.3
126-99-8	CHLOROPRENE	1	0.34	U	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	24.1		25	97	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	24.9		25	100	70 - 130
2037-26-5	TOLUENE-D8	24.1		25	96	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405M9
Lab ID:	2103280-4

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C022

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	U	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	U	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	U	1	0.38
74-83-9	BROMOMETHANE	1	0.61	U	1	0.61
75-00-3	CHLOROETHANE	1	0.47	U	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	U	1	0.38
107-02-8	ACROLEIN	1	6.8	U	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	U	1	0.48
67-64-1	ACETONE	1	5.4	U	10	5.4
74-88-4	IODOMETHANE	1	1.4	U	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	U	1	0.31
75-09-2	METHYLENE CHLORIDE	1	1	U	2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	U	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	U	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	U	1	0.32
108-05-4	VINYL ACETATE	1	0.8	U	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	U	1	0.39
78-93-3	2-BUTANONE	1	3	U	10	3
67-66-3	CHLOROFORM	1	0.63	J	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	U	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	1.9		1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	U	1	0.41
71-43-2	BENZENE	1	0.3	U	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	U	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	U	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	U	1	0.32

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405M9
Lab ID:	2103280-4

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C022

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-27-4	BROMODICHLOROMETHANE	1	0.32	U	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
108-10-1	4-METHYL-2-PENTANONE	1	3	U	10	3
108-88-3	TOLUENE	1	0.34	U	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	U	1	0.33
591-78-6	2-HEXANONE	1	3	U	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	U	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	U	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	U	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	U	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	U	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	U	1	0.33
100-42-5	STYRENE	1	0.3	U	1	0.3
75-25-2	BROMOFORM	1	0.3	U	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	U	1	0.51
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	0.39	U	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	U	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	U	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	U	2	0.6
75-05-8	ACETONITRILE	1	15	U	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	U	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	U	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	U	100	30
126-98-7	METHACRYLONITRILE	1	3	U	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	U	5	1.5

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Sample Results****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Field ID:** B405M9**Lab ID:** 2103280-4**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** 11-Mar-21**Date Extracted:** 22-Mar-21**Date Analyzed:** 22-Mar-21**Prep Method:** SW5030 Rev C**Prep Batch:** VL210322-33**QC Batch ID:** VL210322-33-2**Run ID:** VL210322-33A**Cleanup:** NONE**Basis:** As Received**File Name:** C022**Analyst:** Tyler Knaebel**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**Clean DF:** 1**Analysis ReqCode:** 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
107-12-0	PROPIONITRILE	1	5.3	U	50	5.3
126-99-8	CHLOROPRENE	1	0.34	U	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	24.9		25	99	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	25		25	100	70 - 130
2037-26-5	TOLUENE-D8	24.6		25	98	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405N1
Lab ID:	2103280-5

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C023

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	U	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	U	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	U	1	0.38
74-83-9	BROMOMETHANE	1	0.61	U	1	0.61
75-00-3	CHLOROETHANE	1	0.47	U	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	U	1	0.38
107-02-8	ACROLEIN	1	6.8	U	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	U	1	0.48
67-64-1	ACETONE	1	5.4	U	10	5.4
74-88-4	IODOMETHANE	1	1.4	U	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	U	1	0.31
75-09-2	METHYLENE CHLORIDE	1	2.9		2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	U	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	U	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	U	1	0.32
108-05-4	VINYL ACETATE	1	0.8	U	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	U	1	0.39
78-93-3	2-BUTANONE	1	3	U	10	3
67-66-3	CHLOROFORM	1	0.31	U	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	U	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	0.38	U	1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	U	1	0.41
71-43-2	BENZENE	1	0.3	U	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	U	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	U	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	U	1	0.32

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405N1
Lab ID:	2103280-5

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

File Name: C023

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-27-4	BROMODICHLOROMETHANE	1	0.32	U	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
108-10-1	4-METHYL-2-PENTANONE	1	3	U	10	3
108-88-3	TOLUENE	1	0.34	U	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	U	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	U	1	0.33
591-78-6	2-HEXANONE	1	3	U	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	U	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	U	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	U	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	U	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	U	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	U	1	0.33
100-42-5	STYRENE	1	0.3	U	1	0.3
75-25-2	BROMOFORM	1	0.3	U	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	U	1	0.51
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	0.39	U	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	U	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	U	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	U	2	0.6
75-05-8	ACETONITRILE	1	15	U	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	U	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	U	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	U	100	30
126-98-7	METHACRYLONITRILE	1	3	U	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	U	5	1.5

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Sample Results****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Field ID:** B405N1**Lab ID:** 2103280-5**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** 11-Mar-21**Date Extracted:** 22-Mar-21**Date Analyzed:** 22-Mar-21**Prep Method:** SW5030 Rev C**Prep Batch:** VL210322-33**QC Batch ID:** VL210322-33-2**Run ID:** VL210322-33A**Cleanup:** NONE**Basis:** As Received**File Name:** C023**Analyst:** Tyler Knaebel**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**Clean DF:** 1**Analysis ReqCode:** 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
107-12-0	PROPIONITRILE	1	5.3	U	50	5.3
126-99-8	CHLOROPRENE	1	0.34	U	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	25.1		25	100	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	24.8		25	99	70 - 130
2037-26-5	TOLUENE-D8	24		25	96	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405N2
Lab ID:	2103280-6

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: As Received

File Name: C1101

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-71-8	DICHLORODIFLUOROMETHANE	1	0.55	UX	1	0.55
74-87-3	CHLOROMETHANE	1	0.45	UX	1	0.45
75-01-4	VINYL CHLORIDE	1	0.38	UX	1	0.38
74-83-9	BROMOMETHANE	1	0.61	UX	1	0.61
75-00-3	CHLOROETHANE	1	0.47	UX	1	0.47
75-69-4	TRICHLOROFLUOROMETHANE	1	0.38	UX	1	0.38
107-02-8	ACROLEIN	1	6.8	UX	50	6.8
75-35-4	1,1-DICHLOROETHENE	1	0.48	UX	1	0.48
67-64-1	ACETONE	1	5.4	UX	10	5.4
74-88-4	IODOMETHANE	1	1.4	UX	5	1.4
75-15-0	CARBON DISULFIDE	1	0.31	UX	1	0.31
75-09-2	METHYLENE CHLORIDE	1	1	UX	2	1
156-60-5	TRANS-1,2-DICHLOROETHENE	1	0.42	UX	1	0.42
107-13-1	ACRYLONITRILE	1	4.8	UX	10	4.8
75-34-3	1,1-DICHLOROETHANE	1	0.32	UX	1	0.32
108-05-4	VINYL ACETATE	1	0.8	UX	2	0.8
156-59-2	CIS-1,2-DICHLOROETHENE	1	0.39	UX	1	0.39
78-93-3	2-BUTANONE	1	3	UX	10	3
67-66-3	CHLOROFORM	1	0.71	JX	1	0.31
71-55-6	1,1,1-TRICHLOROETHANE	1	0.36	UX	1	0.36
56-23-5	CARBON TETRACHLORIDE	1	2.1	X	1	0.38
107-06-2	1,2-DICHLOROETHANE	1	0.41	UX	1	0.41
71-43-2	BENZENE	1	0.3	UX	1	0.3
79-01-6	TRICHLOROETHENE	1	0.5	UX	1	0.5
78-87-5	1,2-DICHLOROPROPANE	1	0.33	UX	1	0.33
74-95-3	DIBROMOMETHANE	1	0.32	UX	1	0.32

