

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : KILO PIER

PACIFIC COMMERCIAL SERVICES INC.

P.O Box 235117

Honolulu, HI - 96823

Phone No: 808-729-0889

ORDER ID : Q3574

ATTENTION : Wendi Zheng



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3574

Project ID : Kilo Pier

Client : Pacific Commercial Services Inc.

Lab Sample Number

Q3574-01
Q3574-02
Q3574-03

Client Sample Number

304641-01 Liquid
304641-01 Liquid
304614-01 fuel

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 11/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Pacific Commercial Services Inc.

Project Name: Kilo Pier

Project # N/A

Order ID # Q3574

Test Name: VOC-TCLVOA-10,SVOC-PAH,Gasoline Range Organics,TPH GC,Mercury,Metals ICP-TAL,TCLP ICP Metals,TCLP Mercury,Flash Point,pH

A. Number of Samples and Date of Receipt:

3 Water samples were received on 11/07/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOC-PAH,Gasoline Range Organics,TPH GC,Mercury,Metals ICP-TAL,TCLP ICP Metals,TCLP Mercury,Flash Point,pH. This data package contains results for VOC-TCLVOA-10(8260-Low),SVOC-PAH(8270E),Gasoline Range Organics(8015D),TPH GC(8015D),Mercury(7470A),Metals ICP-TAL(6010D),TCLP ICP Metals(6010D),TCLP Mercury(7470A),Flash Point(1010B),pH(9040C).

C. Analytical Techniques:

VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-TCLVOA-10 was based on method 8260-Low.

SVOC-PAH : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOC-PAH was based on method 8270E and extraction was done based on method 3510.

TPH GC : The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of TPH GC was based on method 8015D and extraction was done based on method 3510.

Gasoline Range Organics : The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909.The analysis of Gasoline Range Organics was based on method 8015D.

Mercury,Metals ICP-TAL : The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

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TCLP ICP Metals,TCLP Mercury : The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

Wetchem : The analysis of Flash Point was based on method 1010B and The analysis of pH was based on method 9040C.

D. QA/ QC Samples:

The Holding Times were met for all analysis except following Wetchem : 304641-01 Liquid of pH as sample was receive out of holding time.

The Surrogate recoveries were met for all analysis except following SVOC-PAH : 304641-01 Liquid [Terphenyl-d14 - 36%], as per method one base surrogate allow to fail therefore no corrective action taken.

The Surrogate recoveries were met for all analysis except following TPH GC : 304641-01 Liquid [TETRACOSANE-d50 - 1725%]. Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following Mercury,Metals ICP-TAL : The Matrix Spike (SW-3MS) analysis met criteria for all compounds except for Iron, Silver, Thallium and Zinc due to Chemical Interference during Digestion Process.

TCLP ICP Metals,TCLP Mercury : The Matrix Spike (S-2MS) analysis met criteria for all compounds except for Barium due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following Mercury,Metals ICP-TAL : The Matrix Spike Duplicate (SW-1MSD) analysis met criteria for all compounds except for Mercury due to Sample Matrix interference. The Matrix Spike Duplicate (SW-3MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Iron, Silver and Zinc due to Chemical Interference during Digestion Process.

TCLP ICP Metals,TCLP Mercury : The Matrix Spike Duplicate (S-2MSD) analysis met criteria for all compounds except for Barium due to Chemical Interference during Digestion Process.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all compounds.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

TCLP ICP Metals,TCLP Mercury : The Post Digest Spike (S-2A) analysis met criteria for all compounds except for Barium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

Mercury,Metals ICP-TAL : The Post Digest Spike (SW-3A) analysis met criteria for all compounds except for Iron, Thallium and Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

SVOC-PAH : The not QT review data is reported in the Miscellaneous.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3574

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/20/2025

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water	VOC-TCLVOA-10	8260-Low	11/04/25		11/12/25	11/07/25

Hit Summary Sheet
SW-846

SDG No.: Q3574
Client: Pacific Commercial Services Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID: 304641-01 Liquid									
Q3574-01	304641-01 Liquid	Water	Acetone	60.3		15.1	37.5	50.0	ug/L
Q3574-01	304641-01 Liquid	Water	Methylcyclohexane	11.7		1.60	5.00	10.0	ug/L
Q3574-01	304641-01 Liquid	Water	Trichloroethene	73.8		0.93	7.50	10.0	ug/L
Q3574-01	304641-01 Liquid	Water	Toluene	43.7		1.40	5.00	10.0	ug/L
Q3574-01	304641-01 Liquid	Water	Ethyl Benzene	24.6		1.30	5.00	10.0	ug/L
Q3574-01	304641-01 Liquid	Water	m/p-Xylenes	110		2.40	10.0	20.0	ug/L
Q3574-01	304641-01 Liquid	Water	o-Xylene	79.1		1.20	5.00	10.0	ug/L
Q3574-01	304641-01 Liquid	Water	Isopropylbenzene	4.60	J	1.20	5.00	10.0	ug/L
Total Voc :				408					
Q3574-01	304641-01 Liquid	Water	Dodecane	* 930	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	Tridecane	* 600	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	Undecane	* 770	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	Undecane, 5-methyl-	* 770	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	Benzene, 2-ethenyl-1,4-dimethy	* 730	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	Naphthalene, 1,2,3,4-tetrahydc	* 850	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	Dodecane, 4,6-dimethyl-	* 860	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	trans-Decalin, 2-methyl-	* 500	J	0		0	ug/L
Q3574-01	304641-01 Liquid	Water	n-propylbenzene	* 31.5	J	1.30		10.0	ug/L
Q3574-01	304641-01 Liquid	Water	1,3,5-Trimethylbenzene	* 70.3	J	1.50		10.0	ug/L
Q3574-01	304641-01 Liquid	Water	1,2,4-Trimethylbenzene	* 260	J	1.40		10.0	ug/L
Q3574-01	304641-01 Liquid	Water	sec-Butylbenzene	* 9.80	J	1.30		10.0	ug/L
Q3574-01	304641-01 Liquid	Water	p-Isopropyltoluene	* 8.50	J	1.30		10.0	ug/L
Q3574-01	304641-01 Liquid	Water	n-Butylbenzene	* 65.8	J	1.50		10.0	ug/L
Total Tics :				6460					
Total Concentration:				6860					



SAMPLE DATA

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: 304641-01 Liquid
Lab Sample ID: Q3574-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/04/25
Date Received: 11/07/25
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	5.00	U	10	2.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
74-87-3	Chloromethane	5.00	U	10	3.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
75-01-4	Vinyl Chloride	7.50	U	10	2.60	7.50	10.0	ug/L	11/12/25 14:02	VX111225
74-83-9	Bromomethane	37.5	U	10	14.4	37.5	50.0	ug/L	11/12/25 14:02	VX111225
75-00-3	Chloroethane	7.50	U	10	4.70	7.50	10.0	ug/L	11/12/25 14:02	VX111225
75-69-4	Trichlorofluoromethane	5.00	U	10	3.30	5.00	10.0	ug/L	11/12/25 14:02	VX111225
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	10	2.50	5.00	10.0	ug/L	11/12/25 14:02	VX111225
75-35-4	1,1-Dichloroethene	7.50	U	10	2.30	7.50	10.0	ug/L	11/12/25 14:02	VX111225
67-64-1	Acetone	60.3		10	15.1	37.5	50.0	ug/L	11/12/25 14:02	VX111225
75-15-0	Carbon Disulfide	7.50	U	10	2.10	7.50	10.0	ug/L	11/12/25 14:02	VX111225
1634-04-4	Methyl tert-butyl Ether	5.00	U	10	1.60	5.00	10.0	ug/L	11/12/25 14:02	VX111225
79-20-9	Methyl Acetate	7.50	U	10	2.70	7.50	10.0	ug/L	11/12/25 14:02	VX111225
75-09-2	Methylene Chloride	5.00	U	10	2.80	5.00	10.0	ug/L	11/12/25 14:02	VX111225
156-60-5	trans-1,2-Dichloroethene	5.00	U	10	2.30	5.00	10.0	ug/L	11/12/25 14:02	VX111225
75-34-3	1,1-Dichloroethane	5.00	U	10	2.30	5.00	10.0	ug/L	11/12/25 14:02	VX111225
110-82-7	Cyclohexane	25.0	U	10	14.5	25.0	50.0	ug/L	11/12/25 14:02	VX111225
78-93-3	2-Butanone	25.0	U	10	9.80	25.0	50.0	ug/L	11/12/25 14:02	VX111225
56-23-5	Carbon Tetrachloride	5.00	U	10	2.50	5.00	10.0	ug/L	11/12/25 14:02	VX111225
156-59-2	cis-1,2-Dichloroethene	7.50	U	10	1.90	7.50	10.0	ug/L	11/12/25 14:02	VX111225
74-97-5	Bromochloromethane	5.00	U	10	2.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
67-66-3	Chloroform	5.00	U	10	2.50	5.00	10.0	ug/L	11/12/25 14:02	VX111225
71-55-6	1,1,1-Trichloroethane	5.00	U	10	2.00	5.00	10.0	ug/L	11/12/25 14:02	VX111225
108-87-2	Methylcyclohexane	11.7		10	1.60	5.00	10.0	ug/L	11/12/25 14:02	VX111225
71-43-2	Benzene	5.00	U	10	1.50	5.00	10.0	ug/L	11/12/25 14:02	VX111225
107-06-2	1,2-Dichloroethane	5.00	U	10	2.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
79-01-6	Trichloroethene	73.8		10	0.93	7.50	10.0	ug/L	11/12/25 14:02	VX111225
78-87-5	1,2-Dichloropropane	5.00	U	10	2.00	5.00	10.0	ug/L	11/12/25 14:02	VX111225
75-27-4	Bromodichloromethane	5.00	U	10	2.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
108-10-1	4-Methyl-2-Pentanone	25.0	U	10	6.80	25.0	50.0	ug/L	11/12/25 14:02	VX111225
108-88-3	Toluene	43.7		10	1.40	5.00	10.0	ug/L	11/12/25 14:02	VX111225
10061-02-6	t-1,3-Dichloropropene	5.00	U	10	1.70	5.00	10.0	ug/L	11/12/25 14:02	VX111225
10061-01-5	cis-1,3-Dichloropropene	5.00	U	10	1.60	5.00	10.0	ug/L	11/12/25 14:02	VX111225
79-00-5	1,1,2-Trichloroethane	5.00	U	10	2.10	5.00	10.0	ug/L	11/12/25 14:02	VX111225
591-78-6	2-Hexanone	25.0	U	10	8.90	25.0	50.0	ug/L	11/12/25 14:02	VX111225
124-48-1	Dibromochloromethane	5.00	U	10	1.80	5.00	10.0	ug/L	11/12/25 14:02	VX111225
106-93-4	1,2-Dibromoethane	5.00	U	10	1.50	5.00	10.0	ug/L	11/12/25 14:02	VX111225
127-18-4	Tetrachloroethene	5.00	U	10	2.30	5.00	10.0	ug/L	11/12/25 14:02	VX111225
108-90-7	Chlorobenzene	5.00	U	10	1.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
100-41-4	Ethyl Benzene	24.6		10	1.30	5.00	10.0	ug/L	11/12/25 14:02	VX111225
179601-23-1	m/p-Xylenes	110		10	2.40	10.0	20.0	ug/L	11/12/25 14:02	VX111225
95-47-6	o-Xylene	79.1		10	1.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
100-42-5	Styrene	5.00	U	10	1.50	5.00	10.0	ug/L	11/12/25 14:02	VX111225
75-25-2	Bromoform	5.00	U	10	1.90	5.00	10.0	ug/L	11/12/25 14:02	VX111225

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/04/25
Project:	Kilo Pier	Date Received:	11/07/25
Client Sample ID:	304641-01 Liquid	SDG No.:	Q3574
Lab Sample ID:	Q3574-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	4.60	J	10	1.20	5.00	10.0	ug/L	11/12/25 14:02	VX111225
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	10	2.60	5.00	10.0	ug/L	11/12/25 14:02	VX111225
541-73-1	1,3-Dichlorobenzene	5.00	U	10	1.60	5.00	10.0	ug/L	11/12/25 14:02	VX111225
106-46-7	1,4-Dichlorobenzene	5.00	U	10	1.90	5.00	10.0	ug/L	11/12/25 14:02	VX111225
95-50-1	1,2-Dichlorobenzene	5.00	U	10	1.60	5.00	10.0	ug/L	11/12/25 14:02	VX111225
96-12-8	1,2-Dibromo-3-Chloropropane	7.50	U	10	5.30	7.50	10.0	ug/L	11/12/25 14:02	VX111225
120-82-1	1,2,4-Trichlorobenzene	5.00	U	10	2.00	5.00	10.0	ug/L	11/12/25 14:02	VX111225
87-61-6	1,2,3-Trichlorobenzene	7.50	U	10	2.00	7.50	10.0	ug/L	11/12/25 14:02	VX111225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	46.5			81 - 118		93%	SPK: 50
1868-53-7	Dibromofluoromethane	41.0			80 - 119		82%	SPK: 50
2037-26-5	Toluene-d8	45.4			89 - 112		91%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2			85 - 114		110%	SPK: 50

INTERNAL STANDARDS

	Area Count	
363-72-4	Pentafluorobenzene	176000
540-36-3	1,4-Difluorobenzene	342000
3114-55-4	Chlorobenzene-d5	349000
3855-82-1	1,4-Dichlorobenzene-d4	176000

TENTATIVE IDENTIFIED COMPOUNDS

103-65-1	n-propylbenzene	31.5	J				11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	70.3	J				11.4	ug/L
95-63-6	1,2,4-Trimethylbenzene	260	J				11.7	ug/L
135-98-8	sec-Butylbenzene	9.80	J				11.9	ug/L
99-87-6	p-Isopropyltoluene	8.50	J				12.0	ug/L
104-51-8	n-Butylbenzene	65.8	J				12.3	ug/L
001120-21-4	Undecane	770	J				12.4	ug/L
1000152-47-3	trans-Decalin, 2-methyl-	500	J				12.8	ug/L
001632-70-8	Undecane, 5-methyl-	770	J				12.9	ug/L
000112-40-3	Dodecane	930	J				13.3	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	730	J				13.3	ug/L
061141-72-8	Dodecane, 4,6-dimethyl-	860	J				13.8	ug/L
000629-50-5	Tridecane	600	J				14.0	ug/L
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	850	J				14.2	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: Q3574

Client: Pacific Commercial Services Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3574-01	304641-01 Liquid	1,2-Dichloroethane-d4	50	46.5	93		81	118
		Dibromofluoromethane	50	41.0	82		80	119
		Toluene-d8	50	45.4	91		89	112
		4-Bromofluorobenzene	50	55.2	110		85	114
VX1112WBL01	VX1112WBL01	1,2-Dichloroethane-d4	50	52.7	105		81	118
		Dibromofluoromethane	50	43.8	88		80	119
		Toluene-d8	50	49.9	100		89	112
		4-Bromofluorobenzene	50	55.6	111		85	114
VX1112WBS01	VX1112WBS01	1,2-Dichloroethane-d4	50	48.0	96		81	118
		Dibromofluoromethane	50	47.7	95		80	119
		Toluene-d8	50	52.2	104		89	112
		4-Bromofluorobenzene	50	49.4	99		85	114
VX1112WBSD0	VX1112WBSD01	1,2-Dichloroethane-d4	50	51.1	102		81	118
		Dibromofluoromethane	50	46.6	93		80	119
		Toluene-d8	50	51.7	103		89	112
		4-Bromofluorobenzene	50	50.9	102		85	114

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3574</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Pacific Commercial Services Inc.</u>	Datafile :	<u>VX048566.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1112WBS01	Dichlorodifluoromethane	20	21.2	ug/L	106			32	152	
	Chloromethane	20	19.3	ug/L	97			50	139	
	Vinyl chloride	20	19.3	ug/L	97			58	137	
	Bromomethane	20	22.1	ug/L	111			53	141	
	Chloroethane	20	19.2	ug/L	96			60	138	
	Trichlorofluoromethane	20	19.3	ug/L	97			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			70	136	
	1,1-Dichloroethene	20	18.9	ug/L	95			71	131	
	Acetone	100	93.1	ug/L	93			39	160	
	Carbon disulfide	20	18.1	ug/L	91			64	133	
	Methyl tert-butyl Ether	20	19.1	ug/L	96			71	124	
	Methyl Acetate	20	18.9	ug/L	95			56	136	
	Methylene Chloride	20	19.0	ug/L	95			74	124	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			75	124	
	1,1-Dichloroethane	20	19.2	ug/L	96			77	125	
	Cyclohexane	20	20.1	ug/L	101			71	130	
	2-Butanone	100	96.3	ug/L	96			56	143	
	Carbon Tetrachloride	20	18.5	ug/L	93			72	136	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			78	123	
	Bromochloromethane	20	18.2	ug/L	91			78	123	
	Chloroform	20	19.0	ug/L	95			79	124	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			74	131	
	Methylcyclohexane	20	19.6	ug/L	98			72	132	
	Benzene	20	18.4	ug/L	92			79	120	
	1,2-Dichloroethane	20	18.8	ug/L	94			73	128	
	Trichloroethene	20	19.7	ug/L	99			79	123	
	1,2-Dichloropropane	20	20.0	ug/L	100			78	122	
	Bromodichloromethane	20	20.7	ug/L	104			79	125	
	4-Methyl-2-Pentanone	100	110	ug/L	110			67	130	
	Toluene	20	22.1	ug/L	111			80	121	
	t-1,3-Dichloropropene	20	19.7	ug/L	99			73	127	
	cis-1,3-Dichloropropene	20	21.3	ug/L	106			75	124	
	1,1,2-Trichloroethane	20	21.8	ug/L	109			80	119	
	2-Hexanone	100	110	ug/L	110			57	139	
	Dibromochloromethane	20	21.0	ug/L	105			74	126	
	1,2-Dibromoethane	20	21.6	ug/L	108			77	121	
	Tetrachloroethene	20	19.4	ug/L	97			74	129	
	Chlorobenzene	20	18.7	ug/L	94			82	118	
	Ethyl Benzene	20	19.1	ug/L	96			79	121	
	m/p-Xylenes	40	39.0	ug/L	98			80	121	
	o-Xylene	20	19.2	ug/L	96			78	122	
	Styrene	20	19.6	ug/L	98			78	123	
	Bromoform	20	18.5	ug/L	93			66	130	
	Isopropylbenzene	20	20.2	ug/L	101			72	131	
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99			71	121	
	1,3-Dichlorobenzene	20	19.3	ug/L	97			80	119	
	1,4-Dichlorobenzene	20	19.1	ug/L	96			79	118	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			80	119	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3574</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Pacific Commercial Services Inc.</u>	Datafile :	<u>VX048566.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX1112WBS01	1,2-Dibromo-3-Chloropropane	20	19.4	ug/L	97			62	128	
	1,2,4-Trichlorobenzene	20	18.2	ug/L	91			69	130	
	1,2,3-Trichlorobenzene	20	18.6	ug/L	93			69	129	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3574</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Pacific Commercial Services Inc.</u>	Datafile :	<u>VX048567.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1112WBSD01	Dichlorodifluoromethane	20	21.7	ug/L	109	3		32	152	20
	Chloromethane	20	19.3	ug/L	97	0		50	139	20
	Vinyl chloride	20	20.0	ug/L	100	3		58	137	20
	Bromomethane	20	23.8	ug/L	119	7		53	141	20
	Chloroethane	20	19.5	ug/L	98	2		60	138	20
	Trichlorofluoromethane	20	20.3	ug/L	102	5		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102	1		70	136	20
	1,1-Dichloroethene	20	19.8	ug/L	99	4		71	131	20
	Acetone	100	100	ug/L	100	7		39	160	20
	Carbon disulfide	20	18.8	ug/L	94	3		64	133	20
	Methyl tert-butyl Ether	20	21.1	ug/L	106	10		71	124	20
	Methyl Acetate	20	20.5	ug/L	103	8		56	136	20
	Methylene Chloride	20	20.0	ug/L	100	5		74	124	20
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	3		75	124	20
	1,1-Dichloroethane	20	20.5	ug/L	103	7		77	125	20
	Cyclohexane	20	20.9	ug/L	104	3		71	130	20
	2-Butanone	100	110	ug/L	110	14		56	143	20
	Carbon Tetrachloride	20	18.4	ug/L	92	1		72	136	20
	cis-1,2-Dichloroethene	20	19.8	ug/L	99	5		78	123	20
	Bromochloromethane	20	19.3	ug/L	97	6		78	123	20
	Chloroform	20	20.7	ug/L	104	9		79	124	20
	1,1,1-Trichloroethane	20	19.8	ug/L	99	4		74	131	20
	Methylcyclohexane	20	19.9	ug/L	100	2		72	132	20
	Benzene	20	18.7	ug/L	94	2		79	120	20
	1,2-Dichloroethane	20	20.2	ug/L	101	7		73	128	20
	Trichloroethene	20	20.2	ug/L	101	2		79	123	20
	1,2-Dichloropropane	20	20.9	ug/L	104	4		78	122	20
	Bromodichloromethane	20	21.8	ug/L	109	5		79	125	20
	4-Methyl-2-Pentanone	100	120	ug/L	120	9		67	130	20
	Toluene	20	22.4	ug/L	112	1		80	121	20
	t-1,3-Dichloropropene	20	21.0	ug/L	105	6		73	127	20
	cis-1,3-Dichloropropene	20	22.3	ug/L	112	6		75	124	20
	1,1,2-Trichloroethane	20	23.3	ug/L	117	7		80	119	20
	2-Hexanone	100	120	ug/L	120	9		57	139	20
	Dibromochloromethane	20	23.0	ug/L	115	9		74	126	20
	1,2-Dibromoethane	20	23.0	ug/L	115	6		77	121	20
	Tetrachloroethene	20	19.6	ug/L	98	1		74	129	20
	Chlorobenzene	20	19.6	ug/L	98	4		82	118	20
	Ethyl Benzene	20	19.4	ug/L	97	1		79	121	20
	m/p-Xylenes	40	40.3	ug/L	101	3		80	121	20
	o-Xylene	20	19.7	ug/L	99	3		78	122	20
	Styrene	20	20.0	ug/L	100	2		78	123	20
	Bromoform	20	19.7	ug/L	99	6		66	130	20
	Isopropylbenzene	20	20.0	ug/L	100	1		72	131	20
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101	2		71	121	20
	1,3-Dichlorobenzene	20	19.4	ug/L	97	0		80	119	20
	1,4-Dichlorobenzene	20	19.1	ug/L	96	0		79	118	20
	1,2-Dichlorobenzene	20	19.4	ug/L	97	0		80	119	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3574</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Pacific Commercial Services Inc.</u>	Datafile :	<u>VX048567.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1112WBSD01	1,2-Dibromo-3-Chloropropane	20	20.2	ug/L	101	4		62	128	20
	1,2,4-Trichlorobenzene	20	18.8	ug/L	94	3		69	130	20
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95	2		69	129	20

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1112WBL01

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: VX048565.D

Lab Sample ID: VX1112WBL01

Date Analyzed: 11/12/2025

Time Analyzed: 10:00

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1112WBS01	VX1112WBS01	VX048566.D	11/12/2025
VX1112WBSD01	VX1112WBSD01	VX048567.D	11/12/2025
304641-01 Liquid	Q3574-01	VX048576.D	11/12/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX048515.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: PACI01
SDG NO.: Q3574
BFB Injection Date: 11/07/2025
BFB Injection Time: 13:06
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 60.0% of mass 95	56
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	77.2
175	5.0 - 9.0% of mass 174	5.7 (7.3) 1
176	95.0 - 101.0% of mass 174	75.5 (97.9) 1
177	5.0 - 9.0% of mass 176	4.7 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX048516.D	11/07/2025	13:35
VSTDIC005	VSTDIC005	VX048517.D	11/07/2025	13:56
VSTDIC020	VSTDIC020	VX048518.D	11/07/2025	14:16
VSTDIC100	VSTDIC100	VX048520.D	11/07/2025	14:58
VSTDIC150	VSTDIC150	VX048521.D	11/07/2025	15:18
VSTDIC050	VSTDIC050	VX048524.D	11/07/2025	16:29

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: VX048562.D

BFB Injection Date: 11/12/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:08

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.5
75	30.0 - 60.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	79
175	5.0 - 9.0% of mass 174	6 (7.6) 1
176	95.0 - 101.0% of mass 174	76 (96.2) 1
177	5.0 - 9.0% of mass 176	5.1 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048563.D	11/12/2025	09:11
VX1112WBL01	VX1112WBL01	VX048565.D	11/12/2025	10:00
VX1112WBS01	VX1112WBS01	VX048566.D	11/12/2025	10:30
VX1112WBSD01	VX1112WBSD01	VX048567.D	11/12/2025	10:57
304641-01 Liquid	Q3574-01	VX048576.D	11/12/2025	14:02
VSTDCCC050EC	VSTDCCC050	VX048584.D	11/12/2025	17:17

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PACI01
Lab Code: ACE SDG NO.: Q3574
Lab File ID: VX048563.D Date Analyzed: 11/12/2025
Instrument ID: MSVOA_X Time Analyzed: 09:11
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	168053	5.53	278642	6.74	246918	10.04
UPPER LIMIT	336106	6.025	557284	7.239	493836	10.537
LOWER LIMIT	84026.5	5.025	139321	6.239	123459	9.537
EPA SAMPLE NO.						
304641-01 Liquid	175785	5.54	342013	6.75	348551	10.04
VX1112WBL01	211958	5.54	425634	6.75	439104	10.04
VX1112WBS01	191720	5.53	311333	6.74	276234	10.04
VX1112WBSD01	161754	5.53	273225	6.74	245374	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PACI01
 Lab Code: ACE SDG NO.: Q3574
 Lab File ID: VX048563.D Date Analyzed: 11/12/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:11
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	123894	12.00€				
UPPER LIMIT	247788	12.50€				
LOWER LIMIT	61947	11.50€				
EPA SAMPLE NO.						
304641-01 Liquid	175601	12.01				
VX1112WBL01	232670	12.01				
VX1112WBS01	136753	12.01				
VX1112WBSD01	125743	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: VX1112WBL01
Lab Sample ID: VX1112WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	11/12/25 10:00	VX111225
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	11/12/25 10:00	VX111225
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	11/12/25 10:00	VX111225
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	11/12/25 10:00	VX111225
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	11/12/25 10:00	VX111225
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	11/12/25 10:00	VX111225
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	11/12/25 10:00	VX111225
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	11/12/25 10:00	VX111225
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	11/12/25 10:00	VX111225
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	11/12/25 10:00	VX111225
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	11/12/25 10:00	VX111225
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	11/12/25 10:00	VX111225
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	11/12/25 10:00	VX111225
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	11/12/25 10:00	VX111225
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	11/12/25 10:00	VX111225
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	11/12/25 10:00	VX111225
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	11/12/25 10:00	VX111225
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	11/12/25 10:00	VX111225
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	11/12/25 10:00	VX111225
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	11/12/25 10:00	VX111225
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	11/12/25 10:00	VX111225
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	11/12/25 10:00	VX111225
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	11/12/25 10:00	VX111225
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	11/12/25 10:00	VX111225
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	11/12/25 10:00	VX111225
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	11/12/25 10:00	VX111225
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	11/12/25 10:00	VX111225
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	11/12/25 10:00	VX111225
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	11/12/25 10:00	VX111225
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	11/12/25 10:00	VX111225
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	11/12/25 10:00	VX111225
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	11/12/25 10:00	VX111225
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	11/12/25 10:00	VX111225
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	11/12/25 10:00	VX111225
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	11/12/25 10:00	VX111225
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	11/12/25 10:00	VX111225
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	11/12/25 10:00	VX111225
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	11/12/25 10:00	VX111225
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	11/12/25 10:00	VX111225
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	11/12/25 10:00	VX111225
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	11/12/25 10:00	VX111225
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	11/12/25 10:00	VX111225
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	11/12/25 10:00	VX111225

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: VX1112WBL01
Lab Sample ID: VX1112WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	11/12/25 10:00	VX111225
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	11/12/25 10:00	VX111225
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	11/12/25 10:00	VX111225
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	11/12/25 10:00	VX111225
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	11/12/25 10:00	VX111225
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	11/12/25 10:00	VX111225
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	11/12/25 10:00	VX111225
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	11/12/25 10:00	VX111225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.7			81 - 118	105%	SPK: 50
1868-53-7	Dibromofluoromethane	43.8			80 - 119	88%	SPK: 50
2037-26-5	Toluene-d8	49.9			89 - 112	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6			85 - 114	111%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	212000
540-36-3	1,4-Difluorobenzene	426000
3114-55-4	Chlorobenzene-d5	439000
3855-82-1	1,4-Dichlorobenzene-d4	233000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: VX1112WBS01
Lab Sample ID: VX1112WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	21.2		1	0.22	0.50	1.00	ug/L	11/12/25 10:30	VX111225
74-87-3	Chloromethane	19.3		1	0.32	0.50	1.00	ug/L	11/12/25 10:30	VX111225
75-01-4	Vinyl Chloride	19.3		1	0.26	0.75	1.00	ug/L	11/12/25 10:30	VX111225
74-83-9	Bromomethane	22.1		1	1.40	3.80	5.00	ug/L	11/12/25 10:30	VX111225
75-00-3	Chloroethane	19.2		1	0.47	0.75	1.00	ug/L	11/12/25 10:30	VX111225
75-69-4	Trichlorofluoromethane	19.3		1	0.33	0.50	1.00	ug/L	11/12/25 10:30	VX111225
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		1	0.25	0.50	1.00	ug/L	11/12/25 10:30	VX111225
75-35-4	1,1-Dichloroethene	18.9		1	0.23	0.75	1.00	ug/L	11/12/25 10:30	VX111225
67-64-1	Acetone	93.1		1	1.50	3.80	5.00	ug/L	11/12/25 10:30	VX111225
75-15-0	Carbon Disulfide	18.1		1	0.21	0.75	1.00	ug/L	11/12/25 10:30	VX111225
1634-04-4	Methyl tert-butyl Ether	19.1		1	0.16	0.50	1.00	ug/L	11/12/25 10:30	VX111225
79-20-9	Methyl Acetate	18.9		1	0.27	0.75	1.00	ug/L	11/12/25 10:30	VX111225
75-09-2	Methylene Chloride	19.0		1	0.28	0.50	1.00	ug/L	11/12/25 10:30	VX111225
156-60-5	trans-1,2-Dichloroethene	19.3		1	0.23	0.50	1.00	ug/L	11/12/25 10:30	VX111225
75-34-3	1,1-Dichloroethane	19.2		1	0.23	0.50	1.00	ug/L	11/12/25 10:30	VX111225
110-82-7	Cyclohexane	20.1		1	1.50	2.50	5.00	ug/L	11/12/25 10:30	VX111225
78-93-3	2-Butanone	96.3		1	0.98	2.50	5.00	ug/L	11/12/25 10:30	VX111225
56-23-5	Carbon Tetrachloride	18.5		1	0.25	0.50	1.00	ug/L	11/12/25 10:30	VX111225
156-59-2	cis-1,2-Dichloroethene	18.7		1	0.19	0.75	1.00	ug/L	11/12/25 10:30	VX111225
74-97-5	Bromochloromethane	18.2		1	0.22	0.50	1.00	ug/L	11/12/25 10:30	VX111225
67-66-3	Chloroform	19.0		1	0.25	0.50	1.00	ug/L	11/12/25 10:30	VX111225
71-55-6	1,1,1-Trichloroethane	18.9		1	0.20	0.50	1.00	ug/L	11/12/25 10:30	VX111225
108-87-2	Methylcyclohexane	19.6		1	0.16	0.50	1.00	ug/L	11/12/25 10:30	VX111225
71-43-2	Benzene	18.4		1	0.15	0.50	1.00	ug/L	11/12/25 10:30	VX111225
107-06-2	1,2-Dichloroethane	18.8		1	0.22	0.50	1.00	ug/L	11/12/25 10:30	VX111225
79-01-6	Trichloroethene	19.7		1	0.090	0.75	1.00	ug/L	11/12/25 10:30	VX111225
78-87-5	1,2-Dichloropropane	20.0		1	0.20	0.50	1.00	ug/L	11/12/25 10:30	VX111225
75-27-4	Bromodichloromethane	20.7		1	0.22	0.50	1.00	ug/L	11/12/25 10:30	VX111225
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	2.50	5.00	ug/L	11/12/25 10:30	VX111225
108-88-3	Toluene	22.1		1	0.14	0.50	1.00	ug/L	11/12/25 10:30	VX111225
10061-02-6	t-1,3-Dichloropropene	19.7		1	0.17	0.50	1.00	ug/L	11/12/25 10:30	VX111225
10061-01-5	cis-1,3-Dichloropropene	21.3		1	0.16	0.50	1.00	ug/L	11/12/25 10:30	VX111225
79-00-5	1,1,2-Trichloroethane	21.8		1	0.21	0.50	1.00	ug/L	11/12/25 10:30	VX111225
591-78-6	2-Hexanone	110		1	0.89	2.50	5.00	ug/L	11/12/25 10:30	VX111225
124-48-1	Dibromochloromethane	21.0		1	0.18	0.50	1.00	ug/L	11/12/25 10:30	VX111225
106-93-4	1,2-Dibromoethane	21.6		1	0.15	0.50	1.00	ug/L	11/12/25 10:30	VX111225
127-18-4	Tetrachloroethene	19.4		1	0.23	0.50	1.00	ug/L	11/12/25 10:30	VX111225
108-90-7	Chlorobenzene	18.7		1	0.12	0.50	1.00	ug/L	11/12/25 10:30	VX111225
100-41-4	Ethyl Benzene	19.1		1	0.13	0.50	1.00	ug/L	11/12/25 10:30	VX111225
179601-23-1	m/p-Xylenes	39.0		1	0.24	1.00	2.00	ug/L	11/12/25 10:30	VX111225
95-47-6	o-Xylene	19.2		1	0.12	0.50	1.00	ug/L	11/12/25 10:30	VX111225
100-42-5	Styrene	19.6		1	0.15	0.50	1.00	ug/L	11/12/25 10:30	VX111225
75-25-2	Bromoform	18.5		1	0.19	0.50	1.00	ug/L	11/12/25 10:30	VX111225

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	VX1112WBS01	SDG No.:	Q3574
Lab Sample ID:	VX1112WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.2		1	0.12	0.50	1.00	ug/L	11/12/25 10:30	VX111225
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1	0.26	0.50	1.00	ug/L	11/12/25 10:30	VX111225
541-73-1	1,3-Dichlorobenzene	19.3		1	0.16	0.50	1.00	ug/L	11/12/25 10:30	VX111225
106-46-7	1,4-Dichlorobenzene	19.1		1	0.19	0.50	1.00	ug/L	11/12/25 10:30	VX111225
95-50-1	1,2-Dichlorobenzene	19.4		1	0.16	0.50	1.00	ug/L	11/12/25 10:30	VX111225
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1	0.53	0.75	1.00	ug/L	11/12/25 10:30	VX111225
120-82-1	1,2,4-Trichlorobenzene	18.2		1	0.20	0.50	1.00	ug/L	11/12/25 10:30	VX111225
87-61-6	1,2,3-Trichlorobenzene	18.6		1	0.20	0.75	1.00	ug/L	11/12/25 10:30	VX111225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.0			81 - 118	96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.7			80 - 119	95%	SPK: 50
2037-26-5	Toluene-d8	52.2			89 - 112	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4			85 - 114	99%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	192000
540-36-3	1,4-Difluorobenzene	311000
3114-55-4	Chlorobenzene-d5	276000
3855-82-1	1,4-Dichlorobenzene-d4	137000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: VX1112WBSD01
Lab Sample ID: VX1112WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	21.7		1	0.22	0.50	1.00	ug/L	11/12/25 10:57	VX111225
74-87-3	Chloromethane	19.3		1	0.32	0.50	1.00	ug/L	11/12/25 10:57	VX111225
75-01-4	Vinyl Chloride	20.0		1	0.26	0.75	1.00	ug/L	11/12/25 10:57	VX111225
74-83-9	Bromomethane	23.8		1	1.40	3.80	5.00	ug/L	11/12/25 10:57	VX111225
75-00-3	Chloroethane	19.5		1	0.47	0.75	1.00	ug/L	11/12/25 10:57	VX111225
75-69-4	Trichlorofluoromethane	20.3		1	0.33	0.50	1.00	ug/L	11/12/25 10:57	VX111225
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		1	0.25	0.50	1.00	ug/L	11/12/25 10:57	VX111225
75-35-4	1,1-Dichloroethene	19.8		1	0.23	0.75	1.00	ug/L	11/12/25 10:57	VX111225
67-64-1	Acetone	100		1	1.50	3.80	5.00	ug/L	11/12/25 10:57	VX111225
75-15-0	Carbon Disulfide	18.8		1	0.21	0.75	1.00	ug/L	11/12/25 10:57	VX111225
1634-04-4	Methyl tert-butyl Ether	21.1		1	0.16	0.50	1.00	ug/L	11/12/25 10:57	VX111225
79-20-9	Methyl Acetate	20.5		1	0.27	0.75	1.00	ug/L	11/12/25 10:57	VX111225
75-09-2	Methylene Chloride	20.0		1	0.28	0.50	1.00	ug/L	11/12/25 10:57	VX111225
156-60-5	trans-1,2-Dichloroethene	19.9		1	0.23	0.50	1.00	ug/L	11/12/25 10:57	VX111225
75-34-3	1,1-Dichloroethane	20.5		1	0.23	0.50	1.00	ug/L	11/12/25 10:57	VX111225
110-82-7	Cyclohexane	20.9		1	1.50	2.50	5.00	ug/L	11/12/25 10:57	VX111225
78-93-3	2-Butanone	110		1	0.98	2.50	5.00	ug/L	11/12/25 10:57	VX111225
56-23-5	Carbon Tetrachloride	18.4		1	0.25	0.50	1.00	ug/L	11/12/25 10:57	VX111225
156-59-2	cis-1,2-Dichloroethene	19.8		1	0.19	0.75	1.00	ug/L	11/12/25 10:57	VX111225
74-97-5	Bromochloromethane	19.3		1	0.22	0.50	1.00	ug/L	11/12/25 10:57	VX111225
67-66-3	Chloroform	20.7		1	0.25	0.50	1.00	ug/L	11/12/25 10:57	VX111225
71-55-6	1,1,1-Trichloroethane	19.8		1	0.20	0.50	1.00	ug/L	11/12/25 10:57	VX111225
108-87-2	Methylcyclohexane	19.9		1	0.16	0.50	1.00	ug/L	11/12/25 10:57	VX111225
71-43-2	Benzene	18.7		1	0.15	0.50	1.00	ug/L	11/12/25 10:57	VX111225
107-06-2	1,2-Dichloroethane	20.2		1	0.22	0.50	1.00	ug/L	11/12/25 10:57	VX111225
79-01-6	Trichloroethene	20.2		1	0.090	0.75	1.00	ug/L	11/12/25 10:57	VX111225
78-87-5	1,2-Dichloropropane	20.9		1	0.20	0.50	1.00	ug/L	11/12/25 10:57	VX111225
75-27-4	Bromodichloromethane	21.8		1	0.22	0.50	1.00	ug/L	11/12/25 10:57	VX111225
108-10-1	4-Methyl-2-Pentanone	120		1	0.68	2.50	5.00	ug/L	11/12/25 10:57	VX111225
108-88-3	Toluene	22.4		1	0.14	0.50	1.00	ug/L	11/12/25 10:57	VX111225
10061-02-6	t-1,3-Dichloropropene	21.0		1	0.17	0.50	1.00	ug/L	11/12/25 10:57	VX111225
10061-01-5	cis-1,3-Dichloropropene	22.3		1	0.16	0.50	1.00	ug/L	11/12/25 10:57	VX111225
79-00-5	1,1,2-Trichloroethane	23.3		1	0.21	0.50	1.00	ug/L	11/12/25 10:57	VX111225
591-78-6	2-Hexanone	120		1	0.89	2.50	5.00	ug/L	11/12/25 10:57	VX111225
124-48-1	Dibromochloromethane	23.0		1	0.18	0.50	1.00	ug/L	11/12/25 10:57	VX111225
106-93-4	1,2-Dibromoethane	23.0		1	0.15	0.50	1.00	ug/L	11/12/25 10:57	VX111225
127-18-4	Tetrachloroethene	19.6		1	0.23	0.50	1.00	ug/L	11/12/25 10:57	VX111225
108-90-7	Chlorobenzene	19.6		1	0.12	0.50	1.00	ug/L	11/12/25 10:57	VX111225
100-41-4	Ethyl Benzene	19.4		1	0.13	0.50	1.00	ug/L	11/12/25 10:57	VX111225
179601-23-1	m/p-Xylenes	40.3		1	0.24	1.00	2.00	ug/L	11/12/25 10:57	VX111225
95-47-6	o-Xylene	19.7		1	0.12	0.50	1.00	ug/L	11/12/25 10:57	VX111225
100-42-5	Styrene	20.0		1	0.15	0.50	1.00	ug/L	11/12/25 10:57	VX111225
75-25-2	Bromoform	19.7		1	0.19	0.50	1.00	ug/L	11/12/25 10:57	VX111225

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	VX1112WBSD01	SDG No.:	Q3574
Lab Sample ID:	VX1112WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.0		1	0.12	0.50	1.00	ug/L	11/12/25 10:57	VX111225
79-34-5	1,1,2,2-Tetrachloroethane	20.2		1	0.26	0.50	1.00	ug/L	11/12/25 10:57	VX111225
541-73-1	1,3-Dichlorobenzene	19.4		1	0.16	0.50	1.00	ug/L	11/12/25 10:57	VX111225
106-46-7	1,4-Dichlorobenzene	19.1		1	0.19	0.50	1.00	ug/L	11/12/25 10:57	VX111225
95-50-1	1,2-Dichlorobenzene	19.4		1	0.16	0.50	1.00	ug/L	11/12/25 10:57	VX111225
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		1	0.53	0.75	1.00	ug/L	11/12/25 10:57	VX111225
120-82-1	1,2,4-Trichlorobenzene	18.8		1	0.20	0.50	1.00	ug/L	11/12/25 10:57	VX111225
87-61-6	1,2,3-Trichlorobenzene	18.9		1	0.20	0.75	1.00	ug/L	11/12/25 10:57	VX111225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.2			81 - 118	102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6			80 - 119	93%	SPK: 50
2037-26-5	Toluene-d8	51.7			89 - 112	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9			85 - 114	102%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	162000
540-36-3	1,4-Difluorobenzene	273000
3114-55-4	Chlorobenzene-d5	245000
3855-82-1	1,4-Dichlorobenzene-d4	126000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: PACI01
 Lab Code: ACE SDG No.: Q3574
 Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025
 Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:	RRF001 = VX048516.D			RRF005 = VX048517.D		RRF020 = VX048518.D		
	RRF100 = VX048520.D			RRF150 = VX048521.D		RRF050 = VX048524.D		
COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	RRF	% RSD
Dichlorodifluoromethane	0.365	0.364	0.352	0.452	0.474	0.424	0.405	12.8
Chloromethane	0.603	0.457	0.425	0.581	0.565	0.592	0.537	14.2
Vinyl Chloride	0.666	0.579	0.608	0.601	0.597	0.600	0.608	4.9
Bromomethane		0.468	0.417	0.323	0.287	0.426	0.384	19.8
Chloroethane	0.465	0.419	0.397	0.370	0.357	0.383	0.398	9.8
Trichlorofluoromethane	0.982	1.030	1.019	0.919	0.939	0.886	0.963	6
1,1,2-Trichlorotrifluoroethane	0.552	0.556	0.616	0.546	0.558	0.515	0.557	5.9
1,1-Dichloroethene	0.669	0.584	0.591	0.555	0.548	0.545	0.582	8
Acetone	0.383	0.318	0.318	0.317	0.313	0.330	0.330	8.1
Carbon Disulfide	2.045	1.739	1.609	1.468	1.477	1.489	1.638	13.7
Methyl tert-butyl Ether	2.163	2.158	2.049	1.984	1.861	2.117	2.055	5.7
Methyl Acetate	1.195	0.876	0.857	0.818	0.823	0.869	0.906	15.8
Methylene Chloride	0.845	0.689	0.663	0.624	0.595	0.653	0.678	13
trans-1,2-Dichloroethene	0.700	0.650	0.612	0.585	0.557	0.598	0.617	8.3
1,1-Dichloroethane	1.255	1.247	1.124	1.083	1.041	1.102	1.142	7.8
Cyclohexane		1.001	1.004	0.896	0.910	0.867	0.936	6.7
2-Butanone	0.474	0.502	0.511	0.470	0.465	0.506	0.488	4.2
Carbon Tetrachloride	0.640	0.766	0.546	0.520	0.504	0.486	0.577	18.6
cis-1,2-Dichloroethene	0.888	0.787	0.737	0.703	0.684	0.725	0.754	9.9
Bromochloromethane	0.640	0.630	0.533	0.522	0.497	0.543	0.561	10.6
Chloroform	1.357	1.277	1.162	1.105	1.052	1.120	1.179	9.8
1,1,1-Trichloroethane	1.160	1.087	1.026	0.979	0.947	0.973	1.029	7.9
Methylcyclohexane	0.585	0.607	0.558	0.561	0.592	0.510	0.569	6
Benzene	1.745	2.038	1.468	1.396	1.369	1.408	1.571	17
1,2-Dichloroethane	0.540	0.721	0.525	0.489	0.473	0.481	0.538	17.3
Trichloroethene	0.423	0.390	0.356	0.366	0.363	0.355	0.375	7.1
1,2-Dichloropropane	0.417	0.381	0.319	0.352	0.340	0.358	0.361	9.5
Bromodichloromethane	0.517	0.598	0.446	0.539	0.510	0.543	0.526	9.5
4-Methyl-2-Pentanone	0.505	0.667	0.514	0.573	0.546	0.620	0.571	11
Toluene	0.709	0.955	0.710	0.868	0.843	0.877	0.827	11.9

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: PACI01
Lab Code: ACE SDG No.: Q3574
Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:								
RRF001 = VX048516.D			RRF005 = VX048517.D			RRF020 = VX048518.D		
RRF100 = VX048520.D			RRF150 = VX048521.D			RRF050 = VX048524.D		
COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	RRF	% RSD
t-1,3-Dichloropropene	0.513	0.609	0.452	0.561	0.542	0.572	0.541	10
cis-1,3-Dichloropropene	0.472	0.633	0.481	0.595	0.578	0.606	0.561	12.1
1,1,2-Trichloroethane	0.289	0.373	0.286	0.345	0.329	0.361	0.330	11.1
2-Hexanone	0.360	0.487	0.390	0.429	0.416	0.464	0.425	11
Dibromochloromethane	0.347	0.468	0.351	0.428	0.404	0.436	0.406	12
1,2-Dibromoethane	0.309	0.417	0.308	0.374	0.358	0.381	0.358	11.9
Tetrachloroethene	0.444	0.364	0.352	0.344	0.348	0.327	0.363	11.4
Chlorobenzene	1.406	1.245	1.153	1.112	1.105	1.101	1.187	10.1
Ethyl Benzene	2.253	2.045	1.976	1.899	1.898	1.887	1.993	7.1
m/p-Xylenes	0.764	0.793	0.758	0.736	0.733	0.720	0.751	3.5
o-Xylene	0.795	0.746	0.721	0.714	0.726	0.703	0.734	4.5
Styrene	1.228	1.256	1.227	1.226	1.244	1.210	1.232	1.3
Bromoform	0.427	0.350	0.345	0.359	0.373	0.348	0.367	8.4
Isopropylbenzene	3.857	3.727	3.683	3.551	3.492	3.466	3.629	4.2
1,1,2,2-Tetrachloroethane	1.544	1.284	1.230	1.207	1.185	1.229	1.280	10.4
1,3-Dichlorobenzene	2.076	1.785	1.686	1.680	1.668	1.644	1.756	9.3
1,4-Dichlorobenzene	2.329	1.860	1.676	1.671	1.672	1.678	1.814	14.5
1,2-Dichlorobenzene	1.944	1.695	1.611	1.627	1.616	1.624	1.686	7.7
1,2-Dibromo-3-Chloropropane	0.304	0.308	0.294	0.298	0.285	0.297	0.297	2.7
1,2,4-Trichlorobenzene	1.353	1.032	1.057	1.097	1.117	1.066	1.120	10.5
1,2,3-Trichlorobenzene	1.170	0.973	0.994	1.049	1.051	1.016	1.042	6.7
1,2-Dichloroethane-d4		0.775	0.723	0.677	0.623	0.685	0.697	8.1
Dibromofluoromethane		0.484	0.374	0.356	0.327	0.351	0.378	16.2
Toluene-d8		1.341	1.021	1.210	1.128	1.202	1.180	10
4-Bromofluorobenzene		0.523	0.365	0.445	0.423	0.443	0.440	12.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>PACI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3574</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>11/12/2025 09:11</u>
Lab File ID:	<u>VX048563.D</u>	Init. Calib. Date(s):	<u>11/07/2025 11/07/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>13:35 16:29</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.446		10.12	20
Chloromethane	0.537	0.526	0.1	-2.05	20
Vinyl Chloride	0.608	0.618		1.64	20
Bromomethane	0.384	0.420		9.38	20
Chloroethane	0.398	0.386		-3.02	20
Trichlorofluoromethane	0.963	0.948		-1.56	20
1,1,2-Trichlorotrifluoroethane	0.557	0.563		1.08	20
1,1-Dichloroethene	0.582	0.567		-2.58	20
Acetone	0.330	0.350		6.06	20
Carbon Disulfide	1.638	1.508		-7.94	20
Methyl tert-butyl Ether	2.055	2.133		3.8	20
Methyl Acetate	0.906	0.939		3.64	20
Methylene Chloride	0.678	0.665		-1.92	20
trans-1,2-Dichloroethene	0.617	0.597		-3.24	20
1,1-Dichloroethane	1.142	1.139	0.1	-0.26	20
Cyclohexane	0.936	0.914		-2.35	20
2-Butanone	0.488	0.514		5.33	20
Carbon Tetrachloride	0.577	0.530		-8.15	20
cis-1,2-Dichloroethene	0.754	0.736		-2.39	20
Bromochloromethane	0.561	0.496		-11.59	20
Chloroform	1.179	1.150		-2.46	20
1,1,1-Trichloroethane	1.029	0.987		-4.08	20
Methylcyclohexane	0.569	0.563		-1.05	20
Benzene	1.571	1.453		-7.51	20
1,2-Dichloroethane	0.538	0.514		-4.46	20
Trichloroethene	0.375	0.371		-1.07	20
1,2-Dichloropropane	0.361	0.374		3.6	20
Bromodichloromethane	0.526	0.562		6.84	20
4-Methyl-2-Pentanone	0.571	0.640		12.08	20
Toluene	0.827	0.901		8.95	20
t-1,3-Dichloropropene	0.541	0.579		7.02	20
cis-1,3-Dichloropropene	0.561	0.623		11.05	20
1,1,2-Trichloroethane	0.330	0.375		13.64	20
2-Hexanone	0.425	0.483		13.65	20
Dibromochloromethane	0.406	0.455		12.07	20
1,2-Dibromoethane	0.358	0.405		13.13	20
Tetrachloroethene	0.363	0.354		-2.48	20
Chlorobenzene	1.187	1.154	0.3	-2.78	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>PACI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3574</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>11/12/2025</u> <u>09:11</u>
Lab File ID:	<u>VX048563.D</u>	Init. Calib. Date(s):	<u>11/07/2025</u> <u>11/07/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>13:35</u> <u>16:29</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.993	1.956		-1.86	20
m/p-Xylenes	0.751	0.752		0.13	20
o-Xylene	0.734	0.718		-2.18	20
Styrene	1.232	1.251		1.54	20
Bromoform	0.367	0.371	0.1	1.09	20
Isopropylbenzene	3.629	3.705		2.09	20
1,1,2,2-Tetrachloroethane	1.280	1.282	0.3	0.16	20
1,3-Dichlorobenzene	1.756	1.737		-1.08	20
1,4-Dichlorobenzene	1.814	1.756		-3.2	20
1,2-Dichlorobenzene	1.686	1.668		-1.07	20
1,2-Dibromo-3-Chloropropane	0.297	0.298		0.34	20
1,2,4-Trichlorobenzene	1.120	1.082		-3.39	20
1,2,3-Trichlorobenzene	1.042	1.037		-0.48	20
1,2-Dichloroethane-d4	0.697	0.645		-7.46	20
Dibromofluoromethane	0.378	0.329		-12.96	20
Toluene-d8	1.180	1.121		-5	20
4-Bromofluorobenzene	0.440	0.422		-4.09	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>PACI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3574</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>11/12/2025 17:17</u>
Lab File ID:	<u>VX048584.D</u>	Init. Calib. Date(s):	<u>11/07/2025 11/07/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>13:35 16:29</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.448		10.62	50
Chloromethane	0.537	0.548	0.1	2.05	50
Vinyl Chloride	0.608	0.628		3.29	50
Bromomethane	0.384	0.439		14.32	50
Chloroethane	0.398	0.394		-1	50
Trichlorofluoromethane	0.963	0.920		-4.47	50
1,1,2-Trichlorotrifluoroethane	0.557	0.552		-0.9	50
1,1-Dichloroethene	0.582	0.577		-0.86	50
Acetone	0.330	0.343		3.94	50
Carbon Disulfide	1.638	1.469		-10.32	50
Methyl tert-butyl Ether	2.055	2.171		5.64	50
Methyl Acetate	0.906	0.972		7.28	50
Methylene Chloride	0.678	0.674		-0.59	50
trans-1,2-Dichloroethene	0.617	0.605		-1.95	50
1,1-Dichloroethane	1.142	1.211	0.1	6.04	50
Cyclohexane	0.936	0.890		-4.91	50
2-Butanone	0.488	0.553		13.32	50
Carbon Tetrachloride	0.577	0.497		-13.86	50
cis-1,2-Dichloroethene	0.754	0.785		4.11	50
Bromochloromethane	0.561	0.547		-2.5	50
Chloroform	1.179	1.184		0.42	50
1,1,1-Trichloroethane	1.029	0.989		-3.89	50
Methylcyclohexane	0.569	0.502		-11.77	50
Benzene	1.571	1.474		-6.17	50
1,2-Dichloroethane	0.538	0.516		-4.09	50
Trichloroethene	0.375	0.374		-0.27	50
1,2-Dichloropropane	0.361	0.360		-0.28	50
Bromodichloromethane	0.526	0.547		3.99	50
4-Methyl-2-Pentanone	0.571	0.613		7.36	50
Toluene	0.827	0.878		6.17	50
t-1,3-Dichloropropene	0.541	0.546		0.92	50
cis-1,3-Dichloropropene	0.561	0.598		6.59	50
1,1,2-Trichloroethane	0.330	0.367		11.21	50
2-Hexanone	0.425	0.456		7.29	50
Dibromochloromethane	0.406	0.449		10.59	50
1,2-Dibromoethane	0.358	0.388		8.38	50
Tetrachloroethene	0.363	0.358		-1.38	50
Chlorobenzene	1.187	1.148	0.3	-3.29	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>PACI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3574</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>11/12/2025 17:17</u>
Lab File ID:	<u>VX048584.D</u>	Init. Calib. Date(s):	<u>11/07/2025 11/07/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>13:35 16:29</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.993	1.919		-3.71	50
m/p-Xylenes	0.751	0.741		-1.33	50
o-Xylene	0.734	0.725		-1.23	50
Styrene	1.232	1.253		1.71	50
Bromoform	0.367	0.365	0.1	-0.55	50
Isopropylbenzene	3.629	3.342		-7.91	50
1,1,2,2-Tetrachloroethane	1.280	1.263	0.3	-1.33	50
1,3-Dichlorobenzene	1.756	1.667		-5.07	50
1,4-Dichlorobenzene	1.814	1.702		-6.17	50
1,2-Dichlorobenzene	1.686	1.644		-2.49	50
1,2-Dibromo-3-Chloropropane	0.297	0.281		-5.39	50
1,2,4-Trichlorobenzene	1.120	1.062		-5.18	50
1,2,3-Trichlorobenzene	1.042	0.981		-5.85	50
1,2-Dichloroethane-d4	0.697	0.657		-5.74	50
Dibromofluoromethane	0.378	0.310		-17.99	50
Toluene-d8	1.180	1.036		-12.2	50
4-Bromofluorobenzene	0.440	0.381		-13.41	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water	SVOC-PAH	8270E	11/04/25	11/10/25	11/13/25	11/07/25



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3574
Client: Pacific Commercial Services Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :				0.000					
Total Svoc :					0.00				
Total Concentration:					0.00				



SAMPLE DATA

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: 304641-01 Liquid
Lab Sample ID: Q3574-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 810 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 11/10/25

Date Collected: 11/04/25
Date Received: 11/07/25
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	98.8	U	20	12.3	98.8	120	ug/L	11/13/25 16:54	PB170473
208-96-8	Acenaphthylene	98.8	U	20	18.5	98.8	120	ug/L	11/13/25 16:54	PB170473
83-32-9	Acenaphthene	98.8	U	20	13.6	98.8	120	ug/L	11/13/25 16:54	PB170473
86-73-7	Fluorene	98.8	U	20	15.6	98.8	120	ug/L	11/13/25 16:54	PB170473
85-01-8	Phenanthrene	98.8	U	20	12.3	98.8	120	ug/L	11/13/25 16:54	PB170473
120-12-7	Anthracene	98.8	U	20	15.1	98.8	120	ug/L	11/13/25 16:54	PB170473
206-44-0	Fluoranthene	98.8	U	20	20.2	98.8	120	ug/L	11/13/25 16:54	PB170473
129-00-0	Pyrene	98.8	U	20	12.3	98.8	120	ug/L	11/13/25 16:54	PB170473
56-55-3	Benzo(a)anthracene	98.8	U	20	11.1	98.8	120	ug/L	11/13/25 16:54	PB170473
218-01-9	Chrysene	98.8	U	20	10.9	98.8	120	ug/L	11/13/25 16:54	PB170473
205-99-2	Benzo(b)fluoranthene	98.8	U	20	12.1	98.8	120	ug/L	11/13/25 16:54	PB170473
207-08-9	Benzo(k)fluoranthene	98.8	U	20	11.9	98.8	120	ug/L	11/13/25 16:54	PB170473
50-32-8	Benzo(a)pyrene	98.8	U	20	13.6	98.8	120	ug/L	11/13/25 16:54	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	98.8	U	20	14.6	98.8	120	ug/L	11/13/25 16:54	PB170473
53-70-3	Dibenzo(a,h)anthracene	98.8	U	20	16.5	98.8	120	ug/L	11/13/25 16:54	PB170473
191-24-2	Benzo(g,h,i)perylene	98.8	U	20	17.0	98.8	120	ug/L	11/13/25 16:54	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	108			44 - 120		108%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.9			44 - 119		97%	SPK: 100		
1718-51-0	Terphenyl-d14	36.0	*		50 - 134		36%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	55600								
1146-65-2	Naphthalene-d8	194000								
15067-26-2	Acenaphthene-d10	96200								
1517-22-2	Phenanthrene-d10	265000								
1719-03-5	Chrysene-d12	218000								
1520-96-3	Perylene-d12	308000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3574

Client: Pacific Commercial Services Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170473BL	PB170473BL	Nitrobenzene-d5	100	84.0	84		44	120
		2-Fluorobiphenyl	100	80.8	81		44	119
		Terphenyl-d14	100	95.0	95		50	134
PB170473BS	PB170473BS	Nitrobenzene-d5	100	83.2	83		44	120
		2-Fluorobiphenyl	100	76.8	77		44	119
		Terphenyl-d14	100	96.5	96		50	134
PB170473BSD	PB170473BSD	Nitrobenzene-d5	100	82.0	82		44	120
		2-Fluorobiphenyl	100	78.5	79		44	119
		Terphenyl-d14	100	94.1	94		50	134
Q3574-01	304641-01 Liquid	Nitrobenzene-d5	100	108	108		44	120
		2-Fluorobiphenyl	100	96.9	97		44	119
		Terphenyl-d14	100	36.0	36	*	50	134

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3574</u>	Analytical Method: <u>8270E</u>
Client: <u>Pacific Commercial Services Inc.</u>	DataFile: <u>BF144245.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170473BS	Naphthalene	50	41.6	ug/L	83				40	121	
	Acenaphthylene	50	46.9	ug/L	94				41	130	
	Acenaphthene	50	37.6	ug/L	75				47	122	
	Fluorene	50	42.8	ug/L	86				52	124	
	Phenanthrene	50	43.2	ug/L	86				59	120	
	Anthracene	50	43.3	ug/L	87				57	123	
	Fluoranthene	50	41.3	ug/L	83				57	128	
	Pyrene	50	51.7	ug/L	103				57	126	
	Benzo(a)anthracene	50	45.2	ug/L	90				58	125	
	Chrysene	50	46.5	ug/L	93				59	123	
	Benzo(b)fluoranthene	50	41.5	ug/L	83				53	131	
	Benzo(k)fluoranthene	50	46.1	ug/L	92				57	129	
	Benzo(a)pyrene	50	46.7	ug/L	93				54	128	
	Indeno(1,2,3-cd)pyrene	50	45.9	ug/L	92				52	134	
	Dibenz(a,h)anthracene	50	45.7	ug/L	91				51	134	
	Benzo(g,h,i)perylene	50	47.4	ug/L	95				50	134	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3574</u>	Analytical Method: <u>8270E</u>
Client: <u>Pacific Commercial Services Inc.</u>	DataFile: <u>BF144246.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170473BSD	Naphthalene	50	41.1	ug/L	82	1			40	121		20
	Acenaphthylene	50	47.0	ug/L	94	0			41	130		20
	Acenaphthene	50	38.2	ug/L	76	2			47	122		20
	Fluorene	50	42.6	ug/L	85	0			52	124		20
	Phenanthrene	50	43.1	ug/L	86	0			59	120		20
	Anthracene	50	43.5	ug/L	87	0			57	123		20
	Fluoranthene	50	40.8	ug/L	82	1			57	128		20
	Pyrene	50	49.4	ug/L	99	5			57	126		20
	Benzo(a)anthracene	50	44.5	ug/L	89	2			58	125		20
	Chrysene	50	45.7	ug/L	91	2			59	123		20
	Benzo(b)fluoranthene	50	42.6	ug/L	85	3			53	131		20
	Benzo(k)fluoranthene	50	45.0	ug/L	90	2			57	129		20
	Benzo(a)pyrene	50	47.1	ug/L	94	1			54	128		20
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91	0			52	134		20
	Dibenz(a,h)anthracene	50	45.9	ug/L	92	0			51	134		20
	Benzo(g,h,i)perylene	50	46.6	ug/L	93	2			50	134		20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170473BL

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: BF144244.D

Lab Sample ID: PB170473BL

Instrument ID: BNA_F

Date Extracted: 11/10/2025

Matrix: (soil/water) Water

Date Analyzed: 11/13/2025

Level: (low/med) LOW

Time Analyzed: 15:25

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170473BS	PB170473BS	BF144245.D	11/13/2025
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025
304641-01 Liquid	Q3574-01	BF144247.D	11/13/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: PACI01
SDG NO.: Q3574
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144242.D
Instrument ID: BNA_F

Contract: PACI01
SDG NO.: Q3574
DFTPP Injection Date: 11/13/2025
DFTPP Injection Time: 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	24.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144243.D	11/13/2025	14:56
PB170473BL	PB170473BL	BF144244.D	11/13/2025	15:25
PB170473BS	PB170473BS	BF144245.D	11/13/2025	15:55
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025	16:24
304641-01 Liquid	Q3574-01	BF144247.D	11/13/2025	16:54
SSTDCCC040EC	SSTDCCC040	BF144251.D	11/13/2025	18:53

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3574

Client ID : SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BF144243.D

Time Analyzed: 14:56

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	57801	6.869	225618	8.15	126474	9.90
UPPER LIMIT	115602	7.369	451236	8.651	252948	10.404
LOWER LIMIT	28900.5	6.369	112809	7.651	63237	9.404
EPA SAMPLE NO.						
01 PB170473BL	58185	6.86	226377	8.15	128860	9.90
02 PB170473BS	61443	6.87	243453	8.15	140132	9.91
03 PB170473BSD	58832	6.86	241570	8.15	135120	9.91
04 304641-01 Liquid	55637	6.86	193837	8.15	96234	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3574

Client ID: SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BF144243.D

Time Analyzed: 14:56

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	214028	11.398	119800	14.045	154528	15.521
UPPER LIMIT	428056	11.898	239600	14.545	309056	16.021
LOWER LIMIT	107014	10.898	59900	13.545	77264	15.021
EPA SAMPLE NO.						
01 PB170473BL	235212	11.39	125254	14.05	146599	15.52
02 PB170473BS	236951	11.40	118377	14.05	157737	15.53
03 PB170473BSD	232588	11.40	118249	14.05	155276	15.52
04 304641-01 Liquid	265408	11.40	217534	14.05	307917	15.52

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: PB170473BL
Lab Sample ID: PB170473BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 11/10/25

Date Collected:
Date Received:
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	4.00	U	1	0.50	4.00	5.00	ug/L	11/13/25 15:25	PB170473
208-96-8	Acenaphthylene	4.00	U	1	0.75	4.00	5.00	ug/L	11/13/25 15:25	PB170473
83-32-9	Acenaphthene	4.00	U	1	0.55	4.00	5.00	ug/L	11/13/25 15:25	PB170473
86-73-7	Fluorene	4.00	U	1	0.63	4.00	5.00	ug/L	11/13/25 15:25	PB170473
85-01-8	Phenanthrene	4.00	U	1	0.50	4.00	5.00	ug/L	11/13/25 15:25	PB170473
120-12-7	Anthracene	4.00	U	1	0.61	4.00	5.00	ug/L	11/13/25 15:25	PB170473
206-44-0	Fluoranthene	4.00	U	1	0.82	4.00	5.00	ug/L	11/13/25 15:25	PB170473
129-00-0	Pyrene	4.00	U	1	0.50	4.00	5.00	ug/L	11/13/25 15:25	PB170473
56-55-3	Benzo(a)anthracene	4.00	U	1	0.45	4.00	5.00	ug/L	11/13/25 15:25	PB170473
218-01-9	Chrysene	4.00	U	1	0.44	4.00	5.00	ug/L	11/13/25 15:25	PB170473
205-99-2	Benzo(b)fluoranthene	4.00	U	1	0.49	4.00	5.00	ug/L	11/13/25 15:25	PB170473
207-08-9	Benzo(k)fluoranthene	4.00	U	1	0.48	4.00	5.00	ug/L	11/13/25 15:25	PB170473
50-32-8	Benzo(a)pyrene	4.00	U	1	0.55	4.00	5.00	ug/L	11/13/25 15:25	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1	0.59	4.00	5.00	ug/L	11/13/25 15:25	PB170473
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1	0.67	4.00	5.00	ug/L	11/13/25 15:25	PB170473
191-24-2	Benzo(g,h,i)perylene	4.00	U	1	0.69	4.00	5.00	ug/L	11/13/25 15:25	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	84.0			44 - 120		84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	80.8			44 - 119		81%	SPK: 100		
1718-51-0	Terphenyl-d14	95.0			50 - 134		95%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	58200								
1146-65-2	Naphthalene-d8	226000								
15067-26-2	Acenaphthene-d10	129000								
1517-22-2	Phenanthrene-d10	235000								
1719-03-5	Chrysene-d12	125000								
1520-96-3	Perylene-d12	147000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: PB170473BS
Lab Sample ID: PB170473BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 11/10/25