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID:	B405N2
Lab ID:	2103280-6

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: As Received

File Name: C1101

Analyst: Tyler Knaebel

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

Analysis ReqCode: 8260_VOA_GCM

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
75-27-4	BROMODICHLOROMETHANE	1	0.32	UX	1	0.32
10061-01-5	CIS-1,3-DICHLOROPROPENE	1	0.3	UX	1	0.3
108-10-1	4-METHYL-2-PENTANONE	1	3	UX	10	3
108-88-3	TOLUENE	1	0.34	UX	1	0.34
10061-02-6	TRANS-1,3-DICHLOROPROPENE	1	0.3	UX	1	0.3
79-00-5	1,1,2-TRICHLOROETHANE	1	0.33	UX	1	0.33
591-78-6	2-HEXANONE	1	3	UX	10	3
127-18-4	TETRACHLOROETHENE	1	0.35	UX	1	0.35
124-48-1	DIBROMOCHLOROMETHANE	1	0.31	UX	1	0.31
106-93-4	1,2-DIBROMOETHANE	1	0.37	UX	1	0.37
108-90-7	CHLOROBENZENE	1	0.34	UX	1	0.34
630-20-6	1,1,1,2-TETRACHLOROETHANE	1	0.31	UX	1	0.31
100-41-4	ETHYLBENZENE	1	0.33	UX	1	0.33
100-42-5	STYRENE	1	0.3	UX	1	0.3
75-25-2	BROMOFORM	1	0.3	UX	1	0.3
96-18-4	1,2,3-TRICHLOROPROPANE	1	0.51	UX	1	0.51
79-34-5	1,1,2,2-TETRACHLOROETHANE	1	0.39	UX	1	0.39
106-46-7	1,4-DICHLOROBENZENE	1	0.3	UX	1	0.3
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1	0.71	UX	2	0.71
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	1	0.6	UX	2	0.6
75-05-8	ACETONITRILE	1	15	UX	50	15
107-05-1	ALLYL CHLORIDE	1	0.3	UX	1	0.3
97-63-2	ETHYL METHACRYLATE	1	0.34	UX	1	0.34
78-83-1	ISOBUTYL ALCOHOL	1	30	UX	100	30
126-98-7	METHACRYLONITRILE	1	3	UX	10	3
80-62-6	METHYL METHACRYLATE	1	1.5	UX	5	1.5

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Sample Results****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003

Field ID:	B405N2
Lab ID:	2103280-6

Sample Matrix: WATER**Prep Batch:** VL210326-3**Analyst:** Tyler Knaebel**% Moisture:** N/A**QCBatchID:** VL210326-3-3**Sample Aliquot:** 10 ml**Date Collected:** 11-Mar-21**Run ID:** VL210326-3A**Final Volume:** 10 ml**Date Extracted:** 26-Mar-21**Cleanup:** NONE**Result Units:** UG/L**Date Analyzed:** 26-Mar-21**Basis:** As Received**Clean DF:** 1**Analysis ReqCode:** 8260_VOA_GCM**Prep Method:** SW5030 Rev C**File Name:** C1101

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
107-12-0	PROPIONITRILE	1	5.3	UX	50	5.3
126-99-8	CHLOROPRENE	1	0.34	UX	1	0.34
1330-20-7	TOTAL XYLENES	1	1	U	1	

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	24.6		25	98	70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	24.9		25	99	70 - 130
2037-26-5	TOLUENE-D8	24.6		25	98	70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Laboratory Control Sample and Laboratory Control Sample Duplicate**

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210322-33LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/22/2021

Date Analyzed: 03/22/2021

Prep Method: SW5030C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: N/A

File Name: C011

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-71-8	DICHLORODIFLUOROMETHANE	10	9.23	1		92	70 - 130%
74-87-3	CHLOROMETHANE	10	8.89	1		89	70 - 130%
75-01-4	VINYL CHLORIDE	10	9.58	1		96	70 - 130%
74-83-9	BROMOMETHANE	10	10.2	1		102	70 - 130%
75-00-3	CHLOROETHANE	10	9.86	1		99	70 - 130%
75-69-4	TRICHLOROFLUOROMETHANE	10	8.07	1		81	70 - 130%
107-02-8	ACROLEIN	100	176	50	*	176	70 - 130%
75-35-4	1,1-DICHLOROETHENE	10	9.65	1		97	70 - 130%
67-64-1	ACETONE	40	41.4	10		104	70 - 130%
74-88-4	IODOMETHANE	10	10.5	5		105	70 - 130%
75-15-0	CARBON DISULFIDE	10	9.52	1		95	70 - 130%
75-09-2	METHYLENE CHLORIDE	10	9.3	2		93	70 - 130%
156-60-5	TRANS-1,2-DICHLOROETHENE	10	9.52	1		95	70 - 130%
107-13-1	ACRYLONITRILE	100	115	10		115	70 - 130%
75-34-3	1,1-DICHLOROETHANE	10	9.49	1		95	70 - 130%
108-05-4	VINYL ACETATE	10	9.34	2		93	70 - 130%
156-59-2	CIS-1,2-DICHLOROETHENE	10	9.31	1		93	70 - 130%
78-93-3	2-BUTANONE	40	47.8	10		120	70 - 130%
67-66-3	CHLOROFORM	10	9.28	1		93	70 - 130%
71-55-6	1,1,1-TRICHLOROETHANE	10	9.37	1		94	70 - 130%
56-23-5	CARBON TETRACHLORIDE	10	9.65	1		97	70 - 130%
107-06-2	1,2-DICHLOROETHANE	10	9.34	1		93	70 - 130%
71-43-2	BENZENE	10	9.25	1		93	70 - 130%
79-01-6	TRICHLOROETHENE	10	9.22	1		92	70 - 130%
78-87-5	1,2-DICHLOROPROPANE	10	9.62	1		96	70 - 130%
74-95-3	DIBROMOMETHANE	10	9.67	1		97	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210322-33LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/22/2021