Date Collected:
Date Received:
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	41.6		1	0.50	4.00	5.00	ug/L	11/13/25 15:55	PB170473
208-96-8	Acenaphthylene	46.9		1	0.75	4.00	5.00	ug/L	11/13/25 15:55	PB170473
83-32-9	Acenaphthene	37.6		1	0.55	4.00	5.00	ug/L	11/13/25 15:55	PB170473
86-73-7	Fluorene	42.8		1	0.63	4.00	5.00	ug/L	11/13/25 15:55	PB170473
85-01-8	Phenanthrene	43.2		1	0.50	4.00	5.00	ug/L	11/13/25 15:55	PB170473
120-12-7	Anthracene	43.3		1	0.61	4.00	5.00	ug/L	11/13/25 15:55	PB170473
206-44-0	Fluoranthene	41.3		1	0.82	4.00	5.00	ug/L	11/13/25 15:55	PB170473
129-00-0	Pyrene	51.7		1	0.50	4.00	5.00	ug/L	11/13/25 15:55	PB170473
56-55-3	Benzo(a)anthracene	45.2		1	0.45	4.00	5.00	ug/L	11/13/25 15:55	PB170473
218-01-9	Chrysene	46.5		1	0.44	4.00	5.00	ug/L	11/13/25 15:55	PB170473
205-99-2	Benzo(b)fluoranthene	41.5		1	0.49	4.00	5.00	ug/L	11/13/25 15:55	PB170473
207-08-9	Benzo(k)fluoranthene	46.1		1	0.48	4.00	5.00	ug/L	11/13/25 15:55	PB170473
50-32-8	Benzo(a)pyrene	46.7		1	0.55	4.00	5.00	ug/L	11/13/25 15:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		1	0.59	4.00	5.00	ug/L	11/13/25 15:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.7		1	0.67	4.00	5.00	ug/L	11/13/25 15:55	PB170473
191-24-2	Benzo(g,h,i)perylene	47.4		1	0.69	4.00	5.00	ug/L	11/13/25 15:55	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	83.2			44 - 120		83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.8			44 - 119		77%	SPK: 100		
1718-51-0	Terphenyl-d14	96.5			50 - 134		96%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	61400								
1146-65-2	Naphthalene-d8	243000								
15067-26-2	Acenaphthene-d10	140000								
1517-22-2	Phenanthrene-d10	237000								
1719-03-5	Chrysene-d12	118000								
1520-96-3	Perylene-d12	158000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: PB170473BSD
Lab Sample ID: PB170473BSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 11/10/25

Date Collected:
Date Received:
SDG No.: Q3574
Matrix: Water
% Solid: 0
Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
91-20-3	Naphthalene	41.1		1	0.50	4.00	5.00	ug/L	11/13/25 16:24	PB170473
208-96-8	Acenaphthylene	47.0		1	0.75	4.00	5.00	ug/L	11/13/25 16:24	PB170473
83-32-9	Acenaphthene	38.2		1	0.55	4.00	5.00	ug/L	11/13/25 16:24	PB170473
86-73-7	Fluorene	42.6		1	0.63	4.00	5.00	ug/L	11/13/25 16:24	PB170473
85-01-8	Phenanthrene	43.1		1	0.50	4.00	5.00	ug/L	11/13/25 16:24	PB170473
120-12-7	Anthracene	43.5		1	0.61	4.00	5.00	ug/L	11/13/25 16:24	PB170473
206-44-0	Fluoranthene	40.8		1	0.82	4.00	5.00	ug/L	11/13/25 16:24	PB170473
129-00-0	Pyrene	49.4		1	0.50	4.00	5.00	ug/L	11/13/25 16:24	PB170473
56-55-3	Benzo(a)anthracene	44.5		1	0.45	4.00	5.00	ug/L	11/13/25 16:24	PB170473
218-01-9	Chrysene	45.7		1	0.44	4.00	5.00	ug/L	11/13/25 16:24	PB170473
205-99-2	Benzo(b)fluoranthene	42.6		1	0.49	4.00	5.00	ug/L	11/13/25 16:24	PB170473
207-08-9	Benzo(k)fluoranthene	45.0		1	0.48	4.00	5.00	ug/L	11/13/25 16:24	PB170473
50-32-8	Benzo(a)pyrene	47.1		1	0.55	4.00	5.00	ug/L	11/13/25 16:24	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		1	0.59	4.00	5.00	ug/L	11/13/25 16:24	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.9		1	0.67	4.00	5.00	ug/L	11/13/25 16:24	PB170473
191-24-2	Benzo(g,h,i)perylene	46.6		1	0.69	4.00	5.00	ug/L	11/13/25 16:24	PB170473
SURROGATES										
4165-60-0	Nitrobenzene-d5	82.0			44 - 120		82%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.5			44 - 119		79%	SPK: 100		
1718-51-0	Terphenyl-d14	94.1			50 - 134		94%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	58800								
1146-65-2	Naphthalene-d8	242000								
15067-26-2	Acenaphthene-d10	135000								
1517-22-2	Phenanthrene-d10	233000								
1719-03-5	Chrysene-d12	118000								
1520-96-3	Perylene-d12	155000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3) Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4) n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S 2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6) Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8) 2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9) Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11) bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12) 1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C 1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14) 1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15) Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16) 2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17) 2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18) Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20) 3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24) Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25) Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C 2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27) 2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28) bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C 2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30) 1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31) Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32) Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33) 4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35) Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C 4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37) 2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38) 1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57	
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78		
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27	
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49	
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05	
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72	
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52	
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12	
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84	
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57	
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71	
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16	
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90	
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07	
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99		
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99	
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64		
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07	
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88	
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58	
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27	
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92	
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10	
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99		
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12	
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18	
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74	
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26	
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76		
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87	
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37	
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36	
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27	
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98		
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79	
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71	
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60	
81)	Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37	
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77		
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72	
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92	
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91		

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)	Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)	Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90) C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)	Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)	Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>PACI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3574</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/13/2025 14:56</u>
Lab File ID:	<u>BF144243.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.375		7.6	
Phenol-d6	1.448	1.526		5.4	
Nitrobenzene-d5	0.346	0.362		4.6	
Naphthalene	0.951	0.964		1.4	
2-Fluorobiphenyl	1.354	1.327		-2.0	
Acenaphthylene	1.623	1.644		1.3	
Acenaphthene	1.085	1.166		7.5	20.0
Fluorene	1.156	1.154		-0.2	
2,4,6-Tribromophenol	0.251	0.249		-0.8	
Phenanthrene	0.996	1.007		1.1	
Anthracene	1.013	1.027		1.4	
Fluoranthene	1.029	0.976		-5.2	20.0
Pyrene	1.613	1.773		9.9	
Terphenyl-d14	1.259	1.311		4.1	
Benzo (a) anthracene	1.386	1.424		2.7	
Chrysene	1.280	1.371		7.1	
Benzo (b) fluoranthene	1.137	1.144		0.6	
Benzo (k) fluoranthene	1.064	1.069		0.5	
Benzo (a) pyrene	1.049	1.055		0.6	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.481		3.1	
Dibenzo (a,h) anthracene	1.153	1.199		4.0	
Benzo (g,h,i) perylene	1.139	1.197		5.1	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>PACI01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3574</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/13/2025 18:53</u>
Lab File ID:	<u>BF144251.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040EC</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.349		5.6	50.0
Phenol-d6	1.448	1.529		5.6	50.0
Nitrobenzene-d5	0.346	0.363		4.9	50.0
Naphthalene	0.951	0.976		2.6	50.0
2-Fluorobiphenyl	1.354	1.375		1.6	50.0
Acenaphthylene	1.623	1.686		3.9	50.0
Acenaphthene	1.085	1.109		2.2	50.0
Fluorene	1.156	1.171		1.3	50.0
2,4,6-Tribromophenol	0.251	0.242		-3.6	50.0
Phenanthrene	0.996	1.031		3.5	50.0
Anthracene	1.013	1.043		3.0	50.0
Fluoranthene	1.029	0.946		-8.1	50.0
Pyrene	1.613	1.723		6.8	50.0
Terphenyl-d14	1.259	1.285		2.1	50.0
Benzo (a) anthracene	1.386	1.449		4.5	50.0
Chrysene	1.280	1.328		3.8	50.0
Benzo (b) fluoranthene	1.137	1.188		4.5	50.0
Benzo (k) fluoranthene	1.064	1.067		0.3	50.0
Benzo (a) pyrene	1.049	1.080		3.0	50.0
Indeno (1,2,3-cd) pyrene	1.436	1.508		5.0	50.0
Dibenzo (a,h) anthracene	1.153	1.205		4.5	50.0
Benzo (g,h,i) perylene	1.139	1.188		4.3	50.0

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water	Gasoline Range Organics	8015D	11/04/25		11/10/25	11/07/25



SAMPLE DATA

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/04/25
Project:	Kilo Pier	Date Received:	11/07/25
Client Sample ID:	304641-01 Liquid	SDG No.:	Q3574
Lab Sample ID:	Q3574-01	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	6520000		10000	63200	90000	450000	ug/L	11/10/25 11:04	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	15.5			50 - 150		77%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

WATER GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Pacific Commercial Services Inc.

Lab Code: ACE

SDG No.: Q3574

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBFI110W1	98				0
BSFI110W1	107				0
BSFI110W2	103				0
304641-01 Liquid	77				0

QC LIMITS

AAA-TFT

For Water : 50-150

For Soil : 50-150

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

WATER GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLIC.

Lab Name:	<u>Alliance</u>	Client:	<u>Pacific Commercial Services Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3574</u>
Client Sample ID :	<u>BSF1110W1</u>	Datafile:	<u>FB032336.D</u>

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
GRO	180	0	206	114	50-150

A

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WATER GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name:	<u>Alliance</u>	Client:	<u>Pacific Commercial Services Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3574</u>
Client Sample ID :	<u>BSF1110W2</u>	Datafile:	<u>FB032337.D</u>

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
GRO	180	0	198	110	50-150

LCS/LCSD % Recovery RPD : 3.57

A

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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1110W1

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: FB032335.D

Lab Sample ID: VBF1110W1

Date Analyzed: 11/10/25

Time Analyzed: 9:13

GC Column: RTX-502.2 ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID: FB

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1110W1	BSF1110W1	FB032336.D	11/10/25
BSF1110W2	BSF1110W2	FB032337.D	11/10/25
304641-01 Liquid	Q3574-01	FB032338.D	11/10/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	VBF1110W1	SDG No.:	Q3574
Lab Sample ID:	VBF1110W1	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	9.00	U	1	6.00	9.00	45.0	ug/L	11/10/25 9:13	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	19.5			50 - 150		98%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	BSF1110W1	SDG No.:	Q3574
Lab Sample ID:	BSF1110W1	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	206		1	6.00	9.00	45.0	ug/L	11/10/25 9:41	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	21.5			50 - 150		107%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	BSF1110W2	SDG No.:	Q3574
Lab Sample ID:	BSF1110W2	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	198		1	6.00	9.00	45.0	ug/L	11/10/25 10:09	FB111025
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.7			50 - 150		103%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: PACI01

ProjectID: Kilo Pier

Lab Code: ACE

SDG No.: Q3574

Calibration Sequence : FB102725		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1379940	30665	FB032267.D
90	2618714	29097	FB032268.D
180	5448966	30272	FB032269.D
450	14683527	32630	FB032270.D
900	30564498	33961	FB032271.D
AVG RF : 31325		% RSD : 6.215	AVG RT : 8.7908

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: PACI01
ProjectID: Kilo Pier
Lab Code: ACE SDG No.: Q3574
DataFile: FB032334.D Analyst Name: YP/AJ Analyst Date: 11-10-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6453043	35850	31325	14.445

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: PACI01
 ProjectID: Kilo Pier
 Lab Code: ACE SDG No.: Q3574
 DataFile: FB032340.D Analyst Name: YP/AJ Analyst Date: 11-10-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6340513	35225	31325	12.45

Analytical Sequence

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Project: Kilo Pier

Instrument ID: FID_B

GC Column: RTX-502.2 ID: 0.53 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION		8.7908			
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	10 Nov 2025 8:19	FB032334.D	8.795	
VBF1110W1	VBF1110W1	10 Nov 2025 9:13	FB032335.D	8.798	
BSF1110W1	BSF1110W1	10 Nov 2025 9:41	FB032336.D	8.799	
BSF1110W2	BSF1110W2	10 Nov 2025 10:09	FB032337.D	8.799	
304641-01 Liquid	Q3574-01	10 Nov 2025 11:04	FB032338.D	8.799	
20 PPB GRO STD	20 PPB GRO STD	10 Nov 2025 12:45	FB032340.D	8.800	

Column used to flag RT values with an * values outside of QC limits

QC Limits
(± 0.10 minutes)

Lower Limit
8.6908

Upper Limits
8.8908

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032328.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 12:15
Operator : YP/AJ
Sample : Q3574-01
Misc
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.748	1059051	52.214 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

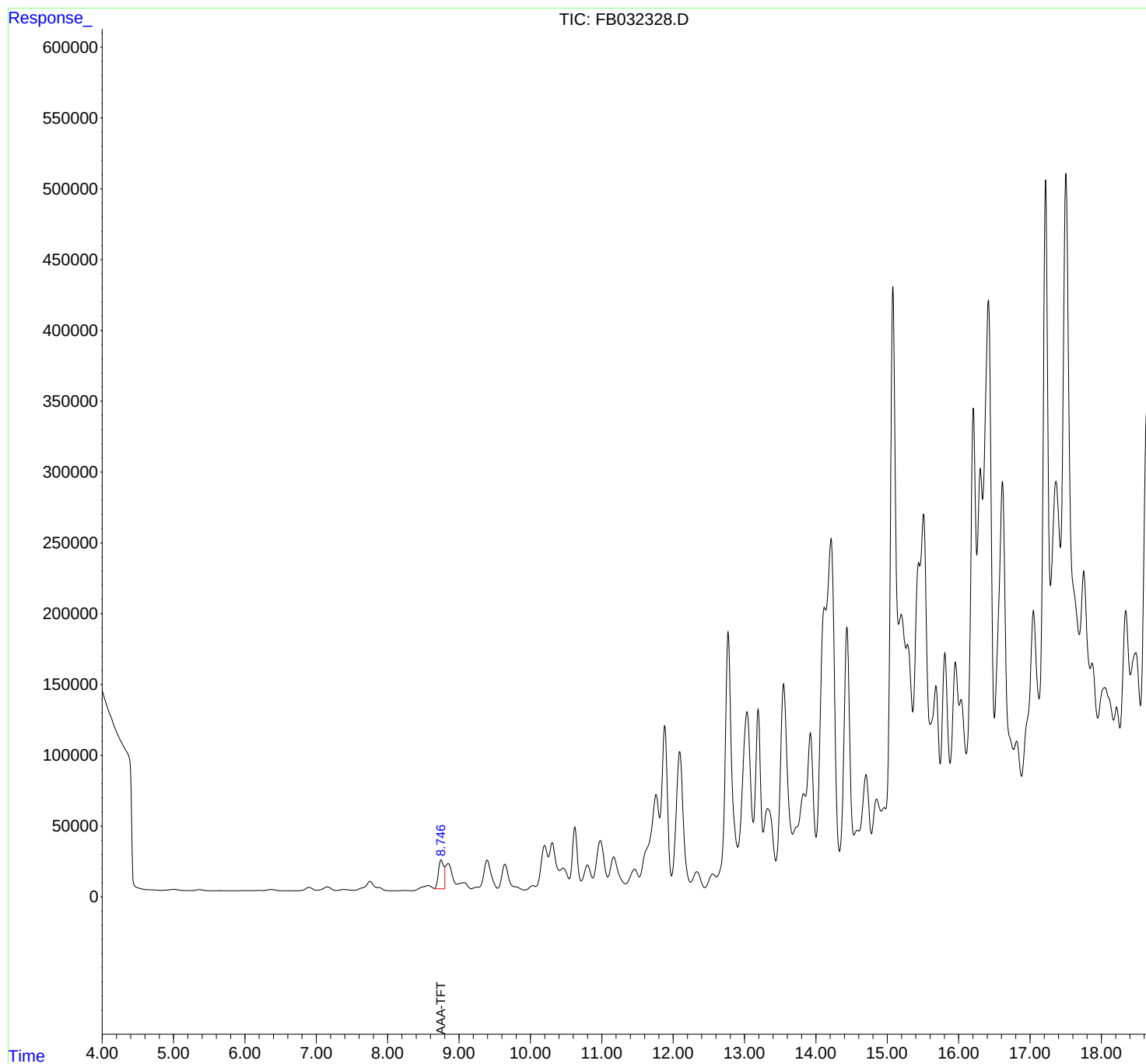
(m)=manual int.

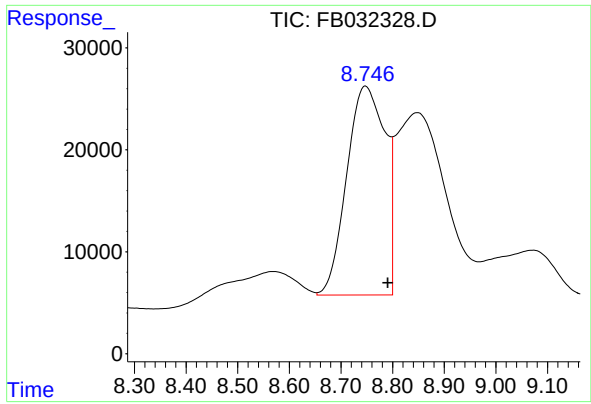
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032328.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 12:15
Operator : YP/AJ
Sample : Q3574-01
Misc
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.748 min
Delta R.T.: -0.043 min
Response: 1059051
Conc: 52.21 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

7

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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
 Data File : FB032328.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2025 12:15
 Sample : Q3574-01
 Misc
 ALS Vial : 1 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.006	4.804	5.238	BV	784	67075	0.28%	0.028%
2	5.528	5.520	5.564	VV	18	60	0.00%	0.000%
3	5.578	5.564	5.588	PV	15	127	0.00%	0.000%
4	5.665	5.588	5.719	VV	79	3046	0.01%	0.001%
5	5.729	5.719	5.764	PV	26	402	0.00%	0.000%
6	5.832	5.764	5.861	VV	35	840	0.00%	0.000%
7	5.877	5.861	5.891	VV	52	750	0.00%	0.000%
8	5.925	5.891	5.943	VV	91	2149	0.01%	0.001%
9	6.040	5.943	6.065	VV	158	8353	0.03%	0.003%
10	6.083	6.065	6.088	VV	124	1709	0.01%	0.001%
11	6.093	6.088	6.108	VV	124	1420	0.01%	0.001%
12	6.198	6.108	6.254	VV	283	16966	0.07%	0.007%
13	6.372	6.254	6.508	VV	906	74276	0.30%	0.031%
14	6.517	6.508	6.542	VV	61	768	0.00%	0.000%
15	6.555	6.542	6.563	VV	23	225	0.00%	0.000%
16	6.576	6.563	6.608	VV	22	370	0.00%	0.000%
17	6.726	6.608	6.744	PV	83	2944	0.01%	0.001%
18	7.157	7.012	7.284	VV	2772	218535	0.90%	0.090%
19	7.385	7.284	7.529	VV	917	84621	0.35%	0.035%
20	7.753	7.529	7.852	VV	6648	577164	2.37%	0.237%
21	7.873	7.852	8.135	VV	2303	111148	0.46%	0.046%
22	8.242	8.135	8.338	PV	204	12373	0.05%	0.005%
23	8.569	8.338	8.653	PV	3593	376019	1.54%	0.154%
24	8.748	8.653	8.800	VV	21747	1168822	4.79%	0.480%
25	8.848	8.800	8.968	VV	19093	1319790	5.41%	0.542%
26	9.071	8.968	9.173	VV	5540	509647	2.09%	0.209%
27	9.246	9.173	9.266	VV	2216	102293	0.42%	0.042%
28	9.394	9.266	9.541	VV	21353	1587039	6.51%	0.652%
29	9.643	9.541	9.919	VV	18423	1327036	5.44%	0.545%
30	10.034	9.919	10.075	PV	3052	162582	0.67%	0.067%
31	10.199	10.075	10.253	VV	31285	1975126	8.10%	0.811%
32	10.306	10.253	10.408	VV	33288	2214102	9.08%	0.909%
33	10.458	10.408	10.545	VV	15111	1038295	4.26%	0.426%
34	10.623	10.545	10.712	VV	44138	2246760	9.21%	0.923%
35	10.800	10.712	10.875	VV	17123	1160561	4.76%	0.477%
36	10.980	10.875	11.084	VV	34240	2611087	10.71%	1.072%

Page 1

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37	11.167	11.084	11.333	VV	22619	1840585	7.55%	0.756%
38	11.460	11.333	11.528	VV	13733	1084912	4.45%	0.446%
39	11.761	11.528	11.812	VV	66282	6324485	25.93%	2.597%
40	11.882	11.812	11.978	VV	114541	6536996	26.80%	2.685%
41	12.092	11.978	12.245	VV	96374	6690800	27.43%	2.748%
42	12.332	12.245	12.443	VV	11335	778189	3.19%	0.320%
43	12.554	12.443	12.607	PV	8152	478211	1.96%	0.196%
44	12.771	12.607	12.906	VV	175756	11187428	45.87%	4.595%
45	13.035	12.906	13.123	VV	116234	9215836	37.78%	3.785%
46	13.191	13.123	13.264	VV	115647	5862182	24.03%	2.408%
47	13.327	13.264	13.439	VV	43862	3313588	13.59%	1.361%
48	13.548	13.439	13.675	VV	128778	8697395	35.66%	3.572%
49	13.923	13.675	14.003	VV	89254	8606109	35.28%	3.534%
50	14.212	14.003	14.332	VV	222024	24390335	100.00%	10.017%
51	14.435	14.332	14.537	PV	155545	8004447	32.82%	3.287%
52	14.702	14.537	14.780	VV	44852	2795132	11.46%	1.148%
53	14.852	14.780	14.917	VV	23978	1316925	5.40%	0.541%
54	15.080	14.917	15.163	VV	379641	21261222	87.17%	8.732%
55	15.196	15.163	15.357	VV	145681	14190816	58.18%	5.828%
56	15.508	15.357	15.602	VV	209049	20788397	85.23%	8.538%
57	15.681	15.602	15.742	VV	83235	5229438	21.44%	2.148%
58	15.808	15.742	15.881	VV	103355	5203172	21.33%	2.137%
59	15.956	15.881	16.107	VV	92851	7940443	32.56%	3.261%
60	16.207	16.107	16.257	VV	265768	13505930	55.37%	5.547%
61	16.305	16.257	16.336	VV	220552	9428678	38.66%	3.872%
62	16.416	16.336	16.454	VBA	336856	19835320	81.32%	8.146%
Sum of corrected areas:					243491449			

FB102725.M Mon Nov 10 03:20:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
 Data File : FB032330.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2025 13:27
 Operator : YP/AJ
 Sample : Q3574-01 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 304641-01 Liquid

Integration File: Calibration.e
 Quant Time: Nov 10 01:12:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:57:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.810	692668	34.150 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

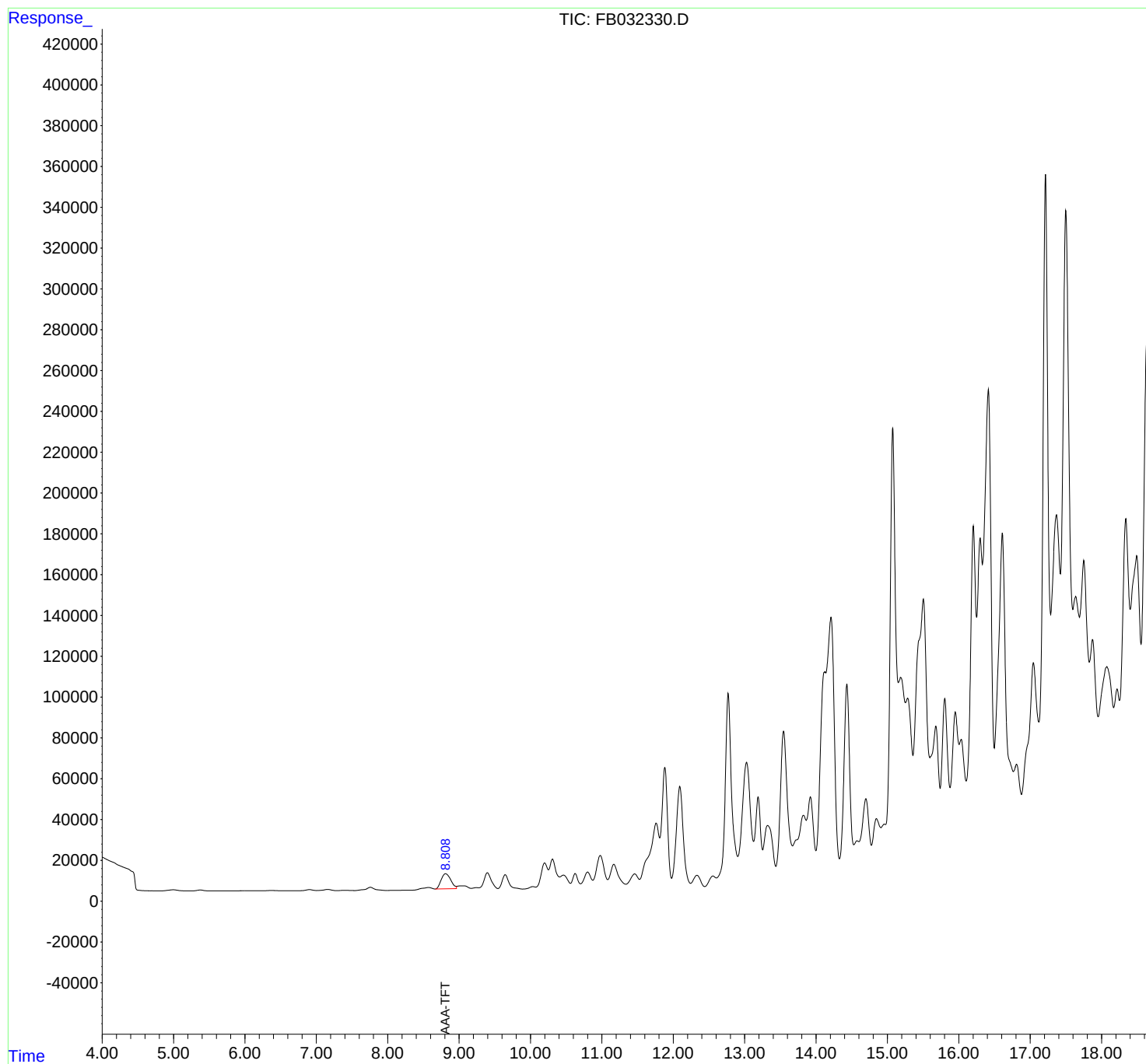
(m)=manual int.

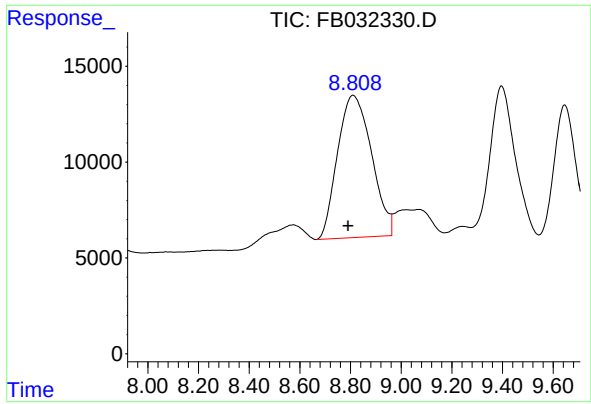
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032330.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 13:27
Operator : YP/AJ
Sample : Q3574-01 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:12:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.810 min
Delta R.T.: 0.019 min
Response: 692668
Conc: 34.15 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
 Data File : FB032330.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2025 13:27
 Sample : Q3574-04 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.697	4.637	4.708	BV	23	212	0.00%	0.000%
2	4.716	4.708	4.781	VV	17	219	0.00%	0.000%
3	4.795	4.781	4.819	PV	30	286	0.00%	0.000%
4	5.234	5.214	5.248	VV	14	152	0.00%	0.000%
5	5.512	5.506	5.549	VV	15	233	0.00%	0.000%
6	5.562	5.549	5.574	VV	18	169	0.00%	0.000%
7	5.584	5.574	5.603	VV	15	153	0.00%	0.000%
8	5.644	5.603	5.659	VV	26	586	0.00%	0.000%
9	5.696	5.659	5.707	VV	37	673	0.01%	0.001%
10	5.731	5.707	5.753	VV	38	584	0.00%	0.000%
11	5.767	5.753	5.783	VV	24	271	0.00%	0.000%
12	5.818	5.783	5.843	PV	18	369	0.00%	0.000%
13	5.860	5.843	5.869	VV	31	305	0.00%	0.000%
14	5.883	5.869	5.894	VV	30	322	0.00%	0.000%
15	5.956	5.894	6.010	VV	40	2099	0.02%	0.002%
16	6.066	6.010	6.087	VV	46	1640	0.01%	0.001%
17	6.105	6.087	6.138	VV	43	1039	0.01%	0.001%
18	6.162	6.138	6.170	VV	53	830	0.01%	0.001%
19	6.188	6.170	6.202	VV	64	939	0.01%	0.001%
20	6.220	6.202	6.233	VV	60	875	0.01%	0.001%
21	6.240	6.233	6.252	VV	36	361	0.00%	0.000%
22	6.376	6.252	6.527	VV	166	13242	0.10%	0.010%
23	6.558	6.527	6.568	VV	19	279	0.00%	0.000%
24	6.583	6.568	6.595	VV	27	225	0.00%	0.000%
25	6.628	6.595	6.653	VV	14	267	0.00%	0.000%
26	6.686	6.653	6.694	VV	26	373	0.00%	0.000%
27	6.699	6.694	6.711	VV	18	120	0.00%	0.000%
28	6.728	6.711	6.760	PV	31	466	0.00%	0.000%
29	6.906	6.760	7.011	VV	524	34778	0.27%	0.028%
30	7.164	7.011	7.281	VV	604	45827	0.35%	0.036%
31	7.292	7.281	7.301	VV	18	110	0.00%	0.000%
32	7.402	7.301	7.494	PV	131	10004	0.08%	0.008%
33	7.500	7.494	7.522	VV	42	530	0.00%	0.000%
34	7.759	7.522	7.977	VV	1592	138560	1.07%	0.110%
35	8.009	7.977	8.021	PV	19	122	0.00%	0.000%
36	8.071	8.021	8.107	VV	35	873	0.01%	0.001%

Page 1

rteres								
37	8.122	8.107	8.136	VV	10	107	0.00%	0.000%
38	8.285	8.136	8.331	PV	47	3657	0.03%	0.003%
39	8.575	8.331	8.664	VV	1269	135751	1.05%	0.107%
40	8.810	8.664	8.963	VV	7943	784239	6.05%	0.621%
41	9.023	8.963	9.043	VV	1888	88080	0.68%	0.070%
42	9.069	9.043	9.173	VV	1883	107970	0.83%	0.085%
43	9.243	9.173	9.275	VV	934	50532	0.39%	0.040%
44	9.397	9.275	9.544	VV	8214	599639	4.63%	0.475%
45	9.646	9.544	9.892	VV	7129	472704	3.65%	0.374%
46	10.033	9.892	10.074	PV	1136	62223	0.48%	0.049%
47	10.199	10.074	10.252	VV	12678	791440	6.11%	0.626%
48	10.309	10.252	10.409	VV	14523	958058	7.39%	0.758%
49	10.463	10.409	10.560	VV	6581	471635	3.64%	0.373%
50	10.626	10.560	10.702	VV	7293	390241	3.01%	0.309%
51	10.801	10.702	10.874	VV	7926	547716	4.23%	0.433%
52	10.978	10.874	11.082	VV	15964	1217215	9.39%	0.963%
53	11.168	11.082	11.336	VV	11555	948014	7.32%	0.750%
54	11.461	11.336	11.528	VV	6695	520645	4.02%	0.412%
55	11.761	11.528	11.810	VV	31421	3033163	23.41%	2.400%
56	11.882	11.810	11.978	VV	58653	3330665	25.70%	2.636%
57	12.092	11.978	12.243	VV	49303	3384409	26.12%	2.678%
58	12.332	12.243	12.441	VV	5592	376439	2.90%	0.298%
59	12.555	12.441	12.606	PV	4367	257698	1.99%	0.204%
60	12.770	12.606	12.904	VV	92329	5848421	45.13%	4.628%
61	13.027	12.904	13.126	VV	56705	4572171	35.28%	3.618%
62	13.189	13.126	13.253	VV	38536	1967861	15.19%	1.557%
63	13.325	13.253	13.437	VV	23547	1823785	14.07%	1.443%
64	13.546	13.437	13.672	VV	68199	4575503	35.31%	3.621%
65	13.825	13.672	13.862	VV	24960	2025602	15.63%	1.603%
66	13.921	13.862	13.998	VV	33296	1880847	14.51%	1.488%
67	14.209	13.998	14.329	VV	119458	12959081	100.00%	10.255%
68	14.432	14.329	14.534	PV	84324	4363119	33.67%	3.453%
69	14.698	14.534	14.777	VV	24695	1588074	12.25%	1.257%
70	14.848	14.777	14.910	VV	12939	693603	5.35%	0.549%
71	15.075	14.910	15.157	VV	201336	11284769	87.08%	8.930%
72	15.187	15.157	15.357	VV	77733	7773043	59.98%	6.151%
73	15.503	15.357	15.597	VV	111917	10813024	83.44%	8.557%
74	15.678	15.597	15.739	VV	47559	3040544	23.46%	2.406%
75	15.804	15.739	15.878	VV	59329	3023139	23.33%	2.392%
76	15.952	15.878	16.103	VV	50658	4448603	34.33%	3.521%
77	16.204	16.103	16.250	VV	138439	7037984	54.31%	5.570%
78	16.301	16.250	16.331	VV	131360	5705122	44.02%	4.515%
79	16.413	16.331	16.454	VBA	203084	12147872	93.74%	9.614%
Sum of corrected areas:					126362501			

FB102725.M Mon Nov 10 03:24:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032331.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 14:34
Operator : YP/AJ
Sample : Q3574-01 500X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:13:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.801	362231	17.859 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

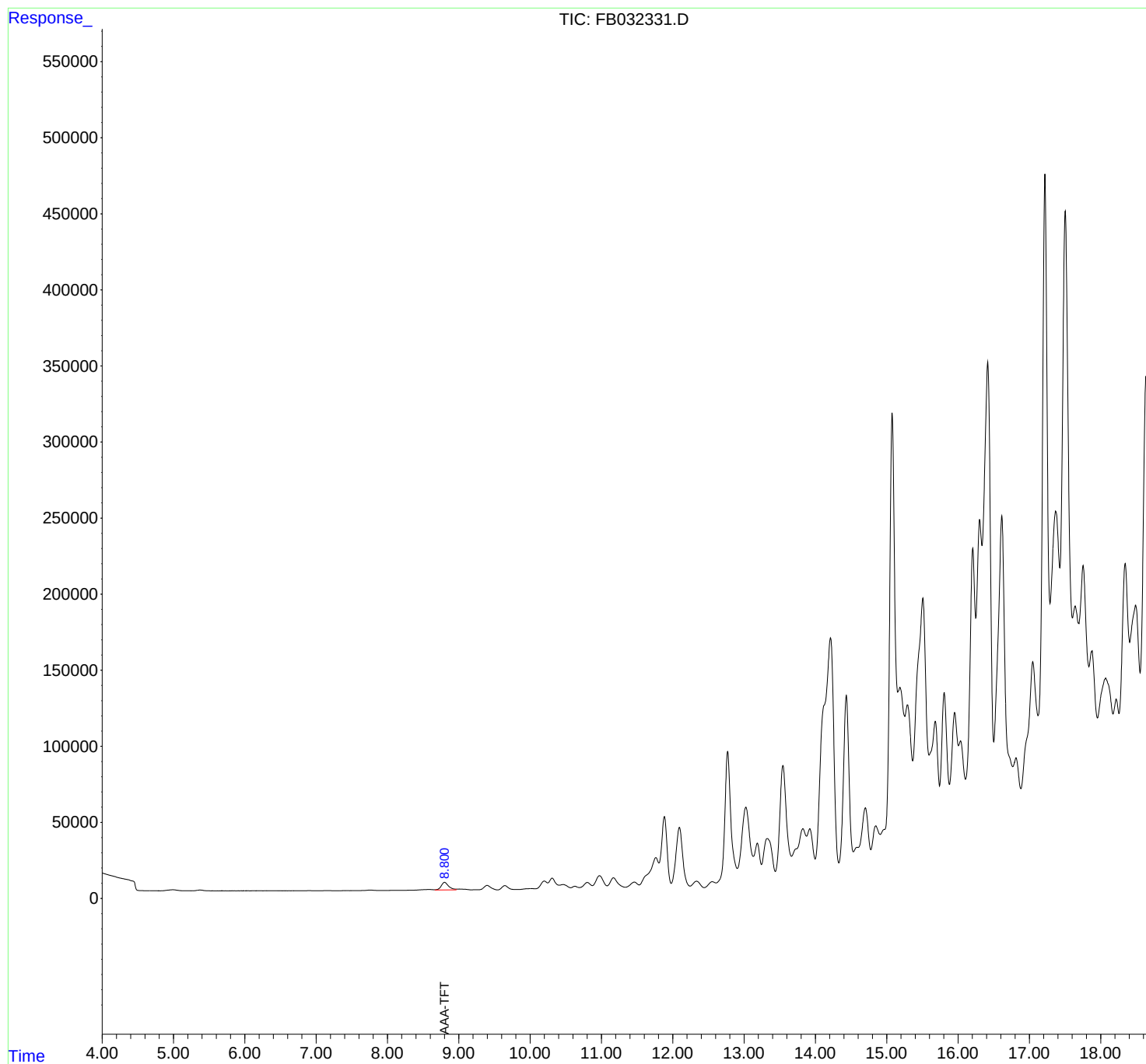
(m)=manual int.

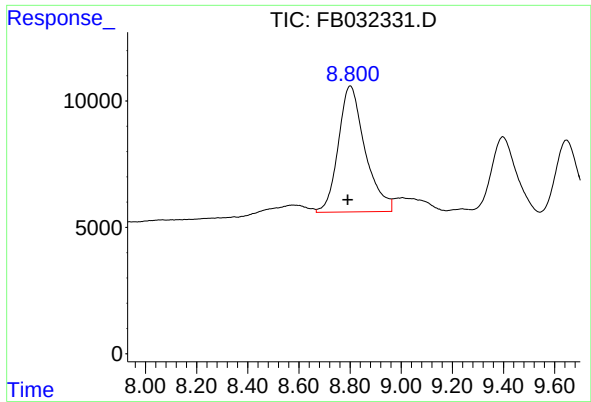
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032331.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 14:34
Operator : YP/AJ
Sample : Q3574-01 500X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Integration File: Calibration.e
Quant Time: Nov 10 01:13:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.801 min
Delta R.T.: 0.010 min
Response: 362231
Conc: 17.86 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

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A

B

C

D

E

F

G

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
 Data File : FB032331.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2025 14:34
 Sample : Q3574-04 500X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.664	4.621	4.684	BV	15	152	0.00%	0.000%
2	4.713	4.684	4.722	PV	21	305	0.00%	0.000%
3	4.735	4.722	4.784	VV	22	567	0.00%	0.000%
4	4.802	4.784	4.816	PV	16	146	0.00%	0.000%
5	5.239	5.216	5.248	VV	26	380	0.00%	0.000%
6	5.538	5.528	5.565	VV	18	192	0.00%	0.000%
7	5.608	5.565	5.632	VV	12	297	0.00%	0.000%
8	5.669	5.632	5.689	VV	13	322	0.00%	0.000%
9	5.696	5.689	5.708	VV	17	132	0.00%	0.000%
10	5.729	5.708	5.756	VV	19	270	0.00%	0.000%
11	5.775	5.756	5.784	VV	11	143	0.00%	0.000%
12	5.793	5.784	5.802	VV	13	99	0.00%	0.000%
13	5.824	5.802	5.841	VV	24	302	0.00%	0.000%
14	5.852	5.841	5.893	PV	23	207	0.00%	0.000%
15	5.907	5.893	5.923	PV	26	263	0.00%	0.000%
16	5.941	5.923	5.969	VV	29	438	0.00%	0.000%
17	5.992	5.969	6.006	VV	35	339	0.00%	0.000%
18	6.016	6.006	6.024	VV	13	113	0.00%	0.000%
19	6.054	6.024	6.067	VV	33	444	0.00%	0.000%
20	6.137	6.067	6.152	VV	31	819	0.00%	0.001%
21	6.219	6.152	6.259	VV	23	988	0.00%	0.001%
22	6.289	6.259	6.306	VV	24	489	0.00%	0.000%
23	6.347	6.306	6.368	VV	40	1113	0.01%	0.001%
24	6.396	6.368	6.417	VV	45	1152	0.01%	0.001%
25	6.431	6.417	6.463	VV	48	795	0.00%	0.001%
26	6.473	6.463	6.486	VV	37	262	0.00%	0.000%
27	6.493	6.486	6.510	VV	22	207	0.00%	0.000%
28	6.519	6.510	6.533	VV	21	183	0.00%	0.000%
29	6.554	6.533	6.571	VV	24	353	0.00%	0.000%
30	6.585	6.571	6.597	VV	19	202	0.00%	0.000%
31	6.617	6.597	6.626	VV	40	348	0.00%	0.000%
32	6.632	6.626	6.643	VV	33	174	0.00%	0.000%
33	6.725	6.643	6.734	PV	31	634	0.00%	0.000%
34	6.770	6.734	6.794	VV	22	508	0.00%	0.000%
35	6.901	6.794	7.003	VV	100	6831	0.03%	0.005%
36	7.011	7.003	7.028	VV	20	233	0.00%	0.000%

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rteres								
37	7.081	7.028	7.089	VV	62	1465	0.01%	0.001%
38	7.156	7.089	7.165	VV	126	4298	0.02%	0.003%
39	7.178	7.165	7.281	VV	124	3631	0.02%	0.003%
40	7.291	7.281	7.304	PV	7	53	0.00%	0.000%
41	7.380	7.304	7.407	VV	45	1456	0.01%	0.001%
42	7.418	7.407	7.429	VV	40	424	0.00%	0.000%
43	7.443	7.429	7.474	VV	42	692	0.00%	0.000%
44	7.482	7.474	7.487	VV	8	64	0.00%	0.000%
45	7.520	7.487	7.529	VV	13	233	0.00%	0.000%
46	7.541	7.529	7.552	VV	12	117	0.00%	0.000%
47	7.569	7.552	7.581	VV	16	142	0.00%	0.000%
48	7.754	7.581	7.865	PV	344	25901	0.13%	0.018%
49	7.876	7.865	7.908	VV	61	1260	0.01%	0.001%
50	7.915	7.908	7.947	VV	36	506	0.00%	0.000%
51	7.957	7.947	7.969	VV	8	89	0.00%	0.000%
52	8.067	7.969	8.094	PV	62	2902	0.01%	0.002%
53	8.105	8.094	8.113	VV	55	565	0.00%	0.000%
54	8.136	8.113	8.144	VV	51	869	0.00%	0.001%
55	8.285	8.144	8.294	VV	91	5899	0.03%	0.004%
56	8.347	8.294	8.364	VV	115	3915	0.02%	0.003%
57	8.579	8.364	8.668	VV	522	65272	0.32%	0.046%
58	8.801	8.668	8.963	VV	5183	396025	1.93%	0.277%
59	9.006	8.963	9.177	VV	714	66592	0.32%	0.047%
60	9.240	9.177	9.280	VV	213	11216	0.05%	0.008%
61	9.397	9.280	9.543	VV	3031	205789	1.00%	0.144%
62	9.647	9.543	9.835	PV	2801	174345	0.85%	0.122%
63	10.024	9.835	10.072	VV	644	65138	0.32%	0.046%
64	10.199	10.072	10.248	VV	5529	340892	1.66%	0.239%
65	10.309	10.248	10.410	VV	7388	486150	2.37%	0.340%
66	10.463	10.410	10.570	VV	3075	222737	1.09%	0.156%
67	10.628	10.570	10.691	VV	1874	101306	0.49%	0.071%
68	10.803	10.691	10.873	VV	4276	297315	1.45%	0.208%
69	10.974	10.873	11.080	VV	8627	651660	3.18%	0.456%
70	11.169	11.080	11.336	VV	7157	559181	2.73%	0.392%
71	11.462	11.336	11.530	VV	4172	311117	1.52%	0.218%
72	11.764	11.530	11.807	VV	20092	1867261	9.11%	1.308%
73	11.883	11.807	11.979	VV	47072	2659722	12.98%	1.863%
74	12.094	11.979	12.243	VV	39834	2662260	12.99%	1.865%
75	12.334	12.243	12.441	VV	4288	287031	1.40%	0.201%
76	12.554	12.441	12.608	PV	2957	170878	0.83%	0.120%
77	12.770	12.608	12.905	VV	86737	5222930	25.48%	3.658%
78	13.026	12.905	13.130	VV	47882	3828914	18.68%	2.682%
79	13.187	13.130	13.245	VV	22880	1166096	5.69%	0.817%
80	13.327	13.245	13.439	VV	24638	1905745	9.30%	1.335%
81	13.546	13.439	13.667	VV	70844	4542841	22.16%	3.182%
82	13.825	13.667	13.876	VV	26899	2335898	11.40%	1.636%
83	13.921	13.876	13.997	VV	26051	1377235	6.72%	0.965%
84	14.212	13.997	14.330	VV	148937	15458869	75.42%	10.827%
85	14.434	14.330	14.534	PV	108047	5519152	26.93%	3.865%
86	14.701	14.534	14.779	VV	29097	1783241	8.70%	1.249%
87	14.848	14.779	14.909	PV	14384	721901	3.52%	0.506%
88	15.077	14.909	15.253	VV	280680	20497737	100.00%	14.356%
89	15.291	15.253	15.364	VV	85103	4827568	23.55%	3.381%

					rteres			
90	15.506	15.364	15.597	VV	151097	13637594	66.53%	9.551%
91	15.680	15.597	15.742	VV	66533	4356588	21.25%	3.051%
92	15.807	15.742	15.881	VV	82788	4241359	20.69%	2.971%
93	15.954	15.881	16.009	VV	66841	3705613	18.08%	2.595%
94	16.034	16.009	16.105	VV	46795	2130908	10.40%	1.492%
95	16.208	16.105	16.249	VV	169501	8529023	41.61%	5.974%
96	16.305	16.249	16.335	VV	186606	8417797	41.07%	5.896%
97	16.416	16.335	16.454	VBA	287630	16896647	82.43%	11.834%
					Sum of corrected areas:	142780424		

FB102725.M Mon Nov 10 03:37:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
 Data File : FB032332.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2025 15:37
 Operator : YP/AJ
 Sample : Q3574-01 5000X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 304641-01 Liquid

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File: Calibration.e
 Quant Time: Nov 10 01:13:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:57:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	353006	17.404 ng/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110725\
Data File : FB032332.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 15:37
Operator : YP/AJ
Sample : Q3574-01 5000X
Misc :
ALS Vial : 5 Sample Multiplier: 1

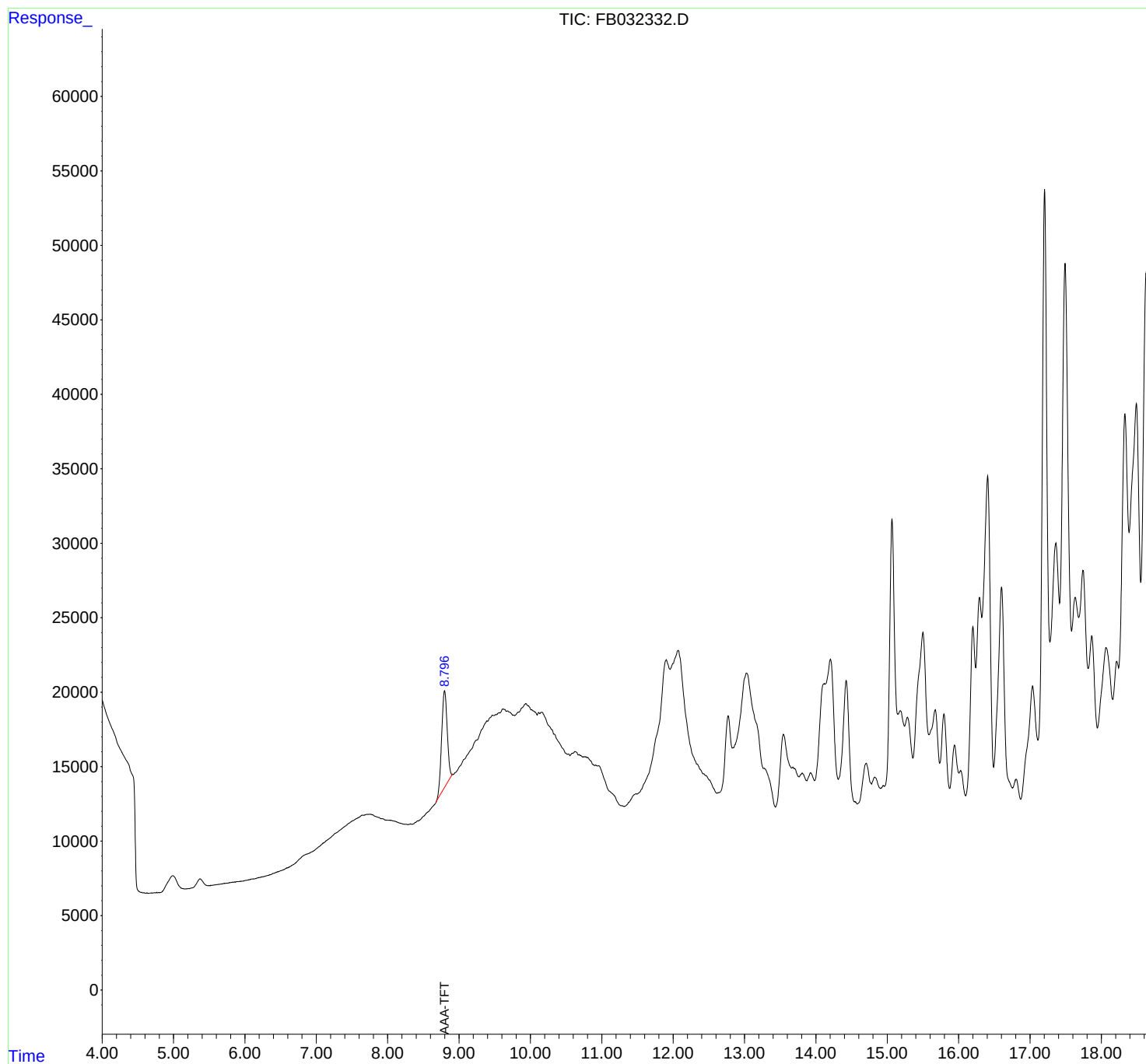
Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

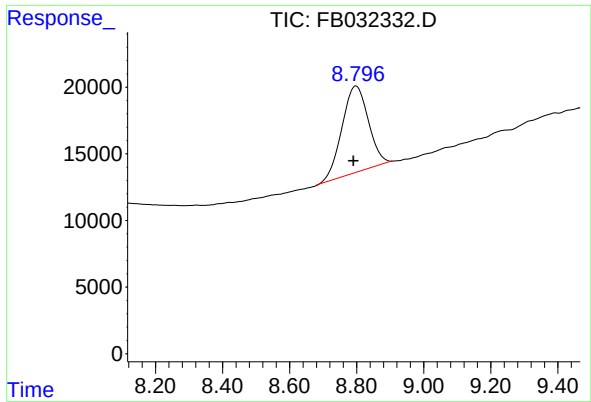
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File: Calibration.e
Quant Time: Nov 10 01:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.796 min
Delta R.T.: 0.006 min
Response: 353006
Conc: 17.40 ng/ml

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

7
A
B
C
D
E
F
G

Instrument :
FID_B

ClientSampleId :
304641-01 Liquid

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB11072
Data File : FB032332.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2025 15:37
Sample : Q3574-04 5000X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.583	4.537	4.611	BV	13	106	0.00%	0.000%
2	4.626	4.611	4.646	PV	27	249	0.01%	0.001%
3	4.689	4.646	4.699	PV	20	249	0.01%	0.001%
4	4.746	4.699	4.756	PV	20	429	0.02%	0.001%
5	4.765	4.756	4.778	VV	30	193	0.01%	0.001%
6	4.788	4.778	4.801	VV	17	136	0.01%	0.000%
7	5.178	5.155	5.190	VV	50	892	0.03%	0.003%
8	5.721	5.507	5.728	VV	103	10775	0.41%	0.035%
9	5.796	5.728	5.803	VV	112	4384	0.17%	0.014%
10	5.860	5.803	5.869	VV	119	4282	0.16%	0.014%
11	5.890	5.869	5.901	VV	112	2063	0.08%	0.007%
12	6.592	5.901	6.599	VV	644	117723	4.53%	0.382%
13	7.648	6.599	7.671	VV	3571	1378157	53.08%	4.466%
14	7.753	7.671	7.911	VV	3575	496996	19.14%	1.611%
15	7.921	7.911	7.991	VV	3175	149017	5.74%	0.483%
16	8.003	7.991	8.095	VV	3034	184878	7.12%	0.599%
17	8.102	8.095	8.247	VV	2909	251322	9.68%	0.815%
18	8.260	8.247	8.283	VV	2612	54695	2.11%	0.177%
19	8.321	8.283	8.347	VV	2595	99839	3.84%	0.324%
20	8.798	8.347	8.901	VV	11263	1595173	61.43%	5.170%
21	9.469	8.901	9.489	VV	9218	2596613	100.00%	8.415%
22	9.618	9.489	9.667	VV	9562	1000313	38.52%	3.242%
23	9.681	9.667	9.780	VV	9394	629898	24.26%	2.041%
24	9.937	9.780	10.095	VV	9734	1763505	67.92%	5.715%
25	10.117	10.095	10.133	VV	9040	204760	7.89%	0.664%
26	10.156	10.133	10.519	VV	9030	1744606	67.19%	5.654%
27	10.533	10.519	10.555	VV	6009	129559	4.99%	0.420%
28	10.625	10.555	10.744	VV	6125	673896	25.95%	2.184%
29	10.756	10.744	10.945	VV	5702	646364	24.89%	2.095%
30	10.958	10.945	11.315	VV	4987	721215	27.78%	2.337%
31	11.904	11.315	11.957	VV	11556	2008470	77.35%	6.509%
32	12.071	11.957	12.616	VV	12088	2507182	96.56%	8.125%
33	12.772	12.616	12.832	VV	7295	564854	21.75%	1.831%
34	13.030	12.832	13.434	VV	10005	2063396	79.46%	6.687%
35	13.547	13.434	13.661	VV	5596	487045	18.76%	1.578%
36	13.677	13.661	13.767	VV	3320	192290	7.41%	0.623%

					rters				
37	13.809	13.767	13.875	VV	2839	171159	6.59%	0.555%	
38	13.927	13.875	13.983	VV	2788	163632			
39	14.204	13.983	14.315	VV	10259	1314748			
40	14.426	14.315	14.582	VV	8703	580932			
41	14.705	14.582	14.779	VV	2991	208012			
42	14.824	14.779	14.907	VV	1981	126548			
43	14.946	14.907	14.961	VV	1350	40911	1.58%	0.133%	
44	15.067	14.961	15.153	VV	19150	1036416	39.91%	3.359%	
45	15.184	15.153	15.243	VV	6242	317698	12.24%	1.030%	
46	15.284	15.243	15.360	VV	5735	336401	12.96%	1.090%	
47	15.500	15.360	15.590	VV	11329	1014448	39.07%	3.288%	
48	15.672	15.590	15.737	VV	6021	415899	16.02%	1.348%	
49	15.795	15.737	15.875	VV	5663	278683	10.73%	0.903%	
50	15.944	15.875	16.004	VV	3489	172561	6.65%	0.559%	
51	16.029	16.004	16.099	VV	1726	60858	2.34%	0.197%	
52	16.201	16.099	16.240	PV	11215	499537	19.24%	1.619%	
53	16.293	16.240	16.326	VV	13073	590419	22.74%	1.913%	
54	16.407	16.326	16.453	VBA	21083	1241501	47.81%	4.024%	
Sum of corrected areas:						30855887			

Instrument :
FID_B
ClientSampleId :
304641-01 Liquid

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

FB102725.M Mon Nov 10 03:49:15 2025

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water			11/04/25			11/07/25
			Gasoline Range Organics	8015D			11/10/25	
			TPH GC	8015D		11/10/25	11/11/25	



SAMPLE DATA

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/04/25
Project:	Kilo Pier	Date Received:	11/07/25
Client Sample ID:	304641-01 Liquid	SDG No.:	Q3574
Lab Sample ID:	Q3574-01	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	840 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	TPH GC
	Prep Date:	11/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
PHC	Petroleum Hydrocarbons	374000		500	6960	25300	50600	ug/L	11/11/25 13:58	PB170474
SURROGATES										
16416-32-3	TETRACOSANE-d50	0.69	*		29 - 130		1725%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

Q3574

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

WATER TPH GC SURROGATE RECOVERY

Lab Name: Alliance

Client: Pacific Commercial Services Inc.

Lab Code: ACE

SDG No.: Q3574

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016644.D	84				0
PIBLK-FF016652.D	90				0
PB170474BL	82				0
PB170474BS	89				0
PB170474BSD	88				0
304641-01 Liquid	1725 *				1

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

WATER TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Pacific Commercial Services Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3574</u>
Client Sample ID :	<u>PB170474BS</u>	Datafile:	<u>FF016648.D</u>

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	340	0	328	96	78-117

A

B

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WATER TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Pacific Commercial Services Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3574</u>
Client Sample ID :	<u>PB170474BSD</u>	Datafile:	<u>FF016649.D</u>

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	340	0	328	96	78-117

LCS/LCSD % Recovery RPD : 0

A

B

C

D

E

F

G

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170474BL

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG NO.: Q3574

Lab File ID: FF016647.D

Lab Sample ID: PB170474BL

Instrument ID: FF

Date Extracted: 11/11/2025

Matrix: (soil/water) Water

Date Analyzed: 11/11/25

Level: (low/med) low

Time Analyzed: 12:01

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170474BS	PB170474BS	FF016648.D	11/11/25
PB170474BSD	PB170474BSD	FF016649.D	11/11/25
304641-01 Liquid	Q3574-01	FF016651.D	11/11/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	PB170474BL	SDG No.:	Q3574
Lab Sample ID:	PB170474BL	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	TPH GC
Prep Method:	SW3510	Final Vol:	1 mL
		Prep Date:	11/10/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
PHC	Petroleum Hydrocarbons	42.0	U	1	12.0	42.0	85.0	ug/L	11/11/25 12:01	PB170474
SURROGATES										
16416-32-3	TETRACOSANE-d50	16.4			29 - 130		82%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/11/25
Project:	Kilo Pier	Date Received:	11/11/25
Client Sample ID:	PIBLK-FF016644.D	SDG No.:	Q3574
Lab Sample ID:	I.BLK-FF016644.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	TPH GC
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
PHC	Petroleum Hydrocarbons	42.0	U	1	12.0	42.0	85.0	ug/L	11/11/25	FF111125
SURROGATES										
16416-32-3	TETRACOSANE-d50	16.9			29 - 130		84%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/11/25
Project:	Kilo Pier	Date Received:	11/11/25
Client Sample ID:	PIBLK-FF016652.D	SDG No.:	Q3574
Lab Sample ID:	I.BLK-FF016652.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	TPH GC
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
PHC	Petroleum Hydrocarbons	42.0	U	1	12.0	42.0	85.0	ug/L	11/11/25	FF111125
SURROGATES										
16416-32-3	TETRACOSANE-d50	18.1			29 - 130		90%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	PB170474BS	SDG No.:	Q3574
Lab Sample ID:	PB170474BS	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	TPH GC
Prep Method:	SW3510		
	Final Vol: 1 mL		
	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
PHC	Petroleum Hydrocarbons	328		1	12.0	42.0	85.0	ug/L	11/11/25 12:30	PB170474
SURROGATES										
16416-32-3	TETRACOSANE-d50	17.7			29 - 130		89%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	
Project:	Kilo Pier	Date Received:	
Client Sample ID:	PB170474BSD	SDG No.:	Q3574
Lab Sample ID:	PB170474BSD	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	TPH GC
	Final Vol: 1 mL		
Prep Method:	SW3510	Prep Date:	11/10/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
PHC	Petroleum Hydrocarbons	328		1	12.0	42.0	85.0	ug/L	11/11/25 12:59	PB170474
SURROGATES										
16416-32-3	TETRACOSANE-d50	17.6			29 - 130		88%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: PACI01
 ProjectID: Kilo Pier
 Lab Code: ACE SDG No.: Q3574

Calibration Sequence : FF102925		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
85	9472915	111446	FF016603.D
170	18165984	106859	FF016604.D
340	37023074	108891	FF016605.D
850	89698209	105527	FF016606.D
1700	169764046	99861	FF016607.D
AVG RF : 106517		% RSD : 4.074	AVG RT : 15.059

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: PACI01
ProjectID: Kilo Pier
Lab Code: ACE SDG No.: Q3574
DataFile: FF016645.D Analyst Name: YP\AJ Analyst Date: 11-11-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	85848516	100998	106517	5.181

TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: PACI01
 ProjectID: Kilo Pier
 Lab Code: ACE SDG No.: Q3574
 DataFile: FF016653.D Analyst Name: YP\AJ Analyst Date: 11-11-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	92939637	109341	106517	2.651

Analytical Sequence

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Project: Kilo Pier

Instrument ID: FID_F

GC Column: RXI-1MS ID: 0.18 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.059					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	11 Nov 2025 09:30	FF016644.D	15.061	
50 PPM TRPH STD	50 PPM TRPH STD	11 Nov 2025 11:01	FF016645.D	15.063	
PB170474BL	PB170474BL	11 Nov 2025 12:01	FF016647.D	15.060	
PB170474BS	PB170474BS	11 Nov 2025 12:30	FF016648.D	15.060	
PB170474BSD	PB170474BSD	11 Nov 2025 12:59	FF016649.D	15.060	
304641-01 Liquid	Q3574-01	11 Nov 2025 13:58	FF016651.D	15.099	
PIBLK02	LBLK02	11 Nov 2025 14:27	FF016652.D	15.059	
50 PPM TRPH STD	50 PPM TRPH STD	11 Nov 2025 14:57	FF016653.D	15.061	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111125\
Data File : FF016650.D
Signal(s) : FID2B.ch
Acq On : 11 Nov 2025 13:29
Operator : YP\AJ
Sample : Q3574-01 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
304641-01 Liquid

Integration File: autoint1.e
Quant Time: Nov 12 00:18:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.100	384215	3.678 ug/ml

Target Compounds

(f)=RT Delta > 1/2 Window

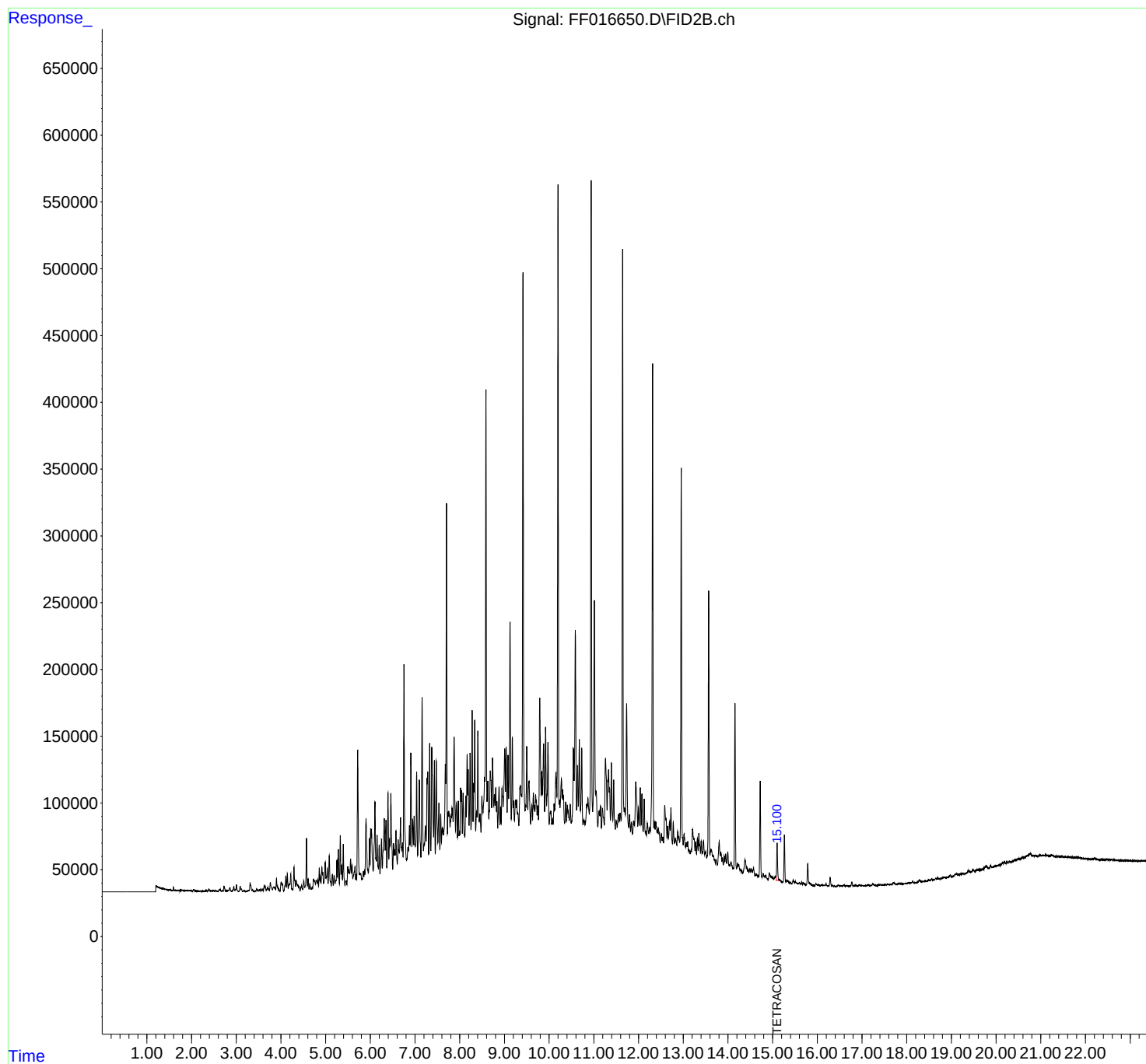
(m)=manual int.