Date Analyzed: 03/22/2021

Prep Method: SW5030C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: N/A

File Name: C011

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-27-4	BROMODICHLOROMETHANE	10	9.25	1		93	70 - 130%
10061-01-5	CIS-1,3-DICHLOROPROPENE	10	9.63	1		96	70 - 130%
108-10-1	4-METHYL-2-PENTANONE	40	45.4	10		113	70 - 130%
108-88-3	TOLUENE	10	9.16	1		92	70 - 130%
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10	9.63	1		96	70 - 130%
79-00-5	1,1,2-TRICHLOROETHANE	10	9.96	1		100	70 - 130%
591-78-6	2-HEXANONE	40	47	10		117	70 - 130%
127-18-4	TETRACHLOROETHENE	10	9.47	1		95	70 - 130%
124-48-1	DIBROMOCHLOROMETHANE	10	9.22	1		92	70 - 130%
106-93-4	1,2-DIBROMOETHANE	10	9.79	1		98	70 - 130%
108-90-7	CHLOROBENZENE	10	9.2	1		92	70 - 130%
630-20-6	1,1,1,2-TETRACHLOROETHANE	10	9.19	1		92	70 - 130%
100-41-4	ETHYLBENZENE	10	9.48	1		95	70 - 130%
179601-23-1	M+P-XYLENE	20	17.5	1		87	70 - 130%
95-47-6	O-XYLENE	10	9.24	1		92	70 - 130%
100-42-5	STYRENE	10	9.58	1		96	70 - 130%
75-25-2	BROMOFORM	10	9.83	1		98	70 - 130%
96-18-4	1,2,3-TRICHLOROPROPANE	10	10.5	1		105	70 - 130%
79-34-5	1,1,2,2-TETRACHLOROETHANE	10	10.6	1		106	70 - 130%
106-46-7	1,4-DICHLOROBENZENE	10	9.03	1		90	70 - 130%
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	10	10.6	2		106	70 - 130%
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	10	11.5	2		115	70 - 130%
75-05-8	ACETONITRILE	100	100	50		100	70 - 130%
107-05-1	ALLYL CHLORIDE	10	9.51	1		95	70 - 130%
97-63-2	ETHYL METHACRYLATE	10	10.5	1		105	70 - 130%
78-83-1	ISOBUTYL ALCOHOL	200	236	100		118	70 - 130%
126-98-7	METHACRYLONITRILE	10	10.7	10		107	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Laboratory Control Sample and Laboratory Control Sample Duplicate****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Lab ID:** VL210322-33LCS**Sample Matrix:** WATER**Prep Batch:** VL210322-33**Sample Aliquot:** 10 ml**% Moisture:** N/A**QC Batch ID:** VL210322-33-2**Final Volume:** 10 ml**Date Collected:** N/A**Run ID:** VL210322-33A**Result Units:** UG/L**Date Extracted:** 03/22/2021**Cleanup:** NONE**Clean DF:** 1**Date Analyzed:** 03/22/2021**Basis:** N/A**Prep Method:** SW5030C**File Name:** C011

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
80-62-6	METHYL METHACRYLATE	10	11.2	5		112	70 - 130%
107-12-0	PROPIONITRILE	100	118	50		118	70 - 130%
126-99-8	CHLOROPRENE	10	9.57	1		96	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210322-33LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/22/2021

Date Analyzed: 03/22/2021

Prep Method: SW5030C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: N/A

File Name: C012

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-71-8	DICHLORODIFLUOROMETHANE	10	9.64	1		96	20	4
74-87-3	CHLOROMETHANE	10	10.1	1		101	20	13
75-01-4	VINYL CHLORIDE	10	11.3	1		113	20	16
74-83-9	BROMOMETHANE	10	11.3	1		113	20	10
75-00-3	CHLOROETHANE	10	10.9	1		109	20	10
75-69-4	TRICHLOROFLUOROMETHANE	10	8.5	1		85	20	5
107-02-8	ACROLEIN	100	184	50	*	184	20	4
75-35-4	1,1-DICHLOROETHENE	10	10.3	1		103	20	7
67-64-1	ACETONE	40	44.5	10		111	30	7
74-88-4	IODOMETHANE	10	11	5		110	20	5
75-15-0	CARBON DISULFIDE	10	10.1	1		101	20	6
75-09-2	METHYLENE CHLORIDE	10	9.77	2		98	20	5
156-60-5	TRANS-1,2-DICHLOROETHENE	10	9.96	1		100	20	5
107-13-1	ACRYLONITRILE	100	122	10		122	20	6
75-34-3	1,1-DICHLOROETHANE	10	9.9	1		99	20	4
108-05-4	VINYL ACETATE	10	10.5	2		105	20	12
156-59-2	CIS-1,2-DICHLOROETHENE	10	9.74	1		97	20	4
78-93-3	2-BUTANONE	40	48.1	10		120	30	0
67-66-3	CHLOROFORM	10	9.76	1		98	20	5
71-55-6	1,1,1-TRICHLOROETHANE	10	10	1		100	20	7
56-23-5	CARBON TETRACHLORIDE	10	10.2	1		102	20	6
107-06-2	1,2-DICHLOROETHANE	10	9.77	1		98	20	5
71-43-2	BENZENE	10	9.82	1		98	20	6
79-01-6	TRICHLOROETHENE	10	9.98	1		100	20	8
78-87-5	1,2-DICHLOROPROPANE	10	9.88	1		99	20	3
74-95-3	DIBROMOMETHANE	10	10.3	1		103	20	7
75-27-4	BROMODICHLOROMETHANE	10	9.83	1		98	20	6

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210322-33LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/22/2021

Date Analyzed: 03/22/2021

Prep Method: SW5030C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: N/A

File Name: C012

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
10061-01-5	CIS-1,3-DICHLOROPROPENE	10	10.3	1		103	20	7
108-10-1	4-METHYL-2-PENTANONE	40	48.4	10		121	30	6
108-88-3	TOLUENE	10	9.57	1		96	20	4
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10	10	1		100	20	4
79-00-5	1,1,2-TRICHLOROETHANE	10	10.6	1		106	20	6
591-78-6	2-HEXANONE	40	50.9	10		127	30	8
127-18-4	TETRACHLOROETHENE	10	9.67	1		97	20	2
124-48-1	DIBROMOCHLOROMETHANE	10	9.67	1		97	20	5
106-93-4	1,2-DIBROMOETHANE	10	10.3	1		103	20	6
108-90-7	CHLOROENZENE	10	9.62	1		96	20	5
630-20-6	1,1,1,2-TETRACHLOROETHANE	10	9.82	1		98	20	7
100-41-4	ETHYLBENZENE	10	10	1		100	20	5
179601-23-1	M+P-XYLENE	20	18.6	1		93	20	6
95-47-6	O-XYLENE	10	9.56	1		96	20	3
100-42-5	STYRENE	10	10.1	1		101	20	5
75-25-2	BROMOFORM	10	10.2	1		102	20	4
96-18-4	1,2,3-TRICHLOROPROPANE	10	11.2	1		112	20	7
79-34-5	1,1,2,2-TETRACHLOROETHANE	10	11.4	1		114	20	7
106-46-7	1,4-DICHLOROENZENE	10	9.88	1		99	20	9
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	10	11.4	2		114	20	8
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	10	12.2	2		122	20	7
75-05-8	ACETONITRILE	100	109	50		109	20	9
107-05-1	ALLYL CHLORIDE	10	9.8	1		98	20	3
97-63-2	ETHYL METHACRYLATE	10	11.5	1		115	20	9
78-83-1	ISOBUTYL ALCOHOL	200	276	100	*	138	20	15
126-98-7	METHACRYLONITRILE	10	11.6	10		116	20	8
80-62-6	METHYL METHACRYLATE	10	11.7	5		117	20	4

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Laboratory Control Sample and Laboratory Control Sample Duplicate**

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210322-33LCSD

Sample Matrix: WATER

Prep Batch: VL210322-33

Sample Aliquot: 10 ml

% Moisture: N/A

QC Batch ID: VL210322-33-2

Final Volume: 10 ml

Date Collected: N/A

Run ID: VL210322-33A

Result Units: UG/L

Date Extracted: 03/22/2021

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/22/2021

Basis: N/A

Prep Method: SW5030C

File Name: C012

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
107-12-0	PROPIONITRILE	100	125	50		125	20	6
126-99-8	CHLOROPRENE	10	10.3	1		103	20	8

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	25	97		99		70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	25	99		101		70 - 130
2037-26-5	TOLUENE-D8	25	97		98		70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210326-3LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/26/2021

Date Analyzed: 03/26/2021

Prep Method: SW5030C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: N/A

File Name: C1089

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
75-71-8	DICHLORODIFLUOROMETHANE	10	9.48	1		95	70 - 130%
74-87-3	CHLOROMETHANE	10	8.07	1		81	70 - 130%
75-01-4	VINYL CHLORIDE	10	9.05	1		91	70 - 130%
74-83-9	BROMOMETHANE	10	8.9	1		89	70 - 130%
75-00-3	CHLOROETHANE	10	9.46	1		95	70 - 130%
75-69-4	TRICHLOROFLUOROMETHANE	10	13.3	1	*	133	70 - 130%
107-02-8	ACROLEIN	100	159	50	*	159	70 - 130%
75-35-4	1,1-DICHLOROETHENE	10	10.1	1		101	70 - 130%
67-64-1	ACETONE	40	35.5	10		89	70 - 130%
74-88-4	IODOMETHANE	10	7.9	5		79	70 - 130%
75-15-0	CARBON DISULFIDE	10	9.94	1		99	70 - 130%
75-09-2	METHYLENE CHLORIDE	10	9.56	2		96	70 - 130%
156-60-5	TRANS-1,2-DICHLOROETHENE	10	9.73	1		97	70 - 130%
107-13-1	ACRYLONITRILE	100	107	10		107	70 - 130%
75-34-3	1,1-DICHLOROETHANE	10	9.86	1		99	70 - 130%
108-05-4	VINYL ACETATE	10	9.57	2		96	70 - 130%
156-59-2	CIS-1,2-DICHLOROETHENE	10	9.59	1		96	70 - 130%
78-93-3	2-BUTANONE	40	39.5	10		99	70 - 130%
67-66-3	CHLOROFORM	10	9.66	1		97	70 - 130%
71-55-6	1,1,1-TRICHLOROETHANE	10	10.1	1		101	70 - 130%
56-23-5	CARBON TETRACHLORIDE	10	10.2	1		102	70 - 130%
107-06-2	1,2-DICHLOROETHANE	10	9.21	1		92	70 - 130%
71-43-2	BENZENE	10	9.62	1		96	70 - 130%
79-01-6	TRICHLOROETHENE	10	9.6	1		96	70 - 130%
78-87-5	1,2-DICHLOROPROPANE	10	9.47	1		95	70 - 130%
74-95-3	DIBROMOMETHANE	10	9.9	1		99	70 - 130%
75-27-4	BROMODICHLOROMETHANE	10	9.52	1		95	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210326-3LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/26/2021

Date Analyzed: 03/26/2021

Prep Method: SW5030C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: N/A

File Name: C1089

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
10061-01-5	CIS-1,3-DICHLOROPROPENE	10	9.77	1		98	70 - 130%
108-10-1	4-METHYL-2-PENTANONE	40	40.6	10		101	70 - 130%
108-88-3	TOLUENE	10	9.34	1		93	70 - 130%
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10	9.92	1		99	70 - 130%
79-00-5	1,1,2-TRICHLOROETHANE	10	9.67	1		97	70 - 130%
591-78-6	2-HEXANONE	40	41.7	10		104	70 - 130%
127-18-4	TETRACHLOROETHENE	10	9.7	1		97	70 - 130%
124-48-1	DIBROMOCHLOROMETHANE	10	9.25	1		93	70 - 130%
106-93-4	1,2-DIBROMOETHANE	10	9.74	1		97	70 - 130%
108-90-7	CHLOROENZENE	10	9.29	1		93	70 - 130%
630-20-6	1,1,1,2-TETRACHLOROETHANE	10	9.47	1		95	70 - 130%
100-41-4	ETHYLBENZENE	10	9.57	1		96	70 - 130%
179601-23-1	M+P-XYLENE	20	18.2	1		91	70 - 130%
95-47-6	O-XYLENE	10	9.35	1		94	70 - 130%
100-42-5	STYRENE	10	9.64	1		96	70 - 130%
75-25-2	BROMOFORM	10	9.43	1		94	70 - 130%
96-18-4	1,2,3-TRICHLOROPROPANE	10	9.84	1		98	70 - 130%
79-34-5	1,1,2,2-TETRACHLOROETHANE	10	9.94	1		99	70 - 130%
106-46-7	1,4-DICHLOROENZENE	10	9.14	1		91	70 - 130%
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	10	9.07	2		91	70 - 130%
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	10	10.5	2		105	70 - 130%
75-05-8	ACETONITRILE	100	87.6	50		88	70 - 130%
107-05-1	ALLYL CHLORIDE	10	9.69	1		97	70 - 130%
97-63-2	ETHYL METHACRYLATE	10	10.3	1		103	70 - 130%
78-83-1	ISOBUTYL ALCOHOL	200	212	100		106	70 - 130%
126-98-7	METHACRYLONITRILE	10	10.1	10		101	70 - 130%
80-62-6	METHYL METHACRYLATE	10	10.7	5		107	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Laboratory Control Sample and Laboratory Control Sample Duplicate****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Lab ID:** VL210326-3LCS**Sample Matrix:** WATER**Prep Batch:** VL210326-3**Sample Aliquot:** 10 ml**% Moisture:** N/A**QC Batch ID:** VL210326-3-3**Final Volume:** 10 ml**Date Collected:** N/A**Run ID:** VL210326-3A**Result Units:** UG/L**Date Extracted:** 03/26/2021**Cleanup:** NONE**Clean DF:** 1**Date Analyzed:** 03/26/2021**Basis:** N/A**Prep Method:** SW5030C**File Name:** C1089

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
107-12-0	PROPIONITRILE	100	104	50		104	70 - 130%
126-99-8	CHLOROPRENE	10	9.87	1		99	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210326-3LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/26/2021

Date Analyzed: 03/26/2021

Prep Method: SW5030C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: N/A

File Name: C1090

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
75-71-8	DICHLORODIFLUOROMETHANE	10	9.26	1		93	20	2
74-87-3	CHLOROMETHANE	10	7.9	1		79	20	2
75-01-4	VINYL CHLORIDE	10	8.5	1		85	20	6
74-83-9	BROMOMETHANE	10	7.95	1		79	20	11
75-00-3	CHLOROETHANE	10	8.12	1		81	20	15
75-69-4	TRICHLOROFLUOROMETHANE	10	13	1		130	20	3
107-02-8	ACROLEIN	100	159	50	*	159	20	0
75-35-4	1,1-DICHLOROETHENE	10	9.58	1		96	20	6
67-64-1	ACETONE	40	35.1	10		88	30	1
74-88-4	IODOMETHANE	10	8.31	5		83	20	5
75-15-0	CARBON DISULFIDE	10	9.43	1		94	20	5
75-09-2	METHYLENE CHLORIDE	10	9.46	2		95	20	1
156-60-5	TRANS-1,2-DICHLOROETHENE	10	9.63	1		96	20	1
107-13-1	ACRYLONITRILE	100	110	10		110	20	3
75-34-3	1,1-DICHLOROETHANE	10	9.66	1		97	20	2
108-05-4	VINYL ACETATE	10	8.44	2		84	20	13
156-59-2	CIS-1,2-DICHLOROETHENE	10	9.32	1		93	20	3
78-93-3	2-BUTANONE	40	41.8	10		104	30	5
67-66-3	CHLOROFORM	10	9.51	1		95	20	2
71-55-6	1,1,1-TRICHLOROETHANE	10	9.56	1		96	20	5
56-23-5	CARBON TETRACHLORIDE	10	9.72	1		97	20	4
107-06-2	1,2-DICHLOROETHANE	10	9.48	1		95	20	3
71-43-2	BENZENE	10	9.34	1		93	20	3
79-01-6	TRICHLOROETHENE	10	9.51	1		95	20	1
78-87-5	1,2-DICHLOROPROPANE	10	9.57	1		96	20	1
74-95-3	DIBROMOMETHANE	10	9.83	1		98	20	1
75-27-4	BROMODICHLOROMETHANE	10	9.38	1		94	20	1