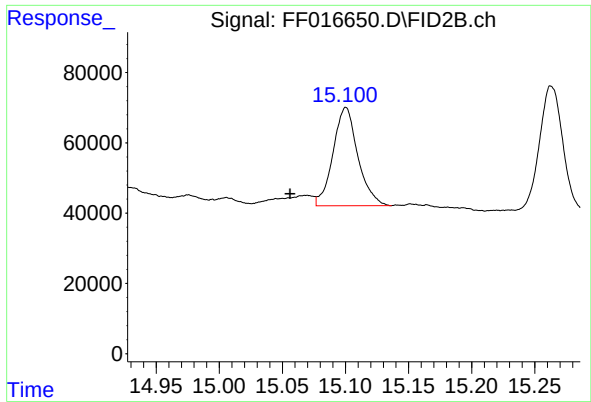
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111125\
Data File : FF016650.D
Signal(s) : FID2B.ch
Acq On : 11 Nov 2025 13:29
Operator : YP\AJ
Sample : Q3574-01 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
304641-01 Liquid

Integration File: autoint1.e
Quant Time: Nov 12 00:18:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
Quant Title :
QLast Update : Wed Oct 29 12:48:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.100 min
Delta R.T.: 0.044 min
Response: 384215
Conc: 3.68 ug/ml

Instrument :
FID_F
ClientSampleId :
304641-01 Liquid

8

A

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G

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111125\
 Data File : FF016650.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2025 13:29
 Sample : Q3574-01 100X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.923	1.900	1.942	BV	363	3649	0.05%	0.001%
2	1.952	1.942	1.960	PV	123	622	0.01%	0.000%
3	1.963	1.960	1.967	VV	60	195	0.00%	0.000%
4	1.979	1.967	2.022	VV	379	4938	0.06%	0.001%
5	2.058	2.022	2.102	PV	1061	21623	0.27%	0.006%
6	2.107	2.102	2.124	VV	135	1258	0.02%	0.000%
7	2.139	2.124	2.179	VV	232	3222	0.04%	0.001%
8	2.206	2.179	2.234	VV	172	2275	0.03%	0.001%
9	2.256	2.234	2.289	VV	369	5024	0.06%	0.001%
10	2.293	2.289	2.300	PV	50	129	0.00%	0.000%
11	2.324	2.300	2.351	VV	1316	17279	0.21%	0.005%
12	2.354	2.351	2.361	VV	170	914	0.01%	0.000%
13	2.389	2.361	2.425	VV	1844	30495	0.38%	0.009%
14	2.428	2.425	2.437	VV	445	2149	0.03%	0.001%
15	2.455	2.437	2.469	VV	790	9959	0.12%	0.003%
16	2.485	2.469	2.511	VV	1260	17088	0.21%	0.005%
17	2.531	2.511	2.543	VV	607	8989	0.11%	0.003%
18	2.548	2.543	2.577	VV	497	5094	0.06%	0.002%
19	2.616	2.577	2.628	PV	1426	17281	0.21%	0.005%
20	2.640	2.628	2.672	VV	1852	23397	0.29%	0.007%
21	2.688	2.672	2.706	VV	726	8438	0.10%	0.003%
22	2.725	2.706	2.765	VV	4093	67150	0.83%	0.020%
23	2.779	2.765	2.789	VV	491	5622	0.07%	0.002%
24	2.801	2.789	2.810	VV	713	7780	0.10%	0.002%
25	2.820	2.810	2.834	VV	977	11156	0.14%	0.003%
26	2.860	2.834	2.905	VV	2892	52907	0.66%	0.016%
27	2.945	2.905	2.968	VV	3857	60654	0.75%	0.018%
28	2.980	2.968	2.985	VV	1252	11387	0.14%	0.003%
29	3.004	2.985	3.043	VV	5076	68867	0.85%	0.021%
30	3.047	3.043	3.058	VV	161	1021	0.01%	0.000%
31	3.089	3.058	3.106	VV	3921	57409	0.71%	0.017%
32	3.117	3.106	3.159	VV	1945	26533	0.33%	0.008%
33	3.176	3.159	3.212	VV	851	13475	0.17%	0.004%
34	3.242	3.212	3.254	PV	315	4725	0.06%	0.001%
35	3.269	3.254	3.283	VV	960	11327	0.14%	0.003%
36	3.311	3.283	3.348	VV	6527	122371	1.52%	0.036%

Page 1

rteres								
37	3.364	3.348	3.404	VV	1261	19002	0.24%	0.006%
38	3.426	3.404	3.437	PV	491	6323	0.08%	0.002%
39	3.454	3.437	3.472	VV	2140	26293	0.33%	0.008%
40	3.485	3.472	3.510	VV	1374	19340	0.24%	0.006%
41	3.527	3.510	3.544	VV	1317	19743	0.25%	0.006%
42	3.557	3.544	3.575	VV	1794	21991	0.27%	0.007%
43	3.594	3.575	3.609	VV	1742	21965	0.27%	0.007%
44	3.627	3.609	3.640	VV	4798	59552	0.74%	0.018%
45	3.648	3.640	3.669	VV	3721	42389	0.53%	0.013%
46	3.685	3.669	3.692	VV	1887	18002	0.22%	0.005%
47	3.706	3.692	3.724	VV	3118	41461	0.51%	0.012%
48	3.734	3.724	3.742	VV	1234	12726	0.16%	0.004%
49	3.763	3.742	3.810	VV	6696	135895	1.69%	0.040%
50	3.842	3.810	3.855	VV	3321	73685	0.91%	0.022%
51	3.862	3.855	3.879	VV	2903	32976	0.41%	0.010%
52	3.899	3.879	3.915	VV	9624	115845	1.44%	0.035%
53	3.922	3.915	3.939	VV	4018	43510	0.54%	0.013%
54	3.949	3.939	3.976	VV	2299	27839	0.35%	0.008%
55	4.003	3.976	4.021	VV	6759	110192	1.37%	0.033%
56	4.032	4.021	4.062	VV	5782	79870	0.99%	0.024%
57	4.089	4.062	4.095	VV	4452	45329	0.56%	0.014%
58	4.109	4.095	4.125	VV	11650	133792	1.66%	0.040%
59	4.143	4.125	4.163	VV	13425	169691	2.11%	0.051%
60	4.189	4.163	4.200	VV	5413	102178	1.27%	0.030%
61	4.220	4.200	4.241	VV	13005	177646	2.20%	0.053%
62	4.249	4.241	4.265	VV	1945	21191	0.26%	0.006%
63	4.292	4.265	4.326	VV	18148	304064	3.77%	0.091%
64	4.343	4.326	4.372	VV	7840	150924	1.87%	0.045%
65	4.381	4.372	4.397	VV	4807	59588	0.74%	0.018%
66	4.408	4.397	4.428	VV	3639	39289	0.49%	0.012%
67	4.464	4.428	4.488	VV	4037	85295	1.06%	0.025%
68	4.511	4.488	4.533	VV	7935	116823	1.45%	0.035%
69	4.572	4.533	4.594	VV	39686	502851	6.24%	0.150%
70	4.608	4.594	4.628	VV	9334	110701	1.37%	0.033%
71	4.647	4.628	4.668	VV	5356	75872	0.94%	0.023%
72	4.681	4.668	4.690	VV	2035	22844	0.28%	0.007%
73	4.703	4.690	4.709	VV	2259	23298	0.29%	0.007%
74	4.728	4.709	4.740	VV	8927	113884	1.41%	0.034%
75	4.750	4.740	4.771	VV	7821	132379	1.64%	0.039%
76	4.787	4.771	4.813	VV	8059	173910	2.16%	0.052%
77	4.826	4.813	4.841	VV	9069	113809	1.41%	0.034%
78	4.858	4.841	4.871	VV	17398	196854	2.44%	0.059%
79	4.881	4.871	4.896	VV	10909	126861	1.57%	0.038%
80	4.917	4.896	4.930	VV	17735	256208	3.18%	0.076%
81	4.937	4.930	4.955	VV	13938	158046	1.96%	0.047%
82	4.991	4.955	5.007	VV	21672	384940	4.78%	0.115%
83	5.037	5.007	5.056	VV	16754	326941	4.06%	0.097%
84	5.081	5.056	5.105	VV	26515	436877	5.42%	0.130%
85	5.110	5.105	5.126	VV	7090	72629	0.90%	0.022%
86	5.151	5.126	5.170	VV	12325	221269	2.75%	0.066%
87	5.190	5.170	5.213	VV	11804	200153	2.48%	0.060%
88	5.226	5.213	5.235	VV	7740	91273	1.13%	0.027%
89	5.252	5.235	5.266	VV	22977	289735	3.60%	0.086%

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90	5.284	5.266	5.308	VV	30915	456156	5.66%	0.136%
91	5.329	5.308	5.345	VV	41537	503243	6.25%	0.150%
92	5.359	5.345	5.376	VV	19343	263891	3.28%	0.079%
93	5.396	5.376	5.431	VV	34895	520373	6.46%	0.155%
94	5.460	5.431	5.475	VV	7595	165972	2.06%	0.049%
95	5.496	5.475	5.508	VV	18178	243579	3.02%	0.073%
96	5.518	5.508	5.540	VV	16087	273606	3.40%	0.082%
97	5.559	5.540	5.575	VV	23957	382791	4.75%	0.114%
98	5.591	5.575	5.608	VV	19383	296717	3.68%	0.088%
99	5.656	5.608	5.672	VV	18144	490987	6.09%	0.146%
100	5.684	5.672	5.695	VV	12363	143872	1.79%	0.043%
101	5.717	5.695	5.756	VV	105150	1678988	20.84%	0.500%
102	5.764	5.756	5.771	VV	12532	110424	1.37%	0.033%
103	5.781	5.771	5.811	VV	12866	269016	3.34%	0.080%
104	5.817	5.811	5.826	VV	8685	77083	0.96%	0.023%
105	5.844	5.826	5.857	VV	14352	218421	2.71%	0.065%
106	5.868	5.857	5.878	VV	15139	162860	2.02%	0.049%
107	5.903	5.878	5.935	VV	53723	1135356	14.09%	0.338%
108	5.942	5.935	5.954	VV	16353	171433	2.13%	0.051%
109	5.982	5.954	5.994	VV	39040	561254	6.97%	0.167%
110	6.007	5.994	6.016	VV	46499	500869	6.22%	0.149%
111	6.027	6.016	6.063	VV	45576	852106	10.58%	0.254%
112	6.103	6.063	6.135	VV	66600	1443788	17.92%	0.430%
113	6.151	6.135	6.181	VV	41315	721712	8.96%	0.215%
114	6.198	6.181	6.215	VV	34234	480233	5.96%	0.143%
115	6.249	6.215	6.269	VV	38525	778445	9.66%	0.232%
116	6.311	6.269	6.333	VV	53907	1391363	17.27%	0.415%
117	6.349	6.333	6.368	VV	52600	747685	9.28%	0.223%
118	6.395	6.368	6.414	VV	73311	1122432	13.93%	0.334%
119	6.435	6.414	6.445	VV	38858	617859	7.67%	0.184%
120	6.459	6.445	6.500	VV	72701	1390197	17.26%	0.414%
121	6.519	6.500	6.531	VV	35135	493056	6.12%	0.147%
122	6.543	6.531	6.556	VV	30319	424770	5.27%	0.127%
123	6.573	6.556	6.603	VV	44799	873573	10.84%	0.260%
124	6.622	6.603	6.650	VV	37855	838137	10.40%	0.250%
125	6.674	6.650	6.705	VV	54677	1262785	15.67%	0.376%
126	6.718	6.705	6.731	VV	35630	488359	6.06%	0.145%
127	6.752	6.731	6.804	VV	168997	2817919	34.98%	0.840%
128	6.812	6.804	6.819	VV	23528	206073	2.56%	0.061%
129	6.840	6.819	6.854	VV	32004	603247	7.49%	0.180%
130	6.875	6.854	6.888	VV	48513	810672	10.06%	0.242%
131	6.906	6.888	6.931	VV	102876	1597424	19.83%	0.476%
132	6.946	6.931	6.965	VV	52843	921971	11.44%	0.275%
133	6.979	6.965	7.005	VV	55713	983031	12.20%	0.293%
134	7.035	7.005	7.059	VV	88724	1609747	19.98%	0.480%
135	7.096	7.059	7.130	VV	82598	2049923	25.44%	0.611%
136	7.157	7.130	7.188	VV	144237	2368158	29.39%	0.706%
137	7.208	7.188	7.213	VV	35497	501351	6.22%	0.149%
138	7.232	7.213	7.247	VV	48014	857701	10.65%	0.256%
139	7.269	7.247	7.275	VV	84099	1009110	12.53%	0.301%
140	7.284	7.275	7.305	VV	88708	1146574	14.23%	0.342%
141	7.327	7.305	7.353	VV	109951	1712323	21.25%	0.510%

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142	7.374	7.353	7.416	VV	106920	2566678	31.86%	0.765%
143	7.433	7.416	7.452	VV	97067	1325370	16.45%	0.395%
144	7.475	7.452	7.511	VV	96835	1983181	24.62%	0.591%
145	7.534	7.511	7.555	VV	65147	1283320	15.93%	0.382%
146	7.575	7.555	7.591	VV	56960	946400	11.75%	0.282%
147	7.606	7.591	7.613	VV	46160	575267	7.14%	0.171%
148	7.624	7.613	7.638	VV	45768	639282	7.93%	0.190%
149	7.677	7.638	7.685	VV	94045	1779232	22.08%	0.530%
150	7.704	7.685	7.725	VV	289494	3566977	44.27%	1.063%
151	7.739	7.725	7.746	VV	57666	679897	8.44%	0.203%
152	7.754	7.746	7.767	VV	59034	712648	8.85%	0.212%
153	7.770	7.767	7.783	VV	55839	496609	6.16%	0.148%
154	7.808	7.783	7.814	VV	55425	976764	12.12%	0.291%
155	7.828	7.814	7.852	VV	61273	1280072	15.89%	0.381%
156	7.874	7.852	7.906	VV	114510	2491658	30.93%	0.742%
157	7.923	7.906	7.949	VV	65132	1391278	17.27%	0.415%
158	7.967	7.949	7.985	VV	66517	1151633	14.29%	0.343%
159	7.995	7.985	8.002	VV	43412	428176	5.31%	0.128%
160	8.020	8.002	8.029	VV	76150	1014695	12.59%	0.302%
161	8.040	8.029	8.058	VV	74462	1083289	13.45%	0.323%
162	8.075	8.058	8.114	VV	72490	1763001	21.88%	0.525%
163	8.135	8.114	8.147	VV	70193	1123336	13.94%	0.335%
164	8.165	8.147	8.179	VV	101485	1524679	18.92%	0.454%
165	8.190	8.179	8.208	VV	90039	1244686	15.45%	0.371%
166	8.232	8.208	8.252	VV	102247	1823111	22.63%	0.543%
167	8.278	8.252	8.298	VV	134645	2251384	27.94%	0.671%
168	8.314	8.298	8.321	VV	79889	925306	11.48%	0.276%
169	8.336	8.321	8.357	VV	127209	1862073	23.11%	0.555%
170	8.377	8.357	8.387	VV	58487	969659	12.04%	0.289%
171	8.406	8.387	8.436	VV	118908	2209813	27.43%	0.658%
172	8.453	8.436	8.477	VV	56920	1237151	15.36%	0.369%
173	8.496	8.477	8.521	VV	69961	1578964	19.60%	0.470%
174	8.558	8.521	8.564	VV	83786	1841723	22.86%	0.549%
175	8.587	8.564	8.611	VV	374875	5117476	63.52%	1.525%
176	8.629	8.611	8.650	VV	81213	1658477	20.59%	0.494%
177	8.683	8.650	8.715	VV	88867	2798476	34.73%	0.834%
178	8.734	8.715	8.762	VV	98631	2218587	27.54%	0.661%
179	8.778	8.762	8.792	VV	70997	1198770	14.88%	0.357%
180	8.806	8.792	8.822	VV	76344	1251131	15.53%	0.373%
181	8.834	8.822	8.850	VV	65913	979912	12.16%	0.292%
182	8.880	8.850	8.902	VV	76470	1870897	23.22%	0.557%
183	8.915	8.902	8.928	VV	62182	873013	10.84%	0.260%
184	8.946	8.928	8.956	VV	76004	1127910	14.00%	0.336%
185	8.960	8.956	8.971	VV	70123	605722	7.52%	0.180%
186	9.007	8.971	9.024	VV	105372	2625906	32.59%	0.782%
187	9.039	9.024	9.061	VV	106511	1912950	23.74%	0.570%
188	9.081	9.061	9.096	VV	100423	1666380	20.68%	0.496%
189	9.126	9.096	9.153	VV	199661	3777560	46.89%	1.125%
190	9.178	9.153	9.196	VV	113379	2035352	25.26%	0.606%
191	9.204	9.196	9.223	VV	66249	995186	12.35%	0.296%
192	9.247	9.223	9.261	VV	66889	1381661	17.15%	0.412%
193	9.274	9.261	9.323	VV	66899	2158566	26.79%	0.643%
194	9.356	9.323	9.373	VV	77473	2047773	25.42%	0.610%

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195	9.382	9.373	9.391	VV	71207	746107	9.26%	0.222%
196	9.416	9.391	9.462	VV	461441	7220866	89.63%	2.151%
197	9.500	9.462	9.522	VV	106854	2727040	33.85%	0.812%
198	9.551	9.522	9.583	VV	80852	2516122	31.23%	0.750%
199	9.613	9.583	9.628	VV	63182	1534102	19.04%	0.457%
200	9.648	9.628	9.664	VV	72395	1381849	17.15%	0.412%
201	9.672	9.664	9.683	VV	62486	694840	8.62%	0.207%
202	9.699	9.683	9.709	VV	70719	1033901	12.83%	0.308%
203	9.715	9.709	9.731	VV	66315	793936	9.85%	0.237%
204	9.746	9.731	9.761	VV	62111	1057006	13.12%	0.315%
205	9.791	9.761	9.821	VV	143244	3413963	42.37%	1.017%
206	9.834	9.821	9.848	VV	87976	1298939	16.12%	0.387%
207	9.877	9.848	9.899	VV	108717	2548803	31.64%	0.759%
208	9.921	9.899	9.942	VV	121395	2230643	27.69%	0.665%
209	9.974	9.942	10.002	VV	109965	2711741	33.66%	0.808%
210	10.025	10.002	10.029	VV	57513	864739	10.73%	0.258%
211	10.038	10.029	10.057	VV	58391	930889	11.55%	0.277%
212	10.077	10.057	10.090	VV	52686	987098	12.25%	0.294%
213	10.109	10.090	10.123	VV	63855	1142040	14.18%	0.340%
214	10.152	10.123	10.173	VV	86622	2267064	28.14%	0.675%
215	10.198	10.173	10.221	VV	525663	6761090	83.92%	2.014%
216	10.229	10.221	10.242	VV	66390	793141	9.84%	0.236%
217	10.276	10.242	10.291	VV	82606	2132045	26.46%	0.635%
218	10.300	10.291	10.313	VV	74299	934521	11.60%	0.278%
219	10.320	10.313	10.346	VV	70332	1195435	14.84%	0.356%
220	10.371	10.346	10.389	VV	65011	1464661	18.18%	0.436%
221	10.407	10.389	10.452	VV	62441	2118977	26.30%	0.631%
222	10.471	10.452	10.497	VV	63256	1518766	18.85%	0.452%
223	10.542	10.497	10.558	VV	104685	2647082	32.86%	0.789%
224	10.586	10.558	10.614	VV	193271	4033318	50.06%	1.202%
225	10.634	10.614	10.653	VV	92405	1734191	21.52%	0.517%
226	10.675	10.653	10.699	VV	111657	2248284	27.91%	0.670%
227	10.729	10.699	10.756	VV	105326	2438866	30.27%	0.727%
228	10.774	10.756	10.798	VV	51639	1278755	15.87%	0.381%
229	10.839	10.798	10.850	VV	63116	1696047	21.05%	0.505%
230	10.866	10.850	10.898	VV	67848	1787498	22.19%	0.533%
231	10.940	10.898	10.974	VV	531678	8056651	100.00%	2.400%
232	11.011	10.974	11.037	VV	215797	4579071	56.84%	1.364%
233	11.052	11.037	11.091	VV	73352	1967162	24.42%	0.586%
234	11.114	11.091	11.135	VV	57828	1467520	18.22%	0.437%
235	11.150	11.135	11.169	VV	61852	1103409	13.70%	0.329%
236	11.193	11.169	11.233	VV	59807	2048220	25.42%	0.610%
237	11.261	11.233	11.297	VV	97268	2956987	36.70%	0.881%
238	11.329	11.297	11.345	VV	88988	2239560	27.80%	0.667%
239	11.352	11.345	11.371	VV	75250	1050188	13.04%	0.313%
240	11.392	11.371	11.425	VV	94113	2162357	26.84%	0.644%
241	11.444	11.425	11.481	VV	81379	1952680	24.24%	0.582%
242	11.502	11.481	11.522	VV	50739	1208554	15.00%	0.360%
243	11.546	11.522	11.570	VV	55131	1476095	18.32%	0.440%
244	11.587	11.570	11.611	VV	56533	1305764	16.21%	0.389%
245	11.644	11.611	11.678	VV	479090	7119193	88.36%	2.121%
246	11.688	11.678	11.702	VV	60266	813499	10.10%	0.242%

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247	11.734	11.702	11.781	VV	138256	3641335	45.20%	1.085%
248	11.797	11.781	11.824	VV	55222	1280976	15.90%	0.382%
249	11.841	11.824	11.862	VV	49093	1025177	12.72%	0.305%
250	11.888	11.862	11.908	VV	50346	1278952	15.87%	0.381%
251	11.938	11.908	11.981	VV	79803	2793430	34.67%	0.832%
252	11.998	11.981	12.015	VV	60479	1057298	13.12%	0.315%
253	12.038	12.015	12.059	VV	75223	1618277	20.09%	0.482%
254	12.076	12.059	12.104	VV	70758	1486142	18.45%	0.443%
255	12.127	12.104	12.152	VV	66683	1469417	18.24%	0.438%
256	12.162	12.152	12.176	VV	42976	608633	7.55%	0.181%
257	12.198	12.176	12.224	VV	48816	1275480	15.83%	0.380%
258	12.246	12.224	12.252	VV	45355	714230	8.87%	0.213%
259	12.254	12.252	12.265	VV	44728	354364	4.40%	0.106%
260	12.315	12.265	12.342	VV	392346	6417429	79.65%	1.912%
261	12.355	12.342	12.368	VV	49734	737783	9.16%	0.220%
262	12.385	12.368	12.412	VV	49781	1204956	14.96%	0.359%
263	12.419	12.412	12.428	VV	43335	424392	5.27%	0.126%
264	12.444	12.428	12.459	VV	45417	800399	9.93%	0.238%
265	12.464	12.459	12.486	VV	41328	623834	7.74%	0.186%
266	12.512	12.486	12.529	VV	40207	963691	11.96%	0.287%
267	12.543	12.529	12.561	VV	38201	691205	8.58%	0.206%
268	12.587	12.561	12.612	VV	61760	1572775	19.52%	0.469%
269	12.619	12.612	12.637	VV	51706	684390	8.49%	0.204%
270	12.652	12.637	12.671	VV	46473	850068	10.55%	0.253%
271	12.694	12.671	12.709	VV	49795	1003684	12.46%	0.299%
272	12.725	12.709	12.758	VV	59858	1330837	16.52%	0.396%
273	12.778	12.758	12.801	VV	49350	1031209	12.80%	0.307%
274	12.822	12.801	12.856	VV	36404	1149006	14.26%	0.342%
275	12.878	12.856	12.896	VV	42272	915038	11.36%	0.273%
276	12.902	12.896	12.920	VV	37876	523162	6.49%	0.156%
277	12.956	12.920	13.000	VV	313486	4906296	60.90%	1.462%
278	13.020	13.000	13.053	VV	40042	1131824	14.05%	0.337%
279	13.072	13.053	13.087	VV	33983	658623	8.17%	0.196%
280	13.101	13.087	13.120	VV	34468	615526	7.64%	0.183%
281	13.131	13.120	13.158	VV	28485	635448	7.89%	0.189%
282	13.177	13.158	13.185	VV	28276	434497	5.39%	0.129%
283	13.209	13.185	13.238	VV	43649	1182029	14.67%	0.352%
284	13.244	13.238	13.263	VV	37097	507955	6.30%	0.151%
285	13.278	13.263	13.298	VV	34017	628414	7.80%	0.187%
286	13.318	13.298	13.334	VV	37144	681155	8.45%	0.203%
287	13.350	13.334	13.386	VV	40848	1035538	12.85%	0.309%
288	13.402	13.386	13.425	VV	35009	693261	8.60%	0.207%
289	13.451	13.425	13.479	VV	34331	953589	11.84%	0.284%
290	13.502	13.479	13.527	VV	27203	729600	9.06%	0.217%
291	13.570	13.527	13.598	VV	222012	3373349	41.87%	1.005%
292	13.626	13.598	13.655	VV	28389	902988	11.21%	0.269%
293	13.670	13.655	13.695	VV	24136	555403	6.89%	0.165%
294	13.702	13.695	13.719	VV	21084	293317	3.64%	0.087%
295	13.735	13.719	13.762	VV	21033	481982	5.98%	0.144%
296	13.805	13.762	13.828	VV	34119	1019660	12.66%	0.304%
297	13.844	13.828	13.863	VV	26247	518280	6.43%	0.154%
298	13.876	13.863	13.896	VV	22311	397417	4.93%	0.118%
299	13.917	13.896	13.932	VV	23561	441822	5.48%	0.132%

rteres								
300	13.949	13.932	13.976	VV	24975	555474	6.89%	0.165%
301	13.996	13.976	14.022	VV	26236	600972	7.46%	0.179%
302	14.028	14.022	14.044	VV	16822	214463	2.66%	0.064%
303	14.069	14.044	14.111	VV	19167	675638	8.39%	0.201%
304	14.157	14.111	14.194	VV	138052	2263901	28.10%	0.674%
305	14.216	14.194	14.227	VV	17893	326283	4.05%	0.097%
306	14.243	14.227	14.268	VV	17084	377301	4.68%	0.112%
307	14.272	14.268	14.293	VV	13408	191887	2.38%	0.057%
308	14.308	14.293	14.328	VV	12745	252594	3.14%	0.075%
309	14.380	14.328	14.412	VV	20880	791627	9.83%	0.236%
310	14.423	14.412	14.439	VV	15235	222548	2.76%	0.066%
311	14.452	14.439	14.469	VV	13797	225823	2.80%	0.067%
312	14.488	14.469	14.504	VV	13535	258686	3.21%	0.077%
313	14.519	14.504	14.537	VV	13957	251742	3.12%	0.075%
314	14.545	14.537	14.556	VV	12492	138872	1.72%	0.041%
315	14.573	14.556	14.609	VV	14888	370959	4.60%	0.111%
316	14.633	14.609	14.669	VV	10063	331900	4.12%	0.099%
317	14.673	14.669	14.683	VV	8387	68415	0.85%	0.020%
318	14.722	14.683	14.763	VV	79734	1291117	16.03%	0.385%
319	14.786	14.763	14.831	VV	10122	350044	4.34%	0.104%
320	14.848	14.831	14.900	VV	8642	298775	3.71%	0.089%
321	14.926	14.900	14.962	VV	10578	314347	3.90%	0.094%
322	14.975	14.962	14.992	VV	8219	133616	1.66%	0.040%
323	15.006	14.992	15.025	VV	7457	135542	1.68%	0.040%
324	15.069	15.025	15.077	VV	8010	218387	2.71%	0.065%
325	15.100	15.077	15.137	VV	33087	565533	7.02%	0.168%
326	15.141	15.137	15.145	VV	5248	26365	0.33%	0.008%
327	15.152	15.145	15.211	VV	5542	184598	2.29%	0.055%
328	15.263	15.211	15.294	VV	39159	635938	7.89%	0.189%
329	15.323	15.294	15.368	VV	4821	185938	2.31%	0.055%
330	15.370	15.368	15.388	VV	3432	38103	0.47%	0.011%
331	15.404	15.388	15.426	VV	3179	64153	0.80%	0.019%
332	15.457	15.426	15.487	VV	5108	138907	1.72%	0.041%
333	15.515	15.487	15.527	VV	3760	82263	1.02%	0.025%
334	15.533	15.527	15.560	VV	3067	53960	0.67%	0.016%
335	15.574	15.560	15.584	VV	2714	36500	0.45%	0.011%
336	15.601	15.584	15.631	VV	3358	75779	0.94%	0.023%
337	15.649	15.631	15.672	VV	3490	67257	0.83%	0.020%
338	15.692	15.672	15.747	VV	2784	90832	1.13%	0.027%
339	15.785	15.747	15.908	VV	17195	386074	4.79%	0.115%
340	15.922	15.908	15.944	VV	1040	16770	0.21%	0.005%
341	15.968	15.944	16.002	VV	2138	54240	0.67%	0.016%
342	16.007	16.002	16.016	VV	1411	10623	0.13%	0.003%
343	16.018	16.016	16.035	VV	1407	13877	0.17%	0.004%
344	16.040	16.035	16.046	VV	1076	7275	0.09%	0.002%
345	16.049	16.046	16.067	VV	1115	9809	0.12%	0.003%
346	16.107	16.067	16.127	VV	1545	41435	0.51%	0.012%
347	16.135	16.127	16.144	VV	1001	9487	0.12%	0.003%
348	16.170	16.144	16.175	VV	1033	18074	0.22%	0.005%
349	16.196	16.175	16.237	VV	2085	40796	0.51%	0.012%
350	16.243	16.237	16.258	VV	425	4855	0.06%	0.001%
351	16.288	16.258	16.317	VV	6775	104031	1.29%	0.031%

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352	16.331	16.317	16.370	VV	957	18293	0.23%	0.005%
353	16.378	16.370	16.404	VV	276	3941	0.05%	0.001%
354	16.423	16.404	16.437	VV	152	1830	0.02%	0.001%
355	16.461	16.437	16.506	PV	1057	27071	0.34%	0.008%
356	16.518	16.506	16.542	VV	711	11066	0.14%	0.003%
357	16.547	16.542	16.562	VV	333	2897	0.04%	0.001%
358	16.598	16.562	16.622	VV	984	25253	0.31%	0.008%
359	16.636	16.622	16.641	VV	548	5606	0.07%	0.002%
360	16.652	16.641	16.704	VV	670	13412	0.17%	0.004%
361	16.729	16.704	16.738	PV	351	4520	0.06%	0.001%
362	16.773	16.738	16.799	VV	3179	47913	0.59%	0.014%
363	16.815	16.799	16.821	VV	527	5530	0.07%	0.002%
364	16.832	16.821	16.838	VV	471	4558	0.06%	0.001%
365	16.858	16.838	16.886	VV	940	14488	0.18%	0.004%
366	16.891	16.886	16.911	VV	235	1775	0.02%	0.001%
367	16.939	16.911	16.969	VV	885	19757	0.25%	0.006%
368	16.987	16.969	17.002	VV	487	7958	0.10%	0.002%
369	17.009	17.002	17.036	VV	459	6561	0.08%	0.002%
370	17.074	17.036	17.102	VV	481	12876	0.16%	0.004%
371	17.138	17.102	17.159	VV	1024	21750	0.27%	0.006%
372	17.164	17.159	17.190	VV	357	3173	0.04%	0.001%
373	17.241	17.190	17.276	PV	1793	38398	0.48%	0.011%
374	17.281	17.276	17.323	VV	635	9671	0.12%	0.003%
375	17.334	17.323	17.344	PV	166	795	0.01%	0.000%
376	17.362	17.344	17.368	VV	303	2538	0.03%	0.001%
377	17.399	17.368	17.406	VV	746	11384	0.14%	0.003%
378	17.410	17.406	17.445	VV	759	10593	0.13%	0.003%
379	17.449	17.445	17.452	VV	311	1340	0.02%	0.000%
380	17.484	17.452	17.504	VV	635	11699	0.15%	0.003%
381	17.518	17.504	17.522	VV	290	2460	0.03%	0.001%
382	17.566	17.522	17.602	VV	599	16610	0.21%	0.005%
383	17.625	17.602	17.629	VV	352	3782	0.05%	0.001%
384	17.634	17.629	17.647	VV	277	2334	0.03%	0.001%
385	17.666	17.647	17.671	VV	416	3901	0.05%	0.001%
386	17.700	17.671	17.708	VV	1318	20428	0.25%	0.006%
387	17.717	17.708	17.773	VV	1336	22946	0.28%	0.007%
388	17.821	17.773	17.825	PV	597	9497	0.12%	0.003%
389	17.847	17.825	17.876	VV	729	14964	0.19%	0.004%
390	17.879	17.876	17.894	VV	281	1736	0.02%	0.001%
391	17.914	17.894	17.919	VV	158	1770	0.02%	0.001%
392	17.933	17.919	17.943	VV	74	712	0.01%	0.000%
393	17.949	17.943	17.955	PV	202	863	0.01%	0.000%
394	17.968	17.955	17.983	VV	303	2982	0.04%	0.001%
395	18.026	17.983	18.032	VV	472	6204	0.08%	0.002%
396	18.034	18.032	18.071	VV	430	6018	0.07%	0.002%
397	18.135	18.071	18.166	VV	1477	27169	0.34%	0.008%
398	18.189	18.166	18.199	VV	186	1767	0.02%	0.001%
399	18.208	18.199	18.217	PV	67	478	0.01%	0.000%
400	18.222	18.217	18.231	VV	115	537	0.01%	0.000%
401	18.278	18.231	18.339	PV	1784	46818	0.58%	0.014%
402	18.345	18.339	18.364	VV	313	2438	0.03%	0.001%
403	18.380	18.364	18.387	VV	283	2219	0.03%	0.001%
404	18.419	18.387	18.440	VV	599	11502	0.14%	0.003%