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210326-3LCSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 03/26/2021

Date Analyzed: 03/26/2021

Prep Method: SW5030C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: N/A

File Name: C1090

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
10061-01-5	CIS-1,3-DICHLOROPROPENE	10	9.61	1		96	20	2
108-10-1	4-METHYL-2-PENTANONE	40	41.3	10		103	30	2
108-88-3	TOLUENE	10	9.05	1		91	20	3
10061-02-6	TRANS-1,3-DICHLOROPROPENE	10	9.23	1		92	20	7
79-00-5	1,1,2-TRICHLOROETHANE	10	9.77	1		98	20	1
591-78-6	2-HEXANONE	40	41.3	10		103	30	1
127-18-4	TETRACHLOROETHENE	10	8.95	1		90	20	8
124-48-1	DIBROMOCHLOROMETHANE	10	8.92	1		89	20	4
106-93-4	1,2-DIBROMOETHANE	10	9.54	1		95	20	2
108-90-7	CHLOROENZENE	10	9.1	1		91	20	2
630-20-6	1,1,1,2-TETRACHLOROETHANE	10	8.98	1		90	20	5
100-41-4	ETHYLBENZENE	10	9.29	1		93	20	3
179601-23-1	M+P-XYLENE	20	17.6	1		88	20	3
95-47-6	O-XYLENE	10	9.01	1		90	20	4
100-42-5	STYRENE	10	9.39	1		94	20	3
75-25-2	BROMOFORM	10	9.23	1		92	20	2
96-18-4	1,2,3-TRICHLOROPROPANE	10	9.89	1		99	20	0
79-34-5	1,1,2,2-TETRACHLOROETHANE	10	10	1		100	20	1
106-46-7	1,4-DICHLOROENZENE	10	9.15	1		92	20	0
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	10	9.64	2		96	20	6
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	10	9.76	2		98	20	7
75-05-8	ACETONITRILE	100	90.3	50		90	20	3
107-05-1	ALLYL CHLORIDE	10	9.63	1		96	20	1
97-63-2	ETHYL METHACRYLATE	10	10.4	1		104	20	1
78-83-1	ISOBUTYL ALCOHOL	200	210	100		105	20	1
126-98-7	METHACRYLONITRILE	10	10.4	10		104	20	3
80-62-6	METHYL METHACRYLATE	10	10.5	5		105	20	2

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Laboratory Control Sample and Laboratory Control Sample Duplicate**

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Lab ID: VL210326-3LCSD

Sample Matrix: WATER

Prep Batch: VL210326-3

Sample Aliquot: 10 ml

% Moisture: N/A

QC Batch ID: VL210326-3-3

Final Volume: 10 ml

Date Collected: N/A

Run ID: VL210326-3A

Result Units: UG/L

Date Extracted: 03/26/2021

Cleanup: NONE

Clean DF: 1

Date Analyzed: 03/26/2021

Basis: N/A

Prep Method: SW5030C

File Name: C1090

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
107-12-0	PROPIONITRILE	100	103	50		103	20	1
126-99-8	CHLOROPRENE	10	9.56	1		96	20	3

Surrogate Recovery LCS/LCSD

CASNO	Target Analyte	Spike Added	LCS % Rec.	LCS Flag	LCSD % Rec.	LCSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	25	97		97		70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	25	100		99		70 - 130
2037-26-5	TOLUENE-D8	25	97		96		70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405M2

LabID: 2103280-1MS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C018

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-71-8	DICHLORODIFLUOROMETHANE	0.55	U	19.2		1	20	96	70 - 130%
74-87-3	CHLOROMETHANE	0.45	U	14.4		1	20	72	70 - 130%
75-01-4	VINYL CHLORIDE	0.38	U	17.1		1	20	85	70 - 130%
74-83-9	BROMOMETHANE	0.61	U	18.4		1	20	92	70 - 130%
75-00-3	CHLOROETHANE	0.47	U	16.7		1	20	84	70 - 130%
75-69-4	TRICHLOROFLUOROMETHANE	0.38	U	26.7	*	1	20	134	70 - 130%
107-02-8	ACROLEIN	6.8	U	357	*	50	200	178	70 - 130%
75-35-4	1,1-DICHLOROETHENE	0.48	U	19.7		1	20	98	70 - 130%
67-64-1	ACETONE	5.4	U	84		10	80	105	70 - 130%
74-88-4	IODOMETHANE	1.4	U	21		5	20	105	70 - 130%
75-15-0	CARBON DISULFIDE	0.31	U	20		1	20	100	70 - 130%
75-09-2	METHYLENE CHLORIDE	1	U	18.6		2	20	93	70 - 130%
156-60-5	TRANS-1,2-DICHLOROETHENE	0.42	U	19.5		1	20	97	70 - 130%
107-13-1	ACRYLONITRILE	4.8	U	234		10	200	117	70 - 130%
75-34-3	1,1-DICHLOROETHANE	0.32	U	19.6		1	20	98	70 - 130%
108-05-4	VINYL ACETATE	0.8	U	20.8		2	20	104	70 - 130%
156-59-2	CIS-1,2-DICHLOROETHENE	0.39	U	18.8		1	20	94	70 - 130%
78-93-3	2-BUTANONE	3	U	95.5		10	80	119	70 - 130%
67-66-3	CHLOROFORM	0.97	J	20		1	20	95	70 - 130%
71-55-6	1,1,1-TRICHLOROETHANE	0.36	U	19.7		1	20	99	70 - 130%
56-23-5	CARBON TETRACHLORIDE	0.8	J	20.8		1	20	100	70 - 130%
107-06-2	1,2-DICHLOROETHANE	0.41	U	19.5		1	20	98	70 - 130%
71-43-2	BENZENE	0.3	U	19.2		1	20	96	70 - 130%
79-01-6	TRICHLOROETHENE	0.5	U	19.5		1	20	98	70 - 130%
78-87-5	1,2-DICHLOROPROPANE	0.33	U	19.4		1	20	97	70 - 130%
74-95-3	DIBROMOMETHANE	0.32	U	20.5		1	20	102	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405M2

LabID: 2103280-1MS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C018

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-27-4	BROMODICHLOROMETHANE	0.32	U	19.4		1	20	97	70 - 130%
10061-01-5	CIS-1,3-DICHLOROPROPENE	0.3	U	20		1	20	100	70 - 130%
108-10-1	4-METHYL-2-PENTANONE	3	U	94		10	80	117	70 - 130%
108-88-3	TOLUENE	0.34	U	18.8		1	20	94	70 - 130%
10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.3	U	20.4		1	20	102	70 - 130%
79-00-5	1,1,2-TRICHLOROETHANE	0.33	U	20.6		1	20	103	70 - 130%
591-78-6	2-HEXANONE	3	U	99.6		10	80	124	70 - 130%
127-18-4	TETRACHLOROETHENE	0.35	U	18.6		1	20	93	70 - 130%
124-48-1	DIBROMOCHLOROMETHANE	0.31	U	20		1	20	100	70 - 130%
106-93-4	1,2-DIBROMOETHANE	0.37	U	20.7		1	20	103	70 - 130%
108-90-7	CHLOROBENZENE	0.34	U	19		1	20	95	70 - 130%
630-20-6	1,1,1,2-TETRACHLOROETHANE	0.31	U	19.4		1	20	97	70 - 130%
100-41-4	ETHYLBENZENE	0.33	U	19.3		1	20	97	70 - 130%
100-42-5	STYRENE	0.3	U	19.8		1	20	99	70 - 130%
75-25-2	BROMOFORM	0.3	U	20.8		1	20	104	70 - 130%
96-18-4	1,2,3-TRICHLOROPROPANE	0.51	U	21.9		1	20	109	70 - 130%
79-34-5	1,1,1,2-TETRACHLOROETHANE	0.39	U	22		1	20	110	70 - 130%
106-46-7	1,4-DICHLOROETHANE	0.3	U	18.9		1	20	95	70 - 130%
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.71	U	22.8		2	20	114	70 - 130%
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	0.6	U	24		2	20	120	70 - 130%
75-05-8	ACETONITRILE	15	U	223		50	200	111	70 - 130%
107-05-1	ALLYL CHLORIDE	0.3	U	20.1		1	20	100	70 - 130%
97-63-2	ETHYL METHACRYLATE	0.34	U	22.7		1	20	114	70 - 130%
78-83-1	ISOBUTYL ALCOHOL	30	U	530	*	100	400	133	70 - 130%
126-98-7	METHACRYLONITRILE	3	U	22.6		10	20	113	70 - 130%
80-62-6	METHYL METHACRYLATE	1.5	U	23.1		5	20	116	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405M2

LabID: 2103280-1MS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C018

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
107-12-0	PROPIONITRILE	5.3	U	252		50	200	126	70 - 130%
126-99-8	CHLOROPRENE	0.34	U	19.7		1	20	99	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405M2

LabID: 2103280-1MSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C019

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-71-8	DICHLORODIFLUOROMETHANE	20.4		20	102	1	20	6
74-87-3	CHLOROMETHANE	16.2		20	81	1	20	12
75-01-4	VINYL CHLORIDE	19.6		20	98	1	20	14
74-83-9	BROMOMETHANE	23.1	+	20	115	1	20	23
75-00-3	CHLOROETHANE	19		20	95	1	20	13
75-69-4	TRICHLOROFLUOROMETHANE	22.3		20	111	1	20	18
107-02-8	ACROLEIN	374	*	200	187	50	20	5
75-35-4	1,1-DICHLOROETHENE	21.1		20	105	1	20	7
67-64-1	ACETONE	90.6		80	113	10	30	8
74-88-4	IODOMETHANE	23		20	115	5	20	9
75-15-0	CARBON DISULFIDE	21.4		20	107	1	20	6
75-09-2	METHYLENE CHLORIDE	19.8		20	99	2	20	6
156-60-5	TRANS-1,2-DICHLOROETHENE	20.2		20	101	1	20	4
107-13-1	ACRYLONITRILE	248		200	124	10	20	6
75-34-3	1,1-DICHLOROETHANE	20.5		20	102	1	20	4
108-05-4	VINYL ACETATE	21.5		20	107	2	20	3
156-59-2	CIS-1,2-DICHLOROETHENE	19.8		20	99	1	20	5
78-93-3	2-BUTANONE	101		80	127	10	30	6
67-66-3	CHLOROFORM	21.1		20	101	1	20	5
71-55-6	1,1,1-TRICHLOROETHANE	20.7		20	103	1	20	5
56-23-5	CARBON TETRACHLORIDE	21.7		20	104	1	20	4
107-06-2	1,2-DICHLOROETHANE	20.1		20	101	1	20	3
71-43-2	BENZENE	20		20	100	1	20	4
79-01-6	TRICHLOROETHENE	20.3		20	101	1	20	4
78-87-5	1,2-DICHLOROPROPANE	20.5		20	103	1	20	6
74-95-3	DIBROMOMETHANE	21.6		20	108	1	20	5

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405M2

LabID: 2103280-1MSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C019

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-27-4	BROMODICHLOROMETHANE	20.4		20	102	1	20	5
10061-01-5	CIS-1,3-DICHLOROPROPENE	21.1		20	106	1	20	5
108-10-1	4-METHYL-2-PENTANONE	99.7		80	125	10	30	6
108-88-3	TOLUENE	19.7		20	98	1	20	5
10061-02-6	TRANS-1,3-DICHLOROPROPENE	21.4		20	107	1	20	5
79-00-5	1,1,2-TRICHLOROETHANE	21.4		20	107	1	20	4
591-78-6	2-HEXANONE	104		80	130	10	30	5
127-18-4	TETRACHLOROETHENE	19.4		20	97	1	20	4
124-48-1	DIBROMOCHLOROMETHANE	20.8		20	104	1	20	4
106-93-4	1,2-DIBROMOETHANE	21.3		20	106	1	20	3
108-90-7	CHLOROBENZENE	19.5		20	98	1	20	3
630-20-6	1,1,1,2-TETRACHLOROETHANE	19.9		20	100	1	20	3
100-41-4	ETHYLBENZENE	20.2		20	101	1	20	4
100-42-5	STYRENE	20.7		20	104	1	20	4
75-25-2	BROMOFORM	22		20	110	1	20	5
96-18-4	1,2,3-TRICHLOROPROPANE	21.9		20	109	1	20	0
79-34-5	1,1,1,2-TETRACHLOROETHANE	22.9		20	114	1	20	4
106-46-7	1,4-DICHLOROENZENE	19.6		20	98	1	20	4
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	23.3		20	116	2	20	2
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	24.8		20	124	2	20	3
75-05-8	ACETONITRILE	234		200	117	50	20	5
107-05-1	ALLYL CHLORIDE	20.5		20	102	1	20	2
97-63-2	ETHYL METHACRYLATE	24.1		20	120	1	20	6
78-83-1	ISOBUTYL ALCOHOL	548	*	400	137	100	20	3
126-98-7	METHACRYLONITRILE	23.3		20	116	10	20	3
80-62-6	METHYL METHACRYLATE	24.6		20	123	5	20	6

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405M2

LabID: 2103280-1MSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 22-Mar-21

Date Analyzed: 22-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210322-33

QCBatchID: VL210322-33-2

Run ID: VL210322-33A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C019

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
107-12-0	PROPIONITRILE	260		200	130	50	20	3
126-99-8	CHLOROPRENE	20.7		20	104	1	20	5

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	25	98		99		70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	25	100		100		70 - 130
2037-26-5	TOLUENE-D8	25	99		98		70 - 130

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405N2
LabID: 2103280-6MS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C1102