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405	18.444	18.440	18.448	VV	406	1597	0.02%	0.000%
406	18.485	18.448	18.491	VV	781	11474	0.14%	0.003%
407	18.494	18.491	18.514	VV	746	9129	0.11%	0.003%
408	18.523	18.514	18.527	VV	541	3984	0.05%	0.001%
409	18.560	18.527	18.589	VV	1572	32100	0.40%	0.010%
410	18.596	18.589	18.602	VV	478	3407	0.04%	0.001%
411	18.609	18.602	18.621	VV	467	4591	0.06%	0.001%
412	18.648	18.621	18.667	VV	1708	27870	0.35%	0.008%
413	18.690	18.667	18.743	VV	1609	44537	0.55%	0.013%
414	18.767	18.743	18.777	VV	886	14019	0.17%	0.004%
415	18.782	18.777	18.787	VV	873	4816	0.06%	0.001%
416	18.791	18.787	18.797	VV	904	4659	0.06%	0.001%
417	18.831	18.797	18.835	VV	1239	24226	0.30%	0.007%
418	18.847	18.835	18.868	VV	1398	23847	0.30%	0.007%
419	18.873	18.868	18.883	VV	1117	8926	0.11%	0.003%
420	18.887	18.883	18.892	VV	958	5114	0.06%	0.002%
421	18.973	18.892	18.996	VV	2633	92754	1.15%	0.028%
422	18.999	18.996	19.020	VV	1589	18776	0.23%	0.006%
423	19.032	19.020	19.046	VV	1336	18867	0.23%	0.006%
424	19.076	19.046	19.080	VV	2549	39302	0.49%	0.012%
425	19.098	19.080	19.108	VV	2941	43159	0.54%	0.013%
426	19.117	19.108	19.149	VV	2730	58139	0.72%	0.017%
427	19.168	19.149	19.176	VV	2121	33272	0.41%	0.010%
428	19.180	19.176	19.189	VV	2021	15316	0.19%	0.005%
429	19.257	19.189	19.265	VV	2497	103651	1.29%	0.031%
430	19.271	19.265	19.284	VV	2444	25005	0.31%	0.007%
431	19.291	19.284	19.297	VV	2282	17852	0.22%	0.005%
432	19.371	19.297	19.392	VV	4041	164479	2.04%	0.049%
433	19.405	19.392	19.426	VV	3760	68334	0.85%	0.020%
434	19.431	19.426	19.443	VV	2903	28973	0.36%	0.009%
435	19.489	19.443	19.530	VV	4382	183413	2.28%	0.055%
436	19.574	19.530	19.594	VV	4145	143362	1.78%	0.043%
437	19.618	19.594	19.647	VV	3895	114800	1.42%	0.034%
438	19.668	19.647	19.674	VV	3837	59621	0.74%	0.018%
439	19.679	19.674	19.684	VV	3841	22195	0.28%	0.007%
440	19.696	19.684	19.703	VV	3907	43981	0.55%	0.013%
441	19.722	19.703	19.728	VV	4497	60553	0.75%	0.018%
442	19.782	19.728	19.824	VV	5988	292466	3.63%	0.087%
443	19.831	19.824	19.836	VV	4220	28793	0.36%	0.009%
444	19.841	19.836	19.846	VV	4204	24899	0.31%	0.007%
445	19.874	19.846	19.911	VV	5848	191663	2.38%	0.057%
446	19.918	19.911	19.926	VV	4660	41233	0.51%	0.012%
447	19.941	19.926	19.946	VV	4927	56987	0.71%	0.017%
448	20.014	19.946	20.021	VV	5271	225956	2.80%	0.067%
449	20.038	20.021	20.043	VV	5264	70453	0.87%	0.021%
450	20.068	20.043	20.077	VV	5436	104886	1.30%	0.031%
451	20.087	20.077	20.094	VV	5496	54762	0.68%	0.016%
452	20.100	20.094	20.102	VV	5565	27086	0.34%	0.008%
453	20.141	20.102	20.153	VV	6769	186239	2.31%	0.055%
454	20.185	20.153	20.219	VV	7553	271584	3.37%	0.081%
455	20.239	20.219	20.271	VV	7258	206220	2.56%	0.061%
456	20.287	20.271	20.294	VV	6885	93860	1.17%	0.028%

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457	20.301	20.294	20.307	VV	7052	55496	0.69%	0.017%
458	20.313	20.307	20.327	VV	7049	82574	1.02%	0.025%
459	20.332	20.327	20.336	VV	6863	34106	0.42%	0.010%
460	20.344	20.336	20.361	VV	7050	102438	1.27%	0.031%
461	20.410	20.361	20.431	VV	7733	307804	3.82%	0.092%
462	20.453	20.431	20.457	VV	7724	119621	1.48%	0.036%
463	20.501	20.457	20.506	VV	8409	236223	2.93%	0.070%
464	20.510	20.506	20.527	VV	8402	103537	1.29%	0.031%
465	20.575	20.527	20.583	VV	8843	278032	3.45%	0.083%
466	20.605	20.583	20.624	VV	9431	217453	2.70%	0.065%
467	20.755	20.624	20.801	VV	11065	1048036	13.01%	0.312%
468	20.810	20.801	20.827	VV	9365	142479	1.77%	0.042%
469	20.845	20.827	20.854	VV	9215	147079	1.83%	0.044%
470	20.865	20.854	20.882	VV	9271	154044	1.91%	0.046%
471	20.886	20.882	20.899	VV	9063	89566	1.11%	0.027%
472	20.904	20.899	20.932	VV	8862	168060	2.09%	0.050%
473	20.948	20.932	20.952	VV	8680	102569	1.27%	0.031%
474	20.972	20.952	20.997	VV	9206	240150	2.98%	0.072%
475	21.003	20.997	21.031	VV	8746	178566	2.22%	0.053%
476	21.049	21.031	21.064	VV	8828	170375	2.11%	0.051%
477	21.081	21.064	21.097	VV	8585	166323	2.06%	0.050%
478	21.116	21.097	21.133	VV	8453	180730	2.24%	0.054%
479	21.145	21.133	21.158	VV	8074	120162	1.49%	0.036%
480	21.164	21.158	21.174	VV	7905	74386	0.92%	0.022%
481	21.181	21.174	21.189	VV	7781	69328	0.86%	0.021%
482	21.196	21.189	21.207	VV	7793	82115	1.02%	0.024%
483	21.259	21.207	21.309	VV	7768	455094	5.65%	0.136%
484	21.338	21.309	21.349	VV	6708	157488	1.95%	0.047%
485	21.354	21.349	21.367	VV	6650	68596	0.85%	0.020%
486	21.389	21.367	21.402	VV	6445	134979	1.68%	0.040%
487	21.408	21.402	21.445	VV	6296	154576	1.92%	0.046%
488	21.467	21.445	21.473	VV	6016	99235	1.23%	0.030%
489	21.479	21.473	21.506	VV	6097	116193	1.44%	0.035%
490	21.511	21.506	21.523	VV	5522	53664	0.67%	0.016%
491	21.529	21.523	21.540	VV	5495	56172	0.70%	0.017%
492	21.548	21.540	21.569	VV	5520	92512	1.15%	0.028%
493	21.574	21.569	21.579	VV	5167	31134	0.39%	0.009%
494	21.583	21.579	21.606	VV	5123	81821	1.02%	0.024%
495	21.622	21.606	21.642	VV	5065	105704	1.31%	0.031%
496	21.650	21.642	21.683	VV	4930	116439	1.45%	0.035%
497	21.690	21.683	21.708	VV	4544	65155	0.81%	0.019%
498	21.714	21.708	21.764	VV	4320	138069	1.71%	0.041%
499	21.772	21.764	21.791	VV	3943	63193	0.78%	0.019%
500	21.798	21.791	21.807	VV	3838	35797	0.44%	0.011%
501	21.836	21.807	21.857	VV	3854	110794	1.38%	0.033%
502	21.861	21.857	21.876	VV	3482	36950	0.46%	0.011%
503	21.879	21.876	21.915	VV	3235	69398	0.86%	0.021%
504	21.927	21.915	21.949	VV	2806	54729	0.68%	0.016%
505	21.953	21.949	21.973	VV	2575	33465	0.42%	0.010%
506	21.977	21.973	21.988	VV	2165	18517	0.23%	0.006%
507	21.998	21.988	22.012	VV	2133	29224	0.36%	0.009%
508	22.020	22.012	22.049	VV	2253	42103	0.52%	0.013%
509	22.053	22.049	22.060	VV	1725	11069	0.14%	0.003%

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510	22.078	22.060	22.116	VV	1616	46734	0.58%	0.014%
511	22.123	22.116	22.129	VV	1193	9012	0.11%	0.003%
512	22.142	22.129	22.165	VV	1250	25321	0.31%	0.008%
513	22.198	22.165	22.204	VV	1605	31829	0.40%	0.009%
514	22.209	22.204	22.262	VV	1471	32377	0.40%	0.010%
515	22.268	22.262	22.301	VBA	560	18363	0.23%	0.005%

Sum of corrected areas: 335651912

FF102925.M Wed Nov 12 01:05:24 2025

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water			11/04/25			11/07/25
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	

Hit Summary Sheet
SW-846

SDG No.: Q3574 **Order ID:** Q3574
Client: Pacific Commercial Services Inc. **Project ID:** Kilo Pier

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : 304641-01 Liquid									
Q3574-01	304641-01 Liquid	Water	Aluminum	670		11.3	80.0	100	ug/L
Q3574-01	304641-01 Liquid	Water	Barium	155		14.6	25.0	100	ug/L
Q3574-01	304641-01 Liquid	Water	Calcium	25900		234	500	2000	ug/L
Q3574-01	304641-01 Liquid	Water	Chromium	8.88	J	2.12	5.00	10.0	ug/L
Q3574-01	304641-01 Liquid	Water	Cobalt	2.68	J	2.26	7.50	30.0	ug/L
Q3574-01	304641-01 Liquid	Water	Copper	97.2		4.60	16.0	20.0	ug/L
Q3574-01	304641-01 Liquid	Water	Iron	51800		23.4	80.0	100	ug/L
Q3574-01	304641-01 Liquid	Water	Lead	17.8		2.30	9.60	12.0	ug/L
Q3574-01	304641-01 Liquid	Water	Magnesium	17600		244	500	2000	ug/L
Q3574-01	304641-01 Liquid	Water	Manganese	777		5.94	15.0	20.0	ug/L
Q3574-01	304641-01 Liquid	Water	Mercury	0.15	J	0.076	0.16	0.20	ug/L
Q3574-01	304641-01 Liquid	Water	Nickel	40.8		3.06	10.0	40.0	ug/L
Q3574-01	304641-01 Liquid	Water	Potassium	3150		918	1600	2000	ug/L
Q3574-01	304641-01 Liquid	Water	Silver	7.65	J	1.62	5.00	10.0	ug/L
Q3574-01	304641-01 Liquid	Water	Sodium	64400		868	1000	2000	ug/L
Q3574-01	304641-01 Liquid	Water	Vanadium	30.1	J	6.26	20.0	40.0	ug/L
Q3574-01	304641-01 Liquid	Water	Zinc	208		16.7	15.0	40.0	ug/L



SAMPLE DATA

A

B

C

D

E

F

G

H

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: 304641-01 Liquid
Lab Sample ID: Q3574-01
Level (low/med): low

Date Collected: 11/04/25
Date Received: 11/07/25
SDG No.: Q3574
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	670		1	11.3	80.0	100	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-36-0	Antimony	12.5	UN	1	6.76	12.5	50.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-38-2	Arsenic	15.0	UN	1	5.12	15.0	20.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-39-3	Barium	155		1	14.6	25.0	100	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-41-7	Beryllium	1.50	U	1	0.56	1.50	6.00	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-43-9	Cadmium	1.50	U	1	0.50	1.50	6.00	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-70-2	Calcium	25900		1	234	500	2000	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-47-3	Chromium	8.88	J	1	2.12	5.00	10.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-48-4	Cobalt	2.68	J	1	2.26	7.50	30.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-50-8	Copper	97.2		1	4.60	16.0	20.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7439-89-6	Iron	51800	N	1	23.4	80.0	100	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7439-92-1	Lead	17.8		1	2.30	9.60	12.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7439-95-4	Magnesium	17600		1	244	500	2000	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7439-96-5	Manganese	777		1	5.94	15.0	20.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7439-97-6	Mercury	0.15	JN	1	0.076	0.16	0.20	ug/L	11/10/25 07:40	11/10/25 14:57	7470A	M7470A
7440-02-0	Nickel	40.8		1	3.06	10.0	40.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-09-7	Potassium	3150		1	918	1600	2000	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7782-49-2	Selenium	16.0	U	1	9.64	16.0	20.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-22-4	Silver	7.65	JN	1	1.62	5.00	10.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-23-5	Sodium	64400		1	868	1000	2000	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-28-0	Thallium	20.0	UN	1	4.38	20.0	40.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-62-2	Vanadium	30.1	J	1	6.26	20.0	40.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A
7440-66-6	Zinc	208	N	1	16.7	15.0	40.0	ug/L	11/10/25 10:40	11/10/25 22:24	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV108	Mercury	3.86	4.0	96	90 - 110	CV	11/10/2025	14:29	LB137835

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV53	Mercury	4.97	5.0	99	90 - 110	CV	11/10/2025	14:34	LB137835
CCV54	Mercury	4.77	5.0	95	90 - 110	CV	11/10/2025	15:01	LB137835
CCV55	Mercury	5.05	5.0	101	90 - 110	CV	11/11/2025	08:36	LB137835

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	8040	8000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Calcium	19900	20000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Magnesium	20100	20000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	104	100	104	80 - 120	P	11/10/2025	11:57	LB137841
	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Calcium	2020	2000	101	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Magnesium	2090	2000	104	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Magnesium	25000	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Aluminum	9970	10000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Calcium	25000	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Magnesium	25100	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5010	5000	100	90 - 110	P	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Calcium	24400	25000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Magnesium	24400	25000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Aluminum	9930	10000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Calcium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Magnesium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Calcium	25800	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Magnesium	25900	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
CCV08	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841
	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Calcium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Magnesium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Calcium	25200	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Magnesium	25100	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841
	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Aluminum	9960	10000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Calcium	24500	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Magnesium	24600	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7920	8000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Antimony	4010	4000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Arsenic	3890	4000	97	90 - 110	P	11/17/2025	13:23	LB137929
	Barium	7960	8000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Beryllium	200	200	100	90 - 110	P	11/17/2025	13:23	LB137929
	Cadmium	1940	2000	97	90 - 110	P	11/17/2025	13:23	LB137929
	Calcium	19700	20000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Chromium	814	800	102	90 - 110	P	11/17/2025	13:23	LB137929
	Cobalt	1990	2000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Copper	1020	1000	102	90 - 110	P	11/17/2025	13:23	LB137929
	Iron	4000	4000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Lead	3830	4000	96	90 - 110	P	11/17/2025	13:23	LB137929
	Magnesium	19800	20000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Manganese	2010	2000	101	90 - 110	P	11/17/2025	13:23	LB137929
	Nickel	1990	2000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Potassium	19500	20000	98	90 - 110	P	11/17/2025	13:23	LB137929
	Selenium	3930	4000	98	90 - 110	P	11/17/2025	13:23	LB137929
	Silver	957	1000	96	90 - 110	P	11/17/2025	13:23	LB137929
	Sodium	19800	20000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Thallium	3800	4000	95	90 - 110	P	11/17/2025	13:23	LB137929
	Vanadium	1990	2000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Zinc	2000	2000	100	90 - 110	P	11/17/2025	13:23	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Antimony	5040	5000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Arsenic	5010	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Barium	10100	10000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Beryllium	251	250	100	90 - 110	P	11/17/2025	13:57	LB137929
	Cadmium	2510	2500	100	90 - 110	P	11/17/2025	13:57	LB137929
	Calcium	25200	25000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	13:57	LB137929
	Cobalt	2510	2500	100	90 - 110	P	11/17/2025	13:57	LB137929
	Copper	1270	1250	102	90 - 110	P	11/17/2025	13:57	LB137929
	Iron	5100	5000	102	90 - 110	P	11/17/2025	13:57	LB137929
	Lead	5020	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Magnesium	25100	25000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Manganese	2560	2500	102	90 - 110	P	11/17/2025	13:57	LB137929
	Nickel	2510	2500	100	90 - 110	P	11/17/2025	13:57	LB137929
	Potassium	24800	25000	99	90 - 110	P	11/17/2025	13:57	LB137929
	Selenium	5010	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Silver	1260	1250	101	90 - 110	P	11/17/2025	13:57	LB137929
	Sodium	25000	25000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Thallium	4900	5000	98	90 - 110	P	11/17/2025	13:57	LB137929
CCV02	Vanadium	2510	2500	101	90 - 110	P	11/17/2025	13:57	LB137929
	Zinc	2540	2500	102	90 - 110	P	11/17/2025	13:57	LB137929
	Aluminum	10200	10000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Antimony	5140	5000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Arsenic	5120	5000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Barium	10100	10000	101	90 - 110	P	11/17/2025	14:47	LB137929
	Beryllium	253	250	101	90 - 110	P	11/17/2025	14:47	LB137929
	Cadmium	2540	2500	102	90 - 110	P	11/17/2025	14:47	LB137929
	Calcium	25200	25000	101	90 - 110	P	11/17/2025	14:47	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Cobalt	2540	2500	101	90 - 110	P	11/17/2025	14:47	LB137929
	Copper	1290	1250	103	90 - 110	P	11/17/2025	14:47	LB137929
	Iron	5180	5000	104	90 - 110	P	11/17/2025	14:47	LB137929
	Lead	5080	5000	102	90 - 110	P	11/17/2025	14:47	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25100	25000	100	90 - 110	P	11/17/2025	14:47	LB137929
	Manganese	2560	2500	102	90 - 110	P	11/17/2025	14:47	LB137929
	Nickel	2540	2500	102	90 - 110	P	11/17/2025	14:47	LB137929
	Potassium	25400	25000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Selenium	5170	5000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Silver	1280	1250	102	90 - 110	P	11/17/2025	14:47	LB137929
	Sodium	25600	25000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Thallium	4970	5000	99	90 - 110	P	11/17/2025	14:47	LB137929
	Vanadium	2520	2500	101	90 - 110	P	11/17/2025	14:47	LB137929
	Zinc	2580	2500	103	90 - 110	P	11/17/2025	14:47	LB137929
CCV03	Aluminum	9640	10000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Antimony	4840	5000	97	90 - 110	P	11/17/2025	15:44	LB137929
	Arsenic	4790	5000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Barium	9720	10000	97	90 - 110	P	11/17/2025	15:44	LB137929
	Beryllium	242	250	97	90 - 110	P	11/17/2025	15:44	LB137929
	Cadmium	2370	2500	95	90 - 110	P	11/17/2025	15:44	LB137929
	Calcium	24000	25000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Chromium	948	1000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Cobalt	2390	2500	96	90 - 110	P	11/17/2025	15:44	LB137929
	Copper	1210	1250	97	90 - 110	P	11/17/2025	15:44	LB137929
	Iron	4740	5000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Lead	4750	5000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Magnesium	23800	25000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Manganese	2400	2500	96	90 - 110	P	11/17/2025	15:44	LB137929
	Nickel	2380	2500	95	90 - 110	P	11/17/2025	15:44	LB137929
	Potassium	23200	25000	93	90 - 110	P	11/17/2025	15:44	LB137929
	Selenium	4800	5000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Silver	1190	1250	95	90 - 110	P	11/17/2025	15:44	LB137929
	Sodium	23200	25000	93	90 - 110	P	11/17/2025	15:44	LB137929
	Thallium	4520	5000	90	90 - 110	P	11/17/2025	15:44	LB137929
	Vanadium	2400	2500	96	90 - 110	P	11/17/2025	15:44	LB137929
	Zinc	2390	2500	95	90 - 110	P	11/17/2025	15:44	LB137929
CCV04	Aluminum	10200	10000	102	90 - 110	P	11/17/2025	16:34	LB137929
	Antimony	5160	5000	103	90 - 110	P	11/17/2025	16:34	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5130	5000	103	90 - 110	P	11/17/2025	16:34	LB137929
	Barium	10000	10000	100	90 - 110	P	11/17/2025	16:34	LB137929
	Beryllium	254	250	102	90 - 110	P	11/17/2025	16:34	LB137929
	Cadmium	2510	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Calcium	25200	25000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Chromium	1020	1000	102	90 - 110	P	11/17/2025	16:34	LB137929
	Cobalt	2530	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Copper	1290	1250	103	90 - 110	P	11/17/2025	16:34	LB137929
	Iron	5130	5000	103	90 - 110	P	11/17/2025	16:34	LB137929
	Lead	5030	5000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Magnesium	25200	25000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Manganese	2560	2500	102	90 - 110	P	11/17/2025	16:34	LB137929
	Nickel	2520	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Potassium	25200	25000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Selenium	5160	5000	103	90 - 110	P	11/17/2025	16:34	LB137929
	Silver	1280	1250	103	90 - 110	P	11/17/2025	16:34	LB137929
	Sodium	25600	25000	102	90 - 110	P	11/17/2025	16:34	LB137929
	Thallium	5180	5000	104	90 - 110	P	11/17/2025	16:34	LB137929
	Vanadium	2530	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Zinc	2610	2500	104	90 - 110	P	11/17/2025	16:34	LB137929
CCV05	Aluminum	10200	10000	102	90 - 110	P	11/17/2025	17:24	LB137929
	Antimony	5150	5000	103	90 - 110	P	11/17/2025	17:24	LB137929
	Arsenic	5130	5000	102	90 - 110	P	11/17/2025	17:24	LB137929
	Barium	9840	10000	98	90 - 110	P	11/17/2025	17:24	LB137929
	Beryllium	250	250	100	90 - 110	P	11/17/2025	17:24	LB137929
	Cadmium	2530	2500	101	90 - 110	P	11/17/2025	17:24	LB137929
	Calcium	25000	25000	100	90 - 110	P	11/17/2025	17:24	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	17:24	LB137929
	Cobalt	2540	2500	102	90 - 110	P	11/17/2025	17:24	LB137929
	Copper	1290	1250	103	90 - 110	P	11/17/2025	17:24	LB137929
	Iron	4960	5000	99	90 - 110	P	11/17/2025	17:24	LB137929
	Lead	5020	5000	100	90 - 110	P	11/17/2025	17:24	LB137929
	Magnesium	25000	25000	100	90 - 110	P	11/17/2025	17:24	LB137929
	Manganese	2580	2500	103	90 - 110	P	11/17/2025	17:24	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2530	2500	101	90 - 110	P	11/17/2025	17:24	LB137929
	Potassium	24300	25000	97	90 - 110	P	11/17/2025	17:24	LB137929
	Selenium	5110	5000	102	90 - 110	P	11/17/2025	17:24	LB137929
	Silver	1260	1250	101	90 - 110	P	11/17/2025	17:24	LB137929
	Sodium	24600	25000	99	90 - 110	P	11/17/2025	17:24	LB137929
	Thallium	5340	5000	107	90 - 110	P	11/17/2025	17:24	LB137929
	Vanadium	2520	2500	101	90 - 110	P	11/17/2025	17:24	LB137929
	Zinc	2580	2500	103	90 - 110	P	11/17/2025	17:24	LB137929
CCV06	Aluminum	9870	10000	99	90 - 110	P	11/17/2025	18:15	LB137929
	Antimony	5040	5000	101	90 - 110	P	11/17/2025	18:15	LB137929
	Arsenic	5010	5000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Barium	9690	10000	97	90 - 110	P	11/17/2025	18:15	LB137929
	Beryllium	244	250	98	90 - 110	P	11/17/2025	18:15	LB137929
	Cadmium	2450	2500	98	90 - 110	P	11/17/2025	18:15	LB137929
	Calcium	24400	25000	98	90 - 110	P	11/17/2025	18:15	LB137929
	Chromium	1000	1000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Cobalt	2470	2500	99	90 - 110	P	11/17/2025	18:15	LB137929
	Copper	1260	1250	101	90 - 110	P	11/17/2025	18:15	LB137929
	Iron	4940	5000	99	90 - 110	P	11/17/2025	18:15	LB137929
	Lead	4890	5000	98	90 - 110	P	11/17/2025	18:15	LB137929
	Magnesium	24300	25000	97	90 - 110	P	11/17/2025	18:15	LB137929
	Manganese	2500	2500	100	90 - 110	P	11/17/2025	18:15	LB137929
	Nickel	2460	2500	98	90 - 110	P	11/17/2025	18:15	LB137929
	Potassium	24100	25000	97	90 - 110	P	11/17/2025	18:15	LB137929
	Selenium	5020	5000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	18:15	LB137929
	Sodium	24500	25000	98	90 - 110	P	11/17/2025	18:15	LB137929
	Thallium	4960	5000	99	90 - 110	P	11/17/2025	18:15	LB137929
	Vanadium	2450	2500	98	90 - 110	P	11/17/2025	18:15	LB137929
	Zinc	2570	2500	103	90 - 110	P	11/17/2025	18:15	LB137929
CCV07	Aluminum	9850	10000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Antimony	4980	5000	100	90 - 110	P	11/17/2025	19:07	LB137929
	Arsenic	4980	5000	100	90 - 110	P	11/17/2025	19:07	LB137929
	Barium	9940	10000	99	90 - 110	P	11/17/2025	19:07	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	246	250	99	90 - 110	P	11/17/2025	19:07	LB137929
	Cadmium	2410	2500	96	90 - 110	P	11/17/2025	19:07	LB137929
	Calcium	24400	25000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Chromium	987	1000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Cobalt	2430	2500	97	90 - 110	P	11/17/2025	19:07	LB137929
	Copper	1260	1250	100	90 - 110	P	11/17/2025	19:07	LB137929
	Iron	4960	5000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Lead	4790	5000	96	90 - 110	P	11/17/2025	19:07	LB137929
	Magnesium	24100	25000	97	90 - 110	P	11/17/2025	19:07	LB137929
	Manganese	2450	2500	98	90 - 110	P	11/17/2025	19:07	LB137929
	Nickel	2420	2500	97	90 - 110	P	11/17/2025	19:07	LB137929
	Potassium	24500	25000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Selenium	4970	5000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	19:07	LB137929
	Sodium	24600	25000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Thallium	4840	5000	97	90 - 110	P	11/17/2025	19:07	LB137929
	Vanadium	2440	2500	98	90 - 110	P	11/17/2025	19:07	LB137929
	Zinc	2580	2500	103	90 - 110	P	11/17/2025	19:07	LB137929
CCV08	Aluminum	10300	10000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Antimony	5180	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Arsenic	5170	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Barium	10200	10000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Beryllium	254	250	102	90 - 110	P	11/17/2025	19:24	LB137929
	Cadmium	2510	2500	100	90 - 110	P	11/17/2025	19:24	LB137929
	Calcium	25400	25000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	19:24	LB137929
	Cobalt	2530	2500	101	90 - 110	P	11/17/2025	19:24	LB137929
	Copper	1300	1250	104	90 - 110	P	11/17/2025	19:24	LB137929
	Iron	5130	5000	103	90 - 110	P	11/17/2025	19:24	LB137929
	Lead	4990	5000	100	90 - 110	P	11/17/2025	19:24	LB137929
	Magnesium	25300	25000	101	90 - 110	P	11/17/2025	19:24	LB137929
	Manganese	2570	2500	103	90 - 110	P	11/17/2025	19:24	LB137929
	Nickel	2520	2500	101	90 - 110	P	11/17/2025	19:24	LB137929
	Potassium	25300	25000	101	90 - 110	P	11/17/2025	19:24	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5180	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Silver	1290	1250	103	90 - 110	P	11/17/2025	19:24	LB137929
	Sodium	25600	25000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Thallium	5140	5000	103	90 - 110	P	11/17/2025	19:24	LB137929
	Vanadium	2550	2500	102	90 - 110	P	11/17/2025	19:24	LB137929
	Zinc	2660	2500	106	90 - 110	P	11/17/2025	19:24	LB137929
CCV09	Aluminum	9890	10000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Antimony	5200	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Arsenic	5220	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Barium	9950	10000	100	90 - 110	P	11/17/2025	19:47	LB137929
	Beryllium	243	250	97	90 - 110	P	11/17/2025	19:47	LB137929
	Cadmium	2430	2500	97	90 - 110	P	11/17/2025	19:47	LB137929
	Calcium	24700	25000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Chromium	990	1000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Cobalt	2450	2500	98	90 - 110	P	11/17/2025	19:47	LB137929
	Copper	1280	1250	103	90 - 110	P	11/17/2025	19:47	LB137929
	Iron	5060	5000	101	90 - 110	P	11/17/2025	19:47	LB137929
	Lead	4900	5000	98	90 - 110	P	11/17/2025	19:47	LB137929
	Magnesium	24200	25000	97	90 - 110	P	11/17/2025	19:47	LB137929
	Manganese	2650	2500	106	90 - 110	P	11/17/2025	19:47	LB137929
	Nickel	2440	2500	98	90 - 110	P	11/17/2025	19:47	LB137929
	Potassium	24800	25000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Selenium	5220	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	19:47	LB137929
	Sodium	24800	25000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Thallium	5020	5000	100	90 - 110	P	11/17/2025	19:47	LB137929
	Vanadium	2470	2500	99	90 - 110	P	11/17/2025	19:47	LB137929
	Zinc	2620	2500	105	90 - 110	P	11/17/2025	19:47	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV	Aluminum	120	100	120	80 - 120	P	11/17/2025	19:57	LB137929
	Antimony	55.6	50.0	111	80 - 120	P	11/17/2025	19:57	LB137929
	Arsenic	20.5	20.0	103	80 - 120	P	11/17/2025	19:57	LB137929
	Barium	102	100	102	80 - 120	P	11/17/2025	19:57	LB137929
	Beryllium	6.51	6.0	109	80 - 120	P	11/17/2025	19:57	LB137929
	Cadmium	6.08	6.0	101	80 - 120	P	11/17/2025	19:57	LB137929
	Calcium	2090	2000	104	80 - 120	P	11/17/2025	19:57	LB137929
	Chromium	10.4	10.0	104	80 - 120	P	11/17/2025	19:57	LB137929
	Cobalt	30.7	30.0	102	80 - 120	P	11/17/2025	19:57	LB137929
	Copper	22.6	20.0	113	80 - 120	P	11/17/2025	19:57	LB137929
	Iron	117	100	117	80 - 120	P	11/17/2025	19:57	LB137929
	Lead	14.3	12.0	119	80 - 120	P	11/17/2025	19:57	LB137929
	Magnesium	2190	2000	110	80 - 120	P	11/17/2025	19:57	LB137929
	Manganese	23.0	20.0	115	80 - 120	P	11/17/2025	19:57	LB137929
	Nickel	42.5	40.0	106	80 - 120	P	11/17/2025	19:57	LB137929
	Potassium	2060	2000	103	80 - 120	P	11/17/2025	19:57	LB137929
	Selenium	19.2	20.0	96	80 - 120	P	11/17/2025	19:57	LB137929
	Silver	11.9	10.0	119	80 - 120	P	11/17/2025	19:57	LB137929
	Sodium	1890	2000	94	80 - 120	P	11/17/2025	19:57	LB137929
	Thallium	39.0	40.0	97	80 - 120	P	11/17/2025	19:57	LB137929
	Vanadium	42.1	40.0	105	80 - 120	P	11/17/2025	19:57	LB137929
	Zinc	39.3	40.0	98	80 - 120	P	11/17/2025	19:57	LB137929