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-71-8	DICHLORODIFLUOROMETHANE	0.55	UX	9.81	X	1	10	98	70 - 130%
74-87-3	CHLOROMETHANE	0.45	UX	8.8	X	1	10	88	70 - 130%
75-01-4	VINYL CHLORIDE	0.38	UX	10.4	X	1	10	104	70 - 130%
74-83-9	BROMOMETHANE	0.61	UX	9.37	X	1	10	94	70 - 130%
75-00-3	CHLOROETHANE	0.47	UX	11.1	X	1	10	111	70 - 130%
75-69-4	TRICHLOROFLUOROMETHANE	0.38	UX	9.42	X	1	10	94	70 - 130%
107-02-8	ACROLEIN	6.8	UX	135	*X	50	100	135	70 - 130%
75-35-4	1,1-DICHLOROETHENE	0.48	UX	10.2	X	1	10	102	70 - 130%
67-64-1	ACETONE	5.4	UX	33.1	X	10	40	83	70 - 130%
74-88-4	IODOMETHANE	1.4	UX	9.24	X	5	10	92	70 - 130%
75-15-0	CARBON DISULFIDE	0.31	UX	9.99	X	1	10	100	70 - 130%
75-09-2	METHYLENE CHLORIDE	1	UX	9.82	X	2	10	98	70 - 130%
156-60-5	TRANS-1,2-DICHLOROETHENE	0.42	UX	10	X	1	10	100	70 - 130%
107-13-1	ACRYLONITRILE	4.8	UX	97.2	X	10	100	97	70 - 130%
75-34-3	1,1-DICHLOROETHANE	0.32	UX	9.78	X	1	10	98	70 - 130%
108-05-4	VINYL ACETATE	0.8	UX	9.51	X	2	10	95	70 - 130%
156-59-2	CIS-1,2-DICHLOROETHENE	0.39	UX	9.94	X	1	10	99	70 - 130%
78-93-3	2-BUTANONE	3	UX	37.8	X	10	40	95	70 - 130%
67-66-3	CHLOROFORM	0.71	JX	10.5	X	1	10	98	70 - 130%
71-55-6	1,1,1-TRICHLOROETHANE	0.36	UX	10.3	X	1	10	103	70 - 130%
56-23-5	CARBON TETRACHLORIDE	2.1	X	12.4	X	1	10	103	70 - 130%
107-06-2	1,2-DICHLOROETHANE	0.41	UX	9.4	X	1	10	94	70 - 130%
71-43-2	BENZENE	0.3	UX	9.81	X	1	10	98	70 - 130%
79-01-6	TRICHLOROETHENE	0.5	UX	9.95	X	1	10	100	70 - 130%
78-87-5	1,2-DICHLOROPROPANE	0.33	UX	9.49	X	1	10	95	70 - 130%
74-95-3	DIBROMOMETHANE	0.32	UX	10.1	X	1	10	101	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405N2
LabID: 2103280-6MS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C1102

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
75-27-4	BROMODICHLOROMETHANE	0.32	UX	9.33	X	1	10	93	70 - 130%
10061-01-5	CIS-1,3-DICHLOROPROPENE	0.3	UX	10.1	X	1	10	101	70 - 130%
108-10-1	4-METHYL-2-PENTANONE	3	UX	38.1	X	10	40	95	70 - 130%
108-88-3	TOLUENE	0.34	UX	9.78	X	1	10	98	70 - 130%
10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.3	UX	10.1	X	1	10	101	70 - 130%
79-00-5	1,1,2-TRICHLOROETHANE	0.33	UX	10.1	X	1	10	101	70 - 130%
591-78-6	2-HEXANONE	3	UX	41.9	X	10	40	105	70 - 130%
127-18-4	TETRACHLOROETHENE	0.35	UX	9.72	X	1	10	97	70 - 130%
124-48-1	DIBROMOCHLOROMETHANE	0.31	UX	9.28	X	1	10	93	70 - 130%
106-93-4	1,2-DIBROMOETHANE	0.37	UX	10.1	X	1	10	101	70 - 130%
108-90-7	CHLOROBENZENE	0.34	UX	9.79	X	1	10	98	70 - 130%
630-20-6	1,1,1,2-TETRACHLOROETHANE	0.31	UX	9.69	X	1	10	97	70 - 130%
100-41-4	ETHYLBENZENE	0.33	UX	10.2	X	1	10	102	70 - 130%
100-42-5	STYRENE	0.3	UX	9.96	X	1	10	100	70 - 130%
75-25-2	BROMOFORM	0.3	UX	8.83	X	1	10	88	70 - 130%
96-18-4	1,2,3-TRICHLOROPROPANE	0.51	UX	9.95	X	1	10	100	70 - 130%
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.39	UX	10.7	X	1	10	107	70 - 130%
106-46-7	1,4-DICHLOROBENZENE	0.3	UX	9.65	X	1	10	96	70 - 130%
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.71	UX	9.56	X	2	10	96	70 - 130%
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	0.6	UX	10.2	X	2	10	102	70 - 130%
75-05-8	ACETONITRILE	15	UX	72.8	X	50	100	73	70 - 130%
107-05-1	ALLYL CHLORIDE	0.3	UX	10.3	X	1	10	103	70 - 130%
97-63-2	ETHYL METHACRYLATE	0.34	UX	10.7	X	1	10	107	70 - 130%
78-83-1	ISOBUTYL ALCOHOL	30	UX	179	X	100	200	89	70 - 130%
126-98-7	METHACRYLONITRILE	3	UX	10.1	X	10	10	101	70 - 130%
80-62-6	METHYL METHACRYLATE	1.5	UX	10.2	X	5	10	102	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Matrix Spike And Matrix Spike Duplicate****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Field ID:** B405N2**LabID:** 2103280-6MS**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** 11-Mar-21**Date Extracted:** 26-Mar-21**Date Analyzed:** 26-Mar-21**Prep Method:** SW5030 Rev C**Prep Batch:** VL210326-3**QCBatchID:** VL210326-3-3**Run ID:** VL210326-3A**Cleanup:** NONE**Basis:** As Received**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**File Name:** C1102

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
107-12-0	PROPIONITRILE	5.3	UX	95.9	X	50	100	96	70 - 130%
126-99-8	CHLOROPRENE	0.34	UX	9.97	X	1	10	100	70 - 130%

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405N2
LabID: 2103280-6MSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C1103

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-71-8	DICHLORODIFLUOROMETHANE	9.46	X	10	95	1	20	4
74-87-3	CHLOROMETHANE	9.93	X	10	99	1	20	12
75-01-4	VINYL CHLORIDE	11.3	X	10	113	1	20	9
74-83-9	BROMOMETHANE	11	X	10	110	1	20	16
75-00-3	CHLOROETHANE	12.4	X	10	124	1	20	11
75-69-4	TRICHLOROFLUOROMETHANE	9.34	X	10	93	1	20	1
107-02-8	ACROLEIN	134	*X	100	134	50	20	0
75-35-4	1,1-DICHLOROETHENE	9.77	X	10	98	1	20	5
67-64-1	ACETONE	33.9	X	40	85	10	30	2
74-88-4	IODOMETHANE	9.34	X	10	93	5	20	1
75-15-0	CARBON DISULFIDE	9.54	X	10	95	1	20	5
75-09-2	METHYLENE CHLORIDE	9.23	X	10	92	2	20	6
156-60-5	TRANS-1,2-DICHLOROETHENE	9.7	X	10	97	1	20	3
107-13-1	ACRYLONITRILE	99.2	X	100	99	10	20	2
75-34-3	1,1-DICHLOROETHANE	9.69	X	10	97	1	20	1
108-05-4	VINYL ACETATE	9.09	X	10	91	2	20	5
156-59-2	CIS-1,2-DICHLOROETHENE	9.57	X	10	96	1	20	4
78-93-3	2-BUTANONE	40.4	X	40	101	10	30	7
67-66-3	CHLOROFORM	10.3	X	10	96	1	20	2
71-55-6	1,1,1-TRICHLOROETHANE	9.89	X	10	99	1	20	4
56-23-5	CARBON TETRACHLORIDE	11.9	X	10	98	1	20	4
107-06-2	1,2-DICHLOROETHANE	9.31	X	10	93	1	20	1
71-43-2	BENZENE	9.34	X	10	93	1	20	5
79-01-6	TRICHLOROETHENE	9.77	X	10	98	1	20	2
78-87-5	1,2-DICHLOROPROPANE	9.43	X	10	94	1	20	1
74-95-3	DIBROMOMETHANE	9.99	X	10	100	1	20	1