Metals

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CRDL STANDARD FOR AA & ICP

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841
	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841
	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841
CRA	Mercury	0.17	0.2	86	70 - 130	CV	11/10/2025	14:39	LB137835
CRI01	Aluminum	117	100	118	65 - 135	P	11/17/2025	13:35	LB137929
	Antimony	53.9	50.0	108	65 - 135	P	11/17/2025	13:35	LB137929
	Arsenic	20.5	20.0	102	65 - 135	P	11/17/2025	13:35	LB137929
	Barium	104	100	104	65 - 135	P	11/17/2025	13:35	LB137929
	Beryllium	6.60	6.0	110	65 - 135	P	11/17/2025	13:35	LB137929
	Cadmium	6.08	6.0	101	65 - 135	P	11/17/2025	13:35	LB137929
	Calcium	2090	2000	104	65 - 135	P	11/17/2025	13:35	LB137929
	Chromium	10.4	10.0	104	65 - 135	P	11/17/2025	13:35	LB137929
	Cobalt	31.0	30.0	104	65 - 135	P	11/17/2025	13:35	LB137929
	Copper	22.4	20.0	112	65 - 135	P	11/17/2025	13:35	LB137929
	Iron	107	100	107	65 - 135	P	11/17/2025	13:35	LB137929
	Lead	12.4	12.0	103	65 - 135	P	11/17/2025	13:35	LB137929

Metals
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CRDL STANDARD FOR AA & ICP

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2200	2000	110	65 - 135	P	11/17/2025	13:35	LB137929
	Manganese	21.8	20.0	109	65 - 135	P	11/17/2025	13:35	LB137929
	Nickel	42.9	40.0	107	65 - 135	P	11/17/2025	13:35	LB137929
	Potassium	1910	2000	96	65 - 135	P	11/17/2025	13:35	LB137929
	Selenium	22.9	20.0	115	65 - 135	P	11/17/2025	13:35	LB137929
	Silver	10.6	10.0	106	65 - 135	P	11/17/2025	13:35	LB137929
	Sodium	1840	2000	92	65 - 135	P	11/17/2025	13:35	LB137929
	Thallium	45.3	40.0	113	65 - 135	P	11/17/2025	13:35	LB137929
	Vanadium	42.4	40.0	106	65 - 135	P	11/17/2025	13:35	LB137929
	Zinc	43.8	40.0	110	65 - 135	P	11/17/2025	13:35	LB137929



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	<u>Pacific Commercial Services Inc.</u>	SDG No.:	<u>Q3574</u>
Contract:	<u>PACI01</u>	Lab Code:	<u>ACE</u>

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB108	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/10/2025	14:32	LB137835

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB53	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/10/2025	14:36	LB137835
CCB54	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/10/2025	15:04	LB137835
CCB55	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/11/2025	08:38	LB137835

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	80.0	100	P	11/10/2025	12:11	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	12:11	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	80.0	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	12:11	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	12:11	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	14.6	+/-50	J	80.0	100	P	11/10/2025	12:42	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	12:42	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	80.0	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	12:42	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	12:42	LB137841
CCB02	Aluminum	20.4	+/-50	J	80.0	100	P	11/10/2025	13:54	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	13:54	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	80.0	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	13:54	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	13:54	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	20.0	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	13:54	LB137841
CCB03	Aluminum	11.3	+/-50	U	80.0	100	P	11/10/2025	14:50	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	14:50	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	14:50	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	80.0	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	14:50	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	14:50	LB137841
CCB04	Aluminum	37.9	+/-50	J	80.0	100	P	11/10/2025	15:47	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	15:47	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	80.0	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	15:47	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	15:47	LB137841
CCB05	Aluminum	19.1	+/-50	J	80.0	100	P	11/10/2025	16:38	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	16:38	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	16:38	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	80.0	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	16:38	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	16:38	LB137841
CCB06	Aluminum	23.5	+/-50	J	80.0	100	P	11/10/2025	17:31	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	15.0	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	17:31	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	17:31	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	80.0	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	17:31	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	17:31	LB137841
CCB07	Aluminum	18.8	+/-50	J	80.0	100	P	11/10/2025	19:18	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	19:18	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	19:18	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	80.0	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	19:18	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	19:18	LB137841
CCB08	Aluminum	49.0	+/-50	J	80.0	100	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	20:26	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	20:26	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	80.0	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	20:26	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	20:26	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	20:26	LB137841
CCB09	Aluminum	11.3	+/-50	U	80.0	100	P	11/10/2025	21:41	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	21:41	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	21:41	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	80.0	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	21:41	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	21:41	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	21:41	LB137841
CCB10	Aluminum	21.4	+/-50	J	80.0	100	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	22:47	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	80.0	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	22:47	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	22:47	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	22:47	LB137841
	Aluminum	39.4	+/-50	J	80.0	100	P	11/10/2025	23:34	LB137841
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	25.0	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/10/2025	23:34	LB137841
	Calcium	234	+/-1000	U	500	2000	P	11/10/2025	23:34	LB137841
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	16.0	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	80.0	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	9.60	12.0	P	11/10/2025	23:34	LB137841
	Magnesium	244	+/-1000	U	500	2000	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/10/2025	23:34	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	10.0	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	1600	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	5.00	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	1000	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/10/2025	23:34	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	32.3	+/-50	J	80.0	100	P	11/17/2025	13:31	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	13:31	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	13:31	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	13:31	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	13:31	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	13:31	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	13:31	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	13:31	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	13:31	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	13:31	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	13:31	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	13:31	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	13:31	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	13:31	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	13:31	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	13:31	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	13:31	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	13:31	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	13:31	LB137929
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	13:31	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	13:31	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	13:31	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	14:01	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	14:01	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	14:01	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	14:01	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	14:01	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	14:01	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	14:01	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	14:01	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	14:01	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	14:01	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	14:01	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	14:01	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	14:01	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	14:01	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	14:01	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	14:01	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	14:01	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	14:01	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	14:01	LB137929
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	14:01	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	14:01	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	14:01	LB137929
CCB02	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	14:51	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	14:51	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	14:51	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	14:51	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	14:51	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	14:51	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	14:51	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	14:51	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	14:51	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	14:51	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	14:51	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	14:51	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	14:51	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	14:51	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	14:51	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	14:51	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	14:51	LB137929

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	14:51	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	14:51	LB137929
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	14:51	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	14:51	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	14:51	LB137929
CCB03	Aluminum	11.9	+/-50	J	80.0	100	P	11/17/2025	15:48	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	15:48	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	15:48	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	15:48	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	15:48	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	15:48	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	15:48	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	15:48	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	15:48	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	15:48	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	15:48	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	15:48	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	15:48	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	15:48	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	15:48	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	15:48	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	15:48	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	15:48	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	15:48	LB137929
	Thallium	5.14	+/-20	J	20.0	40.0	P	11/17/2025	15:48	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	15:48	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	15:48	LB137929
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	16:38	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	16:38	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	16:38	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	16:38	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	16:38	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	16:38	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	16:38	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	16:38	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	16:38	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	16:38	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	16:38	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	16:38	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	16:38	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	16:38	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	16:38	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	16:38	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	16:38	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	16:38	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	16:38	LB137929
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	16:38	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	16:38	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	16:38	LB137929
CCB05	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	17:28	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	17:28	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	17:28	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	17:28	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	17:28	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	17:28	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	17:28	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	17:28	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	17:28	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	17:28	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	17:28	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	17:28	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	17:28	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	17:28	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	17:28	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	17:28	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	17:28	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	17:28	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	17:28	LB137929
	Thallium	5.18	+/-20	J	20.0	40.0	P	11/17/2025	17:28	LB137929
CCB06	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	17:28	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	17:28	LB137929
	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	18:19	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	18:19	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	18:19	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	18:19	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	18:19	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	18:19	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	18:19	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	18:19	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	18:19	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	18:19	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	18:19	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	18:19	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	18:19	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	18:19	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	18:19	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	18:19	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	18:19	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	18:19	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	18:19	LB137929
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	18:19	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	18:19	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	18:19	LB137929
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	19:11	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	19:11	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	19:11	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	19:11	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	19:11	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	19:11	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	19:11	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	19:11	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	19:11	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	19:11	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	19:11	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	19:11	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	19:11	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	19:11	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	19:11	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	19:11	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	19:11	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	19:11	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	19:11	LB137929
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	19:11	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	19:11	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	19:11	LB137929
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	19:28	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	19:28	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	19:28	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	19:28	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	19:28	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	19:28	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	19:28	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	19:28	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	19:28	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	19:28	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	19:28	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	19:28	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	19:28	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	19:28	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	19:28	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	19:28	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	19:28	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	19:28	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	19:28	LB137929
	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	19:28	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	19:28	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	19:28	LB137929
CCB09	Aluminum	11.3	+/-50	U	80.0	100	P	11/17/2025	20:02	LB137929
	Antimony	6.76	+/-25	U	12.5	50.0	P	11/17/2025	20:02	LB137929
	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/17/2025	20:02	LB137929
	Barium	14.6	+/-50	U	25.0	100	P	11/17/2025	20:02	LB137929
	Beryllium	0.56	+/-3	U	1.50	6.00	P	11/17/2025	20:02	LB137929
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/17/2025	20:02	LB137929
	Calcium	234	+/-1000	U	500	2000	P	11/17/2025	20:02	LB137929
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/17/2025	20:02	LB137929
	Cobalt	2.26	+/-15	U	7.50	30.0	P	11/17/2025	20:02	LB137929
	Copper	4.60	+/-10	U	16.0	20.0	P	11/17/2025	20:02	LB137929
	Iron	23.4	+/-50	U	80.0	100	P	11/17/2025	20:02	LB137929
	Lead	2.30	+/-6	U	9.60	12.0	P	11/17/2025	20:02	LB137929
	Magnesium	244	+/-1000	U	500	2000	P	11/17/2025	20:02	LB137929
	Manganese	5.94	+/-10	U	15.0	20.0	P	11/17/2025	20:02	LB137929
	Nickel	3.06	+/-20	U	10.0	40.0	P	11/17/2025	20:02	LB137929
	Potassium	918	+/-1000	U	1600	2000	P	11/17/2025	20:02	LB137929
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/17/2025	20:02	LB137929
	Silver	1.62	+/-5	U	5.00	10.0	P	11/17/2025	20:02	LB137929
	Sodium	868	+/-1000	U	1000	2000	P	11/17/2025	20:02	LB137929

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	20.0	40.0	P	11/17/2025	20:02	LB137929
	Vanadium	6.26	+/-20	U	20.0	40.0	P	11/17/2025	20:02	LB137929
	Zinc	16.7	+/-20	U	15.0	40.0	P	11/17/2025	20:02	LB137929

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170468BL		WATER		Batch Number:		PB170468		Prep Date:	11/10/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	11/10/2025	14:45	LB137835

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170459BL	WATER			Batch Number:		PB170459		Prep Date:	11/10/2025	
	Aluminum	5.67	<25	U	40.0	50.0	P	11/17/2025	14:05	LB137929
	Antimony	3.38	<12.5	U	6.25	25.0	P	11/17/2025	14:05	LB137929
	Arsenic	2.56	<5	U	7.50	10.0	P	11/17/2025	14:05	LB137929
	Barium	7.28	<25	U	12.5	50.0	P	11/17/2025	14:05	LB137929
	Beryllium	0.28	<1.5	U	0.75	3.00	P	11/17/2025	14:05	LB137929
	Cadmium	0.25	<1.5	U	0.75	3.00	P	11/17/2025	14:05	LB137929
	Calcium	117	<500	U	250	1000	P	11/17/2025	14:05	LB137929
	Chromium	1.06	<2.5	U	2.50	5.00	P	11/17/2025	14:05	LB137929
	Cobalt	1.13	<7.5	U	3.75	15.0	P	11/17/2025	14:05	LB137929
	Copper	2.30	<5	U	8.00	10.0	P	11/17/2025	14:05	LB137929
	Iron	11.7	<25	U	40.0	50.0	P	11/17/2025	14:05	LB137929
	Lead	1.15	<3	U	4.80	6.00	P	11/17/2025	14:05	LB137929
	Magnesium	122	<500	U	250	1000	P	11/17/2025	14:05	LB137929
	Manganese	2.97	<5	U	7.50	10.0	P	11/17/2025	14:05	LB137929
	Nickel	1.53	<10	U	5.00	20.0	P	11/17/2025	14:05	LB137929
	Potassium	459	<500	U	800	1000	P	11/17/2025	14:05	LB137929
	Selenium	4.82	<5	U	8.00	10.0	P	11/17/2025	14:05	LB137929
	Silver	0.81	<2.5	U	2.50	5.00	P	11/17/2025	14:05	LB137929
	Sodium	434	<500	U	500	1000	P	11/17/2025	14:05	LB137929
	Thallium	2.19	<10	U	10.0	20.0	P	11/17/2025	14:05	LB137929
	Vanadium	3.13	<10	U	10.0	20.0	P	11/17/2025	14:05	LB137929
	Zinc	8.33	<10	U	7.50	20.0	P	11/17/2025	14:05	LB137929

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Pacific Commercial Services Inc.</u>	SDG No.: <u>Q3574</u>
Contract: <u>PACI01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841
	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841

Metals
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INTERFERENCE CHECK SAMPLE

Client: Pacific Commercial Services Inc.	SDG No.: Q3574
Contract: PACI01	Lab Code: ACE
ICS Source: EPA	Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841
ICSA01	Aluminum	252000	255000	99	216000	294000	11/17/2025	13:40	LB137929
	Antimony	-0.25			-50	50	11/17/2025	13:40	LB137929
	Arsenic	11.0			-20	20	11/17/2025	13:40	LB137929
	Barium	6.13	6.0	102	-94	106	11/17/2025	13:40	LB137929
	Beryllium	0.92			-6	6	11/17/2025	13:40	LB137929
	Cadmium	5.85	1.0	585	-5	7	11/17/2025	13:40	LB137929
	Calcium	239000	245000	98	208000	282000	11/17/2025	13:40	LB137929
	Chromium	51.1	52.0	98	42	62	11/17/2025	13:40	LB137929
	Cobalt	2.40			-30	30	11/17/2025	13:40	LB137929
	Copper	-17.2	2.0	860	-18	22	11/17/2025	13:40	LB137929
	Iron	96200	101000	95	85600	116500	11/17/2025	13:40	LB137929
	Lead	9.64			-12	12	11/17/2025	13:40	LB137929
	Magnesium	255000	255000	100	216000	294000	11/17/2025	13:40	LB137929
	Manganese	10.9	7.0	156	-13	27	11/17/2025	13:40	LB137929
	Nickel	5.91	2.0	296	-38	42	11/17/2025	13:40	LB137929
	Potassium	-16.1			0	0	11/17/2025	13:40	LB137929
	Selenium	8.91			-20	20	11/17/2025	13:40	LB137929
	Silver	-3.73			-10	10	11/17/2025	13:40	LB137929
	Sodium	-50.9			0	0	11/17/2025	13:40	LB137929
	Thallium	33.1			-40	40	11/17/2025	13:40	LB137929
	Vanadium	2.16			-40	40	11/17/2025	13:40	LB137929
	Zinc	6.79			-40	40	11/17/2025	13:40	LB137929
ICSAB01	Aluminum	249000	247000	101	209000	285000	11/17/2025	13:44	LB137929
	Antimony	592	618	96	525	711	11/17/2025	13:44	LB137929
	Arsenic	116	104	112	88.4	120	11/17/2025	13:44	LB137929
	Barium	494	537	92	437	637	11/17/2025	13:44	LB137929
	Beryllium	502	495	101	420	570	11/17/2025	13:44	LB137929
	Cadmium	994	972	102	826	1120	11/17/2025	13:44	LB137929
	Calcium	236000	235000	100	199000	271000	11/17/2025	13:44	LB137929
	Chromium	565	542	104	460	624	11/17/2025	13:44	LB137929
	Cobalt	504	476	106	404	548	11/17/2025	13:44	LB137929
	Copper	460	511	90	434	588	11/17/2025	13:44	LB137929
	Iron	98300	99300	99	84400	114500	11/17/2025	13:44	LB137929
	Lead	58.0	49.0	118	37	61	11/17/2025	13:44	LB137929
	Magnesium	253000	248000	102	210000	286000	11/17/2025	13:44	LB137929
	Manganese	505	507	100	430	584	11/17/2025	13:44	LB137929
	Nickel	1000	954	105	810	1100	11/17/2025	13:44	LB137929
	Potassium	-106			0	0	11/17/2025	13:44	LB137929
	Selenium	58.2	46.0	126	26	66	11/17/2025	13:44	LB137929
	Silver	194	201	96	170	232	11/17/2025	13:44	LB137929

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Pacific Commercial Services Inc.</u>	SDG No.: <u>Q3574</u>
Contract: <u>PACI01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	-65.9			0	0	11/17/2025	13:44	LB137929
	Thallium	137	108	127	68	148	11/17/2025	13:44	LB137929
	Vanadium	488	491	99	417	565	11/17/2025	13:44	LB137929
	Zinc	1050	952	110	809	1095	11/17/2025	13:44	LB137929



METAL QC DATA

A

B

C

D

E

F

G

H

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	Pacific Commercial Services Inc.	level:	low	sdg no.:	Q3574
contract:	PACI01			lab code:	ACE
matrix:	Water	sample id:	Q3584-01	client id:	SW-1MS
Percent Solids for Sample:	NA	Spiked ID:	Q3584-01MS	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.59		0.20	U	4.0	90		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	Pacific Commercial Services Inc.	level:	low	sdg no.:	Q3574
contract:	PACI01			lab code:	ACE
matrix:	Water	sample id:	Q3584-01	client id:	SW-1MSD
Percent Solids for Sample:	NA	Spiked ID:	Q3584-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.26		0.20	U	4.0	81.5	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>Pacific Commercial Services Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q3574</u>
contract:	<u>PACI01</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3584-03</u>	client id:	<u>SW-3MS</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3584-03MS	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	2300		1420		1000	88		P
Antimony	ug/L	88 - 113	438		25.0	U	400	110		P
Arsenic	ug/L	87 - 113	456		4.20	J	400	113		P
Barium	ug/L	88 - 113	136		35.2	J	100	101		P
Beryllium	ug/L	89 - 112	97.6		3.00	U	100	98		P
Cadmium	ug/L	88 - 113	107		3.00	U	100	107		P
Calcium	ug/L	87 - 113	148000		144000		500	899		P
Chromium	ug/L	90 - 113	211		3.53	J	200	104		P
Cobalt	ug/L	89 - 114	111		15.0	U	100	111		P
Copper	ug/L	86 - 114	150		5.77	J	150	96		P
Iron	ug/L	87 - 115	4080		2200		1500	125	N	P
Lead	ug/L	86 - 113	506		4.76	J	500	100		P
Magnesium	ug/L	85 - 113	439000		424000		1000	1471		P
Manganese	ug/L	90 - 114	184		85.5		100	98		P
Nickel	ug/L	88 - 113	271		3.10	J	250	107		P
Potassium	ug/L	86 - 114	222000		199000		5000	449		P
Selenium	ug/L	83 - 114	1070		10.0	U	1000	107		P
Silver	ug/L	84 - 115	43.4		5.00	U	37.5	116	N	P
Sodium	ug/L	87 - 115	3980000	D	3910000	D	1500	4152		P
Thallium	ug/L	85 - 114	837		3.87	J	1000	83	N	P
Vanadium	ug/L	90 - 111	156		20.0	U	150	104		P
Zinc	ug/L	87 - 115	142		22.1		100	120	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Pacific Commercial Services Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q3574</u>
contract:	<u>PACI01</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3584-03</u>	client id:	<u>SW-3MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3584-03MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	2300		1420		1000	88		P
Antimony	ug/L	88 - 113	456		25.0	U	400	114	N	P
Arsenic	ug/L	87 - 113	470		4.20	J	400	116	N	P
Barium	ug/L	88 - 113	132		35.2	J	100	97		P
Beryllium	ug/L	89 - 112	98.9		3.00	U	100	99		P
Cadmium	ug/L	88 - 113	110		3.00	U	100	110		P
Calcium	ug/L	87 - 113	143000		144000		500	-94		P
Chromium	ug/L	90 - 113	214		3.53	J	200	105		P
Cobalt	ug/L	89 - 114	113		15.0	U	100	113		P
Copper	ug/L	86 - 114	155		5.77	J	150	100		P
Iron	ug/L	87 - 115	4080		2200		1500	125	N	P
Lead	ug/L	86 - 113	521		4.76	J	500	103		P
Magnesium	ug/L	85 - 113	422000		424000		1000	-192		P
Manganese	ug/L	90 - 114	181		85.5		100	95		P
Nickel	ug/L	88 - 113	278		3.10	J	250	110		P
Potassium	ug/L	86 - 114	216000		199000		5000	333		P
Selenium	ug/L	83 - 114	1110		10.0	U	1000	111		P
Silver	ug/L	84 - 115	43.8		5.00	U	37.5	117	N	P
Sodium	ug/L	87 - 115	4200000	D	3910000	D	1500	19305		P
Thallium	ug/L	85 - 114	856		3.87	J	1000	85		P
Vanadium	ug/L	90 - 111	153		20.0	U	150	102		P
Zinc	ug/L	87 - 115	144		22.1		100	121	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Pacific Commercial Services Inc.

Contract: PACI01

Matrix: Water

Sample ID: Q3584-01

SDG No.: Q3574

Lab Code: ACE

Client ID: SW-1A

Level: LOW

Spiked ID: Q3584-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.72		0.20	U	4.00	118		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Pacific Commercial Services Inc.</u>	SDG No.: <u>Q3574</u>	
Contract: <u>PACI01</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>SW-3A</u>
Sample ID: <u>Q3584-03</u>	Spiked ID: <u>Q3584-03A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	88 - 113	434		25.0	U	400	108		P
Arsenic	ug/L	87 - 113	446		4.20	J	400	110		P
Iron	ug/L	87 - 115	4050		2200		1500	123	N	P
Silver	ug/L	84 - 115	42.3		5.00	U	37.5	113		P
Thallium	ug/L	85 - 114	796		3.87	J	1000	79	N	P
Zinc	ug/L	87 - 115	138		22.1		100	116	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3584-01 **Client ID:** SW-1DUP
Percent Solids for Sample: NA **Duplicate ID** Q3584-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3584-01MS **Client ID:** SW-1MSD
Percent Solids for Sample: NA **Duplicate ID** Q3584-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.59		3.26		10		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3584-03 **Client ID:** SW-3DUP
Percent Solids for Sample: NA **Duplicate ID** Q3584-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1420		1400		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	4.20	J	3.44	J	20		P
Barium	ug/L	20	35.2	J	33.7	J	4		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	144000		145000		1		P
Chromium	ug/L	20	3.53	J	3.56	J	1		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	5.77	J	5.25	J	9		P
Iron	ug/L	20	2200		2210		0		P
Lead	ug/L	20	4.76	J	2.36	J	67		P
Magnesium	ug/L	20	424000		427000		1		P
Manganese	ug/L	20	85.5		86.8		2		P
Nickel	ug/L	20	3.10	J	2.92	J	6		P
Potassium	ug/L	20	199000		208000		4		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	3910000	D	3970000	D	2		P
Thallium	ug/L	20	3.87	J	4.30	J	11		P
Vanadium	ug/L	20	20.0	U	5.27	J	200.0		P
Zinc	ug/L	20	22.1		21.8		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3584-03MS **Client ID:** SW-3MSD
Percent Solids for Sample: NA **Duplicate ID** Q3584-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	2300		2300		0		P
Antimony	ug/L	20	438		456		4		P
Arsenic	ug/L	20	456		470		3		P
Barium	ug/L	20	136		132		3		P
Beryllium	ug/L	20	97.6		98.9		1		P
Cadmium	ug/L	20	107		110		3		P
Calcium	ug/L	20	148000		143000		3		P
Chromium	ug/L	20	211		214		1		P
Cobalt	ug/L	20	111		113		2		P
Copper	ug/L	20	150		155		3		P
Iron	ug/L	20	4080		4080		0		P
Lead	ug/L	20	506		521		3		P
Magnesium	ug/L	20	439000		422000		4		P
Manganese	ug/L	20	184		181		2		P
Nickel	ug/L	20	271		278		3		P
Potassium	ug/L	20	222000		216000		3		P
Selenium	ug/L	20	1070		1110		4		P
Silver	ug/L	20	43.4		43.8		1		P
Sodium	ug/L	20	3980000	D	4200000	D	5		P
Thallium	ug/L	20	837		856		2		P
Vanadium	ug/L	20	156		153		2		P
Zinc	ug/L	20	142		144		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. SDG No.: Q3574
Contract: PACI01 Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170459BS							
Aluminum	ug/L	1000	1040		104	86 - 115	P
Antimony	ug/L	400	414		104	88 - 113	P
Arsenic	ug/L	400	403		101	87 - 113	P
Barium	ug/L	100	104		104	88 - 113	P
Beryllium	ug/L	100	106		106	89 - 112	P
Cadmium	ug/L	100	100		100	88 - 113	P
Calcium	ug/L	500	551	J	110	87 - 113	P
Chromium	ug/L	200	210		105	90 - 113	P
Cobalt	ug/L	100	102		102	89 - 114	P
Copper	ug/L	150	160		107	86 - 114	P
Iron	ug/L	1500	1550		103	87 - 115	P
Lead	ug/L	500	492		98	86 - 113	P
Magnesium	ug/L	1000	1050		105	85 - 113	P
Manganese	ug/L	100	106		106	90 - 114	P
Nickel	ug/L	250	257		103	88 - 113	P
Potassium	ug/L	5000	4970		99	86 - 114	P
Selenium	ug/L	1000	1020		102	83 - 114	P
Silver	ug/L	37.5	40.2		107	84 - 115	P
Sodium	ug/L	1500	1450		97	87 - 115	P
Thallium	ug/L	1000	1040		104	85 - 114	P
Vanadium	ug/L	150	156		104	90 - 111	P
Zinc	ug/L	100	108		108	87 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170468BS Mercury	ug/L	4.0	3.68		92	82 - 119	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SW-1L

Lab Name: Alliance **Contract:** PACI01
Lab Code: ACE **Lb No.:** lb137835 **Lab Sample ID :** Q3584-01L **SDG No.:** Q3574
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.20 U	1.00 U			CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SW-3L

Lab Name: Alliance **Contract:** PACI01
Lab Code: ACE **Lb No.:** lb137841 **Lab Sample ID :** Q3584-03L **SDG No.:** Q3574
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	1420		1470		4		P
Antimony	25.0	U	125	U			P
Arsenic	4.20	J	21.4	J	409		P
Barium	35.2	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	144000		150000		4		P
Chromium	3.53	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	5.77	J	50.0	U	100.0		P
Iron	2200		2040		8		P
Lead	4.76	J	30.0	U	100.0		P
Magnesium	424000		436000		3		P
Manganese	85.5		87.4		2		P
Nickel	3.10	J	100	U	100.0		P
Potassium	199000		181000		9		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	3830000	OR	4000000		5		P
Thallium	3.87	J	15.7	J	305		P
Vanadium	20.0	U	100	U			P
Zinc	22.1		100	U	100.0		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170459							
PB170459BL	PB170459BL	MB	WATER	11/10/2025	50.0	25.0	
PB170459BS	PB170459BS	LCS	WATER	11/10/2025	50.0	25.0	
Q3574-01	304641-01 Liquid	SAM	WATER	11/10/2025	50.0	50.0	
Q3584-03DUP	SW-3DUP	DUP	WATER	11/10/2025	50.0	25.0	
Q3584-03MS	SW-3MS	MS	WATER	11/10/2025	50.0	25.0	
Q3584-03MSD	SW-3MSD	MSD	WATER	11/10/2025	50.0	25.0	

Metals
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SAMPLE PREPARATION SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170468							
PB170468BL	PB170468BL	MB	WATER	11/10/2025	30.0	30.0	
PB170468BS	PB170468BS	LCS	WATER	11/10/2025	30.0	30.0	
Q3574-01	304641-01 Liquid	SAM	WATER	11/10/2025	30.0	30.0	
Q3584-01DUP	SW-1DUP	DUP	WATER	11/10/2025	30.0	30.0	
Q3584-01MS	SW-1MS	MS	WATER	11/10/2025	30.0	30.0	
Q3584-01MSD	SW-1MSD	MSD	WATER	11/10/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc.

Contract: PACI01

Lab code: ACE

Sdg no.: Q3574

Instrument id number:

Method:

Run number: LB137835

Start date: 11/10/2025

End date: 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1408	HG
S0.2	S0.2	1	1411	HG
S2.5	S2.5	1	1413	HG
S5	S5	1	1415	HG
S7.5	S7.5	1	1417	HG
S10	S10	1	1427	HG
ICV108	ICV108	1	1429	HG
ICB108	ICB108	1	1432	HG
CCV53	CCV53	1	1434	HG
CCB53	CCB53	1	1436	HG
CRA	CRA	1	1439	HG
PB170468BL	PB170468BL	1	1445	HG
PB170468BS	PB170468BS	1	1448	HG
Q3574-01	304641-01 Liquid	1	1457	HG
CCV54	CCV54	1	1501	HG
CCB54	CCB54	1	1504	HG
Q3584-01DUP	SW-1DUP	1	1506	HG
Q3584-01MS	SW-1MS	1	1508	HG
Q3584-01MSD	SW-1MSD	1	1510	HG
Q3584-01L	SW-1L	5	0759	HG
Q3584-01A	SW-1A	1	0822	HG
CCV55	CCV55	1	0836	HG
CCB55	CCB55	1	0838	HG

metals
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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc.

Contract: PACI01

Lab code: ACE

Sdg no.: Q3574

Instrument id number:

Method:

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1238	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1242	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1547	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1635	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1914	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03DUP	SW-3DUP	1	2150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03L	SW-3L	5	2155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03MS	SW-3MS	1	2159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03MSD	SW-3MSD	1	2203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03A	SW-3A	1	2208	Ag,As,Fe,Sb,Tl,Zn
Q3574-01	304641-01 Liquid	1	2224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03DUP	SW-3DUP	10	2300	Na
Q3584-03MS	SW-3MS	10	2308	Na
Q3584-03MSD	SW-3MSD	10	2313	Na

metals
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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc.

Contract: PACI01

Lab code: ACE

Sdg no.: Q3574

Instrument id number: _____

Method: _____

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV11	CCV11	1	2330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

A

B

C

D

E

F

G

H

metals
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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc.

Contract: PACI01

Lab code: ACE

Sdg no.: Q3574

Instrument id number:
Method:
Run number: LB137929

Start date: 11/17/2025

End date: 11/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1257	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1302	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1306	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1310	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1314	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1319	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1331	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1335	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1344	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170459BL	PB170459BL	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170459BS	PB170459BS	1	1410	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1548	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1724	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1728	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1815	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1907	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1911	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1924	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1928	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	1947	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV	LLCCV	1	1957	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2002	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water			11/04/25			11/07/25
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3574-02	304641-01 Liquid	TCLP			11/04/25			11/07/25
			TCLP ICP Metals	6010D		11/12/25	11/12/25	
			TCLP Mercury	7470A		11/12/25	11/12/25	

Hit Summary Sheet
SW-846

SDG No.: Q3574 **Order ID:** Q3574
Client: Pacific Commercial Services Inc. **Project ID:** Kilo Pier

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : 304641-01 Liquid									
Q3574-02	304641-01 Liquid	TCLP	Barium	88.3		7.28	12.5	50.0	ug/L
Q3574-02	304641-01 Liquid	TCLP	Chromium	3.40	J	1.06	2.50	5.00	ug/L
Q3574-02	304641-01 Liquid	TCLP	Lead	13.0		1.15	4.80	6.00	ug/L



SAMPLE DATA

A

B

C

D

E

F

G

H

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/04/25
Project:	Kilo Pier	Date Received:	11/07/25
Client Sample ID:	304641-01 Liquid	SDG No.:	Q3574
Lab Sample ID:	Q3574-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-39-3	Barium	88.3	N	1	7.28	12.5	50.0	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-47-3	Chromium	3.40	J	1	1.06	2.50	5.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7439-92-1	Lead	13.0		1	1.15	4.80	6.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7439-97-6	Mercury	1.60	U	1	0.76	1.60	2.00	ug/L	11/12/25 11:30	11/12/25 15:02	7470A	M7470A
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050
7440-22-4	Silver	2.50	U	1	0.81	2.50	5.00	ug/L	11/12/25 12:30	11/12/25 18:26	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

A

B

C

D

E

F

G

H

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV111	Mercury	3.82	4.0	95	90 - 110	CV	11/12/2025	14:32	LB137868

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV66	Mercury	5.12	5.0	102	90 - 110	CV	11/12/2025	14:39	LB137868
CCV67	Mercury	5.08	5.0	102	90 - 110	CV	11/12/2025	15:16	LB137868
CCV68	Mercury	4.96	5.0	99	90 - 110	CV	11/12/2025	15:32	LB137868

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	4150	4000	104	90 - 110	P	11/12/2025	16:56	LB137883
	Barium	7600	8000	95	90 - 110	P	11/12/2025	16:56	LB137883
	Cadmium	2010	2000	101	90 - 110	P	11/12/2025	16:56	LB137883
	Chromium	803	800	100	90 - 110	P	11/12/2025	16:56	LB137883
	Lead	3980	4000	100	90 - 110	P	11/12/2025	16:56	LB137883
	Selenium	4120	4000	103	90 - 110	P	11/12/2025	16:56	LB137883
	Silver	1040	1000	104	90 - 110	P	11/12/2025	16:56	LB137883

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.5	20.0	107	80 - 120	P	11/12/2025	17:25	LB137883
	Barium	101	100	101	80 - 120	P	11/12/2025	17:25	LB137883
	Cadmium	5.74	6.0	96	80 - 120	P	11/12/2025	17:25	LB137883
	Chromium	10.2	10.0	102	80 - 120	P	11/12/2025	17:25	LB137883
	Lead	9.89	12.0	82	80 - 120	P	11/12/2025	17:25	LB137883
	Selenium	17.6	20.0	88	80 - 120	P	11/12/2025	17:25	LB137883
	Silver	11.2	10.0	112	80 - 120	P	11/12/2025	17:25	LB137883

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5040	5000	101	90 - 110	P	11/12/2025	18:01	LB137883
	Barium	9410	10000	94	90 - 110	P	11/12/2025	18:01	LB137883
	Cadmium	2390	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Chromium	985	1000	98	90 - 110	P	11/12/2025	18:01	LB137883
	Lead	4730	5000	95	90 - 110	P	11/12/2025	18:01	LB137883
	Selenium	4800	5000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Silver	1200	1250	96	90 - 110	P	11/12/2025	18:01	LB137883
CCV02	Arsenic	5130	5000	102	90 - 110	P	11/12/2025	19:04	LB137883
	Barium	9190	10000	92	90 - 110	P	11/12/2025	19:04	LB137883
	Cadmium	2410	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	19:04	LB137883
	Lead	4790	5000	96	90 - 110	P	11/12/2025	19:04	LB137883
	Selenium	4910	5000	98	90 - 110	P	11/12/2025	19:04	LB137883
	Silver	1210	1250	97	90 - 110	P	11/12/2025	19:04	LB137883
CCV03	Arsenic	5220	5000	104	90 - 110	P	11/12/2025	20:29	LB137883
	Barium	9550	10000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Cadmium	2400	2500	96	90 - 110	P	11/12/2025	20:29	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Lead	4770	5000	95	90 - 110	P	11/12/2025	20:29	LB137883
	Selenium	5020	5000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Silver	1240	1250	99	90 - 110	P	11/12/2025	20:29	LB137883
CCV04	Arsenic	5310	5000	106	90 - 110	P	11/12/2025	21:46	LB137883
	Barium	9420	10000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Cadmium	2640	2500	105	90 - 110	P	11/12/2025	21:46	LB137883
	Chromium	1100	1000	110	90 - 110	P	11/12/2025	21:46	LB137883
	Lead	5200	5000	104	90 - 110	P	11/12/2025	21:46	LB137883
	Selenium	5170	5000	103	90 - 110	P	11/12/2025	21:46	LB137883
	Silver	1350	1250	108	90 - 110	P	11/12/2025	21:46	LB137883
CCV05	Arsenic	5030	5000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Barium	9330	10000	93	90 - 110	P	11/12/2025	22:16	LB137883
	Cadmium	2420	2500	97	90 - 110	P	11/12/2025	22:16	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Lead	4740	5000	95	90 - 110	P	11/12/2025	22:16	LB137883
	Selenium	4790	5000	96	90 - 110	P	11/12/2025	22:16	LB137883

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Pacific Commercial Services Inc.
Contract: PACI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3574
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:16	LB137883
CCV06	Arsenic	5080	5000	102	90 - 110	P	11/12/2025	22:53	LB137883
	Barium	9580	10000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Cadmium	2430	2500	97	90 - 110	P	11/12/2025	22:53	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:53	LB137883
	Lead	4780	5000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Selenium	4860	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:53	LB137883

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.23	0.2	113	70 - 130	CV	11/12/2025	14:44	LB137868
CRI01	Arsenic	17.1	20.0	86	65 - 135	P	11/12/2025	22:07	LB137883
	Barium	94.0	100	94	65 - 135	P	11/12/2025	22:07	LB137883
	Cadmium	5.94	6.0	99	65 - 135	P	11/12/2025	22:07	LB137883
	Chromium	10.9	10.0	109	65 - 135	P	11/12/2025	22:07	LB137883
	Lead	11.8	12.0	99	65 - 135	P	11/12/2025	22:07	LB137883
	Selenium	21.6	20.0	108	65 - 135	P	11/12/2025	22:07	LB137883
	Silver	9.58	10.0	96	65 - 135	P	11/12/2025	22:07	LB137883



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB111	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	14:34	LB137868

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB66	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	14:42	LB137868
CCB67	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	15:18	LB137868
CCB68	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	11/12/2025	15:34	LB137868

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	17:35	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	17:35	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	17:35	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	17:35	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	17:35	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	17:35	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	17:35	LB137883

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	18:13	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	18:13	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	18:13	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	18:13	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	18:13	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	18:13	LB137883
	Silver	1.68	+/-5	J	5.00	10.0	P	11/12/2025	18:13	LB137883
CCB02	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	19:24	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	19:24	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	19:24	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	19:24	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	19:24	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	19:24	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	19:24	LB137883
CCB03	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	20:37	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	20:37	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	20:37	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	20:37	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	20:37	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	20:37	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	20:37	LB137883
CCB04	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	22:03	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	22:03	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	22:03	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	22:03	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	22:03	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	22:03	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	22:03	LB137883
CCB05	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	22:20	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	22:20	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	22:20	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	22:20	LB137883
	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	22:20	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	22:20	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	22:20	LB137883
CCB06	Arsenic	5.12	+/-10	U	15.0	20.0	P	11/12/2025	22:57	LB137883
	Barium	14.6	+/-50	U	25.0	100	P	11/12/2025	22:57	LB137883
	Cadmium	0.50	+/-3	U	1.50	6.00	P	11/12/2025	22:57	LB137883
	Chromium	2.12	+/-5	U	5.00	10.0	P	11/12/2025	22:57	LB137883

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	9.60	12.0	P	11/12/2025	22:57	LB137883
	Selenium	9.64	+/-10	U	16.0	20.0	P	11/12/2025	22:57	LB137883
	Silver	1.62	+/-5	U	5.00	10.0	P	11/12/2025	22:57	LB137883

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170490TB		WATER		Batch Number:		PB170511		Prep Date:	11/12/2025	
	Mercury	0.76	<2	U	1.60	2.00	CV	11/12/2025	15:23	LB137868
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170493TB		WATER		Batch Number:		PB170511		Prep Date:	11/12/2025	
	Mercury	0.76	<2	U	1.60	2.00	CV	11/12/2025	15:25	LB137868
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170511BL		WATER		Batch Number:		PB170511		Prep Date:	11/12/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	11/12/2025	14:51	LB137868

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170490TB		WATER		Batch Number:		PB170507		Prep Date:	11/12/2025	
	Arsenic	2.56	<5	U	7.50	10.0	P	11/12/2025	18:34	LB137883
	Barium	7.28	<25	U	12.5	50.0	P	11/12/2025	18:34	LB137883
	Cadmium	0.25	<1.5	J	0.75	3.00	P	11/12/2025	18:34	LB137883
	Chromium	2.5	<2.5	J	2.50	5.00	P	11/12/2025	18:34	LB137883
	Lead	1.15	<3	U	4.80	6.00	P	11/12/2025	18:34	LB137883
	Selenium	4.82	<5	U	8.00	10.0	P	11/12/2025	18:34	LB137883
	Silver	0.81	<2.5	U	2.50	5.00	P	11/12/2025	18:34	LB137883
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170493TB		WATER		Batch Number:		PB170507		Prep Date:	11/12/2025	
	Arsenic	2.56	<5	U	7.50	10.0	P	11/12/2025	18:38	LB137883
	Barium	7.28	<25	U	12.5	50.0	P	11/12/2025	18:38	LB137883
	Cadmium	0.25	<1.5	U	0.75	3.00	P	11/12/2025	18:38	LB137883
	Chromium	2.5	<2.5	J	2.50	5.00	P	11/12/2025	18:38	LB137883
	Lead	1.15	<3	U	4.80	6.00	P	11/12/2025	18:38	LB137883
	Selenium	4.82	<5	U	8.00	10.0	P	11/12/2025	18:38	LB137883
	Silver	0.81	<2.5	U	2.50	5.00	P	11/12/2025	18:38	LB137883
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170507BL		WATER		Batch Number:		PB170507		Prep Date:	11/12/2025	
	Arsenic	2.56	<5	U	7.50	10.0	P	11/12/2025	18:17	LB137883
	Barium	7.28	<25	U	12.5	50.0	P	11/12/2025	18:17	LB137883
	Cadmium	0.25	<1.5	U	0.75	3.00	P	11/12/2025	18:17	LB137883
	Chromium	1.06	<2.5	U	2.50	5.00	P	11/12/2025	18:17	LB137883
	Lead	1.15	<3	U	4.80	6.00	P	11/12/2025	18:17	LB137883
	Selenium	4.82	<5	U	8.00	10.0	P	11/12/2025	18:17	LB137883
	Silver	0.81	<2.5	U	2.50	5.00	P	11/12/2025	18:17	LB137883

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Pacific Commercial Services Inc.</u>	SDG No.: <u>Q3574</u>
Contract: <u>PACI01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	7.40			-20	20	11/12/2025	17:44	LB137883
	Barium	8.38	6.0	140	-94	106	11/12/2025	17:44	LB137883
	Cadmium	-0.82	1.0	82	-5	7	11/12/2025	17:44	LB137883
	Chromium	50.4	52.0	97	42	62	11/12/2025	17:44	LB137883
	Lead	-8.49			-12	12	11/12/2025	17:44	LB137883
	Selenium	-3.77			-20	20	11/12/2025	17:44	LB137883
	Silver	8.44			-10	10	11/12/2025	17:44	LB137883
ICSAB01	Arsenic	113	104	109	88.4	120	11/12/2025	17:48	LB137883
	Barium	464	537	86	437	637	11/12/2025	17:48	LB137883
	Cadmium	966	972	99	826	1120	11/12/2025	17:48	LB137883
	Chromium	558	542	103	460	624	11/12/2025	17:48	LB137883
	Lead	38.8	49.0	79	37	61	11/12/2025	17:48	LB137883
	Selenium	38.7	46.0	84	26	66	11/12/2025	17:48	LB137883
	Silver	204	201	102	170	232	11/12/2025	17:48	LB137883



METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Pacific Commercial Services Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3574</u>
contract: <u>PACI01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3604-02</u>	client id: <u>S-2MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3604-02MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	393		10.0	U	400	98		P
Barium	ug/L	88 - 113	476		395		100	82	N	P
Cadmium	ug/L	88 - 113	94.7		3.00	U	100	95		P
Chromium	ug/L	90 - 113	206		4.51	J	200	101		P
Lead	ug/L	86 - 113	459		2.84	J	500	91		P
Mercury	ug/L	82 - 119	39.3		0.83	J	40.0	96		CV
Selenium	ug/L	83 - 114	920		10.0	U	1000	92		P
Silver	ug/L	84 - 115	34.3		5.00	U	37.5	92		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Pacific Commercial Services Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3574</u>
contract: <u>PACI01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3604-02</u>	client id: <u>S-2MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3604-02MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	375		10.0	U	400	94		P
Barium	ug/L	88 - 113	474		395		100	79	N	P
Cadmium	ug/L	88 - 113	89.6		3.00	U	100	90		P
Chromium	ug/L	90 - 113	192		4.51	J	200	94		P
Lead	ug/L	86 - 113	435		2.84	J	500	86		P
Mercury	ug/L	82 - 119	39.0		0.83	J	40.0	96		CV
Selenium	ug/L	83 - 114	876		10.0	U	1000	88		P
Silver	ug/L	84 - 115	32.2		5.00	U	37.5	86		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Pacific Commercial Services Inc.

Contract: PACI01

Matrix: Water

Sample ID: Q3604-02

SDG No.: Q3574

Lab Code: ACE

Client ID: S-2A

Level: LOW

Spiked ID: Q3604-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	475		395		100	80	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3604-02 **Client ID:** S-2DUP
Percent Solids for Sample: NA **Duplicate ID** Q3604-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	395		396		0		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	4.51	J	4.17	J	8		P
Lead	ug/L	20	2.84	J	1.61	J	55		P
Mercury	ug/L	20	0.83	J	2.00	U	200.0		CV
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Pacific Commercial Services Inc. **Level:** LOW **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3604-02MS **Client ID:** S-2MSD
Percent Solids for Sample: NA **Duplicate ID** Q3604-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	393		375		5		P
Barium	ug/L	20	476		474		0		P
Cadmium	ug/L	20	94.7		89.6		6		P
Chromium	ug/L	20	206		192		7		P
Lead	ug/L	20	459		435		5		P
Mercury	ug/L	20	39.3		39.0		1		CV
Selenium	ug/L	20	920		876		5		P
Silver	ug/L	20	34.3		32.2		6		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals
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LABORATORY CONTROL SAMPLE SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170507BS							
Arsenic	ug/L	400	388		97	87 - 113	P
Barium	ug/L	100	95.5		96	88 - 113	P
Cadmium	ug/L	100	91.0		91	88 - 113	P
Chromium	ug/L	200	197		98	90 - 113	P
Lead	ug/L	500	447		89	86 - 113	P
Selenium	ug/L	1000	928		93	83 - 114	P
Silver	ug/L	37.5	36.1		96	84 - 115	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170511BS Mercury	ug/L	4.0	3.90		98	82 - 119	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

S-2L

Lab Name: Alliance **Contract:** PACI01
Lab Code: ACE **Lb No.:** lb137883 **Lab Sample ID :** Q3604-02L **SDG No.:** Q3574
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference		Q	M
		C		C				
Arsenic		10.0 U		50.0 U				P
Barium		395		395		0		P
Cadmium		3.00 U		15.0 U				P
Chromium		4.51 J		25.0 U		100.0		P
Lead		2.84 J		30.0 U		100.0		P
Mercury		0.83 J		10.0 U		100.0		CV
Selenium		10.0 U		50.0 U				P
Silver		5.00 U		25.0 U				P



METAL PREPARATION & INSTRUMENT DATA

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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Contract: PACI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170507							
PB170490TB	PB170490TB	MB	WATER	11/12/2025	50.0	25.0	
PB170493TB	PB170493TB	MB	WATER	11/12/2025	50.0	25.0	
PB170507BL	PB170507BL	MB	WATER	11/12/2025	50.0	25.0	
PB170507BS	PB170507BS	LCS	WATER	11/12/2025	50.0	25.0	
Q3574-02	304641-01 Liquid	SAM	WATER	11/12/2025	50.0	25.0	
Q3604-02DUP	S-2DUP	DUP	WATER	11/12/2025	50.0	25.0	
Q3604-02MS	S-2MS	MS	WATER	11/12/2025	50.0	25.0	
Q3604-02MSD	S-2MSD	MSD	WATER	11/12/2025	50.0	25.0	

Metals
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SAMPLE PREPARATION SUMMARY

Client: Pacific Commercial Services Inc. **SDG No.:** Q3574
Contract: PACI01 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170511							
PB170490TB	PB170490TB	MB	WATER	11/12/2025	3.0	30.0	
PB170493TB	PB170493TB	MB	WATER	11/12/2025	3.0	30.0	
PB170511BL	PB170511BL	MB	WATER	11/12/2025	30.0	30.0	
PB170511BS	PB170511BS	LCS	WATER	11/12/2025	30.0	30.0	
Q3574-02	304641-01 Liquid	SAM	WATER	11/12/2025	3.0	30.0	
Q3604-02DUP	S-2DUP	DUP	WATER	11/12/2025	3.0	30.0	
Q3604-02MS	S-2MS	MS	WATER	11/12/2025	3.0	30.0	
Q3604-02MSD	S-2MSD	MSD	WATER	11/12/2025	3.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc.

Contract: PACI01

Lab code: ACE

Sdg no.: Q3574

Instrument id number:

Method:

Run number: LB137868

Start date: 11/12/2025

End date: 11/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1415	HG
S0.2	S0.2	1	1417	HG
S2.5	S2.5	1	1419	HG
S5	S5	1	1425	HG
S7.5	S7.5	1	1427	HG
S10	S10	1	1429	HG
ICV111	ICV111	1	1432	HG
ICB111	ICB111	1	1434	HG
CCV66	CCV66	1	1439	HG
CCB66	CCB66	1	1442	HG
CRA	CRA	1	1444	HG
PB170511BL	PB170511BL	1	1451	HG
PB170511BS	PB170511BS	1	1459	HG
Q3574-02	304641-01 Liquid	1	1502	HG
Q3604-02DUP	S-2DUP	1	1509	HG
Q3604-02MS	S-2MS	1	1514	HG
CCV67	CCV67	1	1516	HG
CCB67	CCB67	1	1518	HG
Q3604-02MSD	S-2MSD	1	1520	HG
PB170490TB	PB170490TB	1	1523	HG
PB170493TB	PB170493TB	1	1525	HG
Q3604-02L	S-2L	5	1527	HG
CCV68	CCV68	1	1532	HG
CCB68	CCB68	1	1534	HG

metals
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ANALYSIS RUN LOG

Client: Pacific Commercial Services Inc.

Contract: PACI01

Lab code: ACE

Sdg no.: Q3574

Instrument id number: **Method:**

Run number: LB137883

Start date: 11/12/2025 **End date:** 11/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1621	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1626	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1630	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1634	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1638	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1642	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1656	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1725	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1735	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1744	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1748	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1801	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1813	Ag,As,Ba,Cd,Cr,Pb,Se
PB170507BL	PB170507BL	1	1817	Ag,As,Ba,Cd,Cr,Pb,Se
PB170507BS	PB170507BS	1	1822	Ag,As,Ba,Cd,Cr,Pb,Se
Q3574-02	304641-01 Liquid	1	1826	Ag,As,Ba,Cd,Cr,Pb,Se
PB170490TB	PB170490TB	1	1834	Ag,As,Ba,Cd,Cr,Pb,Se
PB170493TB	PB170493TB	1	1838	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02DUP	S-2DUP	1	1851	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02L	S-2L	5	1855	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02MS	S-2MS	1	1900	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1904	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1924	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02MSD	S-2MSD	1	1928	Ag,As,Ba,Cd,Cr,Pb,Se
Q3604-02A	S-2A	1	1932	Ba
CCV03	CCV03	1	2029	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	2037	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	2146	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	2203	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	2207	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	2216	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	2220	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	2253	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	2257	Ag,As,Ba,Cd,Cr,Pb,Se

LAB CHRONICLE

OrderID:	Q3574	OrderDate:	11/7/2025 10:02:13 AM
Client:	Pacific Commercial Services Inc.	Project:	Kilo Pier
Contact:	Wendi Zheng	Location:	--Select--,J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3574-01	304641-01 Liquid	Water			11/04/25 08:45			11/07/25
			Flash Point	1010B				
			pH	9040C				
							11/19/25 09:45	
							11/10/25 13:55	
Q3574-03	304614-01 fuel	Water			11/04/25 08:45			11/07/25
			Flash Point	1010B				
							11/19/25 10:35	



SAMPLE DATA

Report of Analysis

Client: Pacific Commercial Services Inc.
Project: Kilo Pier
Client Sample ID: 304641-01 Liquid
Lab Sample ID: Q3574-01

Date Collected: 11/04/25 08:45
Date Received: 11/07/25
SDG No.: Q3574
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	190		1	0	0	0	o F		11/19/25 09:45	1010B
pH	6.63	H	1	0	0	0	pH		11/10/25 13:55	9040C

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Pacific Commercial Services Inc.	Date Collected:	11/04/25 08:45
Project:	Kilo Pier	Date Received:	11/07/25
Client Sample ID:	304614-01 fuel	SDG No.:	Q3574
Lab Sample ID:	Q3574-03	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Flash Point	198		1	0	0	0	o F		11/19/25 10:35	1010B

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Project: Kilo Pier

RunNo.: LB137843

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.02	7	100	90-110	11/10/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	11/10/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	11/10/2025
Sample ID: CCV3 pH	pH	2.01	2.00	101	90-110	11/10/2025

Initial and Continuing Calibration Verification

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Project: Kilo Pier

RunNo.: LB137966

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Flash Point	o F	82.4	81	102	78-84	11/19/2025

Duplicate Sample Summary

Client:	Pacific Commercial Services Inc.	SDG No.:	Q3574
Project:	Kilo Pier	Sample ID:	Q3595-01
Client ID:	LAW-25-0176DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
pH	pH	+/-20	7.13		7.15		1	0.28		11/10/2025

Duplicate Sample Summary

Client: Pacific Commercial Services Inc.

SDG No.: Q3574

Project: Kilo Pier

Sample ID: Q3660-01

Client ID: FRAC-TANK-M21012DUP

Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Flash Point	o F	+/-2	>212.0		>212.0		1	0		11/19/2025



SHIPPING DOCUMENTS

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q3574

COC Number:

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

COMPANY: Pacific Commercial Services, Inc.
ADDRESS: 91-254 Olai Street
CITY Kapolei STATE: HI ZIP: 96707
ATTENTION: Wendi Zheng
PHONE: 808-545-4599 FAX:

PROJECT NAME: Kilo Pier
PROJECT #: 304641-01 LOCATION: JBPHH
PROJECT MANAGER: Wendi Zheng, Daniel Barragan
E-MAIL: Wendi.Zheng@pcshi.com
PHONE: 808-729-0889 FAX:

BILL TO: Pacific Commercial Services PO#
ADDRESS: PO Box 235117
CITY: Honolulu STATE: HI ZIP: 96823
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

FAX: _____ DAYS*
HARD COPY: _____ DAYS*
EDD _____ DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

TPH GC	GRO	VOC	PCB	Priority metals	TCLP metals	pH	Flash point	PAH
1	2	3	4	5	6	7	8	9

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	304641-01-Wash water liquid			X	11/4/25	8:45	9	X	X	X	X	X	X	X	X	X	
2.	304614-01-Fuel			X	11/4/25	8:45	1								X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>2.3°</u> MeOH extraction requires an additional 4oz. Jar for percent solid Comments: <u>13.7 + 0.2 = 13.9 (FEDER)</u> <u>IF Count 1</u>
1. <u>Amrit Krishna</u>	<u>11/4/25</u>	<u>[Signature]</u>	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2. <u>[Signature]</u>	<u>11/6/25</u> <u>10:35</u>	<u>[Signature]</u>	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3. <u>[Signature]</u>	<u>11/7/25</u> <u>9:40</u>	<u>[Signature]</u>	

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Monday, November 10, 2025 12:10 PM
Subject: Re: low volume

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Secured by Check Point

Hi Deepak,

Please remove PCB testing. Thank you.

Mahalo,



WENDI ZHENG, P.E.

Sr. Environmental Engineer
 Pacific Commercial Services, Inc.

☎ (808) 545-4599 | 📠 (808)-729-0889

✉ Wendi.Zheng@pcshi.com | 🌐 www.pcsihi.com

📍 P.O. Box 235117 Honolulu, HI 96823

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From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, November 10, 2025 6:36:58 AM
To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>
Subject: Re: low volume

hello,

just following bellowed email.

Thanks & Regards,



Deepak Parmar

Sr. Project Manager

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3154

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

<https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XogFf4B-TCQ?u=http://www.alliancetg.com>



From: Deepak Parmar <Deepak.Parmar@alliancetg.com>

Sent: Monday, November 10, 2025 9:44 AM

To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>

Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>

Subject: Re: low volume

good morning,

lab received only two ambers for three different analysis PCB,SVOC and THP GC. It's not enough volume to do all three analyses. let us know to proceed with analysis ?

Thanks & Regards,



Deepak Parmar

Sr. Project Manager

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3154

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

<https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XogFf4B-TCQ?u=http://www.alliancetg.com>



From: Deepak Parmar <Deepak.Parmar@alliancetg.com>

Sent: Monday, November 3, 2025 9:23 AM

To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>
Subject: Re: Lab accreditation

Good morning,

The address is correct and see attached COC.

Sample Receiving
284 Sheffield Street
Mountainside, NJ 07092

Thanks & Regards,



Deepak Parmar
Sr. Project Manager
An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3154

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

<https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XoqFf4B-TCQ?u=http://www.alliancetg.com>



From: Wendi Zheng <Wendi.Zheng@pcshi.com>

Sent: Monday, November 3, 2025 12:43 AM

To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>

Cc: Amrit Krishna <Amrit.Krishna@pcshi.com>

Subject: RE: Lab accreditation

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Secured by Check Point

Hi Mohammad and Deepak,

We are planning to send out the sample in a couple days. Can you please confirm the address is 284 Sheffield St, Ste 1, Mountainside, NJ 07092 and provide the electronic COC? Thank you.

Mahalo,



WENDI ZHENG, P.E.

Sr. Environmental Engineer
Pacific Commercial Services, Inc.

☎ (808) 545-4599 | 📠 (808)-729-0889

✉ Wendi.Zheng@pcshi.com | 🌐 www.pcsi.com

📍 P.O. Box 235117 Honolulu, HI 96823

12

12.2

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From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>

Sent: Thursday, October 30, 2025 6:36 AM

To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>

Subject: Re: Lab accreditation

Wendi,
yes.



Mohammad Ahmed

Laboratory Director

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3151

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

<https://link.edgepilot.com/s/579858cd/1XwBLU0MzEOueUPGfi45Yw?u=http://>

There's a better way.

From: Wendi Zheng <Wendi.Zheng@pcshi.com>

Sent: Thursday, October 30, 2025 12:30 PM

To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>

Subject: RE: Lab accreditation

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Thank you Mohammad!

Is preservative for GRO/VOC HCl? Priority metals with HNO3?

12

12.2

Mahalo,



WENDI ZHENG, P.E.

Sr. Environmental Engineer
Pacific Commercial Services, Inc.

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✉ Wendi.Zheng@pcshi.com | 🌐 www.pcsi.com

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From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>

Sent: Thursday, October 30, 2025 6:26 AM

To: Wendi Zheng <Wendi.Zheng@pcshi.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>

Subject: Re: Lab accreditation

Wendi,
we will need following .

- TPH GC 1L Amber
- GRO 2 40ML VOA vials preserve
- VOC 2 40ML VOA vials preserve
- PCB 1L Amber
- Priority metals, including RCRA 8 metals 1 preserve 250ml plastic
- TCLP RCRA 8 metals non preserve 1 500ml plastic
- Flash point (we can run this test). 1 500ml plastic (this will be used for pH and Flash point
- pH
- PAH 1L Amber



There's a better way.

Mohammad Ahmed

Laboratory Director

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3151

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

<https://link.edgepilot.com/s/7df9f984/8IGSGRy6gUG1i64iMgA92g?u=http://www>

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Thursday, October 30, 2025 12:14 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: RE: Lab accreditation

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Hi Mohammad and Deepak,

For the project we need analysis now the matrix is 10% jet fuel and 90% water. We would like to analyze the water phase for all analysis plus flash point testing on the fuel. Thank you.

Mahalo,

Wendi Zheng, P.E.
Environmental Engineer



Pacific Commercial Services, Inc.
91-254 Olai Street, Kapolei, HI 96707
Cell: 808-729-0889

Office: 808-545-4599
Website: www.pcschi.com

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Mahalo,



WENDI ZHENG, P.E.
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
☎ (808) 545-4599 | 📠 (808)-729-0889

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From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>

Sent: Thursday, October 30, 2025 6:02 AM

To: Wendi Zheng <Wendi.Zheng@pcshi.com>

Cc: Deepak Parmar <Deepak.Parmar@alliancetg.com>

Subject: Re: Lab accreditation

Hi Wendi,

Thank you for confirming the details and for sending over the signed quote.

I'm cc'ing Deepak, who will be the Project Manager for this effort moving forward. He will coordinate all logistics, including sample container requests, shipping, and the electronic Chain of Custody (COC) file you mentioned.

Quick question: I'm assuming these samples are aqueous in nature — a mixture of fuel and water. Could you please confirm whether we are analyzing **both layers** or **just the water layer**? Once I have that clarification, I'll be able to advise on the appropriate bottles and the volume required.

Please feel free to reach out to Deepak directly for any operational or scheduling needs for future projects. I'll remain available for any technical questions or support as needed.

Looking forward to a smooth and successful collaboration.



There's a better way.

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900

Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

https://link.edgepilot.com/s/8e045bd1/3hoWQKEVuU_2ThghfACkYQ?u=http://

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Thursday, October 30, 2025 11:41 AM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Reza Tand <Reza.Tand@AllianceTG.com>
Subject: RE: Lab accreditation

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Hi Mohammad,

Thank you very much for the quick response. Attached is the signed quote. Please see below answers highlighted.

Can you please let me know what sample containers you will need for the testing? Can you send me an electronic COC file?

1. Will you require a **Level 1 or Level 2 data package?** Level 2
2. Do you need any **Electronic Data Deliverables (EDD)?** Not for this project
3. For **PAH analysis**, do you need **low-level detection limits** or standard limits? Standard limits.

Mahalo,

WENDI ZHENG, P.E.

Sr. Environmental Engineer



Pacific Commercial Services, Inc.

☎ (808) 545-4599 | 📠 (808)-729-0889

✉ Wendi.Zheng@pcshi.com | 🌐 www.pcschi.com

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From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>

Sent: Thursday, October 30, 2025 5:21 AM

To: Wendi Zheng <Wendi.Zheng@pcshi.com>

Cc: Reza Tand <Reza.Tand@AllianceTG.com>

Subject: Re: Lab accreditation

Hi Wendi,

It's a pleasure to meet you, and thank you for reaching out.

Our New Jersey lab is DOD certified and fully equipped to perform the analyses you listed for the fuel and water mixture sample. Please see the attached quote for your review.

To ensure we process your samples accurately and efficiently upon arrival, could you please confirm the following:

1. Will you require a **Level 1 or Level 2 data package**?
2. Do you need any **Electronic Data Deliverables (EDD)**?
3. For **PAH analysis**, do you need **low-level detection limits** or standard limits?

We look forward to working with you and supporting your project needs.



There's a better way.

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900

Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

<https://link.edgepilot.com/s/5b101028/ q3snDVeGECVDnZabnQYg?u=http://>

From: Reza Tand <Reza.Tand@AllianceTG.com>
Sent: Thursday, October 30, 2025 10:28 AM
To: wendi.zheng@pcshi.com <wendi.zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Cc: Amy Getz <Amy.Getz@alliancetg.com>; Jennifer Woolf <Jennifer.Woolf@AllianceTG.com>
Subject: RE: Lab accreditation

Hi Wendi ,

Our Ohio lab is not DOD certified but our NJ location is DOD certified .

I have the NJ lab director (Mohammad) included here which will provide a quote for your request .

[@Mohammad Ahmed](#) please process Wendi's request for cost proposal .

Thanks,

Reza

Reza Tand (He/Him)

Lab Director



Tel: 330-253-8211

Fax: 330-253-4489

Mobile: 774-329-9164

Address: 3310, Win St, Cuyahoga falls, Ohio 44223

<https://link.edgepilot.com/s/5b101028/g3snDVeGECVDnZabnQYg?u=http://www.alliancetg.com/>

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Please note, my new email address will be Reza.Tand@alliancetg.com. Please ask your IT department to whitelist the following domain from which you could receive email contact from Alliance to ensure emails do not go into the SPAM file: AllianceTG.com

From: Wendi Zheng <Wendi.Zheng@pcshi.com>
Sent: Wednesday, October 29, 2025 3:16 PM
To: Amy Getz <Amy.getz@alliancetg.com>
Cc: Jennifer Woolf <jennifer.woolf@alliancetg.com>
Subject: FW: Lab accreditation

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Hi Amy,

Could you please let me know if your lab is DOD accredited? We have a fuel and water mixture sample need testing as below. Thank you.

- Water

Mahalo,

WENDI ZHENG, P.E.

Sr. Environmental Engineer



Pacific Commercial Services, Inc.

☎ (808) 545-4599 | 📠 (808)-729-0889

✉ Wendi.Zheng@pcshi.com | 🌐 www.pcsi.com

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From: Wendi Zheng

Sent: Wednesday, October 29, 2025 9:13 AM

To: Jennifer Woolf <jennifer.woolf@alliancetg.com>

Subject: Lab accreditation

Hi Jennifer,

Could you please let me know if your lab is DOD accredited? We have a fuel and water mixture sample need testing as below. Thank you.

- TPH G/D/O
- VOC
- PCB
- Priority metals, including RCRA 8 metals
- TCLP RCRA 8 metals
- Flash point (please let me know if your lab can run this test)
- pH
- PAH

Mahalo,

WENDI ZHENG, P.E.

Sr. Environmental Engineer



Pacific Commercial Services, Inc.

☎ (808) 545-4599 | 📠 (808)-729-0889

✉ Wendi.Zheng@pcshi.com | 🌐 www.pcsi.com

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Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3574	PACI01	Order Date : 11/7/2025 10:02:13 AM	Project Mgr : Deepak
Client Name : Pacific Commercial Service		Project Name : Kilo Pier	Report Type : Level 2
Client Contact : Wendi Zheng		Receive DateTime : 11/7/2025 9:40:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Pacific Commercial Service		Purchase Order :	Hard Copy Date :
Invoice Contact : Wendi Zheng			Date Signoff : 11/7/2025 11:34:12 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3574-01	304641-01 Liquid	Water	11/04/2025	08:45					
					Gasoline Range Organics		8015D		10 Bus. Days

Relinquished By : af

Date / Time : 11/7/25 11:45

Received By : Seemy

Date / Time : 11/07/25 11:45

Storage Area : VOA Refridgerator Room

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3574	PACI01	Order Date : 11/7/2025 10:02:13 AM	Project Mgr : Deepak
Client Name : Pacific Commercial Service		Project Name : Kilo Pier	Report Type : Level 2
Client Contact : Wendi Zheng		Receive DateTime : 11/7/2025 9:40:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Pacific Commercial Service		Purchase Order :	Hard Copy Date :
Invoice Contact : Wendi Zheng			Date Signoff : 11/7/2025 11:34:12 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3574-01	304641-01 Liquid	Water	11/04/2025	08:45	VOC-TCLVOA-10		8260-Low		10 Bus. Days

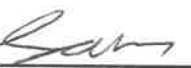
Relinquished By :

Date / Time :


11/7/25 11:45

Received By :

Date / Time :


11/7/25 11:45 Pg # 4

Storage Area : VOA Refridgerator Room