Data Package ID: VL2103280-1

GC/MS Volatiles

Method SW8260_25C

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2103280

Client Name: Central Plateau Cleanup Company, LLC

ClientProject ID: SURV, March 2021 S21-003

Field ID: B405N2
LabID: 2103280-6MSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 11-Mar-21

Date Extracted: 26-Mar-21

Date Analyzed: 26-Mar-21

Prep Method: SW5030 Rev C

Prep Batch: VL210326-3

QCBatchID: VL210326-3-3

Run ID: VL210326-3A

Cleanup: NONE

Basis: As Received

Sample Aliquot: 10 ml

Final Volume: 10 ml

Result Units: UG/L

File Name: C1103

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
75-27-4	BROMODICHLOROMETHANE	9.41	X	10	94	1	20	1
10061-01-5	CIS-1,3-DICHLOROPROPENE	9.53	X	10	95	1	20	6
108-10-1	4-METHYL-2-PENTANONE	38.3	X	40	96	10	30	0
108-88-3	TOLUENE	9.49	X	10	95	1	20	3
10061-02-6	TRANS-1,3-DICHLOROPROPENE	9.84	X	10	98	1	20	3
79-00-5	1,1,2-TRICHLOROETHANE	9.86	X	10	99	1	20	2
591-78-6	2-HEXANONE	42.3	X	40	106	10	30	1
127-18-4	TETRACHLOROETHENE	9.48	X	10	95	1	20	2
124-48-1	DIBROMOCHLOROMETHANE	9	X	10	90	1	20	3
106-93-4	1,2-DIBROMOETHANE	9.98	X	10	100	1	20	1
108-90-7	CHLOROBENZENE	9.76	X	10	98	1	20	0
630-20-6	1,1,1,2-TETRACHLOROETHANE	9.52	X	10	95	1	20	2
100-41-4	ETHYLBENZENE	9.83	X	10	98	1	20	3
100-42-5	STYRENE	9.78	X	10	98	1	20	2
75-25-2	BROMOFORM	8.85	X	10	89	1	20	0
96-18-4	1,2,3-TRICHLOROPROPANE	10.3	X	10	103	1	20	4
79-34-5	1,1,2,2-TETRACHLOROETHANE	10.5	X	10	105	1	20	3
106-46-7	1,4-DICHLOROBENZENE	9.49	X	10	95	1	20	2
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	9.22	X	10	92	2	20	4
110-57-6	TRANS-1,4-DICHLORO-2-BUTENE	10.2	X	10	102	2	20	0
75-05-8	ACETONITRILE	78.2	X	100	78	50	20	7
107-05-1	ALLYL CHLORIDE	9.46	X	10	95	1	20	8
97-63-2	ETHYL METHACRYLATE	10.2	X	10	102	1	20	5
78-83-1	ISOBUTYL ALCOHOL	176	X	200	88	100	20	2
126-98-7	METHACRYLONITRILE	9.95	JX	10	100	10	20	1
80-62-6	METHYL METHACRYLATE	10.6	X	10	106	5	20	4

Data Package ID: VL2103280-1

GC/MS Volatiles**Method SW8260_25C****Matrix Spike And Matrix Spike Duplicate****Lab Name:** ALS -- Fort Collins**Work Order Number:** 2103280**Client Name:** Central Plateau Cleanup Company, LLC**ClientProject ID:** SURV, March 2021 S21-003**Field ID:** B405N2**LabID:** 2103280-6MSD**Sample Matrix:** WATER**% Moisture:** N/A**Date Collected:** 11-Mar-21**Date Extracted:** 26-Mar-21**Date Analyzed:** 26-Mar-21**Prep Method:** SW5030 Rev C**Prep Batch:** VL210326-3**QCBatchID:** VL210326-3-3**Run ID:** VL210326-3A**Cleanup:** NONE**Basis:** As Received**Sample Aliquot:** 10 ml**Final Volume:** 10 ml**Result Units:** UG/L**File Name:** C1103

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
107-12-0	PROPIONITRILE	97.6	X	100	98	50	20	2
126-99-8	CHLOROPRENE	9.48	X	10	95	1	20	5

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
460-00-4	4-BROMOFLUOROBENZENE	25	100		99		70 - 130
1868-53-7	DIBROMOFLUOROMETHANE	25	99		98		70 - 130
2037-26-5	TOLUENE-D8	25	99		99		70 - 130

Data Package ID: VL2103280-1

Prep Batch ID: VL210322-33

Start Date: 03/22/21

End Date: 03/23/21

Concentration Method: NONE

Batch Created By: twk

Start Time: 14:01

End Time: 0:59

Extract Method: SW5030C

Date Created: 03/22/21

Prep Analyst: Tyler Knaebel

Initial Volume Units: ml

Time Created: 15:24

Comments:

Final Volume Units: ml

Validated By: twk

Date Validated: 03/25/21

Time Validated: 10:27

QC Batch ID: VL210322-33-2

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
VL210322-33	MB	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103280
VL210322-33	LCS	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103280
VL210322-33	LCSD	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103280
2103280-1	MS	B405M2	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-1	MSD	B405M2	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-1	SMP	B405M2	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-2	SMP	B405M6	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-3	SMP	B405M8	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-4	SMP	B405M9	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-5	SMP	B405N1	WATER	3/11/2021	10	10	NONE	1	2103280

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

Prep Batch ID: VL210326-3

Start Date: 03/26/21

End Date: 03/26/21

Concentration Method: NONE

Batch Created By: twk

Start Time: 12:54

End Time: 23:28

Extract Method: SW5030C

Date Created: 03/27/21

Prep Analyst: Tyler Knaebel

Initial Volume Units: ml

Time Created: 17:56

Comments:

Final Volume Units: ml

Validated By: twk

Date Validated: 03/27/21

Time Validated: 18:26

QC Batch ID: VL210326-3-3

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
VL210326-3	MB	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103280
VL210326-3	LCS	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103280
VL210326-3	LCSD	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103280
2103280-6	MS	B405N2	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-6	MSD	B405N2	WATER	3/11/2021	10	10	NONE	1	2103280
2103280-6	SMP	B405N2	WATER	3/11/2021	10	10	NONE	1	2103280
2103435-1	SMP	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103435
2103436-19	SMP	XXXXXX	WATER	XXXXXX	10	10	NONE	1	2103436

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification
LOQV	Limit of Quantitation Verification	MB	Method Blank
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate
REP	Sample replicate	RVS	Reporting Level Verification Standar
SMP	Field Sample	SYS	Sample Yield Spike



Ft. Collins, Colorado

CONTROLLED NON-CONFORMANCE REPORT

Non-Conformance

Initiated By: Katie M. OBrien on 3/31/2021

Event Type: Laboratory Incident/Error

Event Explanation: Due to analyst over sight, sample 2103280-6 and associated -6MS/MSD were analyzed one day outside of holding time.

Action To

Prevent Recurrence: Not Applicable

Corrective Action

Corrective Action: Document in Narrative

Department Manager Approval:

Approval Date:

Corrective Action Comments: Also flag the affected data

Workorders Affected

Workorder -- Procedure	Approved By	Approval Date
2103280 -- SW8260_25	Katie M. OBrien	3/31/2021

CPCC was contacted on 3/31/2021

There Are No Associated Batches

NCR Approval

Project Manager Approval: KMO on 3/31/2021

Department Manager Approval:

QA Manager Approval: