Analytical Data Package

Prepared by:

Pace Analytical Services

Pace Project No.: 10638993

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

January 09, 2023

Kim Kesler-Arnold
Stantec Consulting Services Inc.
27280 Haggerty Road
Suite C-11
Farmington, MI 48331

RE: Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Dear Kim Kesler-Arnold:

Enclosed are the analytical results for sample(s) received by the laboratory on January 06, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Martha Hansen
martha.hansen@pacelabs.com
(612)607-6451
Project Manager

Enclosures

cc: Environmental Standards, Inc., Environmental Standards, Inc.
Cassidy Sutherland, Stantec
Michael Winkler, Stantec
Brigid Zvirbulis, Stantec

REPORT OF LABORATORY ANALYSIS

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project:	Cumberland Fossil Plant (CUF)
Pace Project No.:	10638993

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
A2LA Certification #: 2926.01*
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
GMP+ Certification #: GMP050884
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10638993001	**CUF-WS-CUFPV-002-20230104**	Water	01/04/23 13:20	01/06/23 08:50
10638993002	**CUF-WS-DUP01-20230104**	Water	01/04/23 00:00	01/06/23 08:50
10638993003	**CUF-WS-FB01-20230104**	Water	01/04/23 14:40	01/06/23 08:50
10638993004	**CUF-WS-TUB01-20230104**	Water	01/04/23 18:20	01/06/23 08:50

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SAMPLE ANALYTE COUNT

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10638993001	**CUF-WS-CUFPV-002-20230104**	EPA 200.8	NN2	1	PASI-M
		EPA 200.8	NN2	1	PASI-M
		EPA 300.0	AR3	2	PASI-M
10638993002	**CUF-WS-DUP01-20230104**	EPA 200.8	NN2	1	PASI-M
		EPA 200.8	NN2	1	PASI-M
		EPA 300.0	AR3	2	PASI-M
10638993003	**CUF-WS-FB01-20230104**	EPA 200.8	NN2	1	PASI-M
		EPA 200.8	NN2	1	PASI-M
		EPA 300.0	AR3	2	PASI-M
10638993004	**CUF-WS-TUB01-20230104**	EPA 200.8	NN2	1	PASI-M
		EPA 200.8	NN2	1	PASI-M
		EPA 300.0	AR3	2	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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PROJECT NARRATIVE

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Method: **EPA 200.8**
Description: 200.8 MET ICPMS
Client: TVA_Stantec
Date: January 09, 2023

General Information:
4 samples were analyzed for EPA 200.8 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 200.8 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Method: **EPA 200.8**
Description: 200.8 MET ICPMS, Lab Filtered
Client: TVA_Stantec
Date: January 09, 2023

General Information:
4 samples were analyzed for EPA 200.8 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 200.8 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Method: **EPA 300.0**
Description: 300.0 IC Anions
Client: TVA_Stantec
Date: January 09, 2023

General Information:
4 samples were analyzed for EPA 300.0 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Sample: CUF-WS-CUFPV-002-20230104 **Lab ID: 10638993001** Collected: 01/04/23 13:20 Received: 01/06/23 08:50 Matrix: Water

Comments: • Well ID : Rye Spring

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron	**20.3**	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 19:19	7440-42-8	
200.8 MET ICPMS, Lab Filtered	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron, Dissolved	**18.7**	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 18:03	7440-42-8	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis								
Chloride	**6.5**	mg/L	1.2	0.39	1		01/07/23 00:50	16887-00-6	
Sulfate	**55.3**	mg/L	1.2	0.43	1		01/07/23 00:50	14808-79-8	

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ANALYTICAL RESULTS

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Sample: CUF-WS-DUP01-20230104 **Lab ID: 10638993002** Collected: 01/04/23 00:00 Received: 01/06/23 08:50 Matrix: Water
Comments: • Well ID : Rye Spring

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron	**18.3**	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 18:33	7440-42-8	
200.8 MET ICPMS, Lab Filtered	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron, Dissolved	**16.8**	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 18:48	7440-42-8	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis								
Chloride	**6.6**	mg/L	1.2	0.39	1		01/07/23 02:03	16887-00-6	
Sulfate	**55.4**	mg/L	1.2	0.43	1		01/07/23 02:03	14808-79-8	

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ANALYTICAL RESULTS

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Sample: CUF-WS-FB01-20230104 **Lab ID: 10638993003** Collected: 01/04/23 14:40 Received: 01/06/23 08:50 Matrix: Water
Comments: • Well ID : Rye Spring

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron	ND	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 18:39	7440-42-8	
200.8 MET ICPMS, Lab Filtered	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron, Dissolved	ND	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 18:54	7440-42-8	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis								
Chloride	ND	mg/L	1.2	0.39	1		01/07/23 02:17	16887-00-6	
Sulfate	ND	mg/L	1.2	0.43	1		01/07/23 02:17	14808-79-8	

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ANALYTICAL RESULTS

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Sample: CUF-WS-TUB01-20230104 **Lab ID: 10638993004** Collected: 01/04/23 18:20 Received: 01/06/23 08:50 Matrix: Water
Comments: • Well ID : Rye Spring

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron	ND	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 18:42	7440-42-8	
200.8 MET ICPMS, Lab Filtered	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Minneapolis								
Boron, Dissolved	ND	ug/L	10.0	4.5	1	01/06/23 11:34	01/06/23 18:58	7440-42-8	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis								
Chloride	ND	mg/L	1.2	0.39	1		01/07/23 02:32	16887-00-6	
Sulfate	ND	mg/L	1.2	0.43	1		01/07/23 02:32	14808-79-8	

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QUALITY CONTROL DATA

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

QC Batch: 861649
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10638993001, 10638993002, 10638993003, 10638993004

METHOD BLANK: 4551433 Matrix: Water
Associated Lab Samples: 10638993001, 10638993002, 10638993003, 10638993004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Boron	ug/L	ND	10.0	4.5	01/06/23 19:13	

LABORATORY CONTROL SAMPLE: 4551434

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron	ug/L	100	101	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4551435 4551436

Parameter	Units	10638993001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron	ug/L	20.3	100	100	119	118	98	98	70-130	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

QC Batch: 861667
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET Dissolved
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10638993001, 10638993002, 10638993003, 10638993004

METHOD BLANK: 4551549 Matrix: Water
Associated Lab Samples: 10638993001, 10638993002, 10638993003, 10638993004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Boron, Dissolved	ug/L	ND	10.0	4.5	01/06/23 17:57	

LABORATORY CONTROL SAMPLE: 4551550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron, Dissolved	ug/L	100	104	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4551551 4551552

Parameter	Units	10638993001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron, Dissolved	ug/L	18.7	100	100	117	117	98	99	70-130	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

QC Batch: 861716
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10638993001, 10638993002, 10638993003, 10638993004

METHOD BLANK: 4551955 Matrix: Water
Associated Lab Samples: 10638993001, 10638993002, 10638993003, 10638993004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.2	0.39	01/07/23 03:15	
Sulfate	mg/L	ND	1.2	0.43	01/07/23 03:15	

LABORATORY CONTROL SAMPLE: 4551956

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.6	101	90-110	
Sulfate	mg/L	50	51.8	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4551957 4551958

Parameter	Units	10638993001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.5	50	50	57.2	57.6	101	102	80-120	1	20	
Sulfate	mg/L	55.3	50	50	102	102	94	94	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Cumberland Fossil Plant (CUF)
Pace Project No.: 10638993

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10638993001	**CUF-WS-CUFPV-002-20230104**	EPA 200.8	861649	EPA 200.8	861714
10638993002	**CUF-WS-DUP01-20230104**	EPA 200.8	861649	EPA 200.8	861714
10638993003	**CUF-WS-FB01-20230104**	EPA 200.8	861649	EPA 200.8	861714
10638993004	**CUF-WS-TUB01-20230104**	EPA 200.8	861649	EPA 200.8	861714
10638993001	**CUF-WS-CUFPV-002-20230104**	EPA 200.8	861667	EPA 200.8	861715
10638993002	**CUF-WS-DUP01-20230104**	EPA 200.8	861667	EPA 200.8	861715
10638993003	**CUF-WS-FB01-20230104**	EPA 200.8	861667	EPA 200.8	861715
10638993004	**CUF-WS-TUB01-20230104**	EPA 200.8	861667	EPA 200.8	861715
10638993001	**CUF-WS-CUFPV-002-20230104**	EPA 300.0	861716		
10638993002	**CUF-WS-DUP01-20230104**	EPA 300.0	861716		
10638993003	**CUF-WS-FB01-20230104**	EPA 300.0	861716		
10638993004	**CUF-WS-TUB01-20230104**	EPA 300.0	861716		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Chain-of-Custody/Analytical Request Document
Legal Document - All relevant fields must be complete and accurate

v01

TVA

Program(s): CCR ☐ RI ☐ WIM ☐ State Compliance ☑ Consent Decree ☐ Interim GW ☐

Cooler No: of 2 **Page No:** 1 of 1
COC No: COC_CUF_20230104_1A
Task Code: CUF_WUS_20230104
Edit Task? ✓

Lab Information:		Project Information:		Sampler Information:	
Lab Name:	Pace Minneapolis	Site Name:	Cumberland Fossil Plant (CUF)	Sampling Company:	STANTEC
Lab Address:	1700 Elm Street SE - Ste 200 Minneapolis, MN 55414	Site Address:	815 Cumberland City Rd Cumberland City, TN 37050	Sampling Company Address:	601 Grassmere Park Road Nashville, TN 37211
Lab PM:	Martha Hansen Martha.Hansen@pacelabs.com 612-607-6451	Site PM:	Dominic Norman dcnorman0@tva.gov 775-762-8807	Sampler Name:	TV, AW
				Team Number:	1
Lab PO:				Turn-Around Time:	5 Business Days

Send EDD/Hard Copy to: tva_deliverables@envstd.com

ITEM #	SAMPLE ID	SAMPLE LOCATION	MATRIX CODE	SAMPLE TYPE	SAMPLE DATE	SAMPLE TIME	# OF CONTAINERS	COMMENTS LAB SAMPLE ID	Filter? Y/N	Preservative: None	Preservative: HNO3	Preservative: HNO3	Analysis: CUF_CCR/STATE_ANIONS_ALK	Analysis: CUF_CCR/STATE_METALS	Analysis: CUF_CCR/STATE_METALS_DISS	
1	CUF-WS-CUFPV-002-20230104	Rye Spring	SW	N	01/04/2023	1320	18	Hold bottles noted on sample labels, Mi					X	X	X	001
2	CUF-WS-DUP01-20230104	Rye Spring	SW	FD	01/04/2023	NA	6	Hold bottles noted on sample labels					x	x	x	002
3	CUF-WS-FB01-20230104	Rye Spring	WQ	FB	01/04/2023	1440	4	Hold bottles noted on sample labels					x	x	x	003
4	CUF-WS-TUB01-20230104	Rye Spring	WQ	TB	01/04/2023	1820	4	Hold bottles noted on sample labels					x	x	x	004
5																
6																
7																
8																
9																
10																
11																
12																
13																

FU 1/5/23

FU 1/5/23

WO#: 10638993
10638993

Additional Comments/Special Instructions:
Additional volume collected should be used for MS/MSDs. Dissolved metals samples should be lab filtered.

Manually Edit Sample IDs? ✓

RELINQUISHED BY	AFFILIATION	DATE	TIME	ACCEPTED BY	AFFILIATION	DATE	TIME
VanEgtern, Trenton (Digitally signed by VanEgtern, Trenton Date: 2023.01.05 11:09:36 -06'00')	Stantec	01/05/2023	12:00	Evan Quiton	Pace	1-6-23	8:50

SHIPPING METHOD: (Select Appropriate)	SAMPLER NAME	SIGNATURE
FedEx	Trenton VanEgtern	VanEgtern, Trenton (Digitally signed by VanEgtern, Trenton Date: 2023.01.05 11:09:54 -06'00')

Sample Receipt Conditions			
☐Yes ☐No	☐Yes ☐No	☐Yes ☐No	☐Yes ☐No
☐Yes ☐No	☐Yes ☐No	☐Yes ☐No	☐Yes ☐No
Temperature in °C	Sample on Ice?	Sample Intact?	Trip Blank?

Chain-of-Custody/Analytical Request Document
Legal Document - All relevant fields must be complete and accurate

v01

TVA

Program(s)

CCR ☐	RI ☐	State Compliance ☑	Interim GW ☐
	WIM ☐	Consent Decree ☐	

Cooler No: of 2 **Page No:** 1 of 1
COC No: COC_CUF_20230104_1A
Task Code: CUF_WUS_20230104
Edit Task? ✓

Lab Information:		**Project Information:**		**Sampler Information:**	
Lab Name:	Pace Minneapolis	**Site Name:**	Cumberland Fossil Plant (CUF)	**Sampling Company:**	STANTEC
Lab Address:	1700 Elm Street SE - Ste 200 Minneapolis, MN 55414	**Site Address:**	815 Cumberland City Rd Cumberland City, TN 37050	**Sampling Company Address:**	601 Grassmere Park Road Nashville, TN 37211
Lab PM:	Martha Hansen Martha.Hansen@pacelabs.com 612-607-6451	**Site PM:**	Dominic Norman dcnorman0@tva.gov 775-762-8807	**Sampler Name:**	TV, AW
				Team Number:	1
Lab PO:				**Turn-Around Time:**	5 Business Days

Send EDD/Hard Copy to: tva_deliverables@envstd.com

ITEM #	SAMPLE ID	SAMPLE LOCATION	MATRIX CODE	SAMPLE TYPE	SAMPLE DATE	SAMPLE TIME	# OF CONTAINERS	COMMENTS LAB SAMPLE ID	Filter? Y/N	N	N	N
									Preservative	None	HNO3	HNO3
									Analysis	CUF_CCR/STATE_ANIONS_ALK	CUF_CCR/STATE_METALS	CUF_CCR/STATE_METALS_DISS
1	CUF-WS-CUFPV-002-20230104	Rye Spring	SW	N	01/04/2023	1320	18	Hold bottles noted on sample labels, MS/MSD		X	X	X
2	CUF-WS-DUP01-20230104	Rye Spring	SW	FD	01/04/2023	NA	6	Hold bottles noted on sample labels		x	x	x
3	CUF-WS-FB01-20230104	Rye Spring	WQ	FB	01/04/2023	1440	4	Hold bottles noted on sample labels		x	x	x
4	CUF-WS-TUB01-20230104	Rye Spring	WQ	TB	01/04/2023	1820	4	Hold bottles noted on sample labels		x	x	x
5												
6												
7												
8												
9												
10												
11												
12												
13												

TV 1/5/23

1/5/23

Additional Comments/Special Instructions:
Additional volume collected should be used for MS/MSDs. Dissolved metals samples should be lab filtered.

Manually Edit Sample IDs? ✓

RELINQUISHED BY	AFFILIATION	DATE	TIME	ACCEPTED BY	AFFILIATION	DATE	TIME
VanEgtern, Trenton (Digitally signed by VanEgtern, Trenton Date: 2023.01.05 11:09:36 -06'00')	Stantec	01/05/2023	12:00	[signature]	Pace	1-6-23	8:30

SHIPPING METHOD: (Select Appropriate)	SAMPLER NAME	SIGNATURE
FedEx	Trenton VanEgtern	VanEgtern, Trenton (Digitally signed by VanEgtern, Trenton Date: 2023.01.05 11:09:54 -06'00')

Sample Receipt Conditions

Temperature in °C	Sample on Ice?	Sample Intact?	Trip Blank?
2.1	☑Yes ☐No	☑Yes ☐No	☐Yes ☑No
	☐Yes ☐No	☐Yes ☐No	☐Yes ☐No

DC#_Title: ENV-FRM-MIN4-0149 v05_Sample Condition Upon Receipt (SCUR) - ESI
Effective Date:

Sample Condition Upon Receipt - ESI Tech Specs

Client Name: TVA

Project #: WO#: 10638993
PM: MKH Due Date: 01/20/23
CLIENT: Stantec-MI

Courier: ☑ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 5405 1815 3639

☑ See Exceptions ENV-FRM-MIN4-0142

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other **Temp Blank?** ☐ Yes ☑ No

Thermometer: ☑ T1 (0461) ☐ T2 (1336) ☐ T3 (0459) ☐ T4 (0254) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☐ T8 (0775) ☐ 01339252/1710

Type of Ice: ☑ Wet ☐ Blue ☐ Dry ☐ None ☐ Melted

Temp should be above freezing to 6 °C **Cooler temp Read w/Temp Blank:** _____ °C

Correction Factor: True **Cooler Temp Corrected w/temp blank:** _____ °C

Average Corrected Temp (no temp blank only): _____ °C
☑ See Exceptions ENV-FRM-MIN4-0142 ☐ 1 Container

USDA Regulated Soil: (☑ N/A, water sample/other: _____) **Date/Initials of Person Examining Contents:** EC 1-6-23

Did samples originate in a quarantine zone within the United States: AL, AR, AZ CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

Location (Check one): ☐ Duluth ☑ Minneapolis ☐ Virginia		**COMMENTS**
Chain of Custody Present and Filled Out?	☑ Yes ☐ No	1.
Chain of Custody Relinquished?	☑ Yes ☐ No	2.
Sampler Name and/or Signature on COC?	☑ Yes ☐ No ☐ N/A	3.
Samples Arrived within Hold Time?	☑ Yes ☐ No	4.
Short Hold Time Analysis (<72 hr)?	☐ Yes ☑ No	5. ☐ Fecal Coliform ☐ HPC ☐ Total Coliform/E.coli ☐ BOD/cBOD ☐ Hex Chrom ☐ Turbidity ☐ Nitrate ☐ Nitrite ☐ Orthophos ☐ Other _____
Rush Turn Around Time Requested?	☑ Yes ☐ No	6. 5 days
Sufficient Sample Volume?	☑ Yes ☐ No	7.
Triple Volume Provided for MS/MSD (if more than 10 samples)?	☐ Yes ☐ No ☑ N/A	
Correct Containers Used?	☑ Yes ☐ No	8.
-Pace Containers Used?	☑ Yes ☐ No	
Containers Intact?	☑ Yes ☐ No	9.
Field Filtered Volume Received for Dissolved Tests?	☐ Yes ☐ No ☑ N/A	10. Is sediment visible in the dissolved container? ☐ Yes ☐ No
Is sufficient information available to reconcile the samples to the COC? Matrix: ☑ Water ☐ Soil ☐ Oil ☐ Other	☑ Yes ☐ No	11. **If no, write ID/Date/Time of container below:** ☐ See Exceptions ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked?	☑ Yes ☐ No ☐ N/A	12. Sample # 001-004
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO3, H2SO4, <2pH, NaOH >9 Sulfide, NaOH>10 Cyanide)	☑ Yes ☐ No ☐ N/A	☐ NaOH ☑ HNO3 ☐ H2SO4 ☐ Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxins/PFAS (*If adding preservative to a container, it must be added to associated field and equipment blanks--verify with PM first.)	☐ Yes ☐ No ☑ N/A	Positive for Residual Chlorine? ☐ Yes ☐ No ☐ See Exceptions ENV-FRM-MIN4-0142
		pH Paper Lot # Residual Chlorine: 0-6 Roll 208422; 0-6 Strip; 0-14 Strip
Extra labels present on soil VOA or WIDRO containers?	☐ Yes ☐ No ☑ N/A	13. ☐ See Exceptions ENV-FRM-MIN4-0142
Headspace in VOA Vials (greater than 6mm)?	☐ Yes ☐ No ☑ N/A	
3 Trip Blanks Present?	☐ Yes ☐ No ☑ N/A	14.
Trip Blank Custody Seals Present?	☐ Yes ☐ No ☑ N/A	Pace Trip Blank Lot # (if purchased): _____

Temp Log: Temp must be maintained at <6°C during login, record temp every 20 mins		
Opened Time: 9:30	Temp: 2.1/3.1 °C	Corrected Temp: 2.1/3.1 °C
Time:	put in cooler	
Time:	Temp:	Corrected Temp:

CLIENT NOTIFICATION/RESOLUTION **Field Date Required?** ☐ Yes ☐ No
Person Contacted: _____ Date/Time: _____
Comments/Resolution: No analytes listed on COC. Samples logged per MAG list on file.

Project Manager Review: _____ **Date:** 1/6/23

NOTE: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled By: EC / ED **Line:** 2

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-MIN4-0142 v02_Sample Condition Upon Receipt (SCUR) Exception Form
	Effective Date: 09/22/2022

Workorder #: _____

No Temp Blank		
Read Temp	Corrected Temp	Average temp
2.1	2.1	2.1
1.6	1.6	
1.9	1.9	
2.9	2.9	

PM Notified of Out of Temp Cooler? ☐ Yes ☐ No

If yes, indicate who was contacted, date and time.
If no, indicate reason why.

_____

Multiple Cooler Project? ☐ Yes ☐ No

If anything is OVER 6.0° C, you MUST document containers in this section HERE

Tracking Number	Temperature
5405 1815 3639	2.1
5405 1825 1832	3.1

Out of Temp Sample ID	Container Type	# of Containers

pH Adjustment Log for Preserved Samples

Sample ID	Type Of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance After Addition?		Initials
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	
								☐ Yes	☐ No	

Comments:

_____

_____

_____

Qualtrax ID: 52763

Page 1 of 1

SAMPLE NO.

CUF-WS-CUFPV-002-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993001 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
7440-42-8	Boron	20.3		ug/L	1	01/06/2023 19:19
7440-42-8	Boron, Dissolved	18.7		ug/L	1	01/06/2023 18:03

SAMPLE NO.

CUF-WS-DUP01-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993002 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
7440-42-8	Boron	18.3		ug/L	1	01/06/2023 18:33
7440-42-8	Boron, Dissolved	16.8		ug/L	1	01/06/2023 18:48

SAMPLE NO.

CUF-WS-FB01-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993003 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
7440-42-8	Boron	ND	U	ug/L	1	01/06/2023 18:39
7440-42-8	Boron, Dissolved	ND	U	ug/L	1	01/06/2023 18:54

SAMPLE NO.

CUF-WS-TUB01-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993004 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
7440-42-8	Boron	ND	U	ug/L	1	01/06/2023 18:42
7440-42-8	Boron, Dissolved	ND	U	ug/L	1	01/06/2023 18:58

FORM II INORGANIC-1

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Initial Calibration Verification Source: 403101

Continuing Calibration Verification Source: 403101

Concentration Units: ug/L Instrument ID: 10ICMB

	Initial Calibration Verification				Continuing Calibration Verification						
	01/06/2023 13:59				01/06/2023 14:27			01/06/2023 17:09			Control Limit
Analyte	True	Found	%R	Control Limit	True	Found	%R	True	Found	%R	
Boron	80	82.9	103.6	90-110	80	82.1	102.6	80	86.0	107.5	90-110

FORM II INORGANIC-2

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Initial Calibration Verification Source:

Continuing Calibration Verification Source: 403101

Concentration Units: ug/L Instrument ID: 10ICMB

	Continuing Calibration Verification									
	01/06/2023 17:47			01/06/2023 18:27			01/06/2023 19:07			Control Limit
Analyte	True	Found	%R	True	Found	%R	True	Found	%R	
Boron	80	85.8	107.2	80	83.6	104.5	80	82.4	103.0	90-110

FORM II INORGANIC-3

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Initial Calibration Verification Source:

Continuing Calibration Verification Source: 403101

Concentration Units: ug/L Instrument ID: 10ICMB

	Continuing Calibration Verification						
	01/06/2023 19:42			01/06/2023 19:57			Control Limit
Analyte	True	Found	%R	True	Found	%R	
Boron	80	83.2	103.9	80	80.8	101.0	90-110

FORM II INORGANIC-1

CRDL CHECK STANDARD

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

CRDL Check Standard Source: 403100 Analysis Date/Time: 01/06/2023 14:05

Concentration Units: ug/L

Analyte	CRDL Check Standard			
	True	Found	%R	Control Limit %R
Boron	10.0	12.4	124.3	80-120

FORM II INORGANIC-1

CRDL CHECK STANDARD

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

CRDL Check Standard Source: 403100 Analysis Date/Time: 01/06/2023 17:14

Concentration Units: ug/L

Analyte	CRDL Check Standard			
	True	Found	%R	Control Limit %R
Boron	10.0	10.7	107.0	80-120

FORM II INORGANIC-1

CRDL CHECK STANDARD

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

CRDL Check Standard Source: 403100 Analysis Date/Time: 01/06/2023 19:48

Concentration Units: ug/L

Analyte	CRDL Check Standard			
	True	Found	%R	Control Limit %R
Boron	10.0	11.0	110.3	80-120

FORM III INORGANIC-1

BLANKS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract : Cumberland Fossil Plant (CUF)

Method Blank Matrix: Water Instrument ID: 10ICMB

Method Blank Concentration Units: ug/L

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Method Blank	
	01/06/2023 14:02	C	01/06/2023 14:30	C	01/06/2023 17:11	C	01/06/2023 17:50	C	4551549	C
Boron	4.5	U	4.5	U	4.5	U	4.5	U	ND	U

FORM III INORGANIC-2

BLANKS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract : Cumberland Fossil Plant (CUF)

Method Blank Matrix: Water Instrument ID: 10ICMB

Method Blank Concentration Units: ug/L

Analyte	Initial Calibration Blank		Continuing Calibration Blank (ug/L)						Method Blank	
		C	01/06/2023 18:30	C	01/06/2023 19:10	C	01/06/2023 19:45	C	4551433	C
Boron			4.5	U	4.5	U	4.5	U	ND	U

FORM III INORGANIC-3

BLANKS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract : Cumberland Fossil Plant (CUF)

Method Blank Matrix: Instrument ID: 10ICMB

Method Blank Concentration Units:

Analyte	Initial Calibration Blank		Continuing Calibration Blank (ug/L)					
		C	01/06/2023 19:59	C		C		C
Boron			4.5	U				

FORM IV INORGANIC-1
INTERFERENCE CHECK SAMPLE

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Instrument ID: 10ICMB Solution A Run Date: 01/06/2023 14:08

ICS Source: 403099,403098 Solution AB Run Date: 01/06/2023 14:25

Concentration Units: ug/L

Analyte	True		Found				
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Limits
Aluminum	25000	27500	25863.695	103.5	28053.743	102	80-120
Boron		100	4.1737		89.7514	89.8	80-120
Calcium	25000	27500	25555.848	102.2	28541.400	103.8	80-120
Iron	25000	26250	26077.062	104.3	27864.028	106.1	80-120
Magnesium	25000	27500	25564.462	102.3	27815.614	101.1	80-120
Molybdenum	500	600	509.3202	101.9	637.5855	106.3	80-120
Potassium	25000	27500	25540.541	102.2	27852.954	101.3	80-120
Sodium	25000	27500	26654.461	106.6	28066.640	102.1	80-120
Titanium	500	600	495.4872	99.1	619.9698	103.3	80-120

FORM IV INORGANIC-2
INTERFERENCE CHECK SAMPLE

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Instrument ID: 10ICMB Solution A Run Date: 01/06/2023 19:51

ICS Source: 403099,403098 Solution AB Run Date: 01/06/2023 19:54

Concentration Units: ug/L

Analyte	True		Found				
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Limits
Aluminum	25000	27500	25678.765	102.7	28222.041	102.6	80-120
Boron		100	0.6135		95.5249	95.5	80-120
Calcium	25000	27500	25132.299	100.5	27730.315	100.8	80-120
Iron	25000	26250	25635.005	102.5	27043.461	103	80-120
Magnesium	25000	27500	25476.284	101.9	28113.595	102.2	80-120
Molybdenum	500	600	501.6501	100.3	603.8449	100.6	80-120
Potassium	25000	27500	24980.797	99.9	27318.836	99.3	80-120
Sodium	25000	27500	26417.890	105.7	28635.115	104.1	80-120
Titanium	500	600	494.1511	98.8	589.6697	98.3	80-120

SAMPLE NO.

4551551MS

FORM V INORGANIC-1

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Basis: Wet Parent Sample ID: CUF-WS-CUFPV-002-

Percent Moisture: _____

Analyte	Units	Control Limit %R	Spiked Sample Result (SSR)	Sample Result (SR)	Spike Added (SA)	%R
Boron, Dissolved	ug/L	70-130	117	18.7	100	98

SAMPLE NO.

4551552MSD

FORM V INORGANIC-2

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Basis: Wet Parent Sample ID: CUF-WS-CUFPV-002-

Percent Moisture: _____

Analyte	Units	Control Limit %R	Spiked Sample Result (SSR)	Sample Result (SR)	Spike Added (SA)	%R
Boron, Dissolved	ug/L	70-130	117	18.7	100	99

SAMPLE NO.

4551435MS

FORM V INORGANIC-1

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Basis: Wet Parent Sample ID: CUF-WS-CUFPV-002-

Percent Moisture: _____

Analyte	Units	Control Limit %R	Spiked Sample Result (SSR)	Sample Result (SR)	Spike Added (SA)	%R
Boron	ug/L	70-130	119	20.3	100	98

SAMPLE NO.

4551436MSD

FORM V INORGANIC-2

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Basis: Wet Parent Sample ID: CUF-WS-CUFPV-002-

Percent Moisture: _____

Analyte	Units	Control Limit %R	Spiked Sample Result (SSR)	Sample Result (SR)	Spike Added (SA)	%R
Boron	ug/L	70-130	118	20.3	100	98

SAMPLE NO.

4551552MSD

FORM VI INORGANIC-1
DUPLICATES

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Concentration Units: ug/L

Percent Moisture: Basis: Wet

Analyte	RPD Control Limit	Sample	Duplicate	RPD
Boron, Dissolved	20	117	117	0

SAMPLE NO.

4551436MSD

FORM VI INORGANIC-1
DUPLICATES

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Concentration Units: ug/L

Percent Moisture: Basis: Wet

Analyte	RPD Control Limit	Sample	Duplicate	RPD
Boron	20	119	118	1

SAMPLE NO.

4551550LCS

FORM VII INORGANIC-1
LABORATORY CONTROL SAMPLE

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water

Analyte	Units	True	Found	%R	Limits	
Boron, Dissolved	ug/L	100	104	104	85	115

SAMPLE NO.

4551434LCS

FORM VII INORGANIC-1
LABORATORY CONTROL SAMPLE

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water

Analyte	Units	True	Found	%R	Limits	
Boron	ug/L	100	101	101	85	115

SAMPLE NO.

4551936SD

FORM VIII INORGANIC-1
SERIAL DILUTIONS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Matrix: Water Parent Sample ID: CUF-WS-CUFPV-002-20230104

Analyte	Units	Initial Sample Result	Serial Dilution Result	% Difference	Control Limit %D
Boron, Dissolved	ug/L	18.7	25.0J	33.2*	10

* Indicates that the % Difference exceeds the control limit.
No difference is calculated if either result is a non-detect.

01/10/2023 08:48

SAMPLE NO.

4551932SD

FORM VIII INORGANIC-1
SERIAL DILUTIONS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Matrix: Water Parent Sample ID: CUF-WS-CUFPV-002-20230104

Analyte	Units	Initial Sample Result	Serial Dilution Result	% Difference	Control Limit %D
Boron	ug/L	20.3	25.1J	23.6*	10

* Indicates that the % Difference exceeds the control limit.
No difference is calculated if either result is a non-detect.

01/10/2023 08:48

FORM IX INORGANIC-1
INSTRUMENT DETECTION LIMITS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Preparation Method: None Instrument ID: 10ICMB

Concentration Units: ug/L

Analyte	PQL	IDL	IDL Date
Boron	10.0	4.5	08/08/2022

FORM IX INORGANIC-2
METHOD DETECTION LIMITS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Preparation Method: EPA 200.8 Instrument ID: 10ICMB

Concentration Units: ug/L

Analyte	PQL	MDL	MDL Date
Boron	10.0	4.5	08/08/2022

FORM XI - INORGANIC-1
LINEAR DYNAMIC RANGES

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract : Cumberland Fossil Plant

Instrument ID: 10ICMB Effective Date:09/12/2021

Analyte	Concentration (ug/L)
Boron	450

FORM XII INORGANIC-1

PREPARATION LOG

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Preparation Method: EPA 200.8 Batch: MPRP 131124

Lab Sample ID	Sample Name	Preparation Date	Initial Volume (mL)	Final Volume (mL)
4551549	4551549	01/06/2023	25	25
4551550	4551550	01/06/2023	25	25
4551551	4551551	01/06/2023	25	25
4551552	4551552	01/06/2023	25	25
10638993001	CUF-WS-CUFPV-002-	01/06/2023	25	25
10638993002	CUF-WS-DUP01-20230104	01/06/2023	25	25
10638993003	CUF-WS-FB01-20230104	01/06/2023	25	25
10638993004	CUF-WS-TUB01-20230104	01/06/2023	25	25

FORM XII INORGANIC-1

PREPARATION LOG

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Preparation Method: EPA 200.8 Batch: MPRP 131123

Lab Sample ID	Sample Name	Preparation Date	Initial Volume (mL)	Final Volume (mL)
4551433	4551433	01/06/2023	25	25
4551434	4551434	01/06/2023	25	25
4551435	4551435	01/06/2023	25	25
4551436	4551436	01/06/2023	25	25
10638993001	CUF-WS-CUFPV-002-	01/06/2023	25	25
10638993002	CUF-WS-DUP01-20230104	01/06/2023	25	25
10638993003	CUF-WS-FB01-20230104	01/06/2023	25	25
10638993004	CUF-WS-TUB01-20230104	01/06/2023	25	25

FORM XIII INORGANIC-1
ANALYSIS RUN LOG

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Instrument ID: 10ICMB Analysis Method: EPA 200.8

Start Date: 01/06/2023 13:34 End Date: 01/06/2023 19:59

Sample Name	Lab Sample ID	D/F	Date	Time	B
31819804CAL0	31819804CAL0	1	01/06/2023	13:34	X
31819805CAL1	31819805CAL1	1	01/06/2023	13:38	X
31819806CAL2	31819806CAL2	1	01/06/2023	13:41	X
31819807CAL3	31819807CAL3	1	01/06/2023	13:44	X
31819808CAL4	31819808CAL4	1	01/06/2023	13:48	X
31819809CAL5	31819809CAL5	1	01/06/2023	13:51	X
31819810CAL6	31819810CAL6	1	01/06/2023	13:53	X
31819811CAL7	31819811CAL7	1	01/06/2023	13:56	X
31819812ICV	31819812ICV	1	01/06/2023	13:59	X
31819813ICB	31819813ICB	1	01/06/2023	14:02	X
31819814CRDL	31819814CRDL	1	01/06/2023	14:05	X
31819815ICSA	31819815ICSA	1	01/06/2023	14:08	X
31819816ICSAB	31819816ICSAB	1	01/06/2023	14:25	X
31819817CCV	31819817CCV	1	01/06/2023	14:27	X
31819818CCB	31819818CCB	1	01/06/2023	14:30	X
31819843CCV	31819843CCV	1	01/06/2023	17:09	X
31819844CCB	31819844CCB	1	01/06/2023	17:11	X
31819845CRDL	31819845CRDL	1	01/06/2023	17:14	X
31819846CCV	31819846CCV	1	01/06/2023	17:47	X
31819847CCB	31819847CCB	1	01/06/2023	17:50	X
4551549BLANK	4551549	1	01/06/2023	17:57	X
4551550LCS	4551550	1	01/06/2023	18:00	X
CUF-WS-CUFPV-002-	10638993001	1	01/06/2023	18:03	X
4551936SD	4551936	5	01/06/2023	18:09	X
4551551MS	4551551	1	01/06/2023	18:12	X
4551552MSD	4551552	1	01/06/2023	18:14	X
4551935PDS	4551935	20	01/06/2023	18:21	
4551936SD	4551936	100	01/06/2023	18:24	
31819851CCV	31819851CCV	1	01/06/2023	18:27	X
31819852CCB	31819852CCB	1	01/06/2023	18:30	X
CUF-WS-DUP01-20230104	10638993002	1	01/06/2023	18:33	X
CUF-WS-FB01-20230104	10638993003	1	01/06/2023	18:39	X
CUF-WS-TUB01-20230104	10638993004	1	01/06/2023	18:42	X
CUF-WS-DUP01-20230104	10638993002	1	01/06/2023	18:48	X
CUF-WS-FB01-20230104	10638993003	1	01/06/2023	18:54	X
CUF-WS-TUB01-20230104	10638993004	1	01/06/2023	18:58	X
31819858CCV	31819858CCV	1	01/06/2023	19:07	X
31819859CCB	31819859CCB	1	01/06/2023	19:10	X
4551433BLANK	4551433	1	01/06/2023	19:13	X
4551434LCS	4551434	1	01/06/2023	19:16	X
CUF-WS-CUFPV-002-	10638993001	1	01/06/2023	19:19	X
4551932SD	4551932	5	01/06/2023	19:24	X
4551435MS	4551435	1	01/06/2023	19:27	X
4551436MSD	4551436	1	01/06/2023	19:30	X
4551932SD	4551932	100	01/06/2023	19:39	

FORM XIII INORGANIC-2

ANALYSIS RUN LOG

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Instrument ID: 10ICMB Analysis Method: EPA 200.8

Start Date: 01/06/2023 13:34 End Date: 01/06/2023 19:59

Sample Name	Lab Sample ID	D/F	Date	Time	B
31819864CCV	31819864CCV	1	01/06/2023	19:42	X
31819865CCB	31819865CCB	1	01/06/2023	19:45	X
31819866CRDL	31819866CRDL	1	01/06/2023	19:48	X
31819867ICSA	31819867ICSA	1	01/06/2023	19:51	X
31819868ICSAB	31819868ICSAB	1	01/06/2023	19:54	X
31819869CCV	31819869CCV	1	01/06/2023	19:57	X
31819870CCB	31819870CCB	1	01/06/2023	19:59	X

US EPA 200.8/6020 Tune Check Report

Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\010623.b
Report Comment	10ICMB JFB
Instrument Name	G8421A JP16120262

[He]

Sensitivity

Mass	Count	RSD%	RSD%(Rqd)	RSD%(Flag)	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	215	1.298	5.000		216	215	216	219	211
24	2244	0.314	5.000		2239	2252	2236	2243	2251
25	331	1.048	5.000		331	333	331	326	335
26	417	0.794	5.000		414	420	419	413	419
59	17426	0.609	5.000		17255	17445	17545	17465	17420
115	16771	0.860	5.000		16642	16589	16842	16900	16880
206	6123	1.389	5.000		6005	6064	6160	6206	6179
207	5134	0.756	5.000		5079	5107	5153	5162	5168
208	12972	1.166	5.000		12803	12827	13028	13048	13153

Integration Time [sec] 0.1

Resolution/Axis

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)	W-5%	W-5% (Required)	W-5% (Flag)
9	354.40	8.95	8.90 - 9.10		0.784	0.900	
24	3714.47	23.95	23.90 - 24.10		0.763	0.900	
25	542.01	24.95	24.90 - 25.10		0.746	0.900	
26	708.09	25.95	25.90 - 26.10		0.780	0.900	
59	29380.99	58.95	58.90 - 59.10		0.783	0.900	
115	31578.81	115.05	114.90 - 115.10		0.731	0.900	
206	11370.34	206.05	205.90 - 206.10		0.744	0.900	
207	9464.44	207.05	206.90 - 207.10		0.744	0.900	
208	23475.37	208.05	207.90 - 208.10		0.772	0.900	

Integration Time [sec] 0.1 Acquisition Time [sec] 212.5 Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.35 L/min
RF Power	1550 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.50 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.7 V	Deflect	-1.0 V
Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	4.5 mL/min	OctP Bias	-20.0 V		
H2 Flow	0.0 mL/min	OctP RF	200 V		

US EPA 200.8/6020 Tune Check Report

Acq/Data Batch	C:\Agilent\ICPMH\1\DATA\010623.b
Report Comment	10ICMB JFB
Instrument Name	G8421A JP16120262

[H2]

Sensitivity

Mass	Count	RSD%	RSD%(Rqd)	RSD%(Flag)	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1059	1.125	5.000		1053	1055	1044	1070	1072
24	12246	1.781	5.000		12616	12202	12198	12182	12034
25	1751	1.814	5.000		1799	1759	1756	1723	1721
26	2147	1.923	5.000		2213	2158	2110	2139	2116
59	12711	2.806	5.000		13237	12841	12710	12402	12365
115	38170	3.806	5.000		40269	38837	37996	37187	36559
206	7878	4.354	5.000		8412	7931	7868	7681	7498
207	6546	3.437	5.000		6872	6632	6529	6426	6273
208	16299	4.064	5.000		17200	16752	16000	15989	15555

Integration Time [sec] 0.1

Resolution/Axis

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)	W-5%	W-5% (Required)	W-5% (Flag)
9	1754.43	8.95	8.90 - 9.10		0.784	0.900	
24	20298.54	23.90	23.90 - 24.10		0.773	0.900	
25	2872.15	24.95	24.90 - 25.10		0.748	0.900	
26	3558.03	25.90	25.90 - 26.10		0.777	0.900	
59	21381.51	58.95	58.90 - 59.10		0.783	0.900	
115	73001.94	115.05	114.90 - 115.10		0.761	0.900	
206	14397.02	206.05	205.90 - 206.10		0.789	0.900	
207	12031.03	207.00	206.90 - 207.10		0.787	0.900	
208	29394.07	208.00	207.90 - 208.10		0.795	0.900	

Integration Time [sec] 0.1 Acquisition Time [sec] 212.5 Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.35 L/min
RF Power	1550 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.50 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	8.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.7 V	Deflect	2.4 V
Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-18.0 V		
H2 Flow	3.5 mL/min	OctP RF	200 V		

FORM XV INORGANIC-1

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Instrument ID: 10ICMB Start Date: 01/06/2023 13:34 End Date: 01/06/2023 19:59

Sample Name	Time	GE-72	Ge-72-IS1	In-115	Ir-193-IS	Sc-45-IS	Sc-45-IS1	Tb-159
31819804CAL0	13:34	100.0	100.0	100.0	100.0	100.0	100.0	100.0
31819805CAL1	13:38	100.5	101.7	100.3	100.4	98.9	100.2	100.1
31819806CAL2	13:41	100.5	102.4	101.5	99.9	98.7	101.5	100.7
31819807CAL3	13:44	101.8	101.3	100.2	100.6	100.0	101.4	101.5
31819808CAL4	13:48	100.9	101.3	100.2	100.0	98.1	101.3	100.6
31819809CAL5	13:51	98.3	100.5	98.6	102.1	95.6	100.5	100.7
31819810CAL6	13:53	96.1	101.3	96.7	102.0	95.2	102.7	101.1
31819811CAL7	13:56	95.4	100.7	91.9	94.8	93.2	106.1	98.4
31819812ICV	13:59	99.8	103.4	100.6	102.7	96.1	101.6	101.9
31819813ICB	14:02	95.2	98.5	99.7	102.4	92.6	98.4	100.7
31819814CRDL	14:05	96.3	98.8	98.8	103.6	92.7	97.9	101.9
31819815ICSA	14:08	95.0	77.9	95.2	99.1	92.8	78.0	99.1
31819816ICSAB	14:25	94.9	110.3	96.5	104.1	89.8	108.9	104.5
31819817CCV	14:27	98.3	104.8	101.1	109.6	92.8	102.0	108.2
31819818CCB	14:30	94.1	99.7	97.1	109.7	90.9	98.9	104.1
31819843CCV	17:09	90.9	98.1	95.0	109.8	86.7	97.3	103.8
31819844CCB	17:11	90.1	97.6	95.3	108.1	86.4	95.8	100.7
31819845CRDL	17:14	90.6	97.9	93.3	108.3	86.5	96.3	101.1
31819846CCV	17:47	91.9	99.9	94.6	110.1	86.7	99.9	103.3
31819847CCB	17:50	90.5	96.3	93.3	109.1	86.6	96.2	102.9
4551549	17:57	92.1	101.0	99.2	115.3	86.7	100.1	107.2
4551550	18:00	92.8	101.1	95.6	111.7	85.5	99.3	105.5
CUF-WS-CUFPV-002-	18:03	90.2	99.5	94.3	108.9	85.0	101.2	102.3
4551936	18:09	91.5	99.2	95.0	110.8	86.2	98.4	104.3
4551551	18:12	89.5	98.9	91.9	108.2	84.9	102.3	102.6
4551552	18:14	90.2	98.4	94.3	108.6	85.5	101.1	102.4
4551935	18:21	90.4	100.3	95.6	111.9	85.5	98.5	104.6
4551936	18:24	91.6	101.0	96.6	110.6	85.1	97.3	104.3
31819851CCV	18:27	90.8	98.1	94.9	111.6	85.0	98.2	103.7
31819852CCB	18:30	89.7	95.5	93.5	109.6	84.0	95.4	102.0
CUF-WS-DUP01-	18:33	88.8	99.0	93.4	108.1	84.9	102.5	101.9
CUF-WS-FB01-	18:39	88.9	97.1	96.0	111.9	84.4	97.5	102.7
CUF-WS-TUB01-	18:42	89.2	97.5	93.6	110.6	84.4	96.5	102.0
CUF-WS-DUP01-	18:48	88.9	100.6	94.3	107.9	84.3	102.0	103.9
CUF-WS-FB01-	18:54	89.6	95.9	94.4	111.5	85.4	96.5	103.8
CUF-WS-TUB01-	18:58	89.9	97.4	95.5	112.3	84.4	96.2	103.5
31819858CCV	19:07	89.6	98.8	94.4	109.6	84.5	97.0	103.7
31819859CCB	19:10	88.2	95.1	94.5	109.9	83.9	94.9	101.6
4551433	19:13	89.2	95.7	94.9	112.0	84.4	96.3	102.7
4551434	19:16	90.2	97.0	94.3	111.4	84.0	97.3	103.2

FORM XV INORGANIC-2

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Instrument ID: 10ICMB Start Date: 01/06/2023 13:34 End Date: 01/06/2023 19:59

Sample Name	**Time**	GE-72	Ge-72-IS1	In-115	Ir-193-IS	Sc-45-IS	Sc-45-IS1	Tb-159
CUF-WS-CUFPV-002-	19:19	88.0	96.8	92.9	106.4	83.8	99.8	101.7
4551932	19:24	90.1	99.3	93.0	110.6	83.9	99.0	104.4
4551435	19:27	88.2	97.1	91.8	106.2	83.9	100.5	102.7
4551436	19:30	88.2	97.1	93.3	106.9	84.4	101.0	100.9
4551932	19:39	89.4	99.1	93.8	110.5	84.2	98.0	102.2
31819864CCV	19:42	89.2	97.6	94.3	109.0	84.1	98.6	103.4
31819865CCB	19:45	87.1	96.5	93.1	109.8	82.7	95.3	101.6
31819866CRDL	19:48	88.2	94.3	93.8	109.3	83.3	93.7	102.4
31819867ICSA	19:51	86.6	97.7	91.3	106.4	82.5	99.8	103.1
31819868ICSAB	19:54	88.1	97.0	91.9	104.4	83.9	99.8	101.1
31819869CCV	19:57	91.4	98.2	95.0	110.9	85.5	99.6	103.8
31819870CCB	19:59	89.9	96.9	97.2	108.7	85.0	96.2	102.0

Calibration for 006CALS.d

Batch Folder: C:\Agilent\ICPMH\1\DATA\010623.b\
Analysis File: 010623.batch.bin
DA Date-Time: 1/9/2023 12:12:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	CAL 0	1/6/2023 13:34:39
2	005CALS.d	CAL 1	1/6/2023 13:38:16
3	006CALS.d	CAL 2	1/6/2023 13:41:36
4	007CALS.d	CAL 3	1/6/2023 13:44:54
5	008CALS.d	CAL 4	1/6/2023 13:48:04
6	009CALS.d	CAL 5	1/6/2023 13:51:00
7	010CALS.d	CAL 6	1/6/2023 13:53:47
8	011CALS.d	CAL 7	1/6/2023 13:56:34

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	59.50	0.0000	P	6.1	
2	☐	0.5000	0.5161	1256.22	0.0003	P	2.1	3.2
3	☐	10.0000	9.9239	23360.89	0.0047	P	1.8	-0.8
4	☐	50.0000	49.9370	117239.64	0.0237	P	2.8	-0.1
5	☐	100.0000	101.7443	238490.95	0.0483	P	1.0	1.7
6	☐	250.0000	256.5339	596552.65	0.1218	P	1.2	2.6
7	☐	500.0000	496.3920	1179082.83	0.2356	A	1.8	-0.7
8	☐			1018.54	0.0002	P	1.6	

y = 4.7458E-004 * x + 1.2207E-005
R = 0.9999
DL = 0.004719 ppb
BEC = 0.02572 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	13.83	0.0000	P	9.8	
2	☐	0.2000	0.2264	361.50	0.0001	P	4.2	13.
3	☐	10.0000	10.0976	15719.42	0.0032	P	1.4	1.0
4	☐	50.0000	50.6799	78797.53	0.0159	P	1.9	1.4
5	☐	100.0000	101.4661	157517.51	0.0319	P	1.3	1.5
6	☐	250.0000	252.5448	388976.54	0.0794	P	1.3	1.0
7	☐	500.0000	498.3645	784027.39	0.1567	A	2.8	-0.3
8	☐			488.84	0.0001	P	0.9	

y = 3.1436E-004 * x + 2.8405E-006
R = 1.0000
DL = 0.002656 ppb
BEC = 0.009036 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	1326.56	0.0003	P	1.2	
2	☐	10.0000	9.9722	14570.25	0.0030	P	0.5	-0.3
3	☐	10.0000	10.0390	14845.69	0.0030	P	1.8	0.4
4	☐	50.0000	49.9004	68406.95	0.0138	P	2.7	-0.2
5	☐	100.0000	101.0373	136955.58	0.0277	P	0.9	1.0
6	☐	250.0000	252.6432	337743.74	0.0689	P	2.0	1.1
7	☐	500.0000	498.4807	679483.21	0.1358	P	2.0	-0.3
8	☐			9080.82	0.0018	P	4.7	

y = 2.7181E-004 * x + 2.7204E-004
R = 1.0000
DL = 0.03593 ppb
BEC = 1.001 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	23684.44	0.0273	P	1.0	
2	☐	50.0000	57.0784	167246.66	0.1949	P	1.1	14.
3	☐	250.0000	263.8779	686482.02	0.8019	P	0.7	5.6
4	☐	1250.0000	1269.4979	3256058.08	3.7540	A	1.6	1.6
5	☐	2500.0000	2526.6473	6336983.03	7.4444	A	1.2	1.1
6	☐	6250.0000	6288.8566	15333451.44	18.4886	A	1.7	0.6
7	☐	12500.000	12671.236	30747592.88	37.2245	A	1.7	1.4
8	☐	50000.000	49950.437	118608141.5	146.659	A	0.6	-0.1

y = 0.0029 * x + 0.0273
R = 1.0000
DL = 0.2914 ppb
BEC = 9.301 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	436.68	0.0005	P	17.3	
2	☐	30.0000	32.4852	46558.28	0.0542	P	0.7	8.3
3	☐	250.0000	253.3328	359189.56	0.4196	P	0.6	1.3
4	☐	1250.0000	1265.1299	1815863.83	2.0934	A	0.3	1.2
5	☐	2500.0000	2501.9735	3524033.70	4.1396	A	0.9	0.1
6	☐	6250.0000	6192.5967	8496891.12	10.2450	A	1.4	-0.9
7	☐	12500.000	12416.271	16965941.42	20.5409	A	0.5	-0.7
8	☐	50000.000	50027.612	66936549.00	82.7618	A	1.4	0.1

y = 0.0017 * x + 5.0337E-004
R = 1.0000
DL = 0.1582 ppb
BEC = 0.3043 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	1646.10	0.0019	P	2.7	
2	☐	30.0000	34.9268	23325.78	0.0272	P	0.3	16.
3	☐	250.0000	256.2047	160367.07	0.1873	P	0.5	2.5
4	☐	1250.0000	1273.1825	800954.56	0.9234	P	1.0	1.9
5	☐	2500.0000	2536.8198	1564645.34	1.8380	A	0.7	1.5
6	☐	6250.0000	6223.3676	3737772.50	4.5063	A	0.3	-0.4
7	☐	12500.000	12426.067	7430124.83	8.9958	A	1.4	-0.6
8	☐	50000.000	50019.357	29280780.67	36.2054	A	0.5	0.0

y = 7.2379E-004 * x + 0.0019
R = 1.0000
DL = 0.209 ppb
BEC = 2.622 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	80416.13	0.0558	P	1.5	
2	☐	100.0000	106.1829	559021.79	0.3819	P	0.3	6.2
3	☐	125.0000	132.6170	682497.71	0.4631	P	2.4	6.1
4	☐	625.0000	666.8226	3068168.92	2.1034	A	0.6	6.7
5	☐	1250.0000	1327.2298	6023210.33	4.1312	A	1.1	6.2
6	☐	3125.0000	3210.9883	14351213.00	9.9154	A	0.5	2.8
7	☐	6250.0000	6187.1263	27784423.33	19.0538	A	2.1	-1.0
8	☑	25000.000		106029610.6	73.1404	A	1.7	

y = 0.0031 * x + 0.0558
R = 0.9998
DL = 0.822 ppb
BEC = 18.19 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	40773.18	0.0470	P	1.7	
2	☐	100.0000	104.9015	183023.88	0.2132	P	0.7	4.9
3	☐	250.0000	256.1502	387720.76	0.4529	P	0.7	2.5
4	☐	1250.0000	1293.7739	1819013.36	2.0972	A	1.3	3.5
5	☐	2500.0000	2592.8299	3537854.95	4.1559	A	0.8	3.7
6	☐	6250.0000	6189.8178	8174867.17	9.8560	A	0.4	-1.0
7	☐	12500.000	12220.277	16033401.43	19.4124	A	0.9	-2.2
8	☐	50000.000	50071.677	64209910.71	79.3955	A	1.2	0.1

y = 0.0016 * x + 0.0470
R = 1.0000
DL = 1.518 ppb
BEC = 29.66 ppb

Weight: <None>
Min Conc: <None>

Calibration for 006CALS.d

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	21.74	0.0000	P	12.6	
2	☐	100.0000	106.9306	451.85	0.0005	P	2.4	6.9
3	☐	250.0000	255.4224	1046.80	0.0012	P	1.1	2.2
4	☐	1250.0000	1317.6985	5381.41	0.0062	P	1.0	5.4
5	☐	2500.0000	2619.8627	10479.61	0.0123	P	1.8	4.8
6	☐	6250.0000	6381.7521	24842.06	0.0300	P	0.9	2.1
7	☐	12500.000	12756.726	49432.71	0.0598	P	0.7	2.1
8	☐	50000.000	49911.622	189317.14	0.2341	P	0.6	-0.2

y = 4.6894E-006 * x + 2.5058E-005
R = 1.0000
DL = 2.023 ppb
BEC = 5.343 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	5.00	0.0000	P	60.0	
2	☐	1.0000	1.0218	493.68	0.0006	P	1.8	2.2
3	☐	10.0000	10.1023	4824.49	0.0056	P	1.4	1.0
4	☐	50.0000	49.9202	24134.03	0.0278	P	2.0	-0.2
5	☐	100.0000	100.5169	47692.71	0.0560	P	0.8	0.5
6	☐	250.0000	250.8999	115979.13	0.1398	P	0.5	0.4
7	☐	500.0000	499.4525	229905.66	0.2784	P	0.7	-0.1
8	☐			420.68	0.0005	P	3.7	

y = 5.5730E-004 * x + 5.7653E-006
R = 1.0000
DL = 0.01863 ppb
BEC = 0.01035 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	20.53	0.0000	P	191.	
2	☐	1.0000	0.9622	12191.63	0.0254	P	3.4	-3.8
3	☐	10.0000	10.2039	129026.26	0.2687	P	0.9	2.0
4	☐	50.0000	50.8116	651037.75	1.3377	P	0.5	1.6
5	☐	100.0000	103.8220	1318345.28	2.7332	A	3.0	3.8
6	☐	250.0000	248.3009	3069171.77	6.5367	A	1.7	-0.7
7	☑	500.0000		5968457.25	12.9901	A	1.1	
8	☐			3931.39	0.0086	P	12.1	

y = 0.0263 * x + 4.3046E-005
R = 0.9998
DL = 0.009386 ppb
BEC = 0.001635 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	1965.48	0.0041	P	5.1	
2	☐	2.0000	2.0953	35676.02	0.0743	P	0.7	4.8
3	☐	10.0000	10.2682	167079.87	0.3479	P	0.7	2.7
4	☐	50.0000	51.3481	838689.00	1.7233	P	0.6	2.7
5	☐	100.0000	102.8043	1662218.09	3.4460	A	1.9	2.8
6	☐	250.0000	247.7164	3896046.83	8.2977	A	1.2	-0.9
7	☐	500.0000	500.4404	7699947.67	16.7590	A	0.9	0.1
8	☐			11888.36	0.0261	P	2.7	

y = 0.0335 * x + 0.0041
R = 1.0000
DL = 0.01862 ppb
BEC = 0.1229 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	349.34	0.0007	P	8.7	
2	☐	0.5000	0.6079	6614.22	0.0138	P	2.2	21.
3	☐	10.0000	10.2740	106169.11	0.2211	P	0.7	2.7
4	☐	50.0000	50.9671	532315.48	1.0938	P	0.2	1.9
5	☐	100.0000	103.3715	1069793.89	2.2176	A	2.1	3.4
6	☐	250.0000	247.9369	2496904.42	5.3179	A	1.9	-0.8
7	☐	500.0000	500.2549	4929528.83	10.7291	A	0.6	0.1
8	☐			7952.25	0.0174	P	1.1	

y = 0.0214 * x + 7.3088E-004
R = 1.0000
DL = 0.008848 ppb
BEC = 0.03408 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	12791.14	0.0268	P	1.0	
2	☐	50.0000	54.2375	762218.54	1.5866	P	0.6	8.5
3	☐	125.0000	136.1353	1893178.79	3.9419	A	1.5	8.9
4	☐	625.0000	644.3210	9031466.67	18.5568	A	0.7	3.1
5	☐	1250.0000	1304.4868	18110194.67	37.5425	A	0.9	4.4
6	☐	3125.0000	3150.7606	42558302.67	90.6394	A	1.1	0.8
7	☐	6250.0000	6417.9349	84818341.33	184.599	A	1.4	2.7
8	☐	25000.000	24951.524	327208501.3	717.606	A	1.0	-0.2

y = 0.0288 * x + 0.0268
R = 1.0000
DL = 0.02717 ppb
BEC = 0.9307 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	235.33	0.0005	P	2.4	
2	☐	0.5000	0.5516	13750.71	0.0286	P	1.1	10.
3	☐	10.0000	10.5074	257613.15	0.5364	P	0.6	5.1
4	☐	50.0000	51.9979	1291010.50	2.6526	A	1.5	4.0
5	☐	100.0000	104.5200	2571809.33	5.3314	A	0.6	4.5
6	☐	250.0000	246.8382	5911568.00	12.5902	A	0.6	-1.3
7	☐	500.0000	500.4669	11728373.00	25.5262	A	2.1	0.1
8	☐			21726.03	0.0476	P	0.7	

y = 0.0510 * x + 4.9240E-004
R = 0.9999
DL = 0.0006807 ppb
BEC = 0.009654 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	5593.13	0.0117	P	1.9	
2	☐	0.5000	0.6598	10019.56	0.0209	P	0.4	32.
3	☐	10.0000	10.2267	73750.26	0.1536	P	0.6	2.3
4	☐	50.0000	50.3865	345871.44	0.7107	P	0.7	0.8
5	☐	100.0000	100.6351	679053.19	1.4077	P	0.5	0.6
6	☐	250.0000	246.2452	1609358.25	3.4276	A	1.0	-1.5
7	☐	500.0000	501.7070	3202999.00	6.9713	A	1.1	0.3
8	☐			13222.88	0.0290	P	0.1	

y = 0.0139 * x + 0.0117
R = 1.0000
DL = 0.04695 ppb
BEC = 0.8437 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	731.35	0.0015	P	7.3	
2	☐	1.0000	1.1167	20709.87	0.0431	P	1.1	11.
3	☐	10.0000	10.3505	185807.82	0.3869	P	0.7	3.5
4	☐	50.0000	51.8032	939409.90	1.9302	P	0.7	3.6
5	☐	100.0000	101.5560	1824711.42	3.7826	A	1.3	1.6
6	☐	250.0000	249.0025	4353576.17	9.2722	A	1.5	-0.4
7	☑	500.0000		8452931.17	18.3975	A	1.1	
8	☐			8958.86	0.0196	P	0.3	

y = 0.0372 * x + 0.0015
R = 0.9999
DL = 0.008958 ppb
BEC = 0.04111 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	941.37	0.0020	P	1.2	
2	☐	5.0000	5.3270	18303.91	0.0381	P	1.2	6.5
3	☐	10.0000	10.1268	33934.18	0.0707	P	0.5	1.3
4	☐	50.0000	49.6556	164875.91	0.3388	P	0.2	-0.7
5	☐	100.0000	98.6901	323842.04	0.6714	P	1.4	-1.3
6	☐	250.0000	245.3299	782254.04	1.6660	P	0.7	-1.9
7	☐	500.0000	502.6257	1567301.59	3.4112	A	0.7	0.5
8	☐			4010.58	0.0088	P	2.7	

y = 0.0068 * x + 0.0020
R = 0.9999
DL = 0.01062 ppb
BEC = 0.2904 ppb

Weight: <None>
Min Conc: <None>

Calibration for 006CALS.d

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	79.50	0.0002	P	1.8	
2	☐	0.5000	0.5219	1127.22	0.0023	P	0.7	4.4
3	☐	10.0000	10.0796	20298.49	0.0423	P	1.0	0.8
4	☐	50.0000	49.7417	101194.25	0.2079	P	0.6	-0.5
5	☐	100.0000	99.0521	199650.26	0.4139	P	0.2	-0.9
6	☐	250.0000	247.1940	484869.34	1.0326	P	0.4	-1.1
7	☐	500.0000	501.6168	962699.91	2.0953	P	0.7	0.3
8	☐			891.36	0.0020	P	2.7	

y = 0.0042 * x + 1.6635E-004
R = 1.0000
DL = 0.00211 ppb
BEC = 0.03983 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	24.33	0.0000	P	21.1	
2	☐	0.5000	0.5403	543.68	0.0004	P	2.9	8.1
3	☐	10.0000	9.9448	9643.67	0.0065	P	3.4	-0.6
4	☐	50.0000	50.7327	48591.46	0.0333	P	1.3	1.5
5	☐	100.0000	101.9294	97563.66	0.0669	P	0.6	1.9
6	☐	250.0000	249.8370	237325.43	0.1640	P	0.6	-0.1
7	☐	500.0000	499.6234	478099.83	0.3279	P	0.7	-0.1
8	☐			391.34	0.0003	P	5.0	

y = 6.5625E-004 * x + 1.6910E-005
R = 1.0000
DL = 0.01629 ppb
BEC = 0.02577 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	156.67	0.0003	P	1.6	
2	☐	0.5000	0.5283	6138.08	0.0128	P	0.9	5.7
3	☐	10.0000	10.1850	115426.20	0.2403	P	0.8	1.8
4	☐	50.0000	50.6647	581209.35	1.1943	P	1.3	1.3
5	☐	100.0000	101.0211	1148526.52	2.3809	A	0.7	1.0
6	☐	250.0000	253.9719	2810361.63	5.9852	A	0.1	1.6
7	☐	500.0000	497.7396	5389502.84	11.7297	A	1.3	-0.5
8	☐			7455.40	0.0163	P	3.4	

y = 0.0236 * x + 3.2781E-004
R = 1.0000
DL = 0.0006754 ppb
BEC = 0.01391 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	35.33	0.0000	P	4.0	
2	☐	0.5000	0.5075	3811.20	0.0009	P	3.2	1.5
3	☐	10.0000	9.7871	73719.06	0.0178	P	2.0	-2.1
4	☐	50.0000	50.0448	372271.89	0.0907	P	1.7	0.1
5	☐	100.0000	99.2064	737588.87	0.1799	P	1.8	-0.8
6	☐	250.0000	249.4605	1825336.71	0.4523	A	2.8	-0.2
7	☐	500.0000	500.4282	3588700.17	0.9073	A	2.9	0.1
8	☐			2816.96	0.0007	P	6.2	

y = 0.0018 * x + 8.6352E-006
R = 1.0000
DL = 0.0005661 ppb
BEC = 0.004763 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	115.00	0.0000	P	14.3	
2	☐	0.5000	0.4941	5544.50	0.0014	P	3.3	-1.2
3	☐	10.0000	10.1268	112728.17	0.0271	P	0.2	1.3
4	☐	50.0000	52.1887	573370.16	0.1398	P	0.4	4.4
5	☐	100.0000	101.8385	1118327.43	0.2727	A	1.1	1.8
6	☐	250.0000	254.9894	2755425.59	0.6827	A	1.8	2.0
7	☐	500.0000	496.9162	5263336.69	1.3304	A	1.0	-0.6
8	☐			2231.87	0.0006	P	6.5	

y = 0.0027 * x + 2.8059E-005
R = 0.9999
DL = 0.004501 ppb
BEC = 0.01048 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	175.00	0.0000	P	4.1	
2	☐	0.5000	0.5968	12085.43	0.0029	P	3.9	19.
3	☐	5.0000	4.9849	100843.45	0.0243	P	1.8	-0.3
4	☐	25.0000	25.4229	507428.62	0.1237	P	1.1	1.7
5	☐	50.0000	50.3794	1004894.96	0.2451	P	0.5	0.8
6	☐	125.0000	124.7639	2449179.34	0.6068	A	1.1	-0.2
7	☑	250.0000		4682569.20	1.1836	A	0.6	
8	☐			3723.87	0.0010	P	5.9	

y = 0.0049 * x + 4.2774E-005
R = 1.0000
DL = 0.001078 ppb
BEC = 0.008795 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	22.33	0.0000	P	13.9	
2	☐	0.0800	0.0939	376.96	0.0001	P	3.3	17.
3	☐	10.0000	9.7588	37305.65	0.0090	P	1.4	-2.4
4	☐	50.0000	50.1811	189421.29	0.0462	P	1.0	0.4
5	☐	100.0000	98.7420	372515.84	0.0908	P	1.3	-1.3
6	☐	250.0000	245.6816	912295.14	0.2260	P	1.2	-1.7
7	☐	500.0000	502.3975	1828604.38	0.4622	A	1.7	0.5
8	☐			1544.14	0.0004	P	3.7	

y = 9.2000E-004 * x + 5.4623E-006
R = 0.9999
DL = 0.002475 ppb
BEC = 0.005937 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	380.01	0.0001	P	9.9	
2	☐	0.5000	0.4653	4045.63	0.0010	P	4.2	-6.9
3	☐	10.0000	9.6914	77625.88	0.0187	P	2.2	-3.1
4	☐	50.0000	49.9992	394118.63	0.0961	P	0.9	0.0
5	☐	100.0000	99.9214	786859.65	0.1919	P	1.2	-0.1
6	☐	250.0000	248.2863	1923970.49	0.4767	A	1.4	-0.7
7	☐	500.0000	500.8789	3803824.63	0.9615	A	1.4	0.2
8	☐			2865.33	0.0008	P	3.9	

y = 0.0019 * x + 9.2762E-005
R = 1.0000
DL = 0.01428 ppb
BEC = 0.04833 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	178.33	0.0000	P	10.3	
2	☐	0.5000	0.5224	5291.08	0.0013	P	3.0	4.5
3	☐	10.0000	9.7950	97161.40	0.0234	P	2.1	-2.1
4	☐	50.0000	49.9235	488532.08	0.1191	P	1.3	-0.2
5	☐	100.0000	100.0809	978702.80	0.2387	P	1.0	0.1
6	☐	250.0000	246.9241	2376529.60	0.5888	A	1.5	-1.2
7	☐	500.0000	501.5335	4731000.56	1.1959	A	1.0	0.3
8	☐			3910.59	0.0010	P	2.1	

y = 0.0024 * x + 4.3592E-005
R = 1.0000
DL = 0.005652 ppb
BEC = 0.01828 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	243.33	0.0000	P	8.6	
2	☐	0.3000	0.3336	6811.79	0.0008	P	2.9	11.
3	☐	10.0000	10.2129	202552.19	0.0240	P	0.3	2.1
4	☐	50.0000	51.8880	1036675.22	0.1216	P	0.9	3.8
5	☐	100.0000	104.6863	2072833.93	0.2452	A	0.9	4.7
6	☐	250.0000	250.3488	4958998.15	0.5864	A	1.7	0.1
7	☐	500.0000	498.6953	9915880.27	1.1681	A	1.0	-0.3
8	☐			7183.65	0.0009	P	2.7	

y = 0.0023 * x + 2.8974E-005
R = 1.0000
DL = 0.003202 ppb
BEC = 0.01237 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	152.67	0.0000	P	6.9	
2	☐	0.5000	0.4959	4662.18	0.0006	P	0.8	-0.8
3	☐	10.0000	9.8631	90385.80	0.0107	P	1.2	-1.4
4	☐	50.0000	49.1801	453845.47	0.0532	P	1.4	-1.6
5	☐	100.0000	100.4384	918414.48	0.1087	P	2.0	0.4
6	☐	250.0000	251.7897	2304140.17	0.2724	A	1.1	0.7
7	☐	500.0000	499.1022	4584057.83	0.5399	A	1.2	-0.2
8	☐			1886.81	0.0002	P	3.1	

y = 0.0011 * x + 1.8172E-005
R = 1.0000
DL = 0.003501 ppb
BEC = 0.0168 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	4.33	0.0000	P	58.5	
2	☐	0.1000	0.0953	396.01	0.0000	P	8.9	-4.7
3	☐	0.4000	0.3744	1553.43	0.0002	P	0.9	-6.4
4	☐	2.0000	1.9280	8047.51	0.0009	P	2.0	-3.6
5	☐	4.0000	3.9529	16343.99	0.0019	P	3.4	-1.2
6	☐	10.0000	9.8529	40767.39	0.0048	P	1.9	-1.5
7	☐	20.0000	20.0907	83438.29	0.0098	P	0.9	0.5
8	☐			660.02	0.0001	P	10.1	

y = 4.8920E-004 * x + 5.1678E-007
R = 1.0000
DL = 0.001854 ppb
BEC = 0.001056 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	1725.13	0.0002	P	3.9	
2	☐	0.1000	0.0988	4505.83	0.0005	P	2.4	-1.2
3	☐	5.0000	4.9781	142702.31	0.0169	P	1.5	-0.4
4	☐	25.0000	25.3029	724348.09	0.0849	P	1.1	1.2
5	☐	50.0000	51.2437	1451817.63	0.1718	A	2.7	2.5
6	☐	125.0000	126.2360	3576905.47	0.4229	A	2.2	1.0
7	☐	250.0000	249.1034	7083548.44	0.8344	A	1.0	-0.4
8	☐			5754.67	0.0007	P	6.0	

y = 0.0033 * x + 2.0536E-004
R = 1.0000
DL = 0.007227 ppb
BEC = 0.06132 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	671.68	0.0002	P	9.7	
2	☐	0.5000	0.5254	20573.22	0.0051	P	2.3	5.1
3	☐	10.0000	10.0185	378342.36	0.0945	P	1.2	0.2
4	☐	50.0000	50.9003	1933143.07	0.4792	P	0.8	1.8
5	☐	100.0000	103.6145	3907613.48	0.9754	A	1.3	3.6
6	☐	250.0000	250.2868	9641189.44	2.3559	A	1.0	0.1
7	☐	500.0000	499.0433	19190774.40	4.6972	A	3.4	-0.2
8	☐			19380.85	0.0051	P	2.9	

y = 0.0094 * x + 1.6754E-004
R = 1.0000
DL = 0.005185 ppb
BEC = 0.0178 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	393.34	0.0001	P	6.4	
2	☐	0.5000	0.5195	16620.82	0.0041	P	2.8	3.9
3	☐	10.0000	10.2084	317740.95	0.0793	P	2.0	2.1
4	☐	50.0000	51.8918	1625064.04	0.4029	A	0.5	3.8
5	☐	100.0000	104.7623	3257865.26	0.8133	A	2.8	4.8
6	☐	250.0000	248.1824	7883018.63	1.9265	A	2.2	-0.7
7	☐	500.0000	499.7630	15848174.76	3.8793	A	4.3	0.0
8	☐			10255.86	0.0027	P	3.1	

y = 0.0078 * x + 9.8094E-005
R = 0.9999
DL = 0.002423 ppb
BEC = 0.01264 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	218.33	0.0001	P	11.1	
2	☐	0.5000	0.4864	17023.23	0.0042	P	1.3	-2.7
3	☐	10.0000	9.5505	328612.96	0.0820	P	1.9	-4.5
4	☐	50.0000	50.2960	1741883.62	0.4319	A	1.3	0.6
5	☐	100.0000	101.2858	3483484.95	0.8696	A	3.2	1.3
6	☐	250.0000	244.3901	8588068.00	2.0982	A	1.6	-2.2
7	☐	500.0000	502.5272	17626063.90	4.3144	A	3.5	0.5
8	☐			11216.76	0.0030	P	6.2	

y = 0.0086 * x + 5.4463E-005
R = 0.9999
DL = 0.002118 ppb
BEC = 0.006344 ppb

Weight: <None>
Min Conc: <None>

Calibration for 006CALS.d

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.0000	0.0000	65.00	0.0000	P	13.7	
2	☐	0.5000	0.4948	17255.21	0.0043	P	0.8	-1.0
3	☐	10.0000	9.6712	334396.21	0.0835	P	1.6	-3.3
4	☐	50.0000	50.5387	1759627.27	0.4362	A	1.0	1.1
5	☐	100.0000	101.4943	3509669.84	0.8760	A	1.2	1.5
6	☐	250.0000	244.7525	8644823.00	2.1125	A	1.5	-2.1
7	☐	500.0000	502.2776	17713197.65	4.3353	A	2.9	0.5
8	☐			10929.83	0.0029	P	3.1	

y = 0.0086 * x + 1.6225E-005
R = 0.9999
DL = 0.0007741 ppb
BEC = 0.00188 ppb

Weight: <None>
Min Conc: <None>

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.0000		867461.06		P	0.1	
2	☐	1.0000		858291.00		P	0.7	
3	☐	1.0000		856035.29		P	0.1	
4	☐	1.0000		867398.44		M	0.9	
5	☐	1.0000		851302.90		P	1.0	
6	☐	1.0000		829437.19		P	1.0	
7	☐	1.0000		825965.67		P	0.7	
8	☐	1.0000		808745.31		P	0.5	

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.0000		4877109.00		A	2.2	
2	☐	1.0000		4885111.50		A	0.2	
3	☐	1.0000		4948367.33		A	1.7	
4	☐	1.0000		4946591.83		A	2.6	
5	☐	1.0000		4938460.67		A	1.5	
6	☐	1.0000		4900430.17		A	2.5	
7	☐	1.0000		5006631.17		A	3.0	
8	☐	1.0000		5175419.50		A	0.7	

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.0000		477902.52		P	0.4	
2	☐	1.0000		480416.62		P	0.7	
3	☐	1.0000		480257.26		P	0.3	
4	☐	1.0000		486686.82		P	0.4	
5	☐	1.0000		482382.36		P	0.4	
6	☐	1.0000		469546.43		P	0.4	
7	☐	1.0000		459464.54		P	0.5	
8	☐	1.0000		455950.73		P	1.2	

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.0000		1439881.54		A	0.5	
2	☐	1.0000		1463833.46		A	1.3	
3	☐	1.0000		1474076.54		A	1.1	
4	☐	1.0000		1458732.13		A	1.2	
5	☐	1.0000		1458106.17		A	1.2	
6	☐	1.0000		1447492.04		A	2.6	
7	☐	1.0000		1458229.67		A	2.5	
8	☐	1.0000		1449990.33		A	2.0	

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.0000		4092746.47		A	1.5	
2	☐	1.0000		4104836.95		A	1.5	
3	☐	1.0000		4153328.21		A	2.0	
4	☐	1.0000		4102719.76		A	0.8	
5	☐	1.0000		4100916.46		A	1.3	
6	☐	1.0000		4036495.80		A	1.2	
7	☐	1.0000		3956499.31		A	1.8	
8	☐	1.0000		3762239.85		A	0.4	

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.0000		8399983.00		A	0.5	
2	☐	1.0000		8405915.29		A	0.7	
3	☐	1.0000		8457061.96		A	1.1	
4	☐	1.0000		8528126.12		A	0.7	
5	☐	1.0000		8453659.67		A	2.2	
6	☐	1.0000		8457802.17		A	1.5	
7	☐	1.0000		8489274.46		A	0.9	
8	☐	1.0000		8265907.80		A	1.1	

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.0000		4008023.90		A	1.2	
2	☐	1.0000		4024710.77		A	1.3	
3	☐	1.0000		4005415.56		A	0.8	
4	☐	1.0000		4033606.50		A	0.6	
5	☐	1.0000		4006554.63		A	1.2	
6	☐	1.0000		4092517.23		A	1.2	
7	☐	1.0000		4087949.73		A	2.8	
8	☐	1.0000		3799387.65		A	1.4	

Sample Name	System Blank EPA 368068
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	001SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:25:20
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2			77.667
Be	9	2	H2			21.000
B	11	2	H2			1048.207
Na	23	1	He			25913.277
Mg	24	1	He			936.707
Al	27	1	He			1847.787
Si	28	2	H2			77796.617
K	39	1	He			46406.850
Ca	43	1	He			26.000
Ti	47	1	He			9.667
V	51	1	He			-268.130
Cr	52	1	He			2176.840
Mn	55	1	He			399.343
Fe	56	1	He			18782.773
Co	59	1	He			456.010
Ni	60	1	He			17464.170
Cu	63	1	He			792.023
Zn	66	1	He			882.033
As	75	1	He			97.500
Se	78	2	H2			30.667
Sr	88	1	He			131.667
Mo	95	1	He			270.003
Pd	105	1	He			596.687
Ag	107	1	He			215.000
Cd	111	1	He			23.307
Sn	118	1	He			600.020
Sb	121	1	He			198.333
Ba	138	1	He			335.010
Pt	195	1	He			174.667
Hg	202	1	He			6.333
Tl	205	1	He			1625.123
Pb	208	1	He			711.687
Bi	209	1	He			480.017
Th	232	1	He			773.360
U	238	1	He			186.670

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He		862034.917
Sc	45	2	H2		4916385.000
Ge	72	1	He		459508.503
Ge	72	2	H2		1429996.917
In	115	1	He		3837547.460
Tb	159	1	He		7862405.090
Ir	193	1	He		3587938.387

Sample Name	System Blank
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	002SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:28:27
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2			66.667
Be	9	2	H2			14.000
B	11	2	H2			1186.050
Na	23	1	He			24996.727
Mg	24	1	He			550.013
Al	27	1	He			1607.760
Si	28	2	H2			74902.060
K	39	1	He			42173.737
Ca	43	1	He			25.227
Ti	47	1	He			7.667
V	51	1	He			-218.570
Cr	52	1	He			1984.143
Mn	55	1	He			344.007
Fe	56	1	He			13548.483
Co	59	1	He			348.677
Ni	60	1	He			11474.033
Cu	63	1	He			670.020
Zn	66	1	He			910.030
As	75	1	He			83.667
Se	78	2	H2			22.333
Sr	88	1	He			116.667
Mo	95	1	He			56.000
Pd	105	1	He			126.667
Ag	107	1	He			183.333
Cd	111	1	He			24.327
Sn	118	1	He			296.673
Sb	121	1	He			190.000
Ba	138	1	He			278.337
Pt	195	1	He			170.000
Hg	202	1	He			6.000
Tl	205	1	He			3013.717
Pb	208	1	He			736.680
Bi	209	1	He			446.680
Th	232	1	He			290.007
U	238	1	He			46.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He		877518.813
Sc	45	2	H2		4963060.500
Ge	72	1	He		474158.323
Ge	72	2	H2		1452177.500
In	115	1	He		4006219.997
Tb	159	1	He		8101387.797
Ir	193	1	He		3836077.757

Sample Name	System Blank
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	003SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:31:33
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2			58.500
Be	9	2	H2			12.000
B	11	2	H2			1276.057
Na	23	1	He			23946.587
Mg	24	1	He			586.683
Al	27	1	He			1653.433
Si	28	2	H2			81937.037
K	39	1	He			40577.507
Ca	43	1	He			22.193
Ti	47	1	He			7.000
V	51	1	He			-178.207
Cr	52	1	He			2006.150
Mn	55	1	He			342.673
Fe	56	1	He			13735.347
Co	59	1	He			257.333
Ni	60	1	He			5911.917
Cu	63	1	He			705.357
Zn	66	1	He			803.360
As	75	1	He			88.667
Se	78	2	H2			27.333
Sr	88	1	He			125.000
Mo	95	1	He			42.000
Pd	105	1	He			138.333
Ag	107	1	He			186.667
Cd	111	1	He			18.000
Sn	118	1	He			303.340
Sb	121	1	He			153.333
Ba	138	1	He			245.003
Pt	195	1	He			157.333
Hg	202	1	He			7.000
Tl	205	1	He			2065.190
Pb	208	1	He			748.353
Bi	209	1	He			441.677
Th	232	1	He			175.000
U	238	1	He			70.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He		869519.833
Sc	45	2	H2		4942619.333
Ge	72	1	He		474748.373
Ge	72	2	H2		1473108.293
In	115	1	He		4024809.067
Tb	159	1	He		8274035.087
Ir	193	1	He		3847814.420

Sample Name	CAL 0
Sample Type	CalBlk
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	004CALB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:34:39
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.000000	N/A	59.500
Be	9	2	H2	0.000000	N/A	13.833
B	11	2	H2	0.000000	N/A	1326.560
Na	23	1	He	0.000000	N/A	23684.443
Mg	24	1	He	0.000000	N/A	436.677
Al	27	1	He	0.000000	N/A	1646.097
Si	28	2	H2	0.000000	N/A	80416.127
K	39	1	He	0.000000	N/A	40773.177
Ca	43	1	He	0.000000	N/A	21.737
Ti	47	1	He	0.000000	N/A	5.000
V	51	1	He	0.000000	N/A	20.527
Cr	52	1	He	0.000000	N/A	1965.477
Mn	55	1	He	0.000000	N/A	349.343
Fe	56	1	He	0.000000	N/A	12791.140
Co	59	1	He	0.000000	N/A	235.333
Ni	60	1	He	0.000000	N/A	5593.127
Cu	63	1	He	0.000000	N/A	731.353
Zn	66	1	He	0.000000	N/A	941.370
As	75	1	He	0.000000	N/A	79.500
Se	78	2	H2	0.000000	N/A	24.333
Sr	88	1	He	0.000000	N/A	156.667
Mo	95	1	He	0.000000	N/A	35.333
Pd	105	1	He	0.000000	N/A	115.000
Ag	107	1	He	0.000000	N/A	175.000
Cd	111	1	He	0.000000	N/A	22.333
Sn	118	1	He	0.000000	N/A	380.010
Sb	121	1	He	0.000000	N/A	178.333
Ba	138	1	He	0.000000	N/A	243.333
Pt	195	1	He	0.000000	N/A	152.667
Hg	202	1	He	0.000000	N/A	4.333
Tl	205	1	He	0.000000	N/A	1725.133
Pb	208	1	He	0.000000	N/A	671.680
Bi	209	1	He	0.000000	N/A	393.343
Th	232	1	He	0.000000	N/A	218.333
U	238	1	He	0.000000	N/A	65.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	100	867461.063
Sc	45	2	H2	100	4877109.000
Ge	72	1	He	100	477902.523
Ge	72	2	H2	100	1439881.540
In	115	1	He	100	4092746.467
Tb	159	1	He	100	8399983.000
Ir	193	1	He	100	4008023.900

Sample Name	CAL 1
Sample Type	CalStd
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	005CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:38:16
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.516137	2.2	1256.223
Be	9	2	H2	0.226355	4.3	361.503
B	11	2	H2	9.972155	0.5	14570.247
Na	23	1	He	57.078382	1.3	167246.663
Mg	24	1	He	32.485199	0.7	46558.280
Al	27	1	He	34.926841	0.3	23325.780
Si	28	2	H2	106.182909	0.4	559021.790
K	39	1	He	104.901546	0.9	183023.883
Ca	43	1	He	106.930576	2.5	451.850
Ti	47	1	He	1.021829	1.8	493.677
V	51	1	He	0.962243	3.4	12191.627
Cr	52	1	He	2.095256	0.7	35676.020
Mn	55	1	He	0.607926	2.3	6614.223
Fe	56	1	He	54.237518	0.6	762218.543
Co	59	1	He	0.551556	1.1	13750.710
Ni	60	1	He	0.659794	1.0	10019.563
Cu	63	1	He	1.116720	1.1	20709.873
Zn	66	1	He	5.326985	1.2	18303.907
As	75	1	He	0.521928	0.7	1127.217
Se	78	2	H2	0.540294	3.1	543.677
Sr	88	1	He	0.528284	0.9	6138.083
Mo	95	1	He	0.507486	3.3	3811.203
Pd	105	1	He	0.494098	3.4	5544.497
Ag	107	1	He	0.596808	4.0	12085.427
Cd	111	1	He	0.093850	3.5	376.963
Sn	118	1	He	0.465323	4.6	4045.630
Sb	121	1	He	0.522445	3.1	5291.080
Ba	138	1	He	0.333645	3.0	6811.787
Pt	195	1	He	0.495918	0.9	4662.183
Hg	202	1	He	0.095278	9.0	396.010
Tl	205	1	He	0.098756	3.9	4505.830
Pb	208	1	He	0.525402	2.4	20573.223
Bi	209	1	He	0.519522	2.9	16620.823
Th	232	1	He	0.486353	1.4	17023.233
U	238	1	He	0.494812	0.8	17255.213

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	98.94288434	858290.997
Sc	45	2	H2	100.1640828	4885111.500
Ge	72	1	He	100.5260696	480416.623
Ge	72	2	H2	101.6634643	1463833.457
In	115	1	He	100.2954124	4104836.950
Tb	159	1	He	100.0706226	8405915.290
Ir	193	1	He	100.4163366	4024710.773

Sample Name	CAL 2
Sample Type	CalStd
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	006CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:41:36
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	9.923894	1.8	23360.887
Be	9	2	H2	10.097650	1.4	15719.420
B	11	2	H2	10.038961	2.0	14845.690
Na	23	1	He	263.877856	0.7	686482.020
Mg	24	1	He	253.332842	0.6	359189.563
Al	27	1	He	256.204749	0.5	160367.067
Si	28	2	H2	132.616968	2.7	682497.707
K	39	1	He	256.150244	0.7	387720.760
Ca	43	1	He	255.422440	1.1	1046.797
Ti	47	1	He	10.102331	1.4	4824.493
V	51	1	He	10.203920	0.9	129026.257
Cr	52	1	He	10.268204	0.7	167079.870
Mn	55	1	He	10.273995	0.7	106169.107
Fe	56	1	He	136.135335	1.5	1893178.793
Co	59	1	He	10.507351	0.6	257613.150
Ni	60	1	He	10.226682	0.6	73750.257
Cu	63	1	He	10.350519	0.7	185807.823
Zn	66	1	He	10.126786	0.5	33934.177
As	75	1	He	10.079602	1.0	20298.493
Se	78	2	H2	9.944766	3.4	9643.673
Sr	88	1	He	10.184951	0.8	115426.203
Mo	95	1	He	9.787145	2.0	73719.057
Pd	105	1	He	10.126812	0.2	112728.170
Ag	107	1	He	4.984909	1.8	100843.447
Cd	111	1	He	9.758805	1.4	37305.650
Sn	118	1	He	9.691353	2.3	77625.883
Sb	121	1	He	9.794987	2.1	97161.397
Ba	138	1	He	10.212941	0.3	202552.187
Pt	195	1	He	9.863137	1.2	90385.800
Hg	202	1	He	0.374443	0.9	1553.430
Tl	205	1	He	4.978125	1.5	142702.307
Pb	208	1	He	10.018522	1.2	378342.360
Bi	209	1	He	10.208357	2.0	317740.953
Th	232	1	He	9.550540	1.9	328612.963
U	238	1	He	9.671199	1.6	334396.207

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	98.68284885	856035.290
Sc	45	2	H2	101.4610773	4948367.333
Ge	72	1	He	100.4927232	480257.260
Ge	72	2	H2	102.3748481	1474076.540
In	115	1	He	101.4802221	4153328.207
Tb	159	1	He	100.6795127	8457061.957
Ir	193	1	He	99.93492212	4005415.563

Sample Name	CAL 3
Sample Type	CalStd
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	007CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:44:54
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	49.936997	2.8	117239.640
Be	9	2	H2	50.679865	1.9	78797.530
B	11	2	H2	49.900354	2.7	68406.950
Na	23	1	He	1269.497929	1.6	3256058.077
Mg	24	1	He	1265.129877	0.3	1815863.827
Al	27	1	He	1273.182540	1.0	800954.560
Si	28	2	H2	666.822579	0.6	3068168.917
K	39	1	He	1293.773891	1.3	1819013.360
Ca	43	1	He	1317.698507	1.0	5381.413
Ti	47	1	He	49.920207	2.0	24134.033
V	51	1	He	50.811605	0.5	651037.753
Cr	52	1	He	51.348129	0.6	838689.003
Mn	55	1	He	50.967094	0.2	532315.480
Fe	56	1	He	644.321018	0.7	9031466.667
Co	59	1	He	51.997888	1.5	1291010.500
Ni	60	1	He	50.386452	0.7	345871.437
Cu	63	1	He	51.803208	0.7	939409.897
Zn	66	1	He	49.655551	0.2	164875.910
As	75	1	He	49.741709	0.6	101194.247
Se	78	2	H2	50.732697	1.3	48591.463
Sr	88	1	He	50.664677	1.3	581209.353
Mo	95	1	He	50.044771	1.7	372271.887
Pd	105	1	He	52.188716	0.4	573370.160
Ag	107	1	He	25.422918	1.1	507428.623
Cd	111	1	He	50.181132	1.0	189421.287
Sn	118	1	He	49.999237	0.9	394118.630
Sb	121	1	He	49.923516	1.3	488532.077
Ba	138	1	He	51.887972	0.9	1036675.220
Pt	195	1	He	49.180071	1.4	453845.470
Hg	202	1	He	1.928015	2.0	8047.513
Tl	205	1	He	25.302913	1.1	724348.090
Pb	208	1	He	50.900262	0.8	1933143.070
Bi	209	1	He	51.891761	0.5	1625064.040
Th	232	1	He	50.296000	1.3	1741883.617
U	238	1	He	50.538661	1.0	1759627.267

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	99.99278046	867398.437
Sc	45	2	H2	101.4246725	4946591.833
Ge	72	1	He	101.8380938	486686.820
Ge	72	2	H2	101.3091762	1458732.127
In	115	1	He	100.2436821	4102719.760
Tb	159	1	He	101.5255164	8528126.123
Ir	193	1	He	100.6382846	4033606.500

Sample Name	CAL 4
Sample Type	CalStd
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	008CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:48:04
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	101.744314	1.0	238490.950
Be	9	2	H2	101.466077	1.3	157517.507
B	11	2	H2	101.037288	0.9	136955.583
Na	23	1	He	2526.647276	1.2	6336983.030
Mg	24	1	He	2501.973464	0.9	3524033.697
Al	27	1	He	2536.819818	0.7	1564645.337
Si	28	2	H2	1327.229816	1.1	6023210.333
K	39	1	He	2592.829935	0.8	3537854.947
Ca	43	1	He	2619.862671	1.8	10479.613
Ti	47	1	He	100.516937	0.8	47692.707
V	51	1	He	103.822038	3.0	1318345.280
Cr	52	1	He	102.804294	1.9	1662218.087
Mn	55	1	He	103.371490	2.1	1069793.893
Fe	56	1	He	1304.486828	0.9	18110194.667
Co	59	1	He	104.520015	0.6	2571809.333
Ni	60	1	He	100.635137	0.5	679053.187
Cu	63	1	He	101.556017	1.3	1824711.417
Zn	66	1	He	98.690092	1.4	323842.040
As	75	1	He	99.052065	0.2	199650.260
Se	78	2	H2	101.929401	0.6	97563.660
Sr	88	1	He	101.021058	0.7	1148526.520
Mo	95	1	He	99.206439	1.8	737588.873
Pd	105	1	He	101.838493	1.1	1118327.433
Ag	107	1	He	50.379447	0.5	1004894.960
Cd	111	1	He	98.742012	1.3	372515.843
Sn	118	1	He	99.921440	1.2	786859.650
Sb	121	1	He	100.080890	1.0	978702.800
Ba	138	1	He	104.686261	0.9	2072833.927
Pt	195	1	He	100.438391	2.0	918414.477
Hg	202	1	He	3.952944	3.4	16343.987
Tl	205	1	He	51.243670	2.7	1451817.633
Pb	208	1	He	103.614465	1.3	3907613.483
Bi	209	1	He	104.762312	2.8	3257865.263
Th	232	1	He	101.285783	3.2	3483484.947
U	238	1	He	101.494344	1.2	3509669.843

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	98.13730352	851302.897
Sc	45	2	H2	101.2579515	4938460.667
Ge	72	1	He	100.9373947	482382.357
Ge	72	2	H2	101.2657031	1458106.167
In	115	1	He	100.1996212	4100916.460
Tb	159	1	He	100.6390092	8453659.667
Ir	193	1	He	99.96334170	4006554.627

Sample Name	CAL 5
Sample Type	CalStd
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	009CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:51:00
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	256.533887	1.2	596552.647
Be	9	2	H2	252.544754	1.3	388976.540
B	11	2	H2	252.643154	2.0	337743.740
Na	23	1	He	6288.856621	1.7	15333451.437
Mg	24	1	He	6192.596665	1.4	8496891.120
Al	27	1	He	6223.367561	0.3	3737772.500
Si	28	2	H2	3210.988327	0.5	14351213.000
K	39	1	He	6189.817760	0.4	8174867.170
Ca	43	1	He	6381.752090	0.9	24842.057
Ti	47	1	He	250.899943	0.5	115979.133
V	51	1	He	248.300858	1.7	3069171.773
Cr	52	1	He	247.716432	1.2	3896046.833
Mn	55	1	He	247.936940	1.9	2496904.417
Fe	56	1	He	3150.760576	1.1	42558302.667
Co	59	1	He	246.838164	0.6	5911568.000
Ni	60	1	He	246.245211	1.0	1609358.250
Cu	63	1	He	249.002464	1.5	4353576.167
Zn	66	1	He	245.329916	0.7	782254.043
As	75	1	He	247.193997	0.4	484869.337
Se	78	2	H2	249.837046	0.6	237325.430
Sr	88	1	He	253.971938	0.1	2810361.627
Mo	95	1	He	249.460487	2.8	1825336.710
Pd	105	1	He	254.989433	1.8	2755425.587
Ag	107	1	He	124.763854	1.1	2449179.340
Cd	111	1	He	245.681628	1.2	912295.137
Sn	118	1	He	248.286264	1.4	1923970.490
Sb	121	1	He	246.924136	1.5	2376529.600
Ba	138	1	He	250.348805	1.7	4958998.153
Pt	195	1	He	251.789728	1.1	2304140.167
Hg	202	1	He	9.852903	1.9	40767.387
Tl	205	1	He	126.236024	2.2	3576905.467
Pb	208	1	He	250.286751	1.0	9641189.437
Bi	209	1	He	248.182429	2.2	7883018.633
Th	232	1	He	244.390122	1.6	8588067.997
U	238	1	He	244.752474	1.5	8644823.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	95.61664744	829437.187
Sc	45	2	H2	100.4781760	4900430.167
Ge	72	1	He	98.25150605	469546.427
Ge	72	2	H2	100.5285506	1447492.043
In	115	1	He	98.62560099	4036495.800
Tb	159	1	He	100.6883248	8457802.167
Ir	193	1	He	102.1081045	4092517.233

Sample Name	CAL 6
Sample Type	CalStd
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	010CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:53:47
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	496.392000	1.8	1179082.833
Be	9	2	H2	498.364457	2.8	784027.393
B	11	2	H2	498.480708	2.0	679483.207
Na	23	1	He	12671.23642	1.7	30747592.877
Mg	24	1	He	12416.27138	0.5	16965941.417
Al	27	1	He	12426.06737	1.4	7430124.833
Si	28	2	H2	6187.126349	2.1	27784423.333
K	39	1	He	12220.27742	0.9	16033401.427
Ca	43	1	He	12756.72671	0.7	49432.710
Ti	47	1	He	499.452530	0.7	229905.663
V	51	1	He	493.438637	1.1	5968457.247
Cr	52	1	He	500.440367	0.9	7699947.667
Mn	55	1	He	500.254935	0.6	4929528.833
Fe	56	1	He	6417.934875	1.4	84818341.333
Co	59	1	He	500.466927	2.1	11728373.000
Ni	60	1	He	501.707029	1.1	3202999.000
Cu	63	1	He	494.097181	1.1	8452931.167
Zn	66	1	He	502.625663	0.7	1567301.587
As	75	1	He	501.616804	0.7	962699.913
Se	78	2	H2	499.623392	0.7	478099.833
Sr	88	1	He	497.739625	1.3	5389502.837
Mo	95	1	He	500.428241	2.9	3588700.167
Pd	105	1	He	496.916183	1.0	5263336.693
Ag	107	1	He	243.358125	0.6	4682569.200
Cd	111	1	He	502.397492	1.7	1828604.380
Sn	118	1	He	500.878864	1.4	3803824.633
Sb	121	1	He	501.533480	1.0	4731000.557
Ba	138	1	He	498.695269	1.0	9915880.267
Pt	195	1	He	499.102192	1.2	4584057.833
Hg	202	1	He	20.090693	0.9	83438.290
Tl	205	1	He	249.103401	1.0	7083548.437
Pb	208	1	He	499.043309	3.4	19190774.400
Bi	209	1	He	499.762960	4.3	15848174.763
Th	232	1	He	502.527185	3.5	17626063.903
U	238	1	He	502.277609	2.9	17713197.653

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	95.21645465	825965.670
Sc	45	2	H2	102.6557160	5006631.167
Ge	72	1	He	96.14189454	459464.540
Ge	72	2	H2	101.2742802	1458229.667
In	115	1	He	96.67100903	3956499.307
Tb	159	1	He	101.0629956	8489274.457
Ir	193	1	He	101.9941456	4087949.733

Sample Name	CAL 7
Sample Type	CalStd
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	011CALS.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:56:34
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.388972	1.7	1018.540
Be	9	2	H2	0.291428	0.9	488.843
B	11	2	H2	5.453113	5.5	9080.823
Na	23	1	He	49950.43753	0.6	118608141.563
Mg	24	1	He	50027.61249	1.4	66936549.003
Al	27	1	He	50019.35767	0.5	29280780.667
Si	28	2	H2	23801.62328	1.7	106029610.667
K	39	1	He	50071.67702	1.2	64209910.710
Ca	43	1	He	49911.62274	0.6	189317.137
Ti	47	1	He	0.922976	3.7	420.677
V	51	1	He	0.326053	12.1	3931.387
Cr	52	1	He	0.655857	3.2	11888.360
Mn	55	1	He	0.779255	1.2	7952.253
Fe	56	1	He	24951.52469	1.0	327208501.333
Co	59	1	He	0.924587	0.7	21726.027
Ni	60	1	He	1.246950	0.2	13222.877
Cu	63	1	He	0.486634	0.3	8958.863
Zn	66	1	He	1.006150	3.5	4010.583
As	75	1	He	0.428262	3.0	891.363
Se	78	2	H2	0.385727	5.3	391.343
Sr	88	1	He	0.679867	3.5	7455.400
Mo	95	1	He	0.408178	6.3	2816.963
Pd	105	1	He	0.211133	6.8	2231.870
Ag	107	1	He	0.194701	6.2	3723.873
Cd	111	1	He	0.440224	3.8	1544.143
Sn	118	1	He	0.348483	4.4	2865.327
Sb	121	1	He	0.417669	2.2	3910.593
Ba	138	1	He	0.358721	2.8	7183.653
Pt	195	1	He	0.194256	3.4	1886.813
Hg	202	1	He	0.162185	10.1	660.017
Tl	205	1	He	0.146591	8.5	5754.670
Pb	208	1	He	0.524188	3.0	19380.853
Bi	209	1	He	0.335206	3.2	10255.857
Th	232	1	He	0.337629	6.4	11216.760
U	238	1	He	0.331512	3.1	10929.830

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	93.23130964	808745.310
Sc	45	2	H2	106.1165436	5175419.500
Ge	72	1	He	95.40663721	455950.727
Ge	72	2	H2	100.7020572	1449990.333
In	115	1	He	91.92457641	3762239.853
Tb	159	1	He	98.40386339	8265907.797
Ir	193	1	He	94.79453578	3799387.650

Sample Name	ICV
Sample Type	ICV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	012_ICV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 13:59:38
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	81.819889	2.4	192328.673
Be	9	2	H2	82.276885	2.5	128082.813
B	11	2	H2	82.886780	1.9	112914.913
Na	23	1	He	2014.373979	1.1	4952313.153
Mg	24	1	He	2030.365465	0.1	2800605.060
Al	27	1	He	2049.433258	0.6	1238223.247
Si	28	2	H2	1076.868979	2.0	5004922.000
K	39	1	He	2021.586289	1.8	2709758.810
Ca	43	1	He	2036.099048	0.9	7980.730
Ti	47	1	He	80.855256	1.0	37569.297
V	51	1	He	85.126710	1.8	1068776.247
Cr	52	1	He	83.815848	1.2	1340247.460
Mn	55	1	He	81.830769	0.6	837299.313
Fe	56	1	He	1021.801584	0.2	14027622.000
Co	59	1	He	84.188551	1.6	2048053.420
Ni	60	1	He	82.235255	0.8	549627.253
Cu	63	1	He	83.271579	1.4	1479290.663
Zn	66	1	He	80.479627	0.7	261275.920
As	75	1	He	81.104511	0.6	161638.030
Se	78	2	H2	81.044600	1.3	79188.103
Sr	88	1	He	82.082519	0.9	922685.380
Mo	95	1	He	79.759089	1.5	595252.623
Pd	105	1	He	82.650578	1.1	910923.503
Ag	107	1	He	47.191663	1.1	944862.147
Cd	111	1	He	80.284275	1.4	304030.120
Sn	118	1	He	79.154930	1.7	625767.517
Sb	121	1	He	79.141697	1.5	776888.710
Ba	138	1	He	84.567215	1.0	1695329.767
Pt	195	1	He	81.064312	1.4	750624.687
Hg	202	1	He	3.928128	1.3	16448.790
Tl	205	1	He	42.198910	0.8	1211117.900
Pb	208	1	He	82.065670	1.9	3178846.647
Bi	209	1	He	85.867309	2.4	2742684.440
Th	232	1	He	110.919606	3.6	3917744.523
U	238	1	He	80.941174	2.5	2874727.980

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	96.10492373	833672.793
Sc	45	2	H2	101.5731006	4953830.833
Ge	72	1	He	99.79512349	476923.413
Ge	72	2	H2	103.3632076	1488307.747
In	115	1	He	100.5769978	4116361.527
Tb	159	1	He	101.8802022	8557919.667
Ir	193	1	He	102.6835907	4115582.857

Sample Name	ICB
Sample Type	ICB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	013_ICB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:02:27
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.099842	1.9	286.000
Be	9	2	H2	0.024672	8.6	50.833
B	11	2	H2	2.788723	1.9	4943.673
Na	23	1	He	3.692750	9.4	30637.547
Mg	24	1	He	2.158729	7.7	3272.067
Al	27	1	He	2.270523	10.7	2844.283
Si	28	2	H2	20.598992	7.9	168999.670
K	39	1	He	3.739071	8.4	42517.933
Ca	43	1	He	2.335041	21.9	28.927
Ti	47	1	He	0.021699	22.7	14.333
V	51	1	He	0.022430	79.7	288.793
Cr	52	1	He	0.012845	64.2	2066.823
Mn	55	1	He	0.029063	24.4	616.013
Fe	56	1	He	1.064724	7.2	26110.730
Co	59	1	He	0.020209	15.4	692.687
Ni	60	1	He	-0.084194		4792.830
Cu	63	1	He	0.037928	12.3	1338.733
Zn	66	1	He	0.016628	158.6	947.367
As	75	1	He	0.030414	1.8	133.500
Se	78	2	H2	0.040500	12.3	61.667
Sr	88	1	He	0.016571	18.4	326.677
Mo	95	1	He	0.033348	9.5	282.000
Pd	105	1	He	0.034825	11.3	495.013
Ag	107	1	He	0.055012	16.1	1266.737
Cd	111	1	He	0.035674	11.8	156.303
Sn	118	1	He	0.051004	9.4	778.363
Sb	121	1	He	0.027771	7.1	448.343
Ba	138	1	He	0.022000	13.7	681.690
Pt	195	1	He	0.024108	11.8	374.677
Hg	202	1	He	0.074303	4.2	312.000
Tl	205	1	He	-0.012045		1398.423
Pb	208	1	He	0.058023	2.9	2928.490
Bi	209	1	He	0.030218	12.5	1366.753
Th	232	1	He	0.040262	8.9	1643.457
U	238	1	He	0.023016	16.5	883.377

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	92.61150545	803368.750
Sc	45	2	H2	98.39946164	4799049.000
Ge	72	1	He	95.21563801	455037.937
Ge	72	2	H2	98.53349347	1418765.583
In	115	1	He	99.73869152	4082051.773
Tb	159	1	He	100.7417153	8462286.960
Ir	193	1	He	102.4062200	4104465.773

Sample Name	CRDL
Sample Type	CRDL
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	014CRD.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:05:34
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.607992	0.4	1435.737
Be	9	2	H2	0.234185	2.6	365.003
B	11	2	H2	12.432471	1.5	17431.707
Na	23	1	He	60.119465	0.8	163907.033
Mg	24	1	He	34.047547	1.2	45707.237
Al	27	1	He	34.685577	0.1	21718.637
Si	28	2	H2	123.345166	1.2	618371.333
K	39	1	He	105.815995	2.1	172671.770
Ca	43	1	He	106.442704	1.1	421.630
Ti	47	1	He	1.026337	7.9	464.677
V	51	1	He	0.913953	4.8	11091.063
Cr	52	1	He	2.090669	0.7	34090.173
Mn	55	1	He	0.554196	1.4	5803.207
Fe	56	1	He	54.474732	1.3	732933.017
Co	59	1	He	0.564990	1.1	13481.790
Ni	60	1	He	0.500662	2.2	8577.953
Cu	63	1	He	1.123055	1.9	19936.100
Zn	66	1	He	5.302387	1.4	17449.497
As	75	1	He	0.541029	2.8	1116.210
Se	78	2	H2	0.558526	6.4	546.010
Sr	88	1	He	0.545544	3.7	6064.707
Mo	95	1	He	0.527527	0.9	3902.567
Pd	105	1	He	0.525247	3.8	5799.613
Ag	107	1	He	0.596639	5.2	11903.597
Cd	111	1	He	0.120329	5.1	469.953
Sn	118	1	He	0.535837	1.6	4534.137
Sb	121	1	He	0.550547	4.0	5486.143
Ba	138	1	He	0.335328	3.3	6968.530
Pt	195	1	He	0.519381	1.7	4962.970
Hg	202	1	He	0.248519	2.9	1044.710
Tl	205	1	He	0.079022	10.3	4020.673
Pb	208	1	He	0.565513	1.9	22803.087
Bi	209	1	He	0.545238	2.0	17986.050
Th	232	1	He	0.539549	5.2	19461.777
U	238	1	He	0.524317	3.6	18860.913

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	92.72075877	804316.480
Sc	45	2	H2	97.88541394	4773978.333
Ge	72	1	He	96.25574342	460008.627
Ge	72	2	H2	98.83120338	1423052.253
In	115	1	He	98.80860809	4043985.817
Tb	159	1	He	101.8611297	8556317.580
Ir	193	1	He	103.6484052	4154252.853

Sample Name	ICSA
Sample Type	ICSA
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	015ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:08:40
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.240972	64.4	398.010
Be	9	2	H2	0.006885	158.3	15.167
B	11	2	H2	4.173654	78.4	4341.813
Na	23	1	He	26654.46103	0.2	62993239.060
Mg	24	1	He	25564.46230	1.4	34035704.493
Al	27	1	He	25863.69564	0.3	15067127.333
Si	28	2	H2	24.970437	107.0	121478.313
K	39	1	He	25540.54178	0.9	32610631.183
Ca	43	1	He	25555.84834	0.2	96468.267
Ti	47	1	He	495.487168	0.3	222236.727
V	51	1	He	0.004407	600.8	72.287
Cr	52	1	He	0.393429	1.5	7844.183
Mn	55	1	He	0.076421	6.7	1075.377
Fe	56	1	He	26077.06200	0.6	340346826.667
Co	59	1	He	0.030759	4.1	935.367
Ni	60	1	He	0.018184	146.2	5425.727
Cu	63	1	He	0.028773	4.4	1180.723
Zn	66	1	He	0.175682	9.0	1434.743
As	75	1	He	0.013990	35.6	102.000
Se	78	2	H2	0.041049	123.1	38.333
Sr	88	1	He	0.174538	5.1	2015.163
Mo	95	1	He	509.320210	0.3	3599208.083
Pd	105	1	He	0.011547	28.7	230.003
Ag	107	1	He	0.017947	12.4	506.677
Cd	111	1	He	-0.032020		-93.587
Sn	118	1	He	0.037454	14.0	641.687
Sb	121	1	He	0.025844	4.9	410.010
Ba	138	1	He	0.074516	5.5	1693.453
Pt	195	1	He	0.004896	47.6	195.333
Hg	202	1	He	0.059119	5.3	245.000
Tl	205	1	He	-0.035672		715.027
Pb	208	1	He	0.033676	1.9	1923.407
Bi	209	1	He	0.017734	22.1	935.043
Th	232	1	He	0.012919	18.8	656.690
U	238	1	He	0.010052	22.5	408.343

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	92.77525420	804789.207
Sc	45	2	H2	77.95723518	3802059.333
Ge	72	1	He	94.95957951	453814.227
Ge	72	2	H2	77.85197176	1120976.170
In	115	1	He	95.23097480	3897562.357
Tb	159	1	He	99.07088109	8321937.170
Ir	193	1	He	99.05479447	3970139.837

Sample Name	ICSAB
Sample Type	ICSB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	016ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:25:10
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	93.983887	4.9	236589.077
Be	9	2	H2	95.253166	5.2	158792.293
B	11	2	H2	89.751434	5.9	130767.850
Na	23	1	He	28066.64092	5.8	64075620.710
Mg	24	1	He	27815.61424	5.3	35780399.467
Al	27	1	He	28053.74315	5.6	15788745.000
Si	28	2	H2	1235.288401	3.6	6103995.833
K	39	1	He	27852.95470	5.3	34359746.157
Ca	43	1	He	28541.40033	5.0	104101.940
Ti	47	1	He	619.969810	4.9	268698.457
V	51	1	He	106.732738	4.1	1273360.540
Cr	52	1	He	106.911038	3.1	1624377.583
Mn	55	1	He	103.207457	5.2	1003054.020
Fe	56	1	He	27864.02888	4.0	363165322.667
Co	59	1	He	105.869638	4.7	2446734.333
Ni	60	1	He	102.998968	4.2	652748.813
Cu	63	1	He	105.433568	4.9	1779125.460
Zn	66	1	He	99.612782	3.5	307121.173
As	75	1	He	102.653714	4.0	194372.190
Se	78	2	H2	95.280598	3.1	99206.730
Sr	88	1	He	107.885935	6.1	1151728.030
Mo	95	1	He	637.585520	3.4	4559819.167
Pd	105	1	He	104.421860	3.6	1102814.513
Ag	107	1	He	3.073872	4.5	59114.033
Cd	111	1	He	101.460830	4.3	368102.697
Sn	118	1	He	103.663492	4.7	784919.860
Sb	121	1	He	103.853262	5.5	976297.380
Ba	138	1	He	102.738052	4.5	2108545.383
Pt	195	1	He	100.198067	4.9	949653.983
Hg	202	1	He	4.185773	5.0	17941.110
Tl	205	1	He	51.770813	7.8	1518851.073
Pb	208	1	He	103.186456	5.0	4043660.280
Bi	209	1	He	99.276526	6.5	3206523.703
Th	232	1	He	135.271537	6.3	4832468.053
U	238	1	He	105.442214	6.8	3786202.233

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	89.79620637	778947.127
Sc	45	2	H2	108.9317667	5312721.000
Ge	72	1	He	94.92449426	453646.553
Ge	72	2	H2	110.2749684	1587828.913
In	115	1	He	96.47630522	3948530.573
Tb	159	1	He	104.4797610	8776282.163
Ir	193	1	He	104.0644560	4170928.270

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	017_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:27:56
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	82.784176	1.3	195563.980
Be	9	2	H2	83.258780	1.2	130263.433
B	11	2	H2	82.101566	1.8	112397.697
Na	23	1	He	2038.445850	2.0	4836702.843
Mg	24	1	He	2024.641045	0.3	2695243.500
Al	27	1	He	2041.262051	1.3	1190199.833
Si	28	2	H2	1005.195486	1.5	4742342.333
K	39	1	He	2014.693150	1.1	2606621.783
Ca	43	1	He	2022.091258	1.2	7649.403
Ti	47	1	He	82.194418	0.6	36860.103
V	51	1	He	83.997058	1.8	1038404.630
Cr	52	1	He	84.285019	1.1	1327070.247
Mn	55	1	He	81.368859	0.6	819803.460
Fe	56	1	He	1022.976441	0.9	13828137.333
Co	59	1	He	86.322619	2.0	2067723.873
Ni	60	1	He	84.005503	0.6	552723.730
Cu	63	1	He	86.417480	2.6	1511563.583
Zn	66	1	He	82.245111	0.5	262898.257
As	75	1	He	82.149880	0.6	161211.627
Se	78	2	H2	81.758763	0.9	81005.387
Sr	88	1	He	83.436017	0.6	923491.757
Mo	95	1	He	80.703011	0.6	605352.940
Pd	105	1	He	84.830050	1.2	939691.260
Ag	107	1	He	48.821838	1.1	982372.330
Cd	111	1	He	82.079398	0.5	312397.787
Sn	118	1	He	80.241442	1.2	637559.273
Sb	121	1	He	81.387720	1.0	802991.263
Ba	138	1	He	81.778980	1.0	1741254.713
Pt	195	1	He	81.736391	0.7	803777.503
Hg	202	1	He	3.919033	1.5	17429.753
Tl	205	1	He	42.106872	0.9	1283344.330
Pb	208	1	He	83.557119	2.1	3453600.940
Bi	209	1	He	85.800875	0.8	2924951.100
Th	232	1	He	111.477657	1.8	4202403.687
U	238	1	He	83.801721	3.8	3175055.370

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	92.75040698	804573.667
Sc	45	2	H2	102.0477568	4976980.333
Ge	72	1	He	98.26433782	469607.750
Ge	72	2	H2	104.8298244	1509425.290
In	115	1	He	101.0761871	4136792.077
Tb	159	1	He	108.1979455	9088609.030
Ir	193	1	He	109.5703098	4391604.207

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	018_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:30:46
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.061546	3.3	199.833
Be	9	2	H2	0.013292	6.1	33.833
B	11	2	H2	1.491974	3.4	3268.870
Na	23	1	He	2.281379	8.8	26806.520
Mg	24	1	He	1.398160	4.3	2220.193
Al	27	1	He	1.380147	11.2	2283.517
Si	28	2	H2	-1.024592		75699.540
K	39	1	He	2.574027	29.9	40271.587
Ca	43	1	He	2.118840	66.0	27.600
Ti	47	1	He	0.041169	26.6	22.667
V	51	1	He	-0.001809		-2.583
Cr	52	1	He	0.009060	23.5	1986.143
Mn	55	1	He	0.015156	28.8	474.677
Fe	56	1	He	1.014513	3.0	25156.347
Co	59	1	He	0.012701	8.8	512.677
Ni	60	1	He	-0.071939		4813.503
Cu	63	1	He	0.017717	16.9	984.703
Zn	66	1	He	-0.004112		873.363
As	75	1	He	0.017676	15.1	108.000
Se	78	2	H2	0.028644	13.5	51.333
Sr	88	1	He	0.008441	58.2	236.670
Mo	95	1	He	0.053708	25.1	420.677
Pd	105	1	He	0.030720	18.6	438.343
Ag	107	1	He	0.026809	23.0	688.357
Cd	111	1	He	0.026975	14.1	120.293
Sn	118	1	He	0.027955	24.4	581.687
Sb	121	1	He	0.025722	26.0	416.677
Ba	138	1	He	0.012464	20.8	508.347
Pt	195	1	He	0.015444	20.4	304.673
Hg	202	1	He	0.061493	10.4	267.667
Tl	205	1	He	-0.029906		920.043
Pb	208	1	He	0.023188	4.5	1696.727
Bi	209	1	He	0.014384	28.4	921.707
Th	232	1	He	0.031657	10.0	1435.097
U	238	1	He	0.012666	21.9	551.687

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.89642136	788491.063
Sc	45	2	H2	98.89294046	4823116.500
Ge	72	1	He	94.09703263	449692.093
Ge	72	2	H2	99.73767818	1436104.417
In	115	1	He	97.06566285	3972651.487
Tb	159	1	He	104.1017989	8744533.413
Ir	193	1	He	109.7089925	4397162.643

Sample Name	C&G CRDL
Sample Type	CRDL
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	019CRD.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:33:52
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.568472	4.7	1351.893
Be	9	2	H2	0.218572	2.1	343.333
B	11	2	H2	11.424513	3.7	16197.127
Na	23	1	He	61.412116	0.7	163437.190
Mg	24	1	He	12.948656	2.3	17260.413
Al	27	1	He	22.029840	0.2	14047.817
Si	28	2	H2	-1.866853		72545.347
K	39	1	He	104.451039	1.5	167322.600
Ca	43	1	He	45.376978	4.4	187.280
Ti	47	1	He	0.021570	18.7	14.000
V	51	1	He	1.088888	1.9	12965.943
Cr	52	1	He	0.569743	1.2	10472.550
Mn	55	1	He	0.531810	4.1	5481.077
Fe	56	1	He	54.448794	0.8	719256.523
Co	59	1	He	0.556265	1.9	13034.707
Ni	60	1	He	0.544112	4.2	8694.037
Cu	63	1	He	1.130116	1.2	19693.110
Zn	66	1	He	5.578756	1.1	17978.840
As	75	1	He	-0.003516		68.500
Se	78	2	H2	0.003361	100.8	27.667
Sr	88	1	He	0.539656	0.7	5891.307
Mo	95	1	He	0.026933	11.7	228.667
Pd	105	1	He	0.010340	14.9	221.667
Ag	107	1	He	0.632977	4.2	12414.070
Cd	111	1	He	0.098714	7.3	382.987
Sn	118	1	He	0.018086	38.6	506.680
Sb	121	1	He	0.025649	16.5	416.677
Ba	138	1	He	0.318097	1.7	6760.097
Pt	195	1	He	0.001613	80.2	174.000
Hg	202	1	He	0.044010	6.6	192.667
Tl	205	1	He	0.067619	10.1	3768.920
Pb	208	1	He	0.126058	4.1	5843.910
Bi	209	1	He	0.520391	0.4	17859.220
Th	232	1	He	0.517365	3.2	19403.287
U	238	1	He	0.520988	1.4	19478.493

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.76171983	787322.580
Sc	45	2	H2	98.43129744	4800601.667
Ge	72	1	He	94.50014203	451618.563
Ge	72	2	H2	100.5273239	1447474.380
In	115	1	He	97.16984016	3976915.200
Tb	159	1	He	103.9662133	8733144.243
Ir	193	1	He	107.7000693	4316644.520

Sample Name	CRDL
Sample Type	CRDL
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	020CRD.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:37:00
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.574834	2.8	1366.567
Be	9	2	H2	0.238620	2.2	373.507
B	11	2	H2	11.234181	3.1	15943.017
Na	23	1	He	59.906514	0.8	160258.023
Mg	24	1	He	33.220648	2.3	43746.300
Al	27	1	He	34.489796	1.7	21187.837
Si	28	2	H2	103.452479	0.7	544158.063
K	39	1	He	104.159821	1.7	167282.840
Ca	43	1	He	107.726367	6.0	418.247
Ti	47	1	He	1.013389	4.2	450.010
V	51	1	He	0.899528	11.3	10827.103
Cr	52	1	He	2.103716	1.0	34029.370
Mn	55	1	He	0.542394	3.5	5643.137
Fe	56	1	He	53.787835	1.0	718357.710
Co	59	1	He	0.574545	0.6	13602.560
Ni	60	1	He	0.521532	4.4	8646.003
Cu	63	1	He	1.113501	1.2	19624.990
Zn	66	1	He	5.248361	0.9	17149.793
As	75	1	He	0.526009	3.8	1079.210
Se	78	2	H2	0.530580	3.3	532.010
Sr	88	1	He	0.538895	3.7	5946.320
Mo	95	1	He	0.519805	2.9	3828.543
Pd	105	1	He	0.522101	3.7	5739.580
Ag	107	1	He	0.618341	3.6	12273.943
Cd	111	1	He	0.102601	6.0	401.960
Sn	118	1	He	0.509348	7.4	4307.383
Sb	121	1	He	0.563699	4.7	5584.527
Ba	138	1	He	0.318294	3.6	6660.043
Pt	195	1	He	0.526682	3.4	5055.003
Hg	202	1	He	0.232414	3.4	982.370
Tl	205	1	He	0.067973	7.0	3723.907
Pb	208	1	He	0.550114	2.7	22702.997
Bi	209	1	He	0.537335	1.9	18136.227
Th	232	1	He	0.530486	2.1	19576.927
U	238	1	He	0.532399	2.3	19588.743

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.93602429	788834.603
Sc	45	2	H2	98.35760966	4797007.833
Ge	72	1	He	95.52612043	456521.740
Ge	72	2	H2	101.1811388	1456888.540
In	115	1	He	98.34211059	4024893.257
Tb	159	1	He	102.3565300	8597931.120
Ir	193	1	He	106.0048891	4248701.293

Sample Name	4550728_B74498Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	021SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:40:21
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.031663	9.0	128.667
Be	9	2	H2	-0.001262		11.500
B	11	2	H2	0.950649	5.3	2504.383
Na	23	1	He	21.283856	114.8	70100.633
Mg	24	1	He	2.741308	7.6	3925.570
Al	27	1	He	1.904645	2.6	2552.227
Si	28	2	H2	-2.773650		66866.737
K	39	1	He	2.232064	27.4	39374.217
Ca	43	1	He	6.499843	1.7	43.267
Ti	47	1	He	0.025744	59.7	15.667
V	51	1	He	0.008846	437.9	122.487
Cr	52	1	He	0.034693	14.5	2334.867
Mn	55	1	He	0.023659	12.7	548.010
Fe	56	1	He	0.460887	5.6	17714.423
Co	59	1	He	0.000002	9810.7	218.000
Ni	60	1	He	0.016041	88.5	5278.333
Cu	63	1	He	0.025844	8.4	1103.380
Zn	66	1	He	0.356470	3.7	1942.140
As	75	1	He	0.007139	54.8	86.833
Se	78	2	H2	0.008363	24.4	31.667
Sr	88	1	He	0.004627	25.3	193.333
Mo	95	1	He	0.010788	3.6	111.333
Pd	105	1	He	0.005619	108.8	170.000
Ag	107	1	He	0.015157	16.4	460.010
Cd	111	1	He	0.003040	78.8	32.657
Sn	118	1	He	0.029941	10.1	593.353
Sb	121	1	He	0.021918	20.0	378.343
Ba	138	1	He	0.006240	20.4	375.010
Pt	195	1	He	-0.000255		154.000
Hg	202	1	He	0.032094	2.0	139.667
Tl	205	1	He	-0.050235		320.010
Pb	208	1	He	0.025824	25.8	1720.053
Bi	209	1	He	0.003708	78.6	530.013
Th	232	1	He	0.004485	30.1	388.343
U	238	1	He	0.001676	5.0	128.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	89.80570497	779029.523
Sc	45	2	H2	96.83409782	4722704.500
Ge	72	1	He	92.61757263	442621.717
Ge	72	2	H2	98.11020333	1412670.707
In	115	1	He	96.49021723	3949099.957
Tb	159	1	He	102.5297297	8612479.870
Ir	193	1	He	104.3514844	4182432.437

Sample Name	4550729_B74498Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	022SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:43:26
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	54.031000	1.7	121506.783
Be	9	2	H2	54.765449	2.6	81540.580
B	11	2	H2	53.435687	3.1	70061.053
Na	23	1	He	1092.571604	1.8	2558366.163
Mg	24	1	He	1087.741529	0.3	1423784.250
Al	27	1	He	1054.854811	0.9	605400.103
Si	28	2	H2	274.922307	3.5	1299248.123
K	39	1	He	1067.206447	1.9	1374864.617
Ca	43	1	He	1093.142480	0.9	4074.690
Ti	47	1	He	50.767233	0.8	22383.197
V	51	1	He	53.017681	1.2	627303.613
Cr	52	1	He	53.898091	0.9	812955.270
Mn	55	1	He	51.433310	1.7	496080.490
Fe	56	1	He	1078.562334	0.8	13953290.333
Co	59	1	He	54.972070	0.8	1260387.377
Ni	60	1	He	52.979580	0.7	335572.637
Cu	63	1	He	54.197024	1.1	907634.917
Zn	66	1	He	52.132973	0.7	159819.923
As	75	1	He	51.295104	1.1	96369.303
Se	78	2	H2	51.245705	2.3	48586.447
Sr	88	1	He	52.255321	0.7	553633.690
Mo	95	1	He	52.218314	2.2	367107.603
Pd	105	1	He	11.076378	2.3	115078.493
Ag	107	1	He	32.243355	1.9	608144.757
Cd	111	1	He	51.903488	2.0	185165.563
Sn	118	1	He	51.095463	1.7	380671.697
Sb	121	1	He	52.080968	2.4	481616.700
Ba	138	1	He	52.155802	0.7	1020052.457
Pt	195	1	He	10.593652	0.8	95819.000
Hg	202	1	He	0.069490	6.1	288.000
Tl	205	1	He	55.827822	2.0	1561954.820
Pb	208	1	He	53.630087	1.8	2051834.357
Bi	209	1	He	52.431034	1.0	1654247.997
Th	232	1	He	55.676732	1.3	1942732.680
U	238	1	He	53.060148	2.1	1861151.950

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.18523356	790996.397
Sc	45	2	H2	97.15188512	4738203.333
Ge	72	1	He	94.05097512	449471.983
Ge	72	2	H2	100.3081649	1444318.750
In	115	1	He	94.75845331	3878223.250
Tb	159	1	He	99.37585437	8347554.873
Ir	193	1	He	101.3905335	4063756.817

Sample Name	4550730_B74498Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	023SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:46:24
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	55.144790	1.9	123208.627
Be	9	2	H2	55.775282	1.6	82526.897
B	11	2	H2	54.837513	1.6	71423.267
Na	23	1	He	1082.026813	0.3	2533283.870
Mg	24	1	He	1057.576184	1.3	1383929.200
Al	27	1	He	1055.441117	0.8	605566.750
Si	28	2	H2	280.277470	1.9	1299301.083
K	39	1	He	1048.077990	1.3	1350565.137
Ca	43	1	He	1081.331575	1.8	4029.467
Ti	47	1	He	50.468422	1.8	22246.670
V	51	1	He	52.473849	1.5	626238.867
Cr	52	1	He	53.370286	0.5	811889.227
Mn	55	1	He	51.165118	0.9	497753.147
Fe	56	1	He	1073.673927	0.4	14009632.000
Co	59	1	He	54.915454	2.0	1270001.080
Ni	60	1	He	53.416504	0.4	341212.167
Cu	63	1	He	54.062323	0.7	913157.900
Zn	66	1	He	51.166957	0.9	158224.573
As	75	1	He	51.050816	1.0	96736.723
Se	78	2	H2	52.274253	2.2	48643.297
Sr	88	1	He	52.350998	0.5	559392.233
Mo	95	1	He	52.026187	2.7	368288.763
Pd	105	1	He	10.881224	2.0	113844.993
Ag	107	1	He	31.888151	2.9	605587.153
Cd	111	1	He	51.461544	1.6	184863.457
Sn	118	1	He	50.527566	3.2	379004.473
Sb	121	1	He	51.913529	3.7	483385.813
Ba	138	1	He	50.774952	0.3	1023627.720
Pt	195	1	He	10.278559	1.6	95810.970
Hg	202	1	He	0.070381	4.4	300.667
Tl	205	1	He	54.278533	2.1	1565367.010
Pb	208	1	He	50.909853	0.2	2019672.873
Bi	209	1	He	50.205790	1.0	1642119.873
Th	232	1	He	52.581506	1.0	1901952.107
U	238	1	He	50.637593	1.2	1841590.493

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.15570024	790740.207
Sc	45	2	H2	96.51104100	4706948.667
Ge	72	1	He	94.85546623	453316.667
Ge	72	2	H2	98.45210368	1417593.667
In	115	1	He	95.40280066	3904594.753
Tb	159	1	He	102.4410887	8605034.037
Ir	193	1	He	105.1236230	4213379.937

Sample Name	10638815001_B74498Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	024SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:49:21
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.045479	8.1	161.500
Be	9	2	H2	0.007042	53.6	24.167
B	11	2	H2	1.448757	3.6	3182.013
Na	23	1	He	6.650359	1.0	37341.510
Mg	24	1	He	2.231533	2.5	3345.413
Al	27	1	He	1.117298	5.5	2158.163
Si	28	2	H2	-2.608257		68399.460
K	39	1	He	2.041069	26.7	40062.843
Ca	43	1	He	3.787446	31.6	34.150
Ti	47	1	He	0.018154	37.8	12.667
V	51	1	He	0.009350	120.6	131.063
Cr	52	1	He	0.034353	3.4	2384.873
Mn	55	1	He	0.016427	28.4	490.677
Fe	56	1	He	0.260549	2.5	15522.513
Co	59	1	He	0.009730	6.7	448.010
Ni	60	1	He	0.003535	411.5	5325.020
Cu	63	1	He	0.029755	4.4	1195.387
Zn	66	1	He	0.212222	3.8	1544.757
As	75	1	He	0.008799	72.6	92.000
Se	78	2	H2	0.016886	13.1	40.000
Sr	88	1	He	0.011068	13.1	266.670
Mo	95	1	He	0.022527	21.8	199.333
Pd	105	1	He	0.006433	106.6	181.667
Ag	107	1	He	0.035959	8.8	876.703
Cd	111	1	He	0.017835	20.6	87.980
Sn	118	1	He	0.040758	18.6	688.357
Sb	121	1	He	0.039147	7.9	551.683
Ba	138	1	He	0.016531	19.8	580.017
Pt	195	1	He	-0.000399		152.000
Hg	202	1	He	0.026387	26.5	115.000
Tl	205	1	He	-0.023095		1096.727
Pb	208	1	He	0.021214	20.8	1565.053
Bi	209	1	He	0.016302	8.2	958.377
Th	232	1	He	0.046077	26.0	1923.503
U	238	1	He	0.011994	22.4	511.680

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.93010580	797457.873
Sc	45	2	H2	97.98689141	4778927.500
Ge	72	1	He	94.81174881	453107.740
Ge	72	2	H2	99.27718590	1429473.873
In	115	1	He	98.43161259	4028556.347
Tb	159	1	He	101.9957976	8567629.663
Ir	193	1	He	106.4615797	4267005.560

Sample Name	CB
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	025SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:52:26
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.033756	6.2	134.167
Be	9	2	H2	0.000095	1503.9	13.667
B	11	2	H2	0.877967	3.2	2428.537
Na	23	1	He	11.460537	82.2	48232.427
Mg	24	1	He	2.411198	4.4	3542.133
Al	27	1	He	2.409743	4.5	2871.290
Si	28	2	H2	-3.455184		62699.423
K	39	1	He	2.208880	19.4	39820.400
Ca	43	1	He	4.024682	33.4	34.640
Ti	47	1	He	0.024493	28.0	15.333
V	51	1	He	-0.009241		-88.877
Cr	52	1	He	0.033623	7.9	2324.867
Mn	55	1	He	0.015360	31.3	470.677
Fe	56	1	He	0.154212	4.4	13845.450
Co	59	1	He	0.000505	161.0	230.000
Ni	60	1	He	0.001786	919.1	5204.310
Cu	63	1	He	0.022059	17.5	1043.377
Zn	66	1	He	2.775766	2.8	9229.703
As	75	1	He	0.003432	89.1	80.167
Se	78	2	H2	0.008684	19.5	31.333
Sr	88	1	He	0.007749	51.6	226.670
Mo	95	1	He	0.007889	54.6	90.667
Pd	105	1	He	0.452782	21.7	4899.283
Ag	107	1	He	0.011532	29.6	390.010
Cd	111	1	He	0.007542	14.6	48.990
Sn	118	1	He	0.051046	17.8	753.360
Sb	121	1	He	0.029849	20.1	453.347
Ba	138	1	He	0.004379	48.4	328.343
Pt	195	1	He	-0.000219		150.000
Hg	202	1	He	0.020702	25.6	89.000
Tl	205	1	He	-0.045969		430.010
Pb	208	1	He	0.010822	13.1	1106.693
Bi	209	1	He	0.003830	7.3	525.020
Th	232	1	He	0.021818	29.0	993.383
U	238	1	He	0.003242	41.0	181.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.89959346	788518.580
Sc	45	2	H2	97.49447196	4754911.667
Ge	72	1	He	92.85362425	443749.813
Ge	72	2	H2	96.25306282	1385930.083
In	115	1	He	96.48780215	3949001.113
Tb	159	1	He	99.59416092	8365892.587
Ir	193	1	He	102.4778341	4107336.083

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	026_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:56:18
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	84.728553	2.2	194466.397
Be	9	2	H2	85.016829	1.9	129226.627
B	11	2	H2	82.429064	1.5	109648.080
Na	23	1	He	2073.023800	1.6	4880125.657
Mg	24	1	He	2041.316673	1.7	2696339.647
Al	27	1	He	2049.635955	2.0	1185799.123
Si	28	2	H2	1029.930232	1.7	4672079.833
K	39	1	He	2014.253890	0.6	2585856.473
Ca	43	1	He	2067.179422	0.6	7759.350
Ti	47	1	He	81.962832	0.7	36471.800
V	51	1	He	84.687647	1.4	1021928.070
Cr	52	1	He	86.395351	1.3	1327730.210
Mn	55	1	He	83.006528	0.6	816316.123
Fe	56	1	He	1045.029781	0.5	13788387.000
Co	59	1	He	86.767301	1.3	2028832.917
Ni	60	1	He	84.005640	0.9	539510.210
Cu	63	1	He	87.629809	2.1	1496187.497
Zn	66	1	He	83.176484	1.6	259496.603
As	75	1	He	82.676225	0.5	158364.367
Se	78	2	H2	82.799550	1.2	78911.757
Sr	88	1	He	83.829524	0.4	905665.483
Mo	95	1	He	80.998004	3.6	588504.670
Pd	105	1	He	84.896445	2.0	911104.150
Ag	107	1	He	49.102037	2.2	957236.237
Cd	111	1	He	82.656796	2.5	304776.630
Sn	118	1	He	81.057131	1.3	624024.353
Sb	121	1	He	81.530991	3.1	779195.353
Ba	138	1	He	83.050661	3.0	1689982.687
Pt	195	1	He	82.186477	1.3	772410.647
Hg	202	1	He	3.949312	1.1	16787.553
Tl	205	1	He	41.940609	1.7	1221651.727
Pb	208	1	He	82.767429	0.5	3282402.090
Bi	209	1	He	86.126725	0.8	2816643.083
Th	232	1	He	111.087598	1.2	4018027.963
U	238	1	He	83.824252	1.3	3047822.663

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	92.03572091	798374.043
Sc	45	2	H2	99.16113213	4836196.500
Ge	72	1	He	95.91648734	458387.313
Ge	72	2	H2	100.8213002	1451707.290
In	115	1	He	97.95346749	4008987.080
Tb	159	1	He	103.4213684	8687377.370
Ir	193	1	He	105.1051496	4212639.520

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	027_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 14:59:07
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.050060	13.6	169.500
Be	9	2	H2	0.008292	21.1	25.667
B	11	2	H2	1.012854	1.6	2580.893
Na	23	1	He	0.319519	64.4	22390.727
Mg	24	1	He	0.226942	15.8	696.690
Al	27	1	He	0.481686	17.6	1780.780
Si	28	2	H2	-3.433363		63580.770
K	39	1	He	0.507360	86.3	37901.863
Ca	43	1	He	-0.224116		19.030
Ti	47	1	He	0.012290	48.8	10.000
V	51	1	He	-0.001173		5.077
Cr	52	1	He	0.000987	72.7	1862.130
Mn	55	1	He	0.011949	9.9	443.343
Fe	56	1	He	0.052890	29.5	12703.713
Co	59	1	He	0.007866	7.1	401.343
Ni	60	1	He	-0.051763		4933.547
Cu	63	1	He	0.008088	55.9	822.693
Zn	66	1	He	-0.010469		852.697
As	75	1	He	0.009655	41.2	92.833
Se	78	2	H2	0.024598	15.4	46.333
Sr	88	1	He	0.006090	44.2	211.667
Mo	95	1	He	0.020186	15.4	180.000
Pd	105	1	He	0.019716	27.6	321.677
Ag	107	1	He	0.023859	35.5	631.687
Cd	111	1	He	0.016543	7.2	82.313
Sn	118	1	He	0.027385	12.0	578.353
Sb	121	1	He	0.026676	30.8	426.677
Ba	138	1	He	0.007972	26.6	400.010
Pt	195	1	He	0.006835	17.2	214.667
Hg	202	1	He	0.045019	9.4	189.333
Tl	205	1	He	-0.033766		775.033
Pb	208	1	He	0.014388	3.4	1265.030
Bi	209	1	He	0.008866	22.9	696.693
Th	232	1	He	0.045102	15.3	1848.490
U	238	1	He	0.008627	25.7	380.013

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.39310072	792799.563
Sc	45	2	H2	96.69182774	4715765.833
Ge	72	1	He	93.97460948	449107.030
Ge	72	2	H2	97.52172043	1404197.250
In	115	1	He	97.23942408	3979763.093
Tb	159	1	He	99.98014134	8398314.877
Ir	193	1	He	104.1599416	4174755.357

Sample Name	4551633_B74499Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	028SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:02:13
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.034578	3.5	136.333
Be	9	2	H2	0.002321	53.6	17.000
B	11	2	H2	0.635417	7.4	2119.323
Na	23	1	He	9.008691	1.9	42629.340
Mg	24	1	He	2.245366	2.5	3345.417
Al	27	1	He	2.765981	4.1	3093.003
Si	28	2	H2	-3.290106		64381.613
K	39	1	He	1.860472	14.2	39616.543
Ca	43	1	He	8.038747	8.4	49.770
Ti	47	1	He	0.014528	55.6	11.000
V	51	1	He	-0.015789		-167.343
Cr	52	1	He	0.028225	18.9	2275.523
Mn	55	1	He	0.037926	14.5	694.687
Fe	56	1	He	0.949072	72.2	24281.990
Co	59	1	He	0.006916	22.5	380.010
Ni	60	1	He	-0.005666		5229.653
Cu	63	1	He	0.044268	4.9	1430.077
Zn	66	1	He	0.753950	1.9	3186.370
As	75	1	He	0.002423	228.6	79.333
Se	78	2	H2	0.003168	151.7	26.667
Sr	88	1	He	0.012494	13.5	280.007
Mo	95	1	He	0.009298	19.8	100.667
Pd	105	1	He	0.008430	12.4	200.000
Ag	107	1	He	0.011057	22.6	381.677
Cd	111	1	He	0.010748	4.2	60.657
Sn	118	1	He	0.030570	27.3	598.353
Sb	121	1	He	0.028598	4.5	441.677
Ba	138	1	He	0.020097	14.0	641.690
Pt	195	1	He	0.002409	73.7	175.333
Hg	202	1	He	0.032833	7.8	140.000
Tl	205	1	He	-0.046173		428.347
Pb	208	1	He	0.018948	16.0	1425.050
Bi	209	1	He	0.007746	27.9	651.690
Th	232	1	He	0.014686	28.6	743.363
U	238	1	He	0.003602	20.9	195.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.42955768	793115.813
Sc	45	2	H2	97.69970283	4764921.000
Ge	72	1	He	94.13101376	449854.490
Ge	72	2	H2	97.81676530	1408445.547
In	115	1	He	96.56348523	3952098.630
Tb	159	1	He	100.4948744	8441552.373
Ir	193	1	He	102.7722539	4119136.500

Sample Name	4551634_B74499Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	029SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:05:18
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	107.528449	0.0	244382.273
Be	9	2	H2	109.195696	0.7	164355.667
B	11	2	H2	104.362344	0.7	137104.333
Na	23	1	He	2142.771725	0.8	5116797.527
Mg	24	1	He	2101.213508	0.6	2815773.393
Al	27	1	He	2146.875918	0.4	1260107.960
Si	28	2	H2	557.431903	0.4	2568523.333
K	39	1	He	2101.236880	1.3	2735006.523
Ca	43	1	He	2132.642035	1.5	8120.467
Ti	47	1	He	101.455256	0.2	45799.587
V	51	1	He	105.624826	3.6	1283993.703
Cr	52	1	He	106.622884	2.5	1650329.833
Mn	55	1	He	105.664111	2.5	1046764.750
Fe	56	1	He	2132.907754	0.4	28340607.333
Co	59	1	He	108.274620	2.7	2550710.833
Ni	60	1	He	105.987017	0.5	684384.543
Cu	63	1	He	107.653151	1.2	1851656.337
Zn	66	1	He	102.391443	0.3	321647.293
As	75	1	He	104.269424	0.5	201204.920
Se	78	2	H2	104.492749	2.0	99684.523
Sr	88	1	He	105.544964	2.7	1148675.740
Mo	95	1	He	104.198431	1.3	748446.957
Pd	105	1	He	21.794391	1.6	231271.180
Ag	107	1	He	62.373115	2.5	1201887.847
Cd	111	1	He	102.219958	1.3	372572.517
Sn	118	1	He	101.869850	1.6	774988.190
Sb	121	1	He	104.343952	1.1	985791.757
Ba	138	1	He	102.329678	2.4	2078590.697
Pt	195	1	He	20.708892	1.8	194426.067
Hg	202	1	He	0.030064	9.9	132.000
Tl	205	1	He	105.679075	0.5	3070849.327
Pb	208	1	He	104.656207	0.4	4051757.930
Bi	209	1	He	102.029596	0.9	3257288.597
Th	232	1	He	109.473964	1.3	3865210.153
U	238	1	He	104.216889	1.1	3699384.217

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	93.36914522	809940.980
Sc	45	2	H2	98.16908609	4787813.333
Ge	72	1	He	96.63611178	461826.417
Ge	72	2	H2	100.9261847	1453217.503
In	115	1	He	96.79969654	3961766.160
Tb	159	1	He	103.2460630	8672651.747
Ir	193	1	He	102.6119712	4112712.333

Sample Name	10638811001_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	030SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:08:05
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.054152	3.7	178.333
Be	9	2	H2	0.005672	57.5	21.667
B	11	2	H2	1.737053	5.4	3500.253
Na	23	1	He	6.961632	1.8	37409.997
Mg	24	1	He	3.221681	2.5	4570.763
Al	27	1	He	4.145367	2.9	3838.183
Si	28	2	H2	-3.715085		61530.607
K	39	1	He	3.543509	20.9	41232.647
Ca	43	1	He	16.801219	9.7	81.383
Ti	47	1	He	0.195892	85.3	90.007
V	51	1	He	-0.008111		-76.173
Cr	52	1	He	0.117979	2.1	3611.133
Mn	55	1	He	0.143359	7.4	1704.107
Fe	56	1	He	4.129156	0.7	65170.480
Co	59	1	He	0.011330	4.3	479.343
Ni	60	1	He	-0.007632		5193.637
Cu	63	1	He	0.142203	3.9	3056.343
Zn	66	1	He	0.276300	5.0	1721.447
As	75	1	He	0.009628	58.8	92.500
Se	78	2	H2	0.030915	33.6	51.333
Sr	88	1	He	0.022253	5.9	381.677
Mo	95	1	He	0.034488	14.2	278.000
Pd	105	1	He	0.007037	53.5	183.333
Ag	107	1	He	0.034118	22.1	813.367
Cd	111	1	He	0.022407	20.4	101.640
Sn	118	1	He	0.457492	7.0	3790.567
Sb	121	1	He	0.048312	9.6	620.020
Ba	138	1	He	0.060407	12.6	1436.760
Pt	195	1	He	-0.000715		146.667
Hg	202	1	He	0.026054	10.2	111.667
Tl	205	1	He	-0.007730		1510.107
Pb	208	1	He	0.072440	2.9	3501.877
Bi	209	1	He	0.013459	13.2	835.037
Th	232	1	He	0.068910	17.3	2665.310
U	238	1	He	0.013995	10.8	565.020

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.33473160	783618.623
Sc	45	2	H2	96.41976766	4702497.167
Ge	72	1	He	93.71221287	447853.030
Ge	72	2	H2	96.19736356	1385128.080
In	115	1	He	95.35439087	3902613.463
Tb	159	1	He	100.3091797	8425954.043
Ir	193	1	He	102.8603532	4122667.543

Sample Name	10638811002_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	031SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:11:10
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.042449	2.9	153.333
Be	9	2	H2	0.006531	22.9	23.167
B	11	2	H2	0.823009	2.1	2349.190
Na	23	1	He	2.238754	2.0	26671.297
Mg	24	1	He	5.429750	2.3	7468.657
Al	27	1	He	5.005960	0.9	4346.660
Si	28	2	H2	-3.061038		65275.293
K	39	1	He	2.619545	37.1	40273.260
Ca	43	1	He	26.004365	6.3	115.730
Ti	47	1	He	0.227335	15.8	104.333
V	51	1	He	0.027287	24.1	340.880
Cr	52	1	He	0.049638	7.8	2586.243
Mn	55	1	He	0.334879	4.3	3543.787
Fe	56	1	He	7.950530	0.5	114376.910
Co	59	1	He	0.013879	17.8	537.347
Ni	60	1	He	-0.023646		5093.597
Cu	63	1	He	0.148290	0.6	3157.700
Zn	66	1	He	0.368769	2.6	2002.150
As	75	1	He	0.008011	42.6	89.500
Se	78	2	H2	0.009661	12.0	32.667
Sr	88	1	He	0.026067	20.7	421.677
Mo	95	1	He	0.015817	27.5	148.000
Pd	105	1	He	0.004596	127.2	160.000
Ag	107	1	He	0.012897	26.7	418.343
Cd	111	1	He	0.017758	28.2	86.317
Sn	118	1	He	8.762366	1.6	67016.297
Sb	121	1	He	0.025320	29.4	411.677
Ba	138	1	He	0.061575	3.6	1468.430
Pt	195	1	He	-0.000735		147.333
Hg	202	1	He	0.023034	20.2	100.000
Tl	205	1	He	-0.042783		526.683
Pb	208	1	He	0.153727	4.4	6657.393
Bi	209	1	He	0.008596	5.7	680.020
Th	232	1	He	0.027212	16.5	1190.070
U	238	1	He	0.009457	8.8	403.343

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.76261632	787330.357
Sc	45	2	H2	97.16261553	4738726.667
Ge	72	1	He	93.70217177	447805.043
Ge	72	2	H2	97.54895345	1404589.373
In	115	1	He	96.81904565	3962558.070
Tb	159	1	He	100.9397712	8478923.623
Ir	193	1	He	102.9379346	4125777.023

Sample Name	10638811003_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	032SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:15:26
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.025894	12.9	115.667
Be	9	2	H2	-0.005540		5.167
B	11	2	H2	0.409893	3.5	1812.280
Na	23	1	He	27.214131	2.4	84602.790
Mg	24	1	He	2.292365	2.0	3390.427
Al	27	1	He	-0.420731		1257.390
Si	28	2	H2	-5.071130		57651.423
K	39	1	He	7.169749	1.6	46067.407
Ca	43	1	He	4.588536	19.3	36.767
Ti	47	1	He	0.010879	43.8	9.333
V	51	1	He	-0.004114		-30.893
Cr	52	1	He	0.050710	8.8	2598.247
Mn	55	1	He	0.047115	0.9	778.687
Fe	56	1	He	0.805543	3.0	22329.640
Co	59	1	He	0.001096	116.6	245.337
Ni	60	1	He	-0.023601		5086.927
Cu	63	1	He	0.047718	7.1	1478.750
Zn	66	1	He	0.129626	4.7	1274.060
As	75	1	He	-0.006896		61.500
Se	78	2	H2	0.003163	297.4	27.000
Sr	88	1	He	0.021001	38.3	368.343
Mo	95	1	He	0.007639	27.5	90.000
Pd	105	1	He	0.002744	84.7	141.667
Ag	107	1	He	0.001725	81.1	205.000
Cd	111	1	He	0.002105	69.4	29.657
Sn	118	1	He	0.019519	37.3	521.680
Sb	121	1	He	0.014916	30.1	316.677
Ba	138	1	He	0.221948	4.5	4654.180
Pt	195	1	He	-0.002754		128.667
Hg	202	1	He	0.018952	23.4	83.000
Tl	205	1	He	-0.052579		248.337
Pb	208	1	He	0.001016	4.6	740.020
Bi	209	1	He	0.001817	118.9	468.343
Th	232	1	He	0.009584	44.4	570.020
U	238	1	He	-0.000445		51.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.98929546	789296.710
Sc	45	2	H2	96.91763775	4726778.833
Ge	72	1	He	93.57117783	447179.020
Ge	72	2	H2	99.45609854	1432050.003
In	115	1	He	97.89443737	4006571.127
Tb	159	1	He	100.9801433	8482314.873
Ir	193	1	He	104.2540108	4178525.670

Sample Name	10638811004_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	033SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:18:31
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.021102	17.0	103.833
Be	9	2	H2	0.007773	15.9	24.667
B	11	2	H2	0.295567	2.1	1647.093
Na	23	1	He	-0.186744		21118.863
Mg	24	1	He	1.644521	3.4	2545.250
Al	27	1	He	-1.135210		849.360
Si	28	2	H2	-3.547061		63284.277
K	39	1	He	0.448930	90.1	37666.300
Ca	43	1	He	1.413449	149.2	25.037
Ti	47	1	He	0.006356	127.2	7.333
V	51	1	He	-0.016343		-171.343
Cr	52	1	He	0.079052	15.4	2992.993
Mn	55	1	He	0.007052	35.5	390.677
Fe	56	1	He	0.396138	5.6	16897.417
Co	59	1	He	0.000408	437.2	227.333
Ni	60	1	He	-0.020730		5054.917
Cu	63	1	He	0.398662	1.3	7250.540
Zn	66	1	He	-0.136815		461.343
As	75	1	He	-0.005234		64.000
Se	78	2	H2	-0.001974		22.000
Sr	88	1	He	-0.002246		121.667
Mo	95	1	He	0.001996	15.6	48.667
Pd	105	1	He	0.000815	384.0	120.000
Ag	107	1	He	0.000885	119.0	186.667
Cd	111	1	He	0.000469	341.6	23.330
Sn	118	1	He	0.012716	40.4	465.013
Sb	121	1	He	0.015188	10.2	316.677
Ba	138	1	He	0.001109	96.1	265.003
Pt	195	1	He	-0.003426		121.333
Hg	202	1	He	0.020198	1.2	87.333
Tl	205	1	He	-0.053736		213.333
Pb	208	1	He	0.002635	48.2	798.353
Bi	209	1	He	-0.000435		393.343
Th	232	1	He	0.005084	52.7	408.343
U	238	1	He	-0.000248		58.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.00158458	789403.313
Sc	45	2	H2	95.84803551	4674613.167
Ge	72	1	He	92.66174830	442832.833
Ge	72	2	H2	97.74130724	1407359.040
In	115	1	He	96.99008108	3969558.117
Tb	159	1	He	99.98671870	8398867.373
Ir	193	1	He	103.6157233	4152942.957

Sample Name	10638811005_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	034SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:21:37
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.019968	20.7	103.000
Be	9	2	H2	-0.006245		4.167
B	11	2	H2	0.155883	18.7	1493.740
Na	23	1	He	-1.014531		19189.540
Mg	24	1	He	1.467591	6.0	2311.870
Al	27	1	He	-1.193710		815.353
Si	28	2	H2	-3.363069		63117.573
K	39	1	He	0.185523	243.2	37311.893
Ca	43	1	He	1.095198	103.9	23.803
Ti	47	1	He	0.004035	127.0	6.333
V	51	1	He	-0.007704		-72.510
Cr	52	1	He	0.024012	16.0	2196.843
Mn	55	1	He	-0.007090		258.667
Fe	56	1	He	0.077428	20.2	12953.937
Co	59	1	He	-0.002957		152.667
Ni	60	1	He	-0.047992		4932.210
Cu	63	1	He	0.024313	12.2	1088.047
Zn	66	1	He	-0.197813		280.667
As	75	1	He	-0.010606		54.500
Se	78	2	H2	0.000012	93427.	23.333
Sr	88	1	He	-0.004898		95.000
Mo	95	1	He	0.000337	416.6	36.667
Pd	105	1	He	0.003357	52.9	146.667
Ag	107	1	He	0.000896	53.6	186.667
Cd	111	1	He	-0.000262		20.667
Sn	118	1	He	0.005811	41.0	411.677
Sb	121	1	He	0.012752	43.0	293.340
Ba	138	1	He	-0.001529		213.333
Pt	195	1	He	-0.003506		120.667
Hg	202	1	He	0.018209	12.8	79.000
Tl	205	1	He	-0.054137		201.667
Pb	208	1	He	-0.001545		633.347
Bi	209	1	He	0.000036	6531.4	406.680
Th	232	1	He	0.003267	24.6	341.677
U	238	1	He	-0.000993		31.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.94745881	788933.793
Sc	45	2	H2	97.39299449	4749962.500
Ge	72	1	He	93.50095152	446843.407
Ge	72	2	H2	96.28522982	1386393.250
In	115	1	He	96.80273394	3961890.473
Tb	159	1	He	99.92583068	8393752.790
Ir	193	1	He	103.3264208	4141347.643

Sample Name	10638811006_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	035SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:24:43
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.021438	25.0	106.500
Be	9	2	H2	0.011332	19.1	30.500
B	11	2	H2	0.119234	15.1	1450.070
Na	23	1	He	-1.127515		18987.537
Mg	24	1	He	1.596452	9.7	2488.570
Al	27	1	He	-1.162810		835.690
Si	28	2	H2	-3.953690		60432.560
K	39	1	He	0.258699	312.4	37519.267
Ca	43	1	He	2.347177	48.2	28.557
Ti	47	1	He	-0.001287		4.000
V	51	1	He	-0.037758		-424.117
Cr	52	1	He	-0.001941		1804.787
Mn	55	1	He	-0.006606		262.667
Fe	56	1	He	-0.103896		10600.000
Co	59	1	He	-0.001619		182.667
Ni	60	1	He	-0.030246		5030.243
Cu	63	1	He	1.077770	1.5	18570.903
Zn	66	1	He	-0.090651		604.017
As	75	1	He	-0.004028		66.667
Se	78	2	H2	-0.001497		22.000
Sr	88	1	He	-0.002805		116.667
Mo	95	1	He	-0.000531		30.667
Pd	105	1	He	0.001361	281.9	126.667
Ag	107	1	He	0.000549	455.5	181.667
Cd	111	1	He	-0.002591		12.333
Sn	118	1	He	0.004626	164.8	406.677
Sb	121	1	He	0.014409	45.7	311.673
Ba	138	1	He	0.002615	33.8	291.677
Pt	195	1	He	-0.000246		148.667
Hg	202	1	He	0.019535	9.4	83.667
Tl	205	1	He	-0.054322		195.000
Pb	208	1	He	-0.003181		566.677
Bi	209	1	He	0.000289	571.2	413.343
Th	232	1	He	0.000626	142.6	246.670
U	238	1	He	-0.000941		33.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.23360499	791416.000
Sc	45	2	H2	97.66399862	4763179.667
Ge	72	1	He	93.28280243	445800.867
Ge	72	2	H2	96.03569239	1382800.207
In	115	1	He	97.80420025	4002877.950
Tb	159	1	He	98.90938771	8308371.753
Ir	193	1	He	102.7665699	4118908.687

Sample Name	CB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	036SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:27:48
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.025301	21.8	113.000
Be	9	2	H2	-0.003074		8.833
B	11	2	H2	0.152860	8.0	1466.243
Na	23	1	He	11.673652	2.8	48308.823
Mg	24	1	He	2.717443	5.8	3922.233
Al	27	1	He	1.102324	5.1	2114.823
Si	28	2	H2	-1.671629		70397.307
K	39	1	He	2.596057	14.1	40106.177
Ca	43	1	He	7.264728	11.9	46.387
Ti	47	1	He	0.017853	99.3	12.333
V	51	1	He	-0.027151		-294.707
Cr	52	1	He	0.045924	4.5	2476.890
Mn	55	1	He	0.022017	19.1	527.343
Fe	56	1	He	0.198941	12.9	14238.520
Co	59	1	He	-0.000555		203.333
Ni	60	1	He	-0.004653		5101.603
Cu	63	1	He	0.164676	5.0	3359.080
Zn	66	1	He	0.644444	3.0	2778.953
As	75	1	He	0.006264	69.9	84.333
Se	78	2	H2	0.003153	383.4	26.000
Sr	88	1	He	0.052178	162.1	688.033
Mo	95	1	He	0.004562	17.7	66.000
Pd	105	1	He	0.079247	17.2	938.377
Ag	107	1	He	0.003871	61.4	240.003
Cd	111	1	He	0.001030	288.4	24.990
Sn	118	1	He	0.039302	31.5	655.023
Sb	121	1	He	0.022022	14.7	375.010
Ba	138	1	He	0.012750	26.3	486.680
Pt	195	1	He	-0.002265		130.000
Hg	202	1	He	0.014768	13.0	64.000
Tl	205	1	He	-0.055368		165.000
Pb	208	1	He	0.027332	5.9	1721.730
Bi	209	1	He	0.000713	81.8	420.010
Th	232	1	He	0.002803	27.4	318.343
U	238	1	He	0.000028	4812.1	66.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.44750554	784596.893
Sc	45	2	H2	95.88197639	4676268.500
Ge	72	1	He	91.71802657	438322.763
Ge	72	2	H2	96.23731222	1385703.293
In	115	1	He	95.28487895	3899768.517
Tb	159	1	He	98.45212734	8269961.960
Ir	193	1	He	101.1305029	4053334.730

Sample Name	10638811003_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	037SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:30:54
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.015386	23.2	91.833
Be	9	2	H2	-0.006788		3.333
B	11	2	H2	0.003409	364.3	1283.893
Na	23	1	He	-0.033272		21294.143
Mg	24	1	He	0.509297	11.8	1053.380
Al	27	1	He	-1.656145		547.010
Si	28	2	H2	-4.956484		57166.150
K	39	1	He	1.455865	10.3	38595.353
Ca	43	1	He	0.292137	185.4	20.683
Ti	47	1	He	0.009531	100.3	8.667
V	51	1	He	-0.018427		-196.287
Cr	52	1	He	0.020314	28.0	2120.167
Mn	55	1	He	-0.004351		282.000
Fe	56	1	He	-0.056974		11114.373
Co	59	1	He	-0.003740		133.333
Ni	60	1	He	-0.050066		4869.523
Cu	63	1	He	0.013668	28.4	902.033
Zn	66	1	He	-0.103239		561.350
As	75	1	He	-0.004217		65.833
Se	78	2	H2	-0.004765		19.333
Sr	88	1	He	-0.005915		83.333
Mo	95	1	He	0.000544	158.6	37.333
Pd	105	1	He	0.006545	53.5	176.667
Ag	107	1	He	0.000754	255.0	180.000
Cd	111	1	He	-0.002854		11.000
Sn	118	1	He	0.002712	231.3	380.010
Sb	121	1	He	0.013798	22.5	296.673
Ba	138	1	He	-0.001018		220.000
Pt	195	1	He	-0.003612		118.000
Hg	202	1	He	0.016499	5.5	71.000
Tl	205	1	He	-0.056032		146.667
Pb	208	1	He	0.001849	61.7	748.353
Bi	209	1	He	-0.000561		380.010
Th	232	1	He	-0.000454		205.003
U	238	1	He	-0.001255		21.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.22998646	782710.000
Sc	45	2	H2	96.45757695	4704341.167
Ge	72	1	He	92.56009368	442347.023
Ge	72	2	H2	97.70735792	1406870.210
In	115	1	He	94.79170287	3879584.070
Tb	159	1	He	98.45909910	8270547.587
Ir	193	1	He	101.0162555	4048755.667

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	038_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:36:42
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	83.279636	1.7	193467.763
Be	9	2	H2	83.524204	1.4	128502.193
B	11	2	H2	80.318176	1.2	108162.467
Na	23	1	He	2081.759648	0.9	4894058.470
Mg	24	1	He	2050.142887	0.1	2704573.087
Al	27	1	He	2081.154883	1.3	1202444.247
Si	28	2	H2	1024.597551	0.6	4714426.667
K	39	1	He	2027.538975	1.6	2599087.983
Ca	43	1	He	2065.307498	1.8	7741.490
Ti	47	1	He	83.197130	0.4	36972.420
V	51	1	He	86.116888	0.9	1045299.000
Cr	52	1	He	87.121238	2.2	1346667.417
Mn	55	1	He	83.494132	1.3	825910.917
Fe	56	1	He	1043.820726	2.3	13852467.333
Co	59	1	He	89.006594	0.7	2093439.247
Ni	60	1	He	84.703348	0.9	547146.627
Cu	63	1	He	88.184977	1.4	1514466.333
Zn	66	1	He	83.197785	0.7	261099.747
As	75	1	He	82.712439	0.4	159372.440
Se	78	2	H2	82.687272	1.6	79928.450
Sr	88	1	He	83.749187	1.2	910145.403
Mo	95	1	He	79.804083	0.3	600350.497
Pd	105	1	He	83.821957	0.7	931200.297
Ag	107	1	He	48.050401	0.2	969695.400
Cd	111	1	He	81.381539	1.3	310650.643
Sn	118	1	He	80.049309	0.6	637880.057
Sb	121	1	He	80.054406	0.8	792117.877
Ba	138	1	He	84.705254	1.9	1729799.660
Pt	195	1	He	83.332607	2.4	785850.730
Hg	202	1	He	3.967185	1.4	16921.067
Tl	205	1	He	43.471979	2.0	1270601.957
Pb	208	1	He	85.348401	0.9	3390026.880
Bi	209	1	He	86.932363	0.9	2847568.187
Th	232	1	He	114.049032	1.2	4131680.150
U	238	1	He	84.594701	2.3	3081096.517

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.91467264	797323.997
Sc	45	2	H2	100.3401195	4893697.000
Ge	72	1	He	96.48271160	461093.313
Ge	72	2	H2	102.2621161	1472453.333
In	115	1	He	101.3709847	4148857.397
Tb	159	1	He	103.7798637	8717490.913
Ir	193	1	He	105.2722545	4219337.123

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	039_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:39:31
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.033403	9.2	132.833
Be	9	2	H2	0.009777	18.4	28.000
B	11	2	H2	0.508985	5.9	1942.630
Na	23	1	He	0.383024	34.7	22632.813
Mg	24	1	He	0.167745	38.0	621.683
Al	27	1	He	0.296491	39.0	1681.433
Si	28	2	H2	-4.790157		56954.903
K	39	1	He	0.122579	197.7	37577.640
Ca	43	1	He	0.921792	28.4	23.387
Ti	47	1	He	0.012188	18.0	10.000
V	51	1	He	-0.017833		-191.503
Cr	52	1	He	-0.002558		1814.120
Mn	55	1	He	0.009275	36.8	418.677
Fe	56	1	He	0.033579	20.9	12490.187
Co	59	1	He	0.007327	42.3	390.007
Ni	60	1	He	-0.058757		4904.867
Cu	63	1	He	0.005763	34.0	786.023
Zn	66	1	He	-0.011093		853.363
As	75	1	He	0.010768	20.8	95.167
Se	78	2	H2	0.017105	69.5	39.000
Sr	88	1	He	0.005408	33.0	205.000
Mo	95	1	He	0.014857	16.3	142.667
Pd	105	1	He	0.013747	35.9	260.003
Ag	107	1	He	0.028228	27.4	723.357
Cd	111	1	He	0.014197	9.1	74.320
Sn	118	1	He	0.027672	5.1	585.020
Sb	121	1	He	0.011345	30.5	283.343
Ba	138	1	He	0.007112	37.8	385.010
Pt	195	1	He	0.005716	68.3	205.333
Hg	202	1	He	0.037324	10.4	158.000
Tl	205	1	He	-0.037330		676.690
Pb	208	1	He	0.008508	12.1	1025.023
Bi	209	1	He	0.008841	6.5	690.027
Th	232	1	He	0.050315	20.9	2016.853
U	238	1	He	0.008550	17.8	371.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.78143208	796168.187
Sc	45	2	H2	97.05427949	4733443.000
Ge	72	1	He	94.24965929	450421.500
Ge	72	2	H2	96.15903888	1384576.250
In	115	1	He	97.99646983	4010747.057
Tb	159	1	He	100.2948468	8424750.083
Ir	193	1	He	103.2326376	4137588.790

Sample Name	10638811006_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	040SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:42:37
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.019433	26.9	102.333
Be	9	2	H2	-0.003937		7.667
B	11	2	H2	0.155550	11.2	1501.080
Na	23	1	He	-0.375937		20873.473
Mg	24	1	He	1.315371	10.1	2135.173
Al	27	1	He	-1.260547		785.020
Si	28	2	H2	-2.286246		67827.207
K	39	1	He	0.602131	60.2	38212.670
Ca	43	1	He	2.353508	280.6	28.670
Ti	47	1	He	0.006184	57.3	7.333
V	51	1	He	-0.024706		-274.913
Cr	52	1	He	0.090263	5.4	3227.713
Mn	55	1	He	0.035410	14.5	674.020
Fe	56	1	He	2.661016	2.0	46730.113
Co	59	1	He	-0.000672		207.333
Ni	60	1	He	-0.019655		5170.963
Cu	63	1	He	0.134136	4.1	2952.320
Zn	66	1	He	-0.107086		562.680
As	75	1	He	-0.003759		68.167
Se	78	2	H2	0.006669	122.6	29.667
Sr	88	1	He	0.330555	174.2	3683.177
Mo	95	1	He	0.002286	137.3	50.000
Pd	105	1	He	0.000773	152.9	118.333
Ag	107	1	He	0.004805	21.8	260.003
Cd	111	1	He	0.001802	52.3	27.993
Sn	118	1	He	0.003519	177.1	391.677
Sb	121	1	He	0.011077	43.4	275.007
Ba	138	1	He	0.002964	65.1	303.343
Pt	195	1	He	-0.003874		118.000
Hg	202	1	He	0.021881	5.2	94.667
Tl	205	1	He	-0.051874		266.673
Pb	208	1	He	0.000493	278.4	708.350
Bi	209	1	He	0.001141	70.4	440.010
Th	232	1	He	0.014548	11.7	738.360
U	238	1	He	0.000002	37934.	66.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.85067399	796768.833
Sc	45	2	H2	97.90809815	4775084.667
Ge	72	1	He	94.66556977	452409.147
Ge	72	2	H2	96.46045535	1388916.290
In	115	1	He	96.02815441	3930188.897
Tb	159	1	He	100.4668610	8439199.250
Ir	193	1	He	102.7012090	4116289.003

Sample Name	10638811001_B74499Dx1
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	041SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:45:42
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.015081	15.4	91.000
Be	9	2	H2	-0.006554		3.667
B	11	2	H2	0.050642	37.6	1343.397
Na	23	1	He	0.047778	279.2	21854.877
Mg	24	1	He	1.197543	2.6	1978.487
Al	27	1	He	-1.279402		773.687
Si	28	2	H2	-2.182754		68971.953
K	39	1	He	0.669326	86.2	38274.453
Ca	43	1	He	4.110223	19.0	35.300
Ti	47	1	He	0.007685	30.1	8.000
V	51	1	He	-0.021996		-241.477
Cr	52	1	He	0.047205	17.9	2564.240
Mn	55	1	He	0.009621	37.5	422.010
Fe	56	1	He	0.549534	7.3	19174.307
Co	59	1	He	-0.003301		146.000
Ni	60	1	He	0.070113	23.8	5709.840
Cu	63	1	He	0.062606	1.9	1739.447
Zn	66	1	He	-0.101884		576.010
As	75	1	He	-0.004740		66.000
Se	78	2	H2	0.000285	391.8	24.000
Sr	88	1	He	-0.000733		140.000
Mo	95	1	He	0.003298	80.5	58.000
Pd	105	1	He	0.001903	146.8	131.667
Ag	107	1	He	0.003134	100.0	230.003
Cd	111	1	He	-0.001285		16.993
Sn	118	1	He	0.011835	33.3	458.343
Sb	121	1	He	0.010926	64.4	276.670
Ba	138	1	He	0.013047	10.7	503.343
Pt	195	1	He	-0.001573		139.333
Hg	202	1	He	0.021109	8.0	91.667
Tl	205	1	He	-0.053859		211.670
Pb	208	1	He	0.007039	15.8	968.357
Bi	209	1	He	-0.000349		395.010
Th	232	1	He	0.005933	44.3	436.680
U	238	1	He	-0.000854		36.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.80622666	796383.270
Sc	45	2	H2	96.38828385	4700961.667
Ge	72	1	He	94.26573230	450498.313
Ge	72	2	H2	97.50795772	1403999.083
In	115	1	He	96.97438249	3968915.613
Tb	159	1	He	100.7092350	8459558.623
Ir	193	1	He	103.3338097	4141643.790

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	042_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:48:47
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	85.014446	1.6	194370.593
Be	9	2	H2	85.395501	1.2	129307.760
B	11	2	H2	82.427108	1.8	109208.217
Na	23	1	He	2048.439527	1.6	4903902.950
Mg	24	1	He	2033.154901	1.5	2731037.770
Al	27	1	He	2060.472045	2.4	1212245.040
Si	28	2	H2	1061.807813	3.0	4750174.833
K	39	1	He	2032.064237	2.0	2652393.450
Ca	43	1	He	2042.520498	0.7	7796.357
Ti	47	1	He	82.151235	0.5	37172.930
V	51	1	He	87.626832	1.5	1051325.460
Cr	52	1	He	87.832083	1.9	1342054.540
Mn	55	1	He	84.671399	1.0	827885.227
Fe	56	1	He	1056.673102	1.8	13860853.333
Co	59	1	He	89.108250	0.9	2071616.877
Ni	60	1	He	85.314198	1.7	544634.937
Cu	63	1	He	87.504704	1.3	1485398.290
Zn	66	1	He	82.887336	1.1	257108.603
As	75	1	He	83.632546	1.1	159265.213
Se	78	2	H2	83.323146	2.5	78356.453
Sr	88	1	He	85.072879	1.3	913747.433
Mo	95	1	He	81.541459	0.5	591585.373
Pd	105	1	He	85.442653	0.3	915460.637
Ag	107	1	He	48.887487	0.6	951493.110
Cd	111	1	He	82.466843	0.9	303580.287
Sn	118	1	He	81.745722	0.8	628206.110
Sb	121	1	He	81.293548	0.3	775762.487
Ba	138	1	He	84.426566	1.7	1669720.807
Pt	195	1	He	82.960805	0.9	757839.750
Hg	202	1	He	3.974559	1.5	16419.750
Tl	205	1	He	42.882647	2.3	1213942.583
Pb	208	1	He	84.761012	3.0	3265114.557
Bi	209	1	He	88.920603	4.3	2823856.627
Th	232	1	He	114.196728	4.1	4010989.313
U	238	1	He	83.981305	2.2	2966533.080

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	93.58752659	811835.353
Sc	45	2	H2	98.76877879	4817061.000
Ge	72	1	He	95.36561629	455754.687
Ge	72	2	H2	99.55138971	1433422.083
In	115	1	He	97.76510295	4001277.797
Tb	159	1	He	100.5036840	8442292.373
Ir	193	1	He	102.1487468	4094146.187

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	043_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:51:36
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.040247	16.1	146.333
Be	9	2	H2	0.011809	19.5	30.667
B	11	2	H2	0.642365	13.8	2088.820
Na	23	1	He	0.264513	52.3	22272.263
Mg	24	1	He	0.274888	9.2	760.030
Al	27	1	He	0.393472	10.7	1731.107
Si	28	2	H2	-3.700506		61943.017
K	39	1	He	0.305890	134.3	37667.863
Ca	43	1	He	-0.076492		19.593
Ti	47	1	He	0.012287	49.1	10.000
V	51	1	He	0.015587	61.8	202.897
Cr	52	1	He	-0.003190		1788.120
Mn	55	1	He	0.015436	18.0	474.010
Fe	56	1	He	0.043207	40.5	12502.870
Co	59	1	He	0.008587	4.7	415.343
Ni	60	1	He	-0.034015		5013.570
Cu	63	1	He	0.010678	16.0	860.697
Zn	66	1	He	-0.010264		848.030
As	75	1	He	0.007005	47.8	87.333
Se	78	2	H2	0.033663	21.5	54.333
Sr	88	1	He	0.004630	107.8	195.003
Mo	95	1	He	0.016143	20.8	150.667
Pd	105	1	He	0.015061	13.7	271.673
Ag	107	1	He	0.028266	18.0	715.027
Cd	111	1	He	0.017860	11.8	86.987
Sn	118	1	He	0.024090	22.6	551.683
Sb	121	1	He	0.015509	6.7	320.010
Ba	138	1	He	0.008458	26.3	410.010
Pt	195	1	He	0.007594	25.2	222.000
Hg	202	1	He	0.043175	11.2	181.667
Tl	205	1	He	-0.036302		703.360
Pb	208	1	He	0.008732	37.3	1048.360
Bi	209	1	He	0.009467	33.5	720.030
Th	232	1	He	0.049972	25.2	2030.193
U	238	1	He	0.009528	25.9	413.347

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	91.43909202	793198.520
Sc	45	2	H2	95.90360464	4677323.333
Ge	72	1	He	93.40013947	446361.623
Ge	72	2	H2	96.74473220	1393009.540
In	115	1	He	97.02118701	3970831.203
Tb	159	1	He	100.0702258	8405881.957
Ir	193	1	He	104.7504861	4198424.520

Sample Name	4546777_B74417Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	044SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:54:42
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.024001	2.8	113.000
Be	9	2	H2	-0.005935		4.667
B	11	2	H2	0.513198	4.1	1970.300
Na	23	1	He	20.291471	93.9	69735.673
Mg	24	1	He	1.755767	6.8	2731.947
Al	27	1	He	32.245231	1.5	20230.470
Si	28	2	H2	-4.173242		60975.553
K	39	1	He	0.044797	25.8	37738.080
Ca	43	1	He	4.879540	15.2	38.423
Ti	47	1	He	0.098587	1.5	48.667
V	51	1	He	-0.000415		16.523
Cr	52	1	He	0.074049	9.2	2983.653
Mn	55	1	He	0.027074	15.4	593.347
Fe	56	1	He	2.153297	1.5	40135.317
Co	59	1	He	0.004617	50.2	329.340
Ni	60	1	He	-0.050129		4981.560
Cu	63	1	He	0.020505	5.8	1038.040
Zn	66	1	He	0.047783	32.2	1038.043
As	75	1	He	-0.005880		64.167
Se	78	2	H2	0.003259	66.2	27.000
Sr	88	1	He	0.008585	53.6	240.003
Mo	95	1	He	0.039384	9.2	321.337
Pd	105	1	He	-0.000258		110.000
Ag	107	1	He	0.005867	13.8	286.673
Cd	111	1	He	0.005331	9.4	41.637
Sn	118	1	He	0.010037	15.8	450.010
Sb	121	1	He	0.017189	27.7	340.010
Ba	138	1	He	0.023799	10.9	720.027
Pt	195	1	He	0.006114	47.8	210.667
Hg	202	1	He	0.030047	10.3	129.333
Tl	205	1	He	-0.051547		278.340
Pb	208	1	He	0.003547	18.3	833.353
Bi	209	1	He	0.003538	61.7	520.017
Th	232	1	He	0.015080	23.4	761.697
U	238	1	He	0.000544	48.1	86.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	92.41680661	801679.813
Sc	45	2	H2	98.16679990	4787701.833
Ge	72	1	He	94.69209610	452535.917
Ge	72	2	H2	98.49007833	1418140.457
In	115	1	He	98.17708229	4018139.067
Tb	159	1	He	101.1975321	8500575.497
Ir	193	1	He	103.5179612	4149024.627

Sample Name	4546778_B74417Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	045SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 15:57:48
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	108.224297	2.6	246438.207
Be	9	2	H2	110.230214	2.9	166226.100
B	11	2	H2	105.029893	3.2	138232.253
Na	23	1	He	2173.703394	0.7	5167338.987
Mg	24	1	He	2103.680447	3.2	2806568.187
Al	27	1	He	2190.025425	1.6	1279670.170
Si	28	2	H2	558.627257	2.0	2508964.833
K	39	1	He	2138.408962	0.3	2770391.207
Ca	43	1	He	2187.494378	1.0	8291.633
Ti	47	1	He	102.592430	0.7	46107.503
V	51	1	He	107.356799	0.6	1311688.500
Cr	52	1	He	109.138370	1.2	1697697.833
Mn	55	1	He	104.853341	0.6	1043943.960
Fe	56	1	He	2171.304316	1.2	28993853.333
Co	59	1	He	109.404247	0.5	2589924.583
Ni	60	1	He	106.934725	0.4	693868.083
Cu	63	1	He	107.790402	0.8	1863272.497
Zn	66	1	He	102.547971	0.5	323724.523
As	75	1	He	103.095936	0.2	199924.440
Se	78	2	H2	106.211437	1.9	98739.890
Sr	88	1	He	105.016177	0.9	1148671.520
Mo	95	1	He	103.976915	0.7	742395.437
Pd	105	1	He	21.716081	0.9	229062.137
Ag	107	1	He	64.773459	0.5	1240619.540
Cd	111	1	He	104.357675	0.7	378083.617
Sn	118	1	He	102.325533	1.2	773807.590
Sb	121	1	He	105.219712	1.2	988095.613
Ba	138	1	He	106.634260	0.9	2120220.127
Pt	195	1	He	20.889971	1.1	191952.463
Hg	202	1	He	0.026888	4.1	116.000
Tl	205	1	He	108.756808	0.5	3092858.913
Pb	208	1	He	107.173659	0.8	4104695.097
Bi	209	1	He	103.807421	3.0	3278446.513
Th	232	1	He	111.719252	0.7	3902459.317
U	238	1	He	106.826965	0.7	3751454.320

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	92.95528419	806350.897
Sc	45	2	H2	98.42109673	4800104.167
Ge	72	1	He	97.11294333	464105.207
Ge	72	2	H2	98.39180381	1416725.420
In	115	1	He	96.21447892	3937814.687
Tb	159	1	He	101.0435313	8487639.457
Ir	193	1	He	101.5093238	4068517.960

Sample Name	10637850001_B74417Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	046SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:00:34
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	5.896789	2.4	14667.657
Be	9	2	H2	0.022225	13.9	51.333
B	11	2	H2	147.427515	3.1	210501.753
Na	23	1	He	64117.61849	0.6	154984154.357
Mg	24	1	He	28448.93587	1.1	38748983.587
Al	27	1	He	14.444854	0.6	10169.917
Si	28	2	H2	9664.639494	1.1	43531086.667
K	39	1	He	18582.28792	1.2	24281433.807
Ca	43	1	He	80501.53491	0.9	310809.957
Ti	47	1	He	0.145069	13.9	71.333
V	51	1	He	0.151676	11.4	1836.337
Cr	52	1	He	0.415669	2.0	8201.717
Mn	55	1	He	2.020220	1.7	20041.513
Fe	56	1	He	3.752537	1.1	61271.363
Co	59	1	He	0.172186	2.1	4219.980
Ni	60	1	He	2.880144	1.9	23499.533
Cu	63	1	He	3.699793	2.2	63356.420
Zn	66	1	He	3.138098	0.5	10579.327
As	75	1	He	0.779039	4.2	1555.587
Se	78	2	H2	0.469935	0.7	476.343
Sr	88	1	He	94.548744	1.1	1013723.083
Mo	95	1	He	11.381871	1.0	80388.647
Pd	105	1	He	0.006629	26.1	178.333
Ag	107	1	He	0.038566	17.7	896.703
Cd	111	1	He	0.024205	18.2	107.963
Sn	118	1	He	0.070092	7.6	885.037
Sb	121	1	He	127.066930	0.5	1179926.960
Ba	138	1	He	50.634359	0.3	977324.437
Pt	195	1	He	0.014851	14.7	282.000
Hg	202	1	He	0.028309	3.2	118.333
Tl	205	1	He	-0.004223		1575.113
Pb	208	1	He	0.029502	3.5	1701.727
Bi	209	1	He	0.015120	21.2	823.370
Th	232	1	He	0.103455	24.6	3605.577
U	238	1	He	0.792693	1.5	26214.070

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	94.91051123	823311.730
Sc	45	2	H2	107.0570632	5221289.667
Ge	72	1	He	95.19602941	454944.227
Ge	72	2	H2	101.7020469	1464389.000
In	115	1	He	95.14086930	3893874.567
Tb	159	1	He	98.07850805	8238578.003
Ir	193	1	He	95.37967716	3822840.257

Sample Name	4547882_B74417Dx5
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	047SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:03:37
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	1.253994	1.4	2968.133
Be	9	2	H2	-0.000700		12.833
B	11	2	H2	32.672106	0.8	44733.013
Na	23	1	He	12931.05287	0.2	31224474.533
Mg	24	1	He	5599.109388	1.3	7613655.303
Al	27	1	He	2.267810	2.8	2908.967
Si	28	2	H2	1844.465322	2.5	8319988.833
K	39	1	He	3730.307129	0.7	4897815.863
Ca	43	1	He	15869.40879	1.1	61187.797
Ti	47	1	He	0.033391	40.4	20.000
V	51	1	He	-0.034094		-399.320
Cr	52	1	He	0.048715	4.8	2687.597
Mn	55	1	He	0.379788	4.2	4152.623
Fe	56	1	He	0.478557	1.3	18962.020
Co	59	1	He	0.028973	10.4	922.037
Ni	60	1	He	0.490720	7.9	8660.007
Cu	63	1	He	0.737448	1.1	13561.887
Zn	66	1	He	0.585476	1.8	2779.623
As	75	1	He	0.152745	2.0	376.343
Se	78	2	H2	0.107664	12.9	127.333
Sr	88	1	He	17.927970	0.5	197817.310
Mo	95	1	He	2.154597	0.9	15773.710
Pd	105	1	He	0.000339	330.3	116.667
Ag	107	1	He	0.009163	15.2	351.677
Cd	111	1	He	0.008649	36.0	54.090
Sn	118	1	He	0.012025	21.0	466.677
Sb	121	1	He	24.566777	1.2	236164.890
Ba	138	1	He	9.897129	1.1	197841.757
Pt	195	1	He	0.001344	117.9	167.333
Hg	202	1	He	0.019549	7.9	86.000
Tl	205	1	He	-0.048103		378.343
Pb	208	1	He	0.008281	28.1	1021.690
Bi	209	1	He	0.003812	25.9	531.687
Th	232	1	He	0.014942	29.4	760.030
U	238	1	He	0.151969	4.5	5526.267

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	94.75722328	821982.017
Sc	45	2	H2	100.2231718	4887993.333
Ge	72	1	He	97.89967350	467865.010
Ge	72	2	H2	101.0242222	1454629.127
In	115	1	He	98.44373184	4029052.357
Tb	159	1	He	101.4877733	8524955.707
Ir	193	1	He	103.8680843	4163057.643

Sample Name	4546779_B74417Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	048SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:06:39
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	111.702636	1.3	264353.543
Be	9	2	H2	107.594059	1.0	168642.120
B	11	2	H2	255.612098	0.8	347752.217
Na	23	1	He	66625.24303	1.4	153459307.713
Mg	24	1	He	30488.22211	0.6	39569066.910
Al	27	1	He	2184.031313	1.1	1241594.540
Si	28	2	H2	9911.066612	1.1	43814948.000
K	39	1	He	20511.81015	1.0	25537707.120
Ca	43	1	He	81558.74225	0.1	300075.470
Ti	47	1	He	102.687455	0.2	44901.417
V	51	1	He	111.040329	2.0	1290000.207
Cr	52	1	He	108.581558	1.4	1606047.500
Mn	55	1	He	104.186731	2.2	986293.727
Fe	56	1	He	2121.750988	2.1	26938694.667
Co	59	1	He	107.034049	1.1	2409359.583
Ni	60	1	He	102.753836	0.3	634216.020
Cu	63	1	He	106.265687	0.8	1746782.500
Zn	66	1	He	100.614087	1.1	302030.863
As	75	1	He	104.990219	1.1	193593.900
Se	78	2	H2	100.065360	1.1	94399.880
Sr	88	1	He	201.671336	0.8	2097518.040
Mo	95	1	He	118.190372	2.1	810935.440
Pd	105	1	He	20.253135	2.7	205279.137
Ag	107	1	He	60.992101	1.8	1122631.000
Cd	111	1	He	99.749186	2.0	347307.133
Sn	118	1	He	103.597312	2.7	752815.977
Sb	121	1	He	234.691194	2.1	2117694.707
Ba	138	1	He	151.028523	1.6	2972258.500
Pt	195	1	He	19.923053	0.7	181250.500
Hg	202	1	He	0.028379	4.8	121.000
Tl	205	1	He	105.302148	1.7	2964172.457
Pb	208	1	He	101.736496	0.4	3806146.870
Bi	209	1	He	100.696483	0.8	3106594.123
Th	232	1	He	110.678979	3.3	3776065.467
U	238	1	He	108.214340	2.3	3712318.277

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.44064221	784537.357
Sc	45	2	H2	102.2331193	4986020.667
Ge	72	1	He	92.34683262	441327.843
Ge	72	2	H2	99.81887699	1437273.583
In	115	1	He	92.48030307	3784984.337
Tb	159	1	He	100.0312996	8402612.167
Ir	193	1	He	99.15710224	3974240.357

Sample Name	4546780_B74417Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	049SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:09:27
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	112.442211	0.7	264302.697
Be	9	2	H2	107.978686	0.5	168106.183
B	11	2	H2	260.578514	1.6	352047.117
Na	23	1	He	67250.77682	1.4	152612051.060
Mg	24	1	He	30646.88648	1.6	39187767.750
Al	27	1	He	2236.217215	1.8	1252564.167
Si	28	2	H2	9986.009518	3.7	43836265.333
K	39	1	He	20204.94634	1.8	24784707.133
Ca	43	1	He	81189.95787	0.8	294306.177
Ti	47	1	He	100.741463	0.2	43400.760
V	51	1	He	108.693171	2.3	1246086.797
Cr	52	1	He	108.440601	1.6	1582850.253
Mn	55	1	He	103.169567	0.8	963883.937
Fe	56	1	He	2099.146904	1.2	26301088.667
Co	59	1	He	105.214400	0.9	2337182.500
Ni	60	1	He	102.688413	0.9	625425.853
Cu	63	1	He	105.516635	0.4	1711502.833
Zn	66	1	He	100.096534	0.7	296532.460
As	75	1	He	103.883007	0.0	189030.583
Se	78	2	H2	98.710905	3.0	92487.267
Sr	88	1	He	196.339855	1.4	2015005.490
Mo	95	1	He	115.487804	0.8	785786.710
Pd	105	1	He	19.819941	0.5	199236.660
Ag	107	1	He	59.731529	0.9	1090299.540
Cd	111	1	He	100.419878	1.0	346697.567
Sn	118	1	He	102.318824	1.6	737342.853
Sb	121	1	He	234.148778	1.4	2095285.700
Ba	138	1	He	150.983125	0.9	2962280.687
Pt	195	1	He	20.104633	1.4	182310.733
Hg	202	1	He	0.025133	10.1	107.333
Tl	205	1	He	106.245524	2.3	2981574.953
Pb	208	1	He	102.321213	0.7	3887660.517
Bi	209	1	He	100.808857	2.4	3158371.100
Th	232	1	He	110.873719	1.0	3842142.963
U	238	1	He	109.234397	2.4	3804918.170

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	89.10565434	772956.857
Sc	45	2	H2	101.5388077	4952158.333
Ge	72	1	He	91.12546012	435490.873
Ge	72	2	H2	99.20746651	1428469.997
In	115	1	He	91.69015339	3752645.513
Tb	159	1	He	99.71896522	8376376.127
Ir	193	1	He	100.6985361	4036021.397

Sample Name	10637850001_B74417Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	050SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:12:15
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.343935	2.9	846.190
Be	9	2	H2	0.009663	29.6	28.333
B	11	2	H2	12.164478	2.1	17261.503
Na	23	1	He	3290.674695	2.9	7475549.680
Mg	24	1	He	1468.584963	1.9	1875627.317
Al	27	1	He	0.315190	24.4	1640.763
Si	28	2	H2	449.190121	2.2	2057556.793
K	39	1	He	940.264563	1.7	1186437.823
Ca	43	1	He	3843.505178	1.7	13929.727
Ti	47	1	He	0.033841	31.9	19.000
V	51	1	He	-0.032989		-371.190
Cr	52	1	He	-0.009200		1714.113
Mn	55	1	He	0.109182	3.1	1384.073
Fe	56	1	He	0.070735	63.3	12972.630
Co	59	1	He	0.017973	8.9	634.683
Ni	60	1	He	0.091530	30.9	5844.560
Cu	63	1	He	0.207429	0.5	4168.633
Zn	66	1	He	0.072892	10.0	1110.050
As	75	1	He	0.057781	11.8	183.667
Se	78	2	H2	0.052343	16.6	73.333
Sr	88	1	He	4.416090	1.1	47028.050
Mo	95	1	He	0.547299	0.7	3958.580
Pd	105	1	He	0.003529	41.0	148.333
Ag	107	1	He	0.033423	41.8	811.700
Cd	111	1	He	0.028953	13.9	126.933
Sn	118	1	He	0.030734	23.8	600.020
Sb	121	1	He	5.970033	0.8	56468.840
Ba	138	1	He	2.355632	0.9	48308.540
Pt	195	1	He	0.001054	241.7	168.000
Hg	202	1	He	0.014281	6.8	65.333
Tl	205	1	He	-0.008363		1545.107
Pb	208	1	He	0.027232	13.9	1808.390
Bi	209	1	He	0.017240	5.1	990.047
Th	232	1	He	0.070486	24.9	2813.687
U	238	1	He	0.051459	7.1	1965.173

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.97969749	771864.230
Sc	45	2	H2	98.88976919	4822961.833
Ge	72	1	He	94.26430454	450491.490
Ge	72	2	H2	99.62042919	1434416.170
In	115	1	He	96.63230821	3954915.380
Tb	159	1	He	103.6905679	8709990.080
Ir	193	1	He	106.4956806	4268372.333

Sample Name	4547882_B74417Dx100
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	051SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:15:17
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.087080	3.8	247.833
Be	9	2	H2	0.000467	38.5	13.833
B	11	2	H2	4.164182	0.7	6501.613
Na	23	1	He	718.003555	2.4	1643190.807
Mg	24	1	He	304.571590	0.6	388207.520
Al	27	1	He	-0.314368		1285.393
Si	28	2	H2	92.362596	1.7	477820.897
K	39	1	He	196.821860	1.9	276234.697
Ca	43	1	He	826.619384	0.9	3002.857
Ti	47	1	He	0.016830	97.6	11.667
V	51	1	He	-0.044708		-504.977
Cr	52	1	He	-0.034280		1320.063
Mn	55	1	He	0.021793	11.8	533.343
Fe	56	1	He	-0.196219		9401.807
Co	59	1	He	0.002975	69.1	286.670
Ni	60	1	He	-0.035688		4988.897
Cu	63	1	He	0.045710	9.1	1438.743
Zn	66	1	He	-0.118813		518.010
As	75	1	He	0.012801	61.7	97.833
Se	78	2	H2	0.013268	47.5	36.000
Sr	88	1	He	0.947107	1.1	10080.430
Mo	95	1	He	0.116042	6.1	868.697
Pd	105	1	He	-0.002319		86.667
Ag	107	1	He	0.010734	3.8	376.677
Cd	111	1	He	0.011213	23.5	62.580
Sn	118	1	He	0.015819	29.2	488.347
Sb	121	1	He	1.290041	2.1	12372.400
Ba	138	1	He	0.516707	0.4	10680.970
Pt	195	1	He	-0.002858		130.000
Hg	202	1	He	0.014047	13.4	63.667
Tl	205	1	He	-0.041505		571.683
Pb	208	1	He	0.015357	26.3	1338.383
Bi	209	1	He	0.009265	1.0	730.030
Th	232	1	He	0.021369	18.9	1020.053
U	238	1	He	0.012825	1.0	545.020

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.73223662	769717.603
Sc	45	2	H2	94.95113122	4630870.167
Ge	72	1	He	93.14081880	445122.323
Ge	72	2	H2	97.76813260	1407745.293
In	115	1	He	96.90554795	3966098.390
Tb	159	1	He	102.6052135	8618820.497
Ir	193	1	He	107.1299889	4293795.560

Sample Name	FB
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	052SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:18:22
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.020122	8.8	102.667
Be	9	2	H2	0.000185	1390.6	13.667
B	11	2	H2	1.954667	5.0	3788.823
Na	23	1	He	12.701964	1.6	49427.577
Mg	24	1	He	3.229729	5.8	4474.070
Al	27	1	He	1.954323	1.4	2534.560
Si	28	2	H2	17.591146	6.5	153317.083
K	39	1	He	7.447752	5.7	44998.927
Ca	43	1	He	14.263515	2.8	70.357
Ti	47	1	He	0.117173	48.5	54.333
V	51	1	He	-0.047543		-526.927
Cr	52	1	He	0.532659	0.5	9601.930
Mn	55	1	He	0.050825	2.3	796.690
Fe	56	1	He	4.675891	1.8	70537.483
Co	59	1	He	0.001347	95.9	245.333
Ni	60	1	He	0.018409	65.6	5231.653
Cu	63	1	He	0.461540	1.6	8187.730
Zn	66	1	He	0.254036	7.2	1615.433
As	75	1	He	0.006690	14.6	85.000
Se	78	2	H2	0.007685	44.0	30.667
Sr	88	1	He	0.010977	31.8	256.673
Mo	95	1	He	0.021165	23.8	186.667
Pd	105	1	He	-0.001675		93.333
Ag	107	1	He	0.003545	24.1	238.337
Cd	111	1	He	0.007213	33.1	47.983
Sn	118	1	He	0.022696	17.3	541.687
Sb	121	1	He	0.033563	21.4	491.680
Ba	138	1	He	0.020515	8.7	666.690
Pt	195	1	He	0.014616	25.3	294.000
Hg	202	1	He	0.015776	6.2	71.333
Tl	205	1	He	-0.049033		356.677
Pb	208	1	He	0.013357	5.3	1271.697
Bi	209	1	He	0.004939	20.3	591.687
Th	232	1	He	0.015633	16.7	818.370
U	238	1	He	0.002128	22.9	150.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.21514098	765232.000
Sc	45	2	H2	96.69745608	4716040.333
Ge	72	1	He	91.54706632	437505.740
Ge	72	2	H2	96.92683654	1395631.627
In	115	1	He	97.11068836	3974494.267
Tb	159	1	He	103.0787834	8658600.287
Ir	193	1	He	108.1959781	4336520.663

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	053_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:21:27
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	86.618853	0.6	197433.183
Be	9	2	H2	87.162595	1.2	131557.787
B	11	2	H2	84.264836	0.5	111274.323
Na	23	1	He	2111.675256	1.9	4764450.033
Mg	24	1	He	2086.570943	2.6	2641963.973
Al	27	1	He	2105.774381	2.7	1167746.047
Si	28	2	H2	1061.820031	0.8	4704117.667
K	39	1	He	2053.412263	1.1	2526051.627
Ca	43	1	He	2073.792171	1.6	7461.000
Ti	47	1	He	83.468191	0.1	35601.270
V	51	1	He	87.144039	3.6	1016682.570
Cr	52	1	He	88.039771	2.1	1308202.627
Mn	55	1	He	83.427981	0.1	793370.187
Fe	56	1	He	1057.846319	0.6	13496570.000
Co	59	1	He	88.309023	0.5	1996652.040
Ni	60	1	He	85.260330	0.7	529414.417
Cu	63	1	He	88.276102	1.6	1457588.080
Zn	66	1	He	83.479528	0.9	251844.753
As	75	1	He	83.256707	0.6	154206.143
Se	78	2	H2	84.115411	0.1	78337.010
Sr	88	1	He	83.891409	0.3	876419.647
Mo	95	1	He	82.082051	1.5	581427.273
Pd	105	1	He	86.515315	0.6	905097.150
Ag	107	1	He	49.885928	0.9	948009.103
Cd	111	1	He	83.246608	1.3	299220.460
Sn	118	1	He	82.138836	1.6	616326.500
Sb	121	1	He	83.033042	1.2	773639.623
Ba	138	1	He	83.209861	1.0	1690340.393
Pt	195	1	He	85.258426	1.4	799929.937
Hg	202	1	He	4.110843	1.7	17442.080
Tl	205	1	He	43.653385	1.2	1269456.593
Pb	208	1	He	84.553503	0.8	3414108.960
Bi	209	1	He	87.900153	1.0	2926986.833
Th	232	1	He	117.298624	0.9	4319726.290
U	238	1	He	86.240540	1.3	3192653.803

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.21658696	765244.543
Sc	45	2	H2	98.44958697	4801493.667
Ge	72	1	He	92.74863632	443248.073
Ge	72	2	H2	98.52950310	1418708.127
In	115	1	He	95.46948742	3907324.073
Tb	159	1	He	103.2368592	8671878.623
Ir	193	1	He	107.0177349	4289296.393

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	054_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:24:15
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.030967	18.9	124.167
Be	9	2	H2	0.015077	6.5	35.000
B	11	2	H2	1.550283	1.5	3201.350
Na	23	1	He	2.170906	20.4	25737.963
Mg	24	1	He	0.623905	9.7	1173.387
Al	27	1	He	0.385663	37.8	1664.433
Si	28	2	H2	-3.758251		62485.473
K	39	1	He	3.392216	19.2	40035.927
Ca	43	1	He	0.876509	76.6	22.287
Ti	47	1	He	0.009248	74.4	8.333
V	51	1	He	-0.014348		-145.700
Cr	52	1	He	-0.012008		1624.097
Mn	55	1	He	0.015779	23.6	468.010
Fe	56	1	He	0.038347	32.5	12197.277
Co	59	1	He	0.008324	16.1	401.343
Ni	60	1	He	-0.067325		4713.467
Cu	63	1	He	0.014175	22.3	900.700
Zn	66	1	He	-0.000571		860.027
As	75	1	He	0.016065	26.1	102.167
Se	78	2	H2	0.030156	25.5	51.667
Sr	88	1	He	0.004187	56.9	186.667
Mo	95	1	He	0.019536	40.2	171.333
Pd	105	1	He	0.007558	16.4	188.333
Ag	107	1	He	0.029002	27.5	716.693
Cd	111	1	He	0.017280	18.2	83.317
Sn	118	1	He	0.031661	14.4	598.353
Sb	121	1	He	0.018867	18.8	345.010
Ba	138	1	He	0.010028	34.7	445.010
Pt	195	1	He	0.008176	67.6	228.667
Hg	202	1	He	0.039403	17.5	168.333
Tl	205	1	He	-0.033011		806.697
Pb	208	1	He	0.016361	14.1	1375.040
Bi	209	1	He	0.010366	11.3	763.363
Th	232	1	He	0.049841	31.6	2063.530
U	238	1	He	0.009760	21.2	430.017

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.12403948	764441.730
Sc	45	2	H2	94.65427161	4616392.000
Ge	72	1	He	91.58189769	437672.200
Ge	72	2	H2	97.90090093	1409657.000
In	115	1	He	95.26003850	3898751.860
Tb	159	1	He	101.0587893	8488921.123
Ir	193	1	He	106.6934765	4276300.040

Sample Name	4546438_B74421Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	055SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:27:21
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.015239	28.2	91.667
Be	9	2	H2	-0.003147		8.667
B	11	2	H2	1.217427	6.5	2837.277
Na	23	1	He	2.568445	7.1	26733.123
Mg	24	1	He	2.812450	2.7	3955.583
Al	27	1	He	78.885797	1.6	45261.580
Si	28	2	H2	-2.438903		67578.807
K	39	1	He	3.323385	1.3	40104.500
Ca	43	1	He	6.262365	28.2	41.793
Ti	47	1	He	0.074566	14.5	36.333
V	51	1	He	0.008681	489.5	118.540
Cr	52	1	He	0.036443	3.1	2354.870
Mn	55	1	He	0.019586	27.4	508.010
Fe	56	1	He	0.875375	2.4	22933.873
Co	59	1	He	0.000326	384.4	224.667
Ni	60	1	He	-0.042543		4906.867
Cu	63	1	He	0.029310	14.0	1157.387
Zn	66	1	He	0.515138	5.2	2412.220
As	75	1	He	0.004834	122.8	82.333
Se	78	2	H2	0.009936	55.4	32.667
Sr	88	1	He	0.008188	41.6	230.003
Mo	95	1	He	0.007483	26.1	87.333
Pd	105	1	He	-0.000198		108.333
Ag	107	1	He	0.006750	36.4	296.673
Cd	111	1	He	0.007068	6.7	46.990
Sn	118	1	He	0.041277	16.4	675.023
Sb	121	1	He	0.022381	33.3	380.010
Ba	138	1	He	0.028022	12.7	821.700
Pt	195	1	He	0.005828	14.4	212.667
Hg	202	1	He	0.023799	7.5	105.667
Tl	205	1	He	-0.051874		275.007
Pb	208	1	He	0.007363	12.0	1026.690
Bi	209	1	He	0.004549	6.1	578.353
Th	232	1	He	0.013710	17.0	746.697
U	238	1	He	0.001640	29.4	131.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.44999340	767269.253
Sc	45	2	H2	96.51965607	4707368.833
Ge	72	1	He	92.38904416	441529.573
Ge	72	2	H2	97.12210144	1398443.210
In	115	1	He	95.95294892	3927110.927
Tb	159	1	He	103.4688437	8691365.287
Ir	193	1	He	108.1621605	4335165.247

Sample Name	4546439_B74421Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	056SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:30:27
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	109.621757	0.8	246954.677
Be	9	2	H2	111.970623	0.6	167061.937
B	11	2	H2	106.410230	0.5	138555.563
Na	23	1	He	2191.523858	0.7	4968826.800
Mg	24	1	He	2182.686152	0.5	2777452.250
Al	27	1	He	2218.166033	2.1	1236226.920
Si	28	2	H2	551.041321	3.2	2476326.500
K	39	1	He	2107.264372	2.1	2604432.360
Ca	43	1	He	2175.276220	2.1	7864.630
Ti	47	1	He	102.067538	0.9	43752.170
V	51	1	He	109.630385	1.5	1290121.623
Cr	52	1	He	109.258396	0.3	1637041.500
Mn	55	1	He	104.722863	2.1	1004087.770
Fe	56	1	He	2167.219179	1.0	27871350.000
Co	59	1	He	110.309546	1.1	2515096.667
Ni	60	1	He	106.935821	1.6	668236.103
Cu	63	1	He	109.442924	3.8	1821569.250
Zn	66	1	He	109.265589	1.4	332138.073
As	75	1	He	102.282873	0.9	191029.237
Se	78	2	H2	104.729965	0.3	97438.787
Sr	88	1	He	105.620839	1.9	1112624.647
Mo	95	1	He	100.726523	0.2	717174.623
Pd	105	1	He	21.110818	1.5	222056.940
Ag	107	1	He	63.803089	0.9	1218622.557
Cd	111	1	He	103.321039	0.7	373281.083
Sn	118	1	He	100.022112	0.5	754277.670
Sb	121	1	He	102.942169	0.9	964022.407
Ba	138	1	He	106.060851	0.5	2138736.373
Pt	195	1	He	21.342978	2.2	198875.973
Hg	202	1	He	0.024819	5.4	109.000
Tl	205	1	He	113.097836	1.9	3261482.037
Pb	208	1	He	106.841269	1.1	4308558.297
Bi	209	1	He	105.155893	0.8	3497427.863
Th	232	1	He	113.805852	2.1	4186456.397
U	238	1	He	108.810406	1.8	4023034.313

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.65979341	769089.187
Sc	45	2	H2	97.30840545	4745837.000
Ge	72	1	He	93.53575778	447009.747
Ge	72	2	H2	98.44218666	1417450.873
In	115	1	He	95.94446757	3926763.807
Tb	159	1	He	102.4763343	8607994.663
Ir	193	1	He	106.8941157	4284341.707

Sample Name	10637592001_B74421Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	057SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:33:13
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	4.226722	0.8	9784.260
Be	9	2	H2	0.037884	18.7	71.500
B	11	2	H2	19.724417	1.4	27311.267
Na	23	1	He	3458.952933	2.8	7648428.427
Mg	24	1	He	26299.22000	2.1	32685338.677
Al	27	1	He	15.669631	1.7	9946.427
Si	28	2	H2	7302.041732	0.5	32302900.000
K	39	1	He	1716.131117	0.8	2078472.157
Ca	43	1	He	66760.96624	0.6	235227.123
Ti	47	1	He	0.219732	7.3	96.333
V	51	1	He	0.026024	99.7	317.960
Cr	52	1	He	0.304839	3.8	6265.403
Mn	55	1	He	218.693155	3.1	2052116.793
Fe	56	1	He	2064.258074	2.4	25985357.333
Co	59	1	He	0.236271	2.0	5489.753
Ni	60	1	He	0.756543	0.5	9714.030
Cu	63	1	He	99.598214	0.6	1623540.750
Zn	66	1	He	57.806135	0.8	172435.873
As	75	1	He	1.484429	1.8	2785.613
Se	78	2	H2	0.050197	10.9	71.667
Sr	88	1	He	97.663260	1.8	1007116.887
Mo	95	1	He	1.571752	0.9	10870.977
Pd	105	1	He	0.003606	54.5	143.333
Ag	107	1	He	0.055703	23.7	1191.730
Cd	111	1	He	0.030442	14.8	127.247
Sn	118	1	He	2.916869	1.4	21645.690
Sb	121	1	He	0.140695	3.0	1441.753
Ba	138	1	He	58.507297	2.0	1173067.873
Pt	195	1	He	0.009167	25.2	240.667
Hg	202	1	He	0.023472	4.6	102.667
Tl	205	1	He	0.007372	63.1	1970.170
Pb	208	1	He	5.687669	1.5	225052.613
Bi	209	1	He	0.022065	10.1	1130.060
Th	232	1	He	0.087868	28.7	3402.180
U	238	1	He	1.495689	0.2	54181.150

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.61009756	751308.873
Sc	45	2	H2	99.40997491	4848332.833
Ge	72	1	He	91.57212792	437625.510
Ge	72	2	H2	99.81247878	1437181.457
In	115	1	He	92.92365003	3803129.403
Tb	159	1	He	101.9047905	8559985.080
Ir	193	1	He	104.5828120	4191704.103

Sample Name	4547888_B74421Dx5
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	058SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:36:10
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.861469	2.0	2015.143
Be	9	2	H2	0.001263	39.4	15.500
B	11	2	H2	4.667002	2.2	7373.860
Na	23	1	He	719.377646	0.6	1633904.560
Mg	24	1	He	5420.626101	0.5	6849993.233
Al	27	1	He	2.976994	5.2	3095.337
Si	28	2	H2	1457.199516	1.9	6532901.500
K	39	1	He	338.329576	0.9	445428.300
Ca	43	1	He	13568.88394	0.6	48621.787
Ti	47	1	He	0.060895	23.0	30.333
V	51	1	He	0.005223	204.0	80.243
Cr	52	1	He	0.045647	3.9	2518.230
Mn	55	1	He	43.842093	0.8	420037.657
Fe	56	1	He	421.012137	2.2	5416694.500
Co	59	1	He	0.045250	3.4	1250.060
Ni	60	1	He	0.101413	14.4	5851.897
Cu	63	1	He	20.383011	0.6	339440.217
Zn	66	1	He	11.816473	2.0	36654.290
As	75	1	He	0.299699	1.6	633.013
Se	78	2	H2	0.005879	84.4	30.000
Sr	88	1	He	19.895105	1.4	209429.177
Mo	95	1	He	0.319875	3.0	2283.530
Pd	105	1	He	-0.001662		91.667
Ag	107	1	He	0.015953	20.2	466.677
Cd	111	1	He	0.010346	7.3	58.103
Sn	118	1	He	0.603829	3.0	4857.580
Sb	121	1	He	0.041556	13.3	553.350
Ba	138	1	He	11.700125	0.3	236408.887
Pt	195	1	He	-0.002930		129.333
Hg	202	1	He	0.018023	16.7	80.333
Tl	205	1	He	-0.047067		411.677
Pb	208	1	He	1.189199	0.3	48442.657
Bi	209	1	He	0.006197	18.8	623.353
Th	232	1	He	0.021465	14.5	1018.383
U	238	1	He	0.299850	0.7	11104.977

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.05338309	763828.813
Sc	45	2	H2	98.13725371	4786260.833
Ge	72	1	He	93.40770726	446397.790
Ge	72	2	H2	100.1824168	1442508.127
In	115	1	He	94.79635671	3879774.540
Tb	159	1	He	102.5907492	8617605.497
Ir	193	1	He	106.3913845	4264192.120

Sample Name	4546440_B74421Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	059SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:39:11
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	109.488398	1.0	259122.600
Be	9	2	H2	107.597780	1.9	168632.713
B	11	2	H2	121.410498	2.2	165857.747
Na	23	1	He	5736.414706	2.0	12927310.640
Mg	24	1	He	28096.67229	1.1	35625421.137
Al	27	1	He	2109.160625	3.0	1171494.293
Si	28	2	H2	7928.851237	2.0	35457805.333
K	39	1	He	3714.450849	1.6	4547460.140
Ca	43	1	He	69590.97684	0.2	250156.387
Ti	47	1	He	100.351149	0.4	42871.170
V	51	1	He	108.307369	2.5	1250831.680
Cr	52	1	He	108.305166	0.6	1592630.583
Mn	55	1	He	324.541340	0.8	3053818.083
Fe	56	1	He	4226.983385	1.8	53344845.333
Co	59	1	He	108.388288	0.6	2425547.833
Ni	60	1	He	103.678443	0.9	636097.770
Cu	63	1	He	200.626862	1.5	3277563.583
Zn	66	1	He	157.841071	0.8	470567.750
As	75	1	He	103.563430	0.5	189846.230
Se	78	2	H2	98.607785	1.9	94054.597
Sr	88	1	He	206.413969	0.6	2134152.627
Mo	95	1	He	105.135128	0.9	731733.813
Pd	105	1	He	20.625794	0.9	212079.137
Ag	107	1	He	63.896896	1.5	1192853.003
Cd	111	1	He	101.858280	1.8	359672.620
Sn	118	1	He	104.828927	1.0	772723.633
Sb	121	1	He	103.700583	1.5	949184.437
Ba	138	1	He	159.341067	1.8	3243966.410
Pt	195	1	He	20.078667	0.7	188962.620
Hg	202	1	He	0.022379	6.8	99.667
Tl	205	1	He	109.747243	1.4	3196013.287
Pb	208	1	He	109.642904	0.7	4339323.973
Bi	209	1	He	102.525723	1.8	3346192.033
Th	232	1	He	111.492980	2.2	4024625.250
U	238	1	He	110.922744	1.4	4025176.610

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.35916281	766481.333
Sc	45	2	H2	102.2424384	4986475.167
Ge	72	1	He	91.80379789	438732.667
Ge	72	2	H2	100.9529200	1453602.460
In	115	1	He	93.80005263	3838998.340
Tb	159	1	He	103.4835709	8692602.370
Ir	193	1	He	104.8954219	4204233.580

Sample Name	4546441_B74421Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	060SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:41:58
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	110.834502	1.8	259586.980
Be	9	2	H2	108.200297	2.6	167816.123
B	11	2	H2	123.501950	3.0	166936.443
Na	23	1	He	5555.676203	2.2	12485363.147
Mg	24	1	He	27974.64902	1.2	35373110.307
Al	27	1	He	2144.401055	1.3	1187739.003
Si	28	2	H2	7993.066910	1.5	35189318.667
K	39	1	He	3729.580719	1.3	4553390.663
Ca	43	1	He	68454.10315	0.6	245377.430
Ti	47	1	He	102.819949	1.0	43803.633
V	51	1	He	107.593054	2.4	1258105.353
Cr	52	1	He	106.655188	1.2	1587821.580
Mn	55	1	He	316.547064	0.8	3015459.250
Fe	56	1	He	4096.095208	0.9	52331361.333
Co	59	1	He	105.016084	1.2	2379183.833
Ni	60	1	He	101.777548	0.9	632226.833
Cu	63	1	He	197.037020	1.4	3258638.417
Zn	66	1	He	154.573403	0.4	466514.020
As	75	1	He	104.575157	0.5	194063.267
Se	78	2	H2	102.207576	1.8	95982.520
Sr	88	1	He	202.704062	1.2	2121755.387
Mo	95	1	He	107.616973	0.7	748483.543
Pd	105	1	He	21.018428	1.7	215940.120
Ag	107	1	He	61.489719	1.3	1147177.040
Cd	111	1	He	101.298047	1.5	357461.017
Sn	118	1	He	107.121148	2.6	788918.687
Sb	121	1	He	106.640041	2.7	975308.110
Ba	138	1	He	159.323806	1.7	3222464.223
Pt	195	1	He	20.662170	2.0	193152.943
Hg	202	1	He	0.018929	11.7	84.333
Tl	205	1	He	110.057568	2.2	3184034.640
Pb	208	1	He	109.116364	1.3	4342535.507
Bi	209	1	He	101.960724	0.7	3346262.557
Th	232	1	He	110.657761	1.7	4016459.940
U	238	1	He	108.077261	1.3	3943644.940

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.11313294	764347.120
Sc	45	2	H2	101.2027343	4935767.667
Ge	72	1	He	92.93377379	444132.850
Ge	72	2	H2	99.35732861	1430627.833
In	115	1	He	93.72873605	3836079.533
Tb	159	1	He	102.8098444	8636009.453
Ir	193	1	He	105.4805658	4227686.290

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	061_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:44:44
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	87.806881	2.4	199123.507
Be	9	2	H2	88.825822	3.0	133383.837
B	11	2	H2	87.391223	3.2	114749.193
Na	23	1	He	2140.040394	4.4	4917241.490
Mg	24	1	He	2115.022247	1.3	2727453.710
Al	27	1	He	2104.213774	2.7	1188396.713
Si	28	2	H2	1067.315854	2.5	4727812.833
K	39	1	He	2041.845146	0.3	2558755.483
Ca	43	1	He	2066.420156	1.2	7572.307
Ti	47	1	He	83.108069	1.0	36103.207
V	51	1	He	88.171989	2.3	1041784.660
Cr	52	1	He	86.532171	2.3	1302129.290
Mn	55	1	He	84.113297	0.7	809939.333
Fe	56	1	He	1047.426631	0.3	13531970.333
Co	59	1	He	87.643771	2.3	2006638.920
Ni	60	1	He	85.951284	0.6	540386.960
Cu	63	1	He	89.852758	2.0	1502193.000
Zn	66	1	He	83.819166	0.3	256054.673
As	75	1	He	83.624191	0.2	156840.660
Se	78	2	H2	85.030521	2.0	79199.887
Sr	88	1	He	85.120382	1.5	900459.233
Mo	95	1	He	83.662258	2.4	595919.727
Pd	105	1	He	87.746247	2.3	922990.430
Ag	107	1	He	49.894990	1.9	953431.887
Cd	111	1	He	84.635299	1.6	305917.510
Sn	118	1	He	84.675232	1.9	638875.253
Sb	121	1	He	84.295443	2.3	789737.723
Ba	138	1	He	82.972157	0.9	1691180.497
Pt	195	1	He	86.224235	0.7	811712.727
Hg	202	1	He	4.140560	0.7	17628.330
Tl	205	1	He	44.594091	1.2	1301007.950
Pb	208	1	He	86.233710	1.9	3512273.050
Bi	209	1	He	88.456160	3.5	2970585.477
Th	232	1	He	118.715935	2.0	4409707.227
U	238	1	He	87.533442	2.6	3268541.930

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	89.85502976	779457.397
Sc	45	2	H2	98.01397029	4780248.167
Ge	72	1	He	93.91548026	448824.450
Ge	72	2	H2	98.56860053	1419271.083
In	115	1	He	95.99851677	3928975.903
Tb	159	1	He	103.5802304	8700721.747
Ir	193	1	He	107.9629430	4327180.560

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	062_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:47:33
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.026049	22.6	116.500
Be	9	2	H2	0.013126	24.5	33.000
B	11	2	H2	1.889704	3.1	3722.310
Na	23	1	He	0.542652	2.3	22374.053
Mg	24	1	He	1.354601	2.7	2125.173
Al	27	1	He	0.412667	10.9	1700.433
Si	28	2	H2	-2.418014		69293.607
K	39	1	He	3.011584	13.4	40087.727
Ca	43	1	He	2.494523	53.2	28.467
Ti	47	1	He	0.015147	15.1	11.000
V	51	1	He	0.001042	2350.3	31.047
Cr	52	1	He	-0.008438		1697.440
Mn	55	1	He	0.035370	4.8	660.020
Fe	56	1	He	0.192074	9.4	14308.577
Co	59	1	He	0.012588	7.7	502.677
Ni	60	1	He	-0.048124		4890.193
Cu	63	1	He	0.024289	11.4	1078.713
Zn	66	1	He	0.005714	241.5	890.030
As	75	1	He	0.018969	26.1	108.833
Se	78	2	H2	0.033957	24.4	56.333
Sr	88	1	He	0.012116	37.5	271.670
Mo	95	1	He	0.025127	24.7	214.667
Pd	105	1	He	0.009173	33.0	208.333
Ag	107	1	He	0.036279	28.6	866.707
Cd	111	1	He	0.029407	11.2	128.643
Sn	118	1	He	0.049545	9.9	743.363
Sb	121	1	He	0.026050	13.9	418.343
Ba	138	1	He	0.011091	22.1	470.013
Pt	195	1	He	0.011659	22.4	263.333
Hg	202	1	He	0.038791	19.3	166.667
Tl	205	1	He	-0.024776		1046.720
Pb	208	1	He	0.023956	7.4	1703.393
Bi	209	1	He	0.018721	14.3	1055.053
Th	232	1	He	0.049361	20.5	2075.197
U	238	1	He	0.013344	12.3	570.017

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	89.25955865	774291.917
Sc	45	2	H2	97.12533251	4736908.333
Ge	72	1	He	92.71968829	443109.730
Ge	72	2	H2	99.53848657	1433236.293
In	115	1	He	96.68799477	3957194.490
Tb	159	1	He	101.8776996	8557709.453
Ir	193	1	He	108.1652870	4335290.557

Sample Name	10638174002_B74416Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	063SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:50:39
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	1.278234	1.6	3178.513
Be	9	2	H2	-0.000363		14.000
B	11	2	H2	2.182499	3.3	4443.843
Na	23	1	He	24186.33898	2.5	55434115.840
Mg	24	1	He	351.962699	1.1	454877.750
Al	27	1	He	31.748239	1.7	19416.723
Si	28	2	H2	1248.525726	1.6	5610282.333
K	39	1	He	8427.148395	0.5	10461052.967
Ca	43	1	He	145067.1839	1.1	531015.747
Ti	47	1	He	0.536726	2.2	238.000
V	51	1	He	1.958198	1.1	22637.390
Cr	52	1	He	0.166474	5.5	4249.983
Mn	55	1	He	0.528880	1.2	5297.673
Fe	56	1	He	39.894773	0.3	515178.907
Co	59	1	He	0.006042	15.8	351.343
Ni	60	1	He	-0.053714		4808.830
Cu	63	1	He	1.156987	1.7	19572.263
Zn	66	1	He	0.473871	3.8	2274.860
As	75	1	He	0.429432	1.6	860.030
Se	78	2	H2	0.816388	0.9	797.357
Sr	88	1	He	593.960515	0.6	6141557.823
Mo	95	1	He	216.980441	0.7	1517905.460
Pd	105	1	He	0.011312	20.8	225.003
Ag	107	1	He	0.016087	25.7	466.687
Cd	111	1	He	0.002588	94.1	30.213
Sn	118	1	He	0.051888	25.5	741.693
Sb	121	1	He	0.019757	5.6	350.010
Ba	138	1	He	8.203912	0.9	164205.457
Pt	195	1	He	-0.000397		151.333
Hg	202	1	He	0.035044	2.7	150.667
Tl	205	1	He	-0.043934		496.677
Pb	208	1	He	0.052257	5.9	2693.463
Bi	209	1	He	0.008654	42.8	675.023
Th	232	1	He	0.030194	7.6	1281.743
U	238	1	He	0.019833	12.7	765.030

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	89.98903155	780619.810
Sc	45	2	H2	105.3328929	5137200.000
Ge	72	1	He	91.81452184	438783.917
Ge	72	2	H2	100.1913990	1442637.460
In	115	1	He	94.27317706	3858362.123
Tb	159	1	He	101.5807521	8532765.913
Ir	193	1	He	101.9123018	4084669.417

Sample Name	10638043001_B74416Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	064SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:53:39
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	1.305494	0.9	3231.690
Be	9	2	H2	-0.003232		9.333
B	11	2	H2	1.856120	2.0	3972.377
Na	23	1	He	24299.37646	1.4	55823040.833
Mg	24	1	He	279.692994	0.9	362349.437
Al	27	1	He	7.626434	2.2	5802.507
Si	28	2	H2	1245.092691	1.7	5602276.833
K	39	1	He	8576.085493	1.8	10668300.883
Ca	43	1	He	146523.5965	0.0	537513.447
Ti	47	1	He	0.161668	9.0	75.000
V	51	1	He	2.035066	1.9	23756.767
Cr	52	1	He	0.181276	3.4	4510.723
Mn	55	1	He	0.068955	12.4	979.373
Fe	56	1	He	0.534212	2.0	18663.630
Co	59	1	He	0.004239	41.5	314.007
Ni	60	1	He	-0.050869		4871.523
Cu	63	1	He	0.386391	3.2	7051.783
Zn	66	1	He	0.207250	3.8	1495.417
As	75	1	He	0.363865	2.4	747.020
Se	78	2	H2	0.726212	5.7	712.353
Sr	88	1	He	602.923212	0.8	6294613.657
Mo	95	1	He	218.440804	1.1	1533662.583
Pd	105	1	He	0.015060	21.3	265.007
Ag	107	1	He	0.003863	41.5	238.337
Cd	111	1	He	0.001707	175.4	27.297
Sn	118	1	He	0.040256	6.2	658.353
Sb	121	1	He	0.017155	43.0	326.673
Ba	138	1	He	8.227815	1.7	163657.557
Pt	195	1	He	0.001470	181.7	167.333
Hg	202	1	He	0.034702	3.0	148.333
Tl	205	1	He	-0.047716		386.677
Pb	208	1	He	0.036235	7.2	2083.420
Bi	209	1	He	0.006768	20.8	616.687
Th	232	1	He	0.017714	12.1	845.033
U	238	1	He	0.012175	4.6	496.680

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	90.17683287	782248.913
Sc	45	2	H2	104.8851413	5115362.667
Ge	72	1	He	92.70386219	443034.097
Ge	72	2	H2	100.3323162	1444666.500
In	115	1	He	94.60842439	3872082.947
Tb	159	1	He	100.9655475	8481088.833
Ir	193	1	He	102.1774497	4095296.607

Sample Name	10638042001_B74416Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	065SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:56:40
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.115474	5.2	320.000
Be	9	2	H2	-0.003932		7.667
B	11	2	H2	1.625017	2.6	3409.400
Na	23	1	He	1803.644742	0.5	4090194.627
Mg	24	1	He	5.473734	1.7	7346.927
Al	27	1	He	0.508579	26.2	1741.440
Si	28	2	H2	176.485801	0.3	863237.897
K	39	1	He	557.930853	0.5	715628.350
Ca	43	1	He	1460.156310	0.9	5281.520
Ti	47	1	He	0.023152	73.2	14.333
V	51	1	He	0.059579	53.2	724.397
Cr	52	1	He	0.104091	4.3	3406.420
Mn	55	1	He	0.028620	21.0	602.680
Fe	56	1	He	0.399386	1.3	17147.727
Co	59	1	He	-0.000878		200.667
Ni	60	1	He	-0.001998		5233.657
Cu	63	1	He	0.023039	2.0	1070.710
Zn	66	1	He	0.221792	3.3	1557.423
As	75	1	He	0.018644	13.9	109.500
Se	78	2	H2	0.015019	36.0	38.667
Sr	88	1	He	5.808096	0.9	61502.967
Mo	95	1	He	2.762000	0.3	19796.873
Pd	105	1	He	0.001192	159.8	123.333
Ag	107	1	He	0.003886	12.5	243.333
Cd	111	1	He	0.008321	32.1	51.687
Sn	118	1	He	0.042094	7.9	685.020
Sb	121	1	He	0.009030	48.1	256.670
Ba	138	1	He	0.089187	4.4	2043.503
Pt	195	1	He	0.000434	788.2	160.000
Hg	202	1	He	0.019815	10.3	87.667
Tl	205	1	He	-0.054374		200.000
Pb	208	1	He	0.021980	3.9	1618.390
Bi	209	1	He	0.010561	5.5	778.363
Th	232	1	He	0.005819	27.9	451.680
U	238	1	He	0.001648	19.0	131.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	88.59772530	768550.770
Sc	45	2	H2	97.96209188	4777718.000
Ge	72	1	He	93.80571590	448299.883
Ge	72	2	H2	100.2883802	1444033.873
In	115	1	He	96.42423888	3946399.630
Tb	159	1	He	102.3047144	8593578.623
Ir	193	1	He	107.8523939	4322749.727

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	066_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 16:59:43
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.012599		37.667
Be	9	2	H2	-0.007175		3.500
B	11	2	H2	-0.133857		1375.570
Na	23	1	He	-1.602223		14831.093
Mg	24	1	He	-0.075954		336.673
Al	27	1	He	-2.171429		310.340
Si	28	2	H2	-5.374807		61270.513
K	39	1	He	-11.719250		18208.400
Ca	43	1	He	0.308780	619.8	20.930
Ti	47	1	He	-0.006831		2.333
V	51	1	He	-0.001767		-110.570
Cr	52	1	He	-0.050243		895.367
Mn	55	1	He	-0.014579		177.333
Fe	56	1	He	-0.553531		4317.380
Co	59	1	He	-0.004597		138.000
Ni	60	1	He	-0.047128		5987.483
Cu	63	1	He	-0.008734		496.680
Zn	66	1	He	-0.229955		201.337
As	75	1	He	-0.024710		23.667
Se	78	2	H2	-0.018156		10.000
Sr	88	1	He	0.000637	1412.3	150.003
Mo	95	1	He	0.003941	163.7	54.667
Pd	105	1	He	-0.004908		80.000
Ag	107	1	He	0.002002	35.8	263.337
Cd	111	1	He	-0.001478		18.327
Sn	118	1	He	0.001619	1608.1	356.677
Sb	121	1	He	-0.002091		156.667
Ba	138	1	He	-0.010558		53.333
Pt	195	1	He	-0.000728		194.003
Hg	202	1	He	0.036347	68.2	140.000
Tl	205	1	He	-0.056943		148.337
Pb	208	1	He	0.001224	604.8	885.023
Bi	209	1	He	0.000127	4193.6	496.683
Th	232	1	He	0.000375	981.5	261.677
U	238	1	He	-0.001436		30.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	112.8722119	979122.490
Sc	45	2	H2	151.4165837	7384751.833
Ge	72	1	He	112.9165356	539630.973
Ge	72	2	H2	142.1887588	2047349.690
In	115	1	He	124.2869909	5086751.430
Tb	159	1	He	142.6026934	11978602.007
Ir	193	1	He	155.2718894	6223334.440

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	067_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:02:48
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.007324	30.9	73.500
Be	9	2	H2	-0.000091		13.167
B	11	2	H2	0.580414	2.2	2015.307
Na	23	1	He	0.469353	42.5	21516.080
Mg	24	1	He	0.235684	6.8	670.020
Al	27	1	He	0.172674	51.8	1517.083
Si	28	2	H2	-3.528616		62272.593
K	39	1	He	2.934247	29.0	38745.733
Ca	43	1	He	2.090002	35.0	26.133
Ti	47	1	He	-0.000760		4.000
V	51	1	He	-0.006152		-54.277
Cr	52	1	He	-0.025897		1407.407
Mn	55	1	He	0.010357	28.5	413.343
Fe	56	1	He	-0.079083		10616.000
Co	59	1	He	0.001201	14.0	240.000
Ni	60	1	He	-0.054466		4745.477
Cu	63	1	He	0.003859	94.7	726.023
Zn	66	1	He	-0.037534		743.353
As	75	1	He	-0.004452		64.000
Se	78	2	H2	0.015258	39.8	37.333
Sr	88	1	He	0.008414	38.3	228.337
Mo	95	1	He	0.010487	4.0	107.333
Pd	105	1	He	0.001216	192.7	121.667
Ag	107	1	He	0.002335	70.8	210.000
Cd	111	1	He	0.007046	37.3	46.323
Sn	118	1	He	0.017655	6.0	491.677
Sb	121	1	He	0.012156	11.1	281.677
Ba	138	1	He	-0.000436		245.007
Pt	195	1	He	0.002376	61.0	182.000
Hg	202	1	He	0.015896	11.1	72.667
Tl	205	1	He	-0.054745		193.333
Pb	208	1	He	0.008626	15.5	1106.693
Bi	209	1	He	0.004069	35.1	576.687
Th	232	1	He	0.002468	19.9	336.677
U	238	1	He	0.000505	102.1	91.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.48657848	750237.393
Sc	45	2	H2	96.12607250	4688173.333
Ge	72	1	He	90.71255165	433517.573
Ge	72	2	H2	96.07654645	1383388.457
In	115	1	He	94.85002010	3881970.847
Tb	159	1	He	104.3971715	8769344.663
Ir	193	1	He	111.0242136	4449877.017

Sample Name	CRDL
Sample Type	CRDL
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	068CRD.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:05:54
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.576960	1.2	1363.563
Be	9	2	H2	0.235373	2.3	366.167
B	11	2	H2	10.590530	0.9	15017.370
Na	23	1	He	56.570576	1.0	144908.417
Mg	24	1	He	33.970615	0.8	42490.953
Al	27	1	He	31.613377	2.0	18569.587
Si	28	2	H2	105.427244	0.8	530089.937
K	39	1	He	106.452309	2.0	161634.713
Ca	43	1	He	105.356327	3.7	388.990
Ti	47	1	He	1.005648	2.5	424.343
V	51	1	He	1.019521	1.6	11768.817
Cr	52	1	He	2.077852	0.9	32255.917
Mn	55	1	He	0.543760	3.6	5425.717
Fe	56	1	He	53.361991	0.7	683543.143
Co	59	1	He	0.558566	2.5	12688.393
Ni	60	1	He	0.502250	4.4	8173.713
Cu	63	1	He	1.110527	0.7	18771.180
Zn	66	1	He	5.007047	1.3	15730.147
As	75	1	He	0.518511	2.3	1020.873
Se	78	2	H2	0.528797	4.4	508.343
Sr	88	1	He	0.547819	3.7	5794.593
Mo	95	1	He	0.507186	3.4	3677.170
Pd	105	1	He	0.521159	0.1	5639.543
Ag	107	1	He	0.602232	2.7	11773.503
Cd	111	1	He	0.102940	7.1	396.973
Sn	118	1	He	0.489683	4.4	4092.320
Sb	121	1	He	0.526652	1.9	5147.697
Ba	138	1	He	0.308071	2.2	6461.603
Pt	195	1	He	0.542366	1.5	5207.727
Hg	202	1	He	0.233473	0.6	987.707
Tl	205	1	He	0.061665	8.3	3545.533
Pb	208	1	He	0.534712	3.3	22823.117
Bi	209	1	He	0.514254	2.4	17949.363
Th	232	1	He	0.533077	1.2	20326.430
U	238	1	He	0.538171	1.0	20458.367

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.39041009	749403.170
Sc	45	2	H2	97.73997601	4766885.167
Ge	72	1	He	91.60519533	437783.540
Ge	72	2	H2	97.00319976	1396731.167
In	115	1	He	96.80714850	3962071.150
Tb	159	1	He	102.4876438	8608944.663
Ir	193	1	He	109.5131874	4389314.727

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	069_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:09:00
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	88.361434	0.5	198993.817
Be	9	2	H2	87.401884	0.4	130357.380
B	11	2	H2	85.998686	1.1	112174.120
Na	23	1	He	2125.621762	2.4	4714778.573
Mg	24	1	He	2116.598141	2.3	2634477.043
Al	27	1	He	2062.186096	2.0	1124301.500
Si	28	2	H2	1041.610026	1.7	4594955.667
K	39	1	He	2015.058100	1.2	2437732.203
Ca	43	1	He	2019.553489	0.4	7144.273
Ti	47	1	He	82.072030	1.3	34415.717
V	51	1	He	87.194272	3.1	997360.443
Cr	52	1	He	89.220018	3.8	1299597.167
Mn	55	1	He	82.705656	1.0	770954.293
Fe	56	1	He	1045.008094	0.9	13070072.000
Co	59	1	He	89.732619	1.1	1988768.250
Ni	60	1	He	85.256216	2.1	518911.310
Cu	63	1	He	89.557579	1.4	1449358.500
Zn	66	1	He	82.434829	1.5	243791.057
As	75	1	He	81.736918	0.6	148405.383
Se	78	2	H2	83.564576	1.4	77464.520
Sr	88	1	He	83.193387	1.4	851970.560
Mo	95	1	He	79.984528	1.4	563620.500
Pd	105	1	He	85.613083	1.7	890888.553
Ag	107	1	He	48.691869	2.7	920402.410
Cd	111	1	He	82.254102	1.0	294107.000
Sn	118	1	He	81.107479	0.4	605417.923
Sb	121	1	He	80.779872	1.1	748707.147
Ba	138	1	He	81.544589	2.3	1666227.320
Pt	195	1	He	85.042594	1.6	802540.000
Hg	202	1	He	4.070412	2.1	17372.660
Tl	205	1	He	43.885799	0.6	1283571.517
Pb	208	1	He	83.996522	2.0	3479152.340
Bi	209	1	He	83.522185	1.8	2852781.100
Th	232	1	He	87.094410	1.1	3290200.683
U	238	1	He	86.694333	1.6	3292601.723

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.73455349	752388.480
Sc	45	2	H2	97.27182640	4744053.000
Ge	72	1	He	90.91722449	434495.710
Ge	72	2	H2	98.09866025	1412504.500
In	115	1	He	94.95689202	3886344.843
Tb	159	1	He	103.8348365	8722108.620
Ir	193	1	He	109.7902722	4400420.353

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	070_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:11:48
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.011847	5.3	83.333
Be	9	2	H2	0.008924	39.5	26.333
B	11	2	H2	0.527998	6.4	1942.630
Na	23	1	He	-0.064043		20311.037
Mg	24	1	He	0.312078	20.2	763.360
Al	27	1	He	0.306539	29.8	1587.423
Si	28	2	H2	-4.039725		61048.693
K	39	1	He	2.581798	31.9	38269.413
Ca	43	1	He	0.291204	154.5	19.797
Ti	47	1	He	0.008037	47.2	7.667
V	51	1	He	-0.001389		3.677
Cr	52	1	He	-0.020242		1479.413
Mn	55	1	He	0.012187	9.9	427.343
Fe	56	1	He	0.017347	131.7	11740.897
Co	59	1	He	0.010924	16.8	452.010
Ni	60	1	He	-0.038191		4812.170
Cu	63	1	He	0.013180	27.0	870.697
Zn	66	1	He	-0.018792		793.363
As	75	1	He	0.007524	28.9	85.167
Se	78	2	H2	0.022718	11.7	44.667
Sr	88	1	He	0.008591	18.4	228.333
Mo	95	1	He	0.017272	20.5	156.000
Pd	105	1	He	0.006298	65.0	175.000
Ag	107	1	He	0.027671	20.6	691.690
Cd	111	1	He	0.015048	15.2	75.320
Sn	118	1	He	0.018448	34.6	500.013
Sb	121	1	He	0.015425	38.1	313.340
Ba	138	1	He	0.007676	51.1	396.677
Pt	195	1	He	0.010779	32.8	252.000
Hg	202	1	He	0.043787	9.5	185.333
Tl	205	1	He	-0.036319		706.693
Pb	208	1	He	0.014415	18.3	1313.370
Bi	209	1	He	0.010858	10.4	790.030
Th	232	1	He	0.043378	26.1	1848.493
U	238	1	He	0.008595	13.0	391.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.35782419	749120.500
Sc	45	2	H2	95.82253202	4673369.333
Ge	72	1	He	90.11920122	430681.937
Ge	72	2	H2	97.57195905	1404920.627
In	115	1	He	95.34982906	3902426.760
Tb	159	1	He	100.6536049	8454885.707
Ir	193	1	He	108.0592810	4331041.810

Sample Name	CRDL
Sample Type	CRDL
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	071CRD.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:14:55
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.576482	2.0	1342.230
Be	9	2	H2	0.242604	2.5	371.507
B	11	2	H2	10.697013	3.2	14929.440
Na	23	1	He	55.829686	1.5	143396.867
Mg	24	1	He	34.016837	1.9	42582.810
Al	27	1	He	31.617639	1.3	18586.940
Si	28	2	H2	105.166324	2.4	533377.063
K	39	1	He	106.007865	2.1	161244.080
Ca	43	1	He	100.501941	12.6	372.280
Ti	47	1	He	1.046341	3.8	441.677
V	51	1	He	1.032042	4.3	11782.793
Cr	52	1	He	2.074518	0.8	31846.330
Mn	55	1	He	0.529567	4.9	5231.647
Fe	56	1	He	53.850831	0.5	681999.313
Co	59	1	He	0.570711	1.4	12813.173
Ni	60	1	He	0.492911	5.9	8026.967
Cu	63	1	He	1.130311	0.9	18879.310
Zn	66	1	He	5.023671	3.2	15601.333
As	75	1	He	0.508789	2.1	991.873
Se	78	2	H2	0.545971	4.5	528.010
Sr	88	1	He	1.133246	89.6	11639.210
Mo	95	1	He	0.528666	1.3	3691.837
Pd	105	1	He	0.542143	0.5	5647.877
Ag	107	1	He	0.627459	3.7	11813.500
Cd	111	1	He	0.102280	5.5	379.973
Sn	118	1	He	0.508293	4.2	4078.977
Sb	121	1	He	0.536963	3.4	5054.320
Ba	138	1	He	0.321136	1.8	6630.027
Pt	195	1	He	0.534398	2.8	5059.670
Hg	202	1	He	0.255961	2.4	1067.047
Tl	205	1	He	0.073546	12.7	3828.940
Pb	208	1	He	0.531215	1.4	22427.857
Bi	209	1	He	0.525509	2.4	18129.597
Th	232	1	He	0.556052	1.3	20965.823
U	238	1	He	0.540449	3.0	20309.763

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.46292285	750032.190
Sc	45	2	H2	96.33482663	4698354.500
Ge	72	1	He	90.58368785	432901.730
Ge	72	2	H2	97.85190106	1408951.460
In	115	1	He	93.26683270	3817175.000
Tb	159	1	He	101.0522119	8488368.627
Ir	193	1	He	108.3122111	4341179.310

Sample Name	4546434_B74422Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	072SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:18:00
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.003199	60.7	65.167
Be	9	2	H2	-0.004244		7.167
B	11	2	H2	0.610389	5.2	2080.317
Na	23	1	He	2.011295	3.2	25238.747
Mg	24	1	He	2.396217	2.2	3395.427
Al	27	1	He	34.651121	0.9	20502.193
Si	28	2	H2	-0.574989		77435.217
K	39	1	He	2.602860	24.7	38852.763
Ca	43	1	He	7.613691	18.3	46.147
Ti	47	1	He	0.105225	19.5	49.000
V	51	1	He	-0.015087		-152.427
Cr	52	1	He	0.092277	2.8	3141.690
Mn	55	1	He	0.046793	5.0	756.687
Fe	56	1	He	3.179461	2.5	51546.200
Co	59	1	He	0.002675	47.5	274.000
Ni	60	1	He	-0.045323		4828.840
Cu	63	1	He	0.214981	2.4	4157.960
Zn	66	1	He	0.246970	4.4	1589.423
As	75	1	He	-0.005858		61.833
Se	78	2	H2	0.005113	62.2	29.000
Sr	88	1	He	0.025021	6.8	400.010
Mo	95	1	He	0.016319	14.9	149.333
Pd	105	1	He	0.000191	908.5	111.667
Ag	107	1	He	0.013101	13.3	415.010
Cd	111	1	He	0.006028	14.6	42.987
Sn	118	1	He	0.051858	37.6	748.363
Sb	121	1	He	0.025890	25.7	411.677
Ba	138	1	He	0.038697	7.8	1031.720
Pt	195	1	He	0.002125	116.4	176.667
Hg	202	1	He	0.025431	10.8	111.667
Tl	205	1	He	-0.052422		256.673
Pb	208	1	He	0.011498	2.1	1205.033
Bi	209	1	He	0.004283	41.9	573.353
Th	232	1	He	0.004769	20.3	416.677
U	238	1	He	0.002180	33.0	153.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	87.61223899	760002.060
Sc	45	2	H2	97.38508338	4749576.667
Ge	72	1	He	91.26515737	436158.490
Ge	72	2	H2	99.46438603	1432169.333
In	115	1	He	95.32383413	3901362.853
Tb	159	1	He	102.6678128	8624078.830
Ir	193	1	He	109.0223958	4369643.683

Sample Name	4546435_B74422Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	073SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:21:05
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	111.635371	2.0	251990.327
Be	9	2	H2	112.362659	2.5	167963.817
B	11	2	H2	107.488715	3.2	140189.347
Na	23	1	He	2259.389456	0.8	4997055.133
Mg	24	1	He	2205.259119	1.9	2737568.397
Al	27	1	He	2207.965797	0.5	1200572.083
Si	28	2	H2	555.624330	1.1	2483147.000
K	39	1	He	2144.435123	1.5	2585089.287
Ca	43	1	He	2168.337445	0.7	7648.307
Ti	47	1	He	102.986523	0.1	43070.083
V	51	1	He	109.287858	4.3	1267074.610
Cr	52	1	He	110.161650	2.5	1626324.460
Mn	55	1	He	104.555241	0.7	988035.290
Fe	56	1	He	2158.574775	1.7	27355225.333
Co	59	1	He	112.664250	3.0	2531089.333
Ni	60	1	He	109.299906	1.9	672979.837
Cu	63	1	He	110.522736	3.1	1813046.250
Zn	66	1	He	104.147900	0.6	312043.763
As	75	1	He	102.673444	0.9	188972.723
Se	78	2	H2	107.364467	0.8	99326.317
Sr	88	1	He	108.784141	1.8	1129298.290
Mo	95	1	He	104.000923	0.7	729352.957
Pd	105	1	He	22.123060	0.4	229199.083
Ag	107	1	He	66.749298	0.1	1255730.217
Cd	111	1	He	105.138353	1.0	374133.120
Sn	118	1	He	103.021350	2.1	765190.613
Sb	121	1	He	106.019027	1.3	977912.407
Ba	138	1	He	104.658229	1.3	2114484.760
Pt	195	1	He	21.981677	0.8	205251.613
Hg	202	1	He	0.025329	3.7	111.333
Tl	205	1	He	114.062170	1.3	3296065.160
Pb	208	1	He	108.454866	1.1	4385755.713
Bi	209	1	He	107.095345	1.8	3571315.883
Th	232	1	He	114.747698	0.4	4232242.440
U	238	1	He	110.785852	0.3	4107756.187

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.49922804	750347.123
Sc	45	2	H2	97.54318251	4757287.333
Ge	72	1	He	92.17477034	440505.553
Ge	72	2	H2	97.87299053	1409255.123
In	115	1	He	94.50332545	3867781.513
Tb	159	1	He	102.6775450	8624896.330
Ir	193	1	He	107.1800058	4295800.250

Sample Name	10637850001_B74422Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	074SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:23:51
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	6.131784	2.2	14694.853
Be	9	2	H2	0.012569	35.4	34.167
B	11	2	H2	153.611954	1.3	211339.437
Na	23	1	He	67477.26054	0.5	147929167.793
Mg	24	1	He	29895.17428	1.1	36928423.617
Al	27	1	He	26.952158	1.5	15983.177
Si	28	2	H2	9634.249484	3.2	42060357.333
K	39	1	He	18816.45854	0.2	22300738.003
Ca	43	1	He	80505.14087	0.6	281916.783
Ti	47	1	He	0.291669	12.1	125.667
V	51	1	He	0.427122	1.0	4789.257
Cr	52	1	He	0.285304	5.1	5799.210
Mn	55	1	He	4.121445	0.6	37810.290
Fe	56	1	He	5.146560	1.2	74155.137
Co	59	1	He	0.193543	1.1	4397.363
Ni	60	1	He	3.016545	0.5	22720.283
Cu	63	1	He	3.570429	1.1	57054.463
Zn	66	1	He	3.074575	0.8	9683.350
As	75	1	He	0.785906	1.3	1463.410
Se	78	2	H2	0.515825	5.1	504.343
Sr	88	1	He	93.547554	0.8	935457.277
Mo	95	1	He	11.452475	1.5	77305.700
Pd	105	1	He	0.001240	80.9	116.667
Ag	107	1	He	0.046208	21.3	993.377
Cd	111	1	He	0.016114	12.5	75.600
Sn	118	1	He	0.135190	9.9	1310.077
Sb	121	1	He	129.975149	1.6	1153694.227
Ba	138	1	He	49.732243	1.1	960508.060
Pt	195	1	He	0.008541	12.5	226.000
Hg	202	1	He	0.030750	7.8	128.333
Tl	205	1	He	0.000971	831.7	1718.460
Pb	208	1	He	0.041192	3.6	2281.760
Bi	209	1	He	0.023988	7.7	1168.397
Th	232	1	He	0.096498	26.6	3632.243
U	238	1	He	0.819479	0.6	29130.313

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.08001421	746710.607
Sc	45	2	H2	103.1134906	5028957.333
Ge	72	1	He	88.78122823	424287.730
Ge	72	2	H2	98.59618960	1419668.333
In	115	1	He	90.94539865	3722164.590
Tb	159	1	He	98.14163318	8243880.503
Ir	193	1	He	102.5224503	4109124.313

Sample Name	4547889_B74422Dx5
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	075SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:26:54
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	1.297838	2.1	3051.653
Be	9	2	H2	-0.002705		9.667
B	11	2	H2	33.838343	1.4	46006.953
Na	23	1	He	13850.17180	1.2	30856954.540
Mg	24	1	He	5975.171492	0.6	7497510.303
Al	27	1	He	4.866011	2.0	4110.587
Si	28	2	H2	1871.754664	2.0	8326019.667
K	39	1	He	3826.654781	1.7	4634762.327
Ca	43	1	He	16271.79441	0.8	57891.933
Ti	47	1	He	0.061464	35.2	30.333
V	51	1	He	0.090476	35.8	1059.293
Cr	52	1	He	0.039468	24.0	2372.877
Mn	55	1	He	0.837707	0.8	8161.707
Fe	56	1	He	0.722662	1.5	20757.197
Co	59	1	He	0.038228	7.9	1066.043
Ni	60	1	He	0.556725	3.4	8480.560
Cu	63	1	He	0.731161	1.5	12550.940
Zn	66	1	He	0.479442	1.9	2279.523
As	75	1	He	0.139119	4.8	326.333
Se	78	2	H2	0.088451	7.2	107.667
Sr	88	1	He	18.434475	0.4	189782.713
Mo	95	1	He	2.219560	1.7	15811.070
Pd	105	1	He	-0.001268		96.667
Ag	107	1	He	0.011753	11.5	391.677
Cd	111	1	He	0.010455	25.2	59.087
Sn	118	1	He	0.013494	50.2	465.010
Sb	121	1	He	25.058576	2.4	234407.357
Ba	138	1	He	9.854854	1.1	199711.583
Pt	195	1	He	-0.001463		143.333
Hg	202	1	He	0.017620	14.3	79.000
Tl	205	1	He	-0.048994		356.677
Pb	208	1	He	0.014571	16.4	1298.370
Bi	209	1	He	0.007608	24.9	670.027
Th	232	1	He	0.015283	17.4	793.367
U	238	1	He	0.166453	5.6	6191.580

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	87.43473592	758462.290
Sc	45	2	H2	99.61609087	4858385.333
Ge	72	1	He	91.34490654	436539.613
Ge	72	2	H2	99.67278280	1435170.000
In	115	1	He	95.79967987	3920838.013
Tb	159	1	He	102.8740236	8641400.497
Ir	193	1	He	106.4127012	4265046.500

Sample Name	4546783_B74422Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	076SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:29:56
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	114.254415	0.6	268688.077
Be	9	2	H2	108.755666	1.3	169378.067
B	11	2	H2	260.751596	1.7	352435.970
Na	23	1	He	69023.18623	0.5	151219511.077
Mg	24	1	He	31427.54639	1.0	38797637.753
Al	27	1	He	2276.581421	2.7	1231088.587
Si	28	2	H2	9992.910894	3.3	43751969.333
K	39	1	He	20506.94788	0.9	24285502.970
Ca	43	1	He	82081.07544	0.6	287250.897
Ti	47	1	He	102.088972	0.6	42460.293
V	51	1	He	114.617572	1.6	1285059.990
Cr	52	1	He	111.792201	2.5	1595610.873
Mn	55	1	He	106.315437	0.8	971377.603
Fe	56	1	He	2159.856481	0.3	26467425.333
Co	59	1	He	110.817989	0.2	2407579.333
Ni	60	1	He	106.846707	0.4	636263.603
Cu	63	1	He	108.263458	1.5	1717331.960
Zn	66	1	He	101.742045	0.8	294751.080
As	75	1	He	103.804661	0.5	184732.373
Se	78	2	H2	99.486378	2.6	92957.477
Sr	88	1	He	204.514506	1.8	2052704.710
Mo	95	1	He	115.537074	0.7	788841.873
Pd	105	1	He	20.168329	1.4	203429.893
Ag	107	1	He	62.580664	0.7	1146195.583
Cd	111	1	He	101.103885	0.9	350266.650
Sn	118	1	He	102.489022	0.5	741137.097
Sb	121	1	He	233.287111	0.6	2094744.240
Ba	138	1	He	155.094181	2.1	3055270.160
Pt	195	1	He	20.689303	1.5	188394.133
Hg	202	1	He	0.025574	6.0	109.667
Tl	205	1	He	111.753680	2.5	3148530.163
Pb	208	1	He	105.785401	1.1	4096711.840
Bi	209	1	He	105.178975	1.5	3359230.370
Th	232	1	He	117.678199	0.7	4156664.000
U	238	1	He	113.669368	0.6	4036406.087

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.02271289	746213.540
Sc	45	2	H2	101.5864692	4954482.833
Ge	72	1	He	89.12370323	425924.427
Ge	72	2	H2	98.91255822	1424223.667
In	115	1	He	92.00540950	3765548.147
Tb	159	1	He	100.1512404	8412687.170
Ir	193	1	He	102.6463580	4114090.563

Sample Name	4546784_B74422Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	077SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:32:44
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	114.822298	1.6	269326.083
Be	9	2	H2	109.613962	2.2	170268.307
B	11	2	H2	265.301314	2.0	357650.573
Na	23	1	He	70148.27980	0.8	153632551.043
Mg	24	1	He	31908.30850	0.6	39377226.913
Al	27	1	He	2254.847307	2.0	1218823.337
Si	28	2	H2	10336.31804	1.3	44824276.000
K	39	1	He	21003.61194	0.1	24864587.130
Ca	43	1	He	84050.95889	0.6	294041.230
Ti	47	1	He	103.366776	1.0	42976.177
V	51	1	He	112.986784	0.7	1272628.613
Cr	52	1	He	110.180429	1.5	1580044.960
Mn	55	1	He	109.986549	0.3	1009494.230
Fe	56	1	He	2172.020546	1.3	26737653.333
Co	59	1	He	109.724517	1.0	2394628.750
Ni	60	1	He	106.425748	0.3	636646.063
Cu	63	1	He	108.754417	1.1	1733043.250
Zn	66	1	He	101.786209	0.6	296219.117
As	75	1	He	103.912427	0.6	185760.560
Se	78	2	H2	100.682411	0.9	93166.777
Sr	88	1	He	205.521514	1.1	2072196.167
Mo	95	1	He	117.030137	1.6	792308.893
Pd	105	1	He	20.316519	2.2	203202.847
Ag	107	1	He	62.008451	2.5	1126193.680
Cd	111	1	He	102.254012	0.5	351292.583
Sn	118	1	He	103.013542	1.0	738687.983
Sb	121	1	He	237.208544	2.2	2111941.167
Ba	138	1	He	153.393656	2.1	3035926.830
Pt	195	1	He	20.618149	1.3	188629.463
Hg	202	1	He	0.030328	5.6	129.667
Tl	205	1	He	111.268235	1.1	3150816.203
Pb	208	1	He	106.845781	1.5	4149582.180
Bi	209	1	He	105.457520	2.5	3377222.967
Th	232	1	He	118.758404	1.9	4206434.000
U	238	1	He	114.351683	1.3	4072075.253

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.99613149	745982.957
Sc	45	2	H2	101.3476426	4942835.000
Ge	72	1	He	89.52596448	427846.843
Ge	72	2	H2	97.91129252	1409806.627
In	115	1	He	91.23773616	3734129.223
Tb	159	1	He	100.6128385	8451461.333
Ir	193	1	He	102.9439044	4126016.293

Sample Name	10637850001_B74422Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	078SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:35:32
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.370814	1.6	894.697
Be	9	2	H2	0.008623	21.5	26.333
B	11	2	H2	13.256010	1.8	18418.580
Na	23	1	He	3517.764297	1.1	7763103.633
Mg	24	1	He	1569.914433	3.2	1947425.963
Al	27	1	He	0.793720	20.5	1853.457
Si	28	2	H2	459.574358	2.6	2119196.917
K	39	1	He	982.413361	2.5	1202485.713
Ca	43	1	He	4058.796538	1.2	14289.373
Ti	47	1	He	0.036662	37.0	19.667
V	51	1	He	0.005693	302.0	84.703
Cr	52	1	He	0.000345	1210.4	1813.457
Mn	55	1	He	0.215607	5.5	2354.203
Fe	56	1	He	0.077254	49.4	12744.417
Co	59	1	He	0.013835	21.5	526.677
Ni	60	1	He	0.108604	7.0	5807.877
Cu	63	1	He	0.200917	3.0	3961.900
Zn	66	1	He	0.061478	30.8	1049.377
As	75	1	He	0.046304	13.2	158.167
Se	78	2	H2	0.066961	4.4	88.000
Sr	88	1	He	4.636639	1.5	48183.667
Mo	95	1	He	0.594976	3.0	4221.990
Pd	105	1	He	0.000582	248.4	115.000
Ag	107	1	He	0.032970	21.8	788.363
Cd	111	1	He	0.026524	21.3	115.913
Sn	118	1	He	0.043145	14.9	681.690
Sb	121	1	He	6.336705	1.1	58839.023
Ba	138	1	He	2.509537	0.8	50668.900
Pt	195	1	He	0.000744	304.6	162.667
Hg	202	1	He	0.014417	21.9	65.000
Tl	205	1	He	-0.002770		1681.793
Pb	208	1	He	0.027455	10.9	1885.073
Bi	209	1	He	0.016990	26.7	1018.387
Th	232	1	He	0.066838	20.3	2785.340
U	238	1	He	0.051068	14.6	2025.190

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.43668690	749804.603
Sc	45	2	H2	97.46017910	4753239.167
Ge	72	1	He	91.99914317	439666.227
Ge	72	2	H2	100.3783586	1445329.457
In	115	1	He	94.87350116	3882931.867
Tb	159	1	He	102.1213906	8578179.457
Ir	193	1	He	110.4794261	4428041.807

Sample Name	4547889_B74422Dx100
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	079SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:38:35
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.079499	6.0	238.000
Be	9	2	H2	-0.001472		11.333
B	11	2	H2	4.230792	2.4	6776.740
Na	23	1	He	717.808939	0.7	1596853.880
Mg	24	1	He	306.084429	0.8	379182.493
Al	27	1	He	-0.511678		1142.713
Si	28	2	H2	90.172223	1.5	472545.803
K	39	1	He	194.182035	1.4	265366.350
Ca	43	1	He	823.340053	2.5	2907.117
Ti	47	1	He	0.009644	79.8	8.333
V	51	1	He	0.002134	550.4	43.440
Cr	52	1	He	-0.014541		1586.093
Mn	55	1	He	0.048428	8.6	774.023
Fe	56	1	He	-0.195331		9249.707
Co	59	1	He	0.002990	58.8	282.000
Ni	60	1	He	-0.034680		4908.197
Cu	63	1	He	0.046052	9.2	1419.410
Zn	66	1	He	-0.067695		660.687
As	75	1	He	0.009524	26.7	90.167
Se	78	2	H2	0.018288	44.1	41.000
Sr	88	1	He	0.935572	1.8	9786.867
Mo	95	1	He	0.119397	0.2	876.697
Pd	105	1	He	0.000387	176.0	113.333
Ag	107	1	He	0.011887	11.4	391.677
Cd	111	1	He	0.011433	8.8	62.243
Sn	118	1	He	0.010089	37.6	436.677
Sb	121	1	He	1.260167	4.1	11873.627
Ba	138	1	He	0.499815	2.2	10280.693
Pt	195	1	He	-0.000472		151.333
Hg	202	1	He	0.013901	21.9	62.667
Tl	205	1	He	-0.044128		493.347
Pb	208	1	He	0.017436	21.2	1416.713
Bi	209	1	He	0.010135	9.4	755.030
Th	232	1	He	0.023657	14.9	1100.060
U	238	1	He	0.011999	8.5	511.680

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.24048213	748102.603
Sc	45	2	H2	97.70392323	4765126.833
Ge	72	1	He	91.52246646	437388.177
Ge	72	2	H2	98.64851451	1420421.750
In	115	1	He	95.15463902	3894438.127
Tb	159	1	He	102.0282803	8570358.207
Ir	193	1	He	106.5690049	4271311.187

Sample Name	10637979001_B74422Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	080SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:41:40
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	6.322891	1.1	15031.857
Be	9	2	H2	0.002005	144.3	17.333
B	11	2	H2	136.116321	1.0	185934.953
Na	23	1	He	62713.05298	1.1	137686517.947
Mg	24	1	He	29270.57656	1.0	36207972.793
Al	27	1	He	26.006046	1.3	15493.633
Si	28	2	H2	9769.148838	2.1	42159534.667
K	39	1	He	16863.58879	1.2	20017430.950
Ca	43	1	He	79888.24744	1.0	280145.550
Ti	47	1	He	0.292718	18.7	126.333
V	51	1	He	0.362892	6.5	4103.153
Cr	52	1	He	0.280722	3.1	5776.527
Mn	55	1	He	4.108048	1.1	37968.733
Fe	56	1	He	5.845153	1.4	83292.150
Co	59	1	He	0.181344	2.8	4163.293
Ni	60	1	He	2.936987	2.3	22416.470
Cu	63	1	He	3.388342	0.2	54581.893
Zn	66	1	He	4.590795	1.2	14151.793
As	75	1	He	0.885331	2.0	1651.763
Se	78	2	H2	0.472126	6.5	458.677
Sr	88	1	He	92.715421	1.0	934029.360
Mo	95	1	He	10.151664	1.1	69252.130
Pd	105	1	He	0.000429	362.1	110.000
Ag	107	1	He	0.024858	15.2	615.020
Cd	111	1	He	0.007557	25.0	46.743
Sn	118	1	He	0.094345	5.7	1030.067
Sb	121	1	He	102.198484	0.1	916671.967
Ba	138	1	He	47.082979	0.6	946387.227
Pt	195	1	He	0.007489	24.4	225.333
Hg	202	1	He	0.022567	14.8	99.000
Tl	205	1	He	-0.045735		448.343
Pb	208	1	He	0.037779	5.2	2218.427
Bi	209	1	He	0.016032	14.5	943.380
Th	232	1	He	0.024444	21.7	1120.063
U	238	1	He	0.813848	3.0	29858.820

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.20122734	747762.083
Sc	45	2	H2	102.3015308	4989357.167
Ge	72	1	He	89.44727689	427470.793
Ge	72	2	H2	97.43731233	1402981.873
In	115	1	He	91.89593460	3761067.617
Tb	159	1	He	102.1424298	8579946.747
Ir	193	1	He	105.8377893	4242003.893

Sample Name	10637979001_B74422Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	081SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:44:44
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.343779	3.3	837.023
Be	9	2	H2	-0.005482		5.333
B	11	2	H2	9.865866	2.5	14102.793
Na	23	1	He	3211.456553	0.7	7080243.437
Mg	24	1	He	1512.690079	2.9	1874064.607
Al	27	1	He	0.949392	12.0	1935.467
Si	28	2	H2	473.270077	1.5	2138835.833
K	39	1	He	911.836799	2.0	1117269.853
Ca	43	1	He	4040.969102	0.4	14208.940
Ti	47	1	He	0.020807	1.5	13.000
V	51	1	He	0.000009	323120	18.810
Cr	52	1	He	-0.009781		1673.440
Mn	55	1	He	0.203272	2.3	2250.190
Fe	56	1	He	-0.061487		11048.993
Co	59	1	He	0.005249	19.0	336.007
Ni	60	1	He	0.074179	20.9	5627.807
Cu	63	1	He	0.196177	1.0	3905.217
Zn	66	1	He	0.116119	12.0	1218.723
As	75	1	He	0.042574	11.8	152.167
Se	78	2	H2	0.029759	4.3	51.667
Sr	88	1	He	4.553588	2.2	47574.950
Mo	95	1	He	0.496120	2.5	3541.133
Pd	105	1	He	-0.001391		95.000
Ag	107	1	He	0.004131	38.0	245.003
Cd	111	1	He	0.006785	14.2	45.643
Sn	118	1	He	0.002424	167.9	380.010
Sb	121	1	He	5.038609	1.7	47023.007
Ba	138	1	He	2.348465	1.7	48152.993
Pt	195	1	He	0.000189	807.0	160.000
Hg	202	1	He	0.011697	18.0	54.333
Tl	205	1	He	-0.054921		186.670
Pb	208	1	He	0.011452	9.5	1220.033
Bi	209	1	He	0.007134	30.6	680.027
Th	232	1	He	0.004083	12.9	396.677
U	238	1	He	0.040424	7.8	1618.457

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.32651827	748848.933
Sc	45	2	H2	97.90265093	4774819.000
Ge	72	1	He	92.49500161	442035.947
Ge	72	2	H2	98.44965811	1417558.453
In	115	1	He	95.28236010	3899665.427
Tb	159	1	He	103.6642682	8707780.910
Ir	193	1	He	110.5732095	4431800.667

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	082_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:47:46
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	86.772162	1.9	200558.953
Be	9	2	H2	86.072852	2.7	131729.687
B	11	2	H2	85.752962	2.1	114805.513
Na	23	1	He	2148.935662	0.5	4764435.553
Mg	24	1	He	2146.348287	2.7	2670279.127
Al	27	1	He	2106.946577	0.9	1148163.917
Si	28	2	H2	1040.817964	3.4	4674720.833
K	39	1	He	2034.570875	0.9	2459850.847
Ca	43	1	He	2055.113105	2.2	7266.727
Ti	47	1	He	81.520014	1.6	34167.133
V	51	1	He	86.520904	4.4	999853.790
Cr	52	1	He	85.600518	3.3	1259969.917
Mn	55	1	He	81.876385	1.8	771234.207
Fe	56	1	He	1021.483557	1.7	12909652.333
Co	59	1	He	87.002088	2.4	1948361.167
Ni	60	1	He	84.488750	1.1	519727.843
Cu	63	1	He	87.945250	1.6	1438254.960
Zn	66	1	He	81.567089	0.8	243786.417
As	75	1	He	81.021884	1.2	148657.340
Se	78	2	H2	83.333891	1.9	78648.820
Sr	88	1	He	82.550747	1.7	854245.403
Mo	95	1	He	80.931225	0.9	568181.770
Pd	105	1	He	85.006512	1.1	881281.810
Ag	107	1	He	49.212179	0.6	926910.947
Cd	111	1	He	82.649899	0.7	294429.713
Sn	118	1	He	82.274181	0.4	611849.263
Sb	121	1	He	81.890389	1.0	756187.513
Ba	138	1	He	81.587840	1.1	1658906.177
Pt	195	1	He	84.753384	0.8	795909.627
Hg	202	1	He	4.114550	2.3	17473.793
Tl	205	1	He	45.092717	1.3	1312348.343
Pb	208	1	He	84.139154	1.0	3494967.600
Bi	209	1	He	84.569906	3.2	2895885.373
Th	232	1	He	88.330027	1.1	3345894.327
U	238	1	He	87.059215	1.3	3315198.807

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.68899179	751993.250
Sc	45	2	H2	99.86898317	4870719.167
Ge	72	1	He	91.88142460	439103.647
Ge	72	2	H2	99.88005957	1438154.540
In	115	1	He	94.60965429	3872133.283
Tb	159	1	He	103.3253638	8679312.997
Ir	193	1	He	110.0872468	4412323.163

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	083_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:50:35
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.019741	5.4	101.167
Be	9	2	H2	0.008841	15.8	26.333
B	11	2	H2	1.699220	2.5	3442.907
Na	23	1	He	4.658077	11.5	30794.490
Mg	24	1	He	1.409112	15.1	2130.173
Al	27	1	He	0.440740	23.1	1665.770
Si	28	2	H2	-4.266631		59299.360
K	39	1	He	3.696834	9.9	39726.760
Ca	43	1	He	3.360422	35.4	30.680
Ti	47	1	He	0.010368	107.1	8.667
V	51	1	He	-0.010860		-103.897
Cr	52	1	He	-0.019599		1495.417
Mn	55	1	He	0.017573	14.7	479.343
Fe	56	1	He	0.028220	51.8	11929.037
Co	59	1	He	0.011049	11.1	456.677
Ni	60	1	He	-0.041892		4812.180
Cu	63	1	He	0.020399	14.0	990.703
Zn	66	1	He	-0.026923		773.357
As	75	1	He	0.009133	44.0	88.500
Se	78	2	H2	0.034265	12.5	54.667
Sr	88	1	He	0.011601	31.3	260.003
Mo	95	1	He	0.022383	2.5	188.000
Pd	105	1	He	0.010540	19.0	215.000
Ag	107	1	He	0.031053	32.5	738.360
Cd	111	1	He	0.019308	9.3	88.647
Sn	118	1	He	0.026740	16.6	550.020
Sb	121	1	He	0.021590	17.4	363.343
Ba	138	1	He	0.012094	7.8	495.013
Pt	195	1	He	0.009530	18.8	246.000
Hg	202	1	He	0.039645	7.8	172.000
Tl	205	1	He	-0.031298		868.370
Pb	208	1	He	0.021513	5.4	1618.383
Bi	209	1	He	0.015017	28.7	938.377
Th	232	1	He	0.045303	24.3	1940.177
U	238	1	He	0.010611	3.0	471.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.63750052	751546.583
Sc	45	2	H2	96.17426020	4690523.500
Ge	72	1	He	90.52202465	432607.040
Ge	72	2	H2	96.34825885	1387300.793
In	115	1	He	93.31783700	3819262.477
Tb	159	1	He	102.8727091	8641290.080
Ir	193	1	He	109.1403338	4374370.667

Sample Name	4551549_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	084SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 17:57:22
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.002790	73.1	66.000
Be	9	2	H2	-0.006647		3.667
B	11	2	H2	0.632925	5.2	2166.497
Na	23	1	He	3.099721	8.9	27384.323
Mg	24	1	He	1.886801	1.9	2726.950
Al	27	1	He	-0.225408		1304.727
Si	28	2	H2	-2.930990		68178.427
K	39	1	He	2.018301	4.7	37768.143
Ca	43	1	He	8.841498	18.4	50.050
Ti	47	1	He	0.069238	28.6	33.333
V	51	1	He	-0.025726		-277.730
Cr	52	1	He	0.179249	0.4	4454.050
Mn	55	1	He	0.018999	44.9	501.343
Fe	56	1	He	2.101108	2.3	38393.257
Co	59	1	He	-0.000905		196.667
Ni	60	1	He	-0.052523		4831.507
Cu	63	1	He	0.021668	9.0	1029.373
Zn	66	1	He	0.010275	111.0	898.033
As	75	1	He	-0.006413		61.500
Se	78	2	H2	0.008129	95.4	32.333
Sr	88	1	He	0.010196	53.7	250.007
Mo	95	1	He	0.009054	37.5	102.000
Pd	105	1	He	-0.002186		90.000
Ag	107	1	He	0.004537	16.2	263.337
Cd	111	1	He	0.003149	31.8	33.990
Sn	118	1	He	0.008165	64.4	440.010
Sb	121	1	He	0.010981	10.4	283.340
Ba	138	1	He	0.041873	5.3	1145.063
Pt	195	1	He	0.002442	53.6	187.333
Hg	202	1	He	0.014740	29.2	69.333
Tl	205	1	He	-0.054528		205.000
Pb	208	1	He	0.018986	5.6	1600.057
Bi	209	1	He	0.005578	17.2	653.357
Th	232	1	He	0.014209	29.7	815.033
U	238	1	He	0.001295	13.4	126.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.72735778	752326.060
Sc	45	2	H2	100.0717535	4880608.500
Ge	72	1	He	92.14382539	440357.667
Ge	72	2	H2	101.0382391	1454830.953
In	115	1	He	99.22434522	4061000.883
Tb	159	1	He	107.2406841	9008199.240
Ir	193	1	He	115.3151658	4621859.407

Sample Name	4551550_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	085SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:00:28
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	108.283716	2.2	248943.033
Be	9	2	H2	108.518856	2.4	165228.757
B	11	2	H2	103.955149	2.2	138165.933
Na	23	1	He	2224.829398	1.1	4863742.427
Mg	24	1	He	2222.396986	1.3	2726940.580
Al	27	1	He	2189.866390	2.3	1176807.833
Si	28	2	H2	535.424849	3.8	2472533.583
K	39	1	He	2092.755932	1.9	2494261.423
Ca	43	1	He	2154.632961	0.7	7512.030
Ti	47	1	He	101.081915	0.6	41783.290
V	51	1	He	105.716616	1.7	1234497.850
Cr	52	1	He	104.710647	2.2	1556870.457
Mn	55	1	He	99.356227	0.6	945446.000
Fe	56	1	He	2091.095763	1.1	26687005.333
Co	59	1	He	109.777029	1.1	2483766.833
Ni	60	1	He	105.685233	0.8	655467.917
Cu	63	1	He	107.297132	0.7	1772604.413
Zn	66	1	He	101.097526	1.1	305029.990
As	75	1	He	100.324356	0.7	185938.413
Se	78	2	H2	103.378990	3.0	98725.133
Sr	88	1	He	104.883556	0.9	1096463.917
Mo	95	1	He	101.809545	1.4	722048.293
Pd	105	1	He	21.443687	0.8	224685.060
Ag	107	1	He	64.184041	3.6	1220872.350
Cd	111	1	He	103.147080	0.8	371213.877
Sn	118	1	He	100.992377	0.7	758694.493
Sb	121	1	He	103.658010	1.5	966908.473
Ba	138	1	He	101.026973	1.5	2096784.760
Pt	195	1	He	21.461183	0.6	205868.970
Hg	202	1	He	0.020333	14.7	92.667
Tl	205	1	He	112.669926	1.6	3344609.740
Pb	208	1	He	104.546003	1.1	4406988.997
Bi	209	1	He	104.858033	1.4	3645109.840
Th	232	1	He	112.052713	2.3	4307762.957
U	238	1	He	108.072720	1.0	4177206.087

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.49404132	741627.520
Sc	45	2	H2	99.34683983	4845253.667
Ge	72	1	He	92.81378628	443559.427
Ge	72	2	H2	101.1305388	1456159.960
In	115	1	He	95.58042474	3911864.457
Tb	159	1	He	105.4798944	8860293.200
Ir	193	1	He	111.7309910	4478204.827

Sample Name	10638993001_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	086SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:03:15
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	3.461029	1.3	8164.270
Be	9	2	H2	0.007589	75.0	25.667
B	11	2	H2	18.739951	1.2	26474.400
Na	23	1	He	5373.843431	0.3	11648116.913
Mg	24	1	He	6100.214231	0.5	7438874.053
Al	27	1	He	1.934175	4.8	2430.540
Si	28	2	H2	6614.113100	1.5	29183633.333
K	39	1	He	539.820515	0.8	665203.583
Ca	43	1	He	115551.3859	0.9	399420.037
Ti	47	1	He	0.147098	16.5	64.667
V	51	1	He	0.454192	5.4	5174.997
Cr	52	1	He	0.389771	2.5	7398.613
Mn	55	1	He	22.442390	1.5	207800.677
Fe	56	1	He	2.979406	11.1	48467.563
Co	59	1	He	0.097104	5.6	2346.870
Ni	60	1	He	0.215685	20.4	6334.103
Cu	63	1	He	0.577472	2.0	9928.850
Zn	66	1	He	1.020313	2.0	3833.200
As	75	1	He	0.146956	1.4	336.333
Se	78	2	H2	0.506729	3.2	501.010
Sr	88	1	He	405.652411	1.5	4121338.897
Mo	95	1	He	0.130880	8.0	949.367
Pd	105	1	He	0.009175	32.1	203.333
Ag	107	1	He	0.029260	28.8	713.357
Cd	111	1	He	0.016935	6.7	81.240
Sn	118	1	He	0.036009	24.7	625.023
Sb	121	1	He	0.043510	11.9	568.353
Ba	138	1	He	26.715047	0.3	538102.843
Pt	195	1	He	0.006790	11.5	219.333
Hg	202	1	He	0.017337	11.2	77.333
Tl	205	1	He	-0.000232		1758.477
Pb	208	1	He	0.024233	14.9	1726.727
Bi	209	1	He	0.015468	14.5	951.710
Th	232	1	He	0.081969	22.2	3310.480
U	238	1	He	0.202217	1.8	7685.737

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.97391961	737115.667
Sc	45	2	H2	101.1826849	4934789.833
Ge	72	1	He	90.21297069	431130.063
Ge	72	2	H2	99.53720452	1433217.833
In	115	1	He	94.30776223	3859777.607
Tb	159	1	He	102.3282536	8595555.913
Ir	193	1	He	108.8575676	4363037.330

Sample Name	4551935_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	087SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:06:16
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	89.513914	1.3	211469.940
Be	9	2	H2	86.525038	1.2	135372.950
B	11	2	H2	100.090193	1.3	136740.953
Na	23	1	He	7379.004418	1.2	16107476.843
Mg	24	1	He	8038.616442	0.6	9876590.893
Al	27	1	He	2146.176829	1.4	1155026.043
Si	28	2	H2	7703.340880	2.1	33564063.333
K	39	1	He	2491.777988	1.8	2967398.810
Ca	43	1	He	115063.8035	0.0	400755.503
Ti	47	1	He	82.652944	0.7	34214.587
V	51	1	He	87.450542	4.2	990707.923
Cr	52	1	He	85.219626	2.0	1229709.543
Mn	55	1	He	102.999734	0.9	950995.647
Fe	56	1	He	1049.397823	1.8	13000642.333
Co	59	1	He	85.071757	0.9	1867605.790
Ni	60	1	He	82.031708	1.1	494772.033
Cu	63	1	He	85.453303	0.8	1369925.790
Zn	66	1	He	79.734752	0.9	233609.587
As	75	1	He	81.745558	0.6	147022.437
Se	78	2	H2	83.290816	1.7	77394.730
Sr	88	1	He	477.575133	0.8	4843883.260
Mo	95	1	He	82.314595	1.2	567745.627
Pd	105	1	He	82.827494	1.1	843650.977
Ag	107	1	He	2.769423	0.5	51398.127
Cd	111	1	He	80.582889	0.7	282047.630
Sn	118	1	He	82.255226	1.2	600973.467
Sb	121	1	He	81.306820	1.4	737674.153
Ba	138	1	He	107.654301	1.6	2177562.520
Pt	195	1	He	83.423989	1.2	779429.710
Hg	202	1	He	0.019208	10.1	85.667
Tl	205	1	He	43.960729	2.8	1272658.290
Pb	208	1	He	84.154479	0.6	3403828.937
Bi	209	1	He	81.323704	2.7	2712289.023
Th	232	1	He	112.673559	0.1	4156466.603
U	238	1	He	89.412348	1.6	3315774.743

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.61503388	742677.083
Sc	45	2	H2	102.0505693	4977117.500
Ge	72	1	He	90.05914713	430394.937
Ge	72	2	H2	98.33495006	1415906.793
In	115	1	He	92.94851857	3804147.210
Tb	159	1	He	102.8011638	8635280.287
Ir	193	1	He	107.1979100	4296517.853

Sample Name	4551936_B74510Dx5
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	088SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:09:04
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.736871	1.9	1737.103
Be	9	2	H2	0.001151	134.6	15.333
B	11	2	H2	4.993732	1.0	7819.590
Na	23	1	He	1086.638210	1.3	2405458.763
Mg	24	1	He	1261.255779	1.8	1560514.197
Al	27	1	He	-0.237407		1290.393
Si	28	2	H2	1301.694265	2.9	5783404.667
K	39	1	He	106.143236	0.7	160908.190
Ca	43	1	He	22824.01415	0.5	80047.243
Ti	47	1	He	0.039304	34.3	20.667
V	51	1	He	0.060641	49.3	719.517
Cr	52	1	He	0.041717	8.4	2410.213
Mn	55	1	He	4.523919	2.4	42746.290
Fe	56	1	He	0.285428	7.0	15296.937
Co	59	1	He	0.020491	11.2	672.020
Ni	60	1	He	-0.010088		5056.910
Cu	63	1	He	0.119068	1.6	2608.250
Zn	66	1	He	0.117720	17.7	1210.723
As	75	1	He	0.028458	20.3	124.667
Se	78	2	H2	0.119237	7.6	136.000
Sr	88	1	He	80.184355	2.4	826456.500
Mo	95	1	He	0.037978	14.4	301.337
Pd	105	1	He	0.006479	83.0	176.667
Ag	107	1	He	0.016929	14.0	486.680
Cd	111	1	He	0.012773	19.2	66.970
Sn	118	1	He	0.018429	13.9	498.347
Sb	121	1	He	0.016948	24.6	326.677
Ba	138	1	He	5.266624	2.2	108320.917
Pt	195	1	He	0.005441	29.3	210.667
Hg	202	1	He	0.015365	18.1	70.333
Tl	205	1	He	-0.032310		850.037
Pb	208	1	He	0.015884	17.3	1406.710
Bi	209	1	He	0.011985	11.3	848.370
Th	232	1	He	0.037471	17.0	1675.130
U	238	1	He	0.045758	0.2	1826.813

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.19359280	747695.857
Sc	45	2	H2	98.39032030	4798603.167
Ge	72	1	He	91.52553543	437402.843
Ge	72	2	H2	99.16919994	1427919.003
In	115	1	He	95.03397881	3889499.810
Tb	159	1	He	104.2949887	8760761.327
Ir	193	1	He	110.8463126	4442746.703

Sample Name	4551551_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	089SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:12:06
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	106.261105	0.4	251699.470
Be	9	2	H2	102.538186	0.9	160852.310
B	11	2	H2	116.903213	1.3	159904.240
Na	23	1	He	7501.767320	1.3	16231779.343
Mg	24	1	He	8176.123989	1.1	9957750.267
Al	27	1	He	2107.357877	1.5	1124218.707
Si	28	2	H2	7170.284571	1.4	31425462.667
K	39	1	He	2530.390943	0.8	2986509.223
Ca	43	1	He	117517.4690	0.5	405700.417
Ti	47	1	He	98.502738	0.5	40415.390
V	51	1	He	107.549052	2.7	1210785.503
Cr	52	1	He	105.602826	0.5	1513836.790
Mn	55	1	He	123.492535	1.6	1132951.167
Fe	56	1	He	2069.584050	1.1	25466539.333
Co	59	1	He	105.911177	2.1	2310635.667
Ni	60	1	He	100.028326	0.7	598426.710
Cu	63	1	He	103.234867	3.2	1644399.377
Zn	66	1	He	95.957482	1.0	279198.583
As	75	1	He	98.553034	0.7	176115.273
Se	78	2	H2	98.688268	1.8	92236.153
Sr	88	1	He	508.313312	1.9	5122772.320
Mo	95	1	He	101.047486	1.7	689097.583
Pd	105	1	He	20.381184	1.1	205358.587
Ag	107	1	He	60.384175	0.7	1104806.677
Cd	111	1	He	98.867447	1.2	342145.243
Sn	118	1	He	100.061847	1.1	722832.490
Sb	121	1	He	101.307747	1.4	908736.630
Ba	138	1	He	125.183858	0.6	2528383.557
Pt	195	1	He	20.302618	1.6	189525.153
Hg	202	1	He	0.021065	11.6	93.333
Tl	205	1	He	109.376860	1.7	3159739.017
Pb	208	1	He	100.813958	1.7	4114995.250
Bi	209	1	He	99.254767	2.8	3341202.557
Th	232	1	He	110.774311	1.7	4124339.623
U	238	1	He	106.606111	1.3	3989806.607

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.86283643	736152.063
Sc	45	2	H2	102.3168301	4990103.333
Ge	72	1	He	89.49070834	427678.353
Ge	72	2	H2	98.88567823	1423836.627
In	115	1	He	91.91734280	3761943.800
Tb	159	1	He	102.6466422	8622300.497
Ir	193	1	He	108.1857486	4336110.663

Sample Name	4551552_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	090SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:14:52
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	105.373145	1.5	246571.167
Be	9	2	H2	101.807583	1.9	157769.047
B	11	2	H2	117.259720	2.4	158436.813
Na	23	1	He	7601.268645	0.8	16574854.753
Mg	24	1	He	8190.758090	1.0	10053129.433
Al	27	1	He	2057.072144	2.9	1105803.420
Si	28	2	H2	7361.304621	1.2	32121796.667
K	39	1	He	2534.717503	1.6	3014532.557
Ca	43	1	He	119889.6414	0.5	417096.290
Ti	47	1	He	96.629648	0.3	39954.783
V	51	1	He	103.146851	0.3	1171007.610
Cr	52	1	He	102.183470	1.3	1477074.330
Mn	55	1	He	119.421452	1.9	1104840.457
Fe	56	1	He	2000.944963	1.0	24826954.000
Co	59	1	He	101.907170	1.4	2241627.750
Ni	60	1	He	97.231819	1.6	586657.940
Cu	63	1	He	99.430591	3.0	1596876.787
Zn	66	1	He	93.312135	0.3	273790.960
As	75	1	He	97.211949	1.2	175161.173
Se	78	2	H2	97.999581	0.8	91180.597
Sr	88	1	He	507.203769	1.4	5154203.260
Mo	95	1	He	96.995061	1.4	678519.353
Pd	105	1	He	19.475465	2.0	201267.797
Ag	107	1	He	58.727743	3.1	1101961.130
Cd	111	1	He	94.928041	1.0	336955.450
Sn	118	1	He	97.138099	1.1	719720.430
Sb	121	1	He	97.705663	1.1	898964.987
Ba	138	1	He	124.566863	1.3	2510576.110
Pt	195	1	He	20.231451	0.6	188454.833
Hg	202	1	He	0.019861	18.0	88.000
Tl	205	1	He	109.213796	1.2	3148355.160
Pb	208	1	He	98.458115	3.3	4032955.410
Bi	209	1	He	97.064372	3.4	3278611.303
Th	232	1	He	107.898395	0.5	4032895.150
U	238	1	He	104.933789	2.9	3941237.750

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.52123563	741863.420
Sc	45	2	H2	101.0924675	4930389.833
Ge	72	1	He	90.23677680	431243.833
Ge	72	2	H2	98.44547397	1417498.207
In	115	1	He	94.26840040	3858166.627
Tb	159	1	He	102.4239954	8603598.207
Ir	193	1	He	108.6231134	4353640.350

Sample Name	10638993001_B74510Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	091SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:18:38
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.200515	2.4	520.510
Be	9	2	H2	0.008571	43.6	26.833
B	11	2	H2	2.632880	0.9	4787.623
Na	23	1	He	279.731317	0.3	631373.843
Mg	24	1	He	316.367529	0.4	389833.863
Al	27	1	He	-0.696466		1037.040
Si	28	2	H2	335.839750	0.7	1567097.670
K	39	1	He	28.197634	2.5	68223.570
Ca	43	1	He	5902.124665	1.1	20613.063
Ti	47	1	He	0.022630	13.8	13.667
V	51	1	He	0.035822	37.8	432.933
Cr	52	1	He	-0.016589		1562.087
Mn	55	1	He	1.161144	2.9	11258.497
Fe	56	1	He	0.108027	42.0	13121.420
Co	59	1	He	0.012762	18.0	502.010
Ni	60	1	He	-0.061010		4768.817
Cu	63	1	He	0.076222	5.9	1918.807
Zn	66	1	He	0.275828	4.5	1686.773
As	75	1	He	0.010721	58.2	92.667
Se	78	2	H2	0.069282	12.6	90.000
Sr	88	1	He	20.511353	1.9	212434.957
Mo	95	1	He	0.040054	22.3	321.340
Pd	105	1	He	0.001164	69.1	123.333
Ag	107	1	He	0.020151	24.9	556.680
Cd	111	1	He	0.019779	12.9	93.633
Sn	118	1	He	0.033254	25.6	620.020
Sb	121	1	He	0.022340	11.7	383.343
Ba	138	1	He	1.344989	0.5	28256.520
Pt	195	1	He	-0.000230		159.333
Hg	202	1	He	0.012666	19.0	59.667
Tl	205	1	He	-0.005612		1658.457
Pb	208	1	He	0.024605	13.0	1788.397
Bi	209	1	He	0.016765	20.3	1023.383
Th	232	1	He	0.068079	29.0	2865.367
U	238	1	He	0.024474	14.7	1020.057

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.78390525	744141.977
Sc	45	2	H2	99.38183665	4846960.500
Ge	72	1	He	91.91307610	439254.910
Ge	72	2	H2	100.1075405	1441429.997
In	115	1	He	96.69641324	3957539.037
Tb	159	1	He	105.8030151	8887435.283
Ir	193	1	He	111.8276124	4482077.433

Sample Name	4551935_B74510Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	092SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:21:41
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	87.904719	1.9	200395.333
Be	9	2	H2	86.680474	2.4	130857.930
B	11	2	H2	86.773440	3.0	114549.280
Na	23	1	He	2448.875334	1.4	5349627.213
Mg	24	1	He	2456.346890	1.1	3013054.327
Al	27	1	He	2144.092950	1.5	1151887.000
Si	28	2	H2	1406.344842	0.3	6318066.167
K	39	1	He	2056.870744	2.2	2451222.307
Ca	43	1	He	7771.737914	1.8	27036.960
Ti	47	1	He	82.660682	1.0	34156.093
V	51	1	He	87.180510	0.5	991503.383
Cr	52	1	He	85.666067	0.8	1240830.250
Mn	55	1	He	82.623867	2.0	765791.583
Fe	56	1	He	1067.751072	1.0	13277229.000
Co	59	1	He	88.281499	2.8	1945270.250
Ni	60	1	He	84.772564	1.0	513068.707
Cu	63	1	He	86.964674	0.8	1399404.250
Zn	66	1	He	81.305663	1.0	239089.830
As	75	1	He	82.532294	1.4	148990.230
Se	78	2	H2	84.313419	1.1	79944.673
Sr	88	1	He	103.939524	1.0	1058322.850
Mo	95	1	He	81.391802	0.5	577675.940
Pd	105	1	He	85.451195	0.8	895656.573
Ag	107	1	He	3.226515	2.7	61593.140
Cd	111	1	He	81.739282	1.0	294396.820
Sn	118	1	He	82.580831	0.5	620859.667
Sb	121	1	He	82.131320	2.0	766793.507
Ba	138	1	He	83.549941	2.6	1720524.037
Pt	195	1	He	86.900263	2.7	826221.083
Hg	202	1	He	0.012865	14.5	60.000
Tl	205	1	He	45.121621	4.1	1329155.890
Pb	208	1	He	83.809944	0.2	3538845.930
Bi	209	1	He	84.062610	2.0	2926622.040
Th	232	1	He	111.814924	0.8	4305916.080
U	238	1	He	87.945479	0.6	3405057.450

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.46428283	741369.377
Sc	45	2	H2	98.49847522	4803878.000
Ge	72	1	He	90.39796309	432014.147
Ge	72	2	H2	100.3150460	1444417.830
In	115	1	He	95.63871860	3914250.277
Tb	159	1	He	104.6471695	8790344.453
Ir	193	1	He	111.9097445	4485369.307

Sample Name	4551936_B74510Dx100
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	093SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:24:29
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.087760	2.6	255.667
Be	9	2	H2	0.008695	27.6	26.500
B	11	2	H2	1.884619	1.9	3723.307
Na	23	1	He	110.629827	2.0	260024.033
Mg	24	1	He	126.345290	1.3	154745.817
Al	27	1	He	-0.776424		986.370
Si	28	2	H2	123.373746	0.7	631890.753
K	39	1	He	12.275514	1.9	49082.300
Ca	43	1	He	2319.579438	0.4	8052.350
Ti	47	1	He	0.020421	69.6	12.667
V	51	1	He	0.001177	2473.8	32.077
Cr	52	1	He	-0.031906		1332.730
Mn	55	1	He	0.461637	0.8	4652.780
Fe	56	1	He	-0.165481		9631.297
Co	59	1	He	0.009851	10.7	435.343
Ni	60	1	He	-0.067207		4714.140
Cu	63	1	He	0.025463	12.7	1084.713
Zn	66	1	He	-0.027400		780.690
As	75	1	He	0.001019	228.2	74.667
Se	78	2	H2	0.038774	24.6	61.667
Sr	88	1	He	7.932308	2.2	81954.923
Mo	95	1	He	0.025607	13.3	218.000
Pd	105	1	He	0.008893	42.0	205.000
Ag	107	1	He	0.013874	33.6	435.010
Cd	111	1	He	0.017263	11.1	84.313
Sn	118	1	He	0.029840	4.3	593.353
Sb	121	1	He	0.015219	50.9	315.007
Ba	138	1	He	0.529533	2.2	11126.360
Pt	195	1	He	0.004010	47.6	197.333
Hg	202	1	He	0.011839	10.0	55.333
Tl	205	1	He	-0.027620		990.047
Pb	208	1	He	0.020759	13.7	1608.387
Bi	209	1	He	0.016233	0.3	993.383
Th	232	1	He	0.046710	17.5	2020.183
U	238	1	He	0.015191	10.6	653.360

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.14235868	738576.810
Sc	45	2	H2	97.32124092	4746463.000
Ge	72	1	He	91.57924024	437659.500
Ge	72	2	H2	100.9681062	1453821.123
In	115	1	He	96.60692778	3953876.623
Tb	159	1	He	104.3377294	8764351.540
Ir	193	1	He	110.5987858	4432825.770

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	094_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:27:35
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	86.619237	2.4	196876.257
Be	9	2	H2	85.813225	2.6	129166.573
B	11	2	H2	83.606481	3.4	110080.373
Na	23	1	He	2107.903566	1.6	4582190.660
Mg	24	1	He	2125.823731	2.0	2593139.333
Al	27	1	He	2094.880252	1.3	1119306.707
Si	28	2	H2	1030.148025	0.2	4548980.667
K	39	1	He	2017.860620	1.5	2392219.130
Ca	43	1	He	2038.568812	0.1	7066.843
Ti	47	1	He	82.872959	0.4	34056.837
V	51	1	He	85.264172	0.9	974161.617
Cr	52	1	He	85.959782	0.4	1250813.413
Mn	55	1	He	81.958619	1.2	763099.917
Fe	56	1	He	1037.970882	0.8	12966155.667
Co	59	1	He	88.761497	1.0	1964882.000
Ni	60	1	He	84.952365	0.3	516506.147
Cu	63	1	He	89.073273	1.9	1439830.293
Zn	66	1	He	82.112314	0.9	242568.753
As	75	1	He	81.648277	0.7	148077.343
Se	78	2	H2	84.157838	1.5	78052.180
Sr	88	1	He	83.352245	0.2	852595.717
Mo	95	1	He	80.457763	0.5	566444.917
Pd	105	1	He	85.439650	0.6	888295.140
Ag	107	1	He	49.159315	0.7	928515.873
Cd	111	1	He	82.748905	0.2	295619.000
Sn	118	1	He	82.003132	0.9	611531.200
Sb	121	1	He	81.205607	1.5	751920.483
Ba	138	1	He	82.862738	1.5	1691476.120
Pt	195	1	He	86.518920	0.7	815793.230
Hg	202	1	He	4.148986	0.9	17691.413
Tl	205	1	He	44.861136	2.4	1311046.673
Pb	208	1	He	83.900539	1.4	3534225.157
Bi	209	1	He	84.706846	1.7	2942237.560
Th	232	1	He	88.210813	1.9	3388416.617
U	238	1	He	85.010172	1.3	3283215.057

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.99503026	737298.793
Sc	45	2	H2	98.22606657	4790592.333
Ge	72	1	He	90.81150139	433990.457
Ge	72	2	H2	98.14272082	1413138.920
In	115	1	He	94.87197700	3882869.487
Tb	159	1	He	103.7490898	8714905.913
Ir	193	1	He	111.6349364	4474354.933

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	095_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:30:23
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.023993	11.9	109.833
Be	9	2	H2	0.011816	11.4	30.500
B	11	2	H2	1.132056	3.9	2698.083
Na	23	1	He	-0.156275		19556.677
Mg	24	1	He	0.456405	16.6	916.703
Al	27	1	He	0.397625	8.4	1592.090
Si	28	2	H2	-3.601932		61542.003
K	39	1	He	2.172786	19.4	36750.483
Ca	43	1	He	2.563020	110.8	27.007
Ti	47	1	He	0.010184	61.1	8.333
V	51	1	He	0.030236	16.5	359.747
Cr	52	1	He	-0.023514		1425.410
Mn	55	1	He	0.012147	54.3	424.677
Fe	56	1	He	0.018659	87.3	11700.173
Co	59	1	He	0.013256	10.2	500.677
Ni	60	1	He	-0.058723		4666.790
Cu	63	1	He	0.015101	27.8	896.700
Zn	66	1	He	-0.025692		769.357
As	75	1	He	0.005226	101.5	80.667
Se	78	2	H2	0.030802	22.6	51.000
Sr	88	1	He	0.016289	13.8	305.010
Mo	95	1	He	0.021951	19.1	185.333
Pd	105	1	He	0.010224	51.2	211.667
Ag	107	1	He	0.030160	24.2	725.027
Cd	111	1	He	0.021805	2.7	97.647
Sn	118	1	He	0.032227	2.8	591.687
Sb	121	1	He	0.011909	48.3	275.007
Ba	138	1	He	0.010651	9.6	461.677
Pt	195	1	He	0.009192	48.9	240.667
Hg	202	1	He	0.037881	15.4	163.000
Tl	205	1	He	-0.029673		906.707
Pb	208	1	He	0.022318	4.1	1658.387
Bi	209	1	He	0.012982	4.6	873.373
Th	232	1	He	0.040705	15.5	1775.143
U	238	1	He	0.011874	17.4	521.680

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.98221823	728513.043
Sc	45	2	H2	95.40433003	4652973.167
Ge	72	1	He	89.67518669	428559.980
Ge	72	2	H2	95.51776483	1375342.663
In	115	1	He	93.49315244	3826437.693
Tb	159	1	He	101.9564771	8564326.747
Ir	193	1	He	109.5859399	4392230.663

Sample Name	10638993002_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	096SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:33:29
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	4.361625	0.3	10411.030
Be	9	2	H2	0.066938	10.3	119.333
B	11	2	H2	18.268239	0.4	26188.720
Na	23	1	He	5312.652847	1.1	11507663.997
Mg	24	1	He	6226.482715	0.4	7587548.010
Al	27	1	He	1175.587724	1.5	628099.980
Si	28	2	H2	8654.746053	2.4	37973784.000
K	39	1	He	778.385624	3.4	943141.497
Ca	43	1	He	115416.1330	1.0	398664.533
Ti	47	1	He	27.794478	26.7	11403.827
V	51	1	He	1.720497	2.2	19243.343
Cr	52	1	He	1.751794	0.4	26639.100
Mn	55	1	He	61.373147	0.4	558954.250
Fe	56	1	He	1246.304662	0.4	15224265.000
Co	59	1	He	0.779029	1.3	17072.993
Ni	60	1	He	1.237528	1.1	12253.337
Cu	63	1	He	1.687054	1.3	27308.430
Zn	66	1	He	7.447465	1.5	22275.633
As	75	1	He	0.351567	0.6	693.853
Se	78	2	H2	0.515320	5.3	505.677
Sr	88	1	He	411.521531	1.3	4116065.563
Mo	95	1	He	0.126872	2.8	912.033
Pd	105	1	He	0.013309	27.0	243.337
Ag	107	1	He	0.011111	8.9	370.010
Cd	111	1	He	0.038700	10.5	156.910
Sn	118	1	He	0.060972	14.4	801.700
Sb	121	1	He	0.048122	11.5	605.020
Ba	138	1	He	34.776002	2.2	697293.480
Pt	195	1	He	0.006998	49.8	220.667
Hg	202	1	He	0.030291	4.9	131.333
Tl	205	1	He	-0.020342		1175.063
Pb	208	1	He	1.518692	2.8	62623.390
Bi	209	1	He	0.023703	6.5	1221.740
Th	232	1	He	0.137836	17.5	5369.173
U	238	1	He	0.229297	2.2	8641.360

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.91121516	736571.730
Sc	45	2	H2	102.5213605	5000078.500
Ge	72	1	He	88.81291810	424439.177
Ge	72	2	H2	99.02000942	1425770.837
In	115	1	He	93.37244075	3821497.270
Tb	159	1	He	101.8975608	8559377.790
Ir	193	1	He	108.0669583	4331349.520

Sample Name	10638993002_B74509Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	097SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:36:29
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.244590	2.0	609.843
Be	9	2	H2	0.001340	49.5	15.500
B	11	2	H2	1.641791	3.3	3415.067
Na	23	1	He	280.156226	0.9	626059.067
Mg	24	1	He	328.845028	0.9	401190.387
Al	27	1	He	64.502838	5.1	35806.110
Si	28	2	H2	431.670956	2.7	1967392.040
K	39	1	He	40.593672	1.2	82027.140
Ca	43	1	He	5928.783211	1.1	20502.473
Ti	47	1	He	1.532466	27.7	634.427
V	51	1	He	0.094449	29.7	1096.883
Cr	52	1	He	0.043320	15.8	2412.220
Mn	55	1	He	3.146431	1.9	29577.497
Fe	56	1	He	63.926986	1.1	808883.813
Co	59	1	He	0.035618	10.5	1001.373
Ni	60	1	He	-0.036296		4856.183
Cu	63	1	He	0.085747	6.1	2048.820
Zn	66	1	He	0.255908	9.3	1606.763
As	75	1	He	0.010972	24.8	92.000
Se	78	2	H2	0.033073	22.6	55.000
Sr	88	1	He	20.651248	0.9	211184.970
Mo	95	1	He	0.009183	35.5	99.333
Pd	105	1	He	0.001072	198.8	121.667
Ag	107	1	He	0.006211	10.3	286.677
Cd	111	1	He	0.007427	13.9	48.323
Sn	118	1	He	-0.002603		345.010
Sb	121	1	He	0.006610	37.4	233.340
Ba	138	1	He	1.770398	2.6	36342.803
Pt	195	1	He	-0.000790		150.667
Hg	202	1	He	0.017109	13.2	77.333
Tl	205	1	He	-0.051022		300.010
Pb	208	1	He	0.087167	3.3	4353.643
Bi	209	1	He	0.009303	20.7	750.030
Th	232	1	He	0.018149	28.6	926.780
U	238	1	He	0.013208	22.3	573.350

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.93844482	736807.937
Sc	45	2	H2	97.48831394	4754611.333
Ge	72	1	He	90.74747160	433684.457
Ge	72	2	H2	98.91679167	1424284.623
In	115	1	He	95.98787143	3928540.217
Tb	159	1	He	103.6453272	8706189.867
Ir	193	1	He	109.9295241	4406001.600

Sample Name	10638993003_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	098SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:39:33
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.004664	81.1	68.500
Be	9	2	H2	-0.001471		11.333
B	11	2	H2	0.581618	4.8	2045.980
Na	23	1	He	-0.125535		19731.863
Mg	24	1	He	1.970536	6.1	2756.947
Al	27	1	He	2.115751	3.6	2511.887
Si	28	2	H2	-3.784279		61866.037
K	39	1	He	1.484591	11.9	36155.737
Ca	43	1	He	9.580199	5.9	51.270
Ti	47	1	He	0.089278	8.7	40.667
V	51	1	He	0.004047	582.1	62.880
Cr	52	1	He	0.180476	2.8	4315.997
Mn	55	1	He	0.005543	67.5	361.343
Fe	56	1	He	0.752555	16.4	20564.950
Co	59	1	He	-0.000305		202.667
Ni	60	1	He	-0.022167		4843.510
Cu	63	1	He	0.030313	10.7	1130.047
Zn	66	1	He	0.327697	7.1	1782.120
As	75	1	He	-0.004267		63.167
Se	78	2	H2	0.010952	67.6	33.667
Sr	88	1	He	0.022864	25.2	368.343
Mo	95	1	He	0.008243	12.0	92.667
Pd	105	1	He	-0.001299		96.667
Ag	107	1	He	0.003746	63.9	240.003
Cd	111	1	He	0.006325	26.4	44.323
Sn	118	1	He	0.020331	30.2	518.347
Sb	121	1	He	0.011774	48.1	281.673
Ba	138	1	He	0.018303	8.4	620.020
Pt	195	1	He	0.006629	8.1	218.667
Hg	202	1	He	0.017258	8.5	77.333
Tl	205	1	He	-0.053018		240.003
Pb	208	1	He	0.010680	24.2	1203.367
Bi	209	1	He	0.006942	8.2	681.690
Th	232	1	He	0.007751	20.5	543.353
U	238	1	He	0.002808	17.8	181.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.44853580	732558.167
Sc	45	2	H2	97.54001465	4757132.833
Ge	72	1	He	88.93773016	425035.657
Ge	72	2	H2	97.13992397	1398699.833
In	115	1	He	96.04852296	3931022.530
Tb	159	1	He	102.7177881	8628276.747
Ir	193	1	He	111.8818915	4484252.953

Sample Name	10638993004_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	099SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:42:38
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.017396	3.1	96.333
Be	9	2	H2	0.009655	39.5	27.667
B	11	2	H2	0.452514	7.5	1859.453
Na	23	1	He	2.048223	6.5	24390.603
Mg	24	1	He	2.281692	3.0	3132.040
Al	27	1	He	0.667317	8.1	1742.777
Si	28	2	H2	-2.634912		67043.590
K	39	1	He	2.006979	6.4	36738.767
Ca	43	1	He	15.402424	8.3	71.230
Ti	47	1	He	0.082759	23.9	38.000
V	51	1	He	-0.027957		-295.257
Cr	52	1	He	0.318114	1.7	6293.413
Mn	55	1	He	0.026306	1.6	552.010
Fe	56	1	He	2.146158	1.4	37716.073
Co	59	1	He	0.013186	10.4	496.677
Ni	60	1	He	0.025696	69.6	5140.283
Cu	63	1	He	0.053360	3.0	1499.420
Zn	66	1	He	0.024226	55.7	909.363
As	75	1	He	-0.010448		52.333
Se	78	2	H2	0.004606	78.8	28.000
Sr	88	1	He	0.028050	22.8	421.677
Mo	95	1	He	0.006854	36.1	80.667
Pd	105	1	He	-0.002843		78.333
Ag	107	1	He	0.008389	18.0	320.010
Cd	111	1	He	0.015539	27.8	75.657
Sn	118	1	He	0.017887	55.5	486.680
Sb	121	1	He	0.017864	35.6	330.010
Ba	138	1	He	0.027559	22.4	801.700
Pt	195	1	He	0.007207	44.9	222.667
Hg	202	1	He	0.015478	8.6	69.333
Tl	205	1	He	-0.040820		588.353
Pb	208	1	He	0.022469	1.1	1680.060
Bi	209	1	He	0.015676	16.0	975.043
Th	232	1	He	0.017090	2.7	891.707
U	238	1	He	0.008748	6.5	406.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.39525041	732095.937
Sc	45	2	H2	96.53988322	4708355.333
Ge	72	1	He	89.19313232	426256.230
Ge	72	2	H2	97.48906427	1403727.040
In	115	1	He	93.56750911	3829480.923
Tb	159	1	He	102.0255199	8570126.330
Ir	193	1	He	110.6002074	4432882.747

Sample Name	10638993004_B74509Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	100SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:45:44
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.001870		52.667
Be	9	2	H2	-0.005157		5.667
B	11	2	H2	0.144809	26.4	1449.407
Na	23	1	He	-1.122883		17559.073
Mg	24	1	He	1.714017	3.6	2441.893
Al	27	1	He	-0.709875		1012.037
Si	28	2	H2	-3.532312		62746.227
K	39	1	He	1.361944	36.7	35955.133
Ca	43	1	He	2.210537	37.9	25.903
Ti	47	1	He	0.010912	33.9	8.667
V	51	1	He	-0.009567		-88.930
Cr	52	1	He	-0.031444		1294.063
Mn	55	1	He	-0.006869		246.667
Fe	56	1	He	-0.214487		8708.693
Co	59	1	He	-0.001835		168.667
Ni	60	1	He	-0.045815		4679.457
Cu	63	1	He	-0.000790		634.687
Zn	66	1	He	-0.087234		582.677
As	75	1	He	-0.010755		51.333
Se	78	2	H2	0.001163	338.0	24.667
Sr	88	1	He	0.001812	41.3	156.667
Mo	95	1	He	-0.000038		32.667
Pd	105	1	He	-0.001196		95.000
Ag	107	1	He	0.002693	60.8	213.333
Cd	111	1	He	0.003067	82.4	31.667
Sn	118	1	He	-0.001534		343.343
Sb	121	1	He	0.005145	110.7	213.333
Ba	138	1	He	-0.003350		178.333
Pt	195	1	He	-0.000169		151.333
Hg	202	1	He	0.015062	13.8	66.333
Tl	205	1	He	-0.056675		131.667
Pb	208	1	He	0.004561	14.2	921.690
Bi	209	1	He	0.003102	7.4	535.020
Th	232	1	He	0.000966	105.9	275.007
U	238	1	He	-0.000338		58.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.31424543	731393.250
Sc	45	2	H2	95.44143877	4654783.000
Ge	72	1	He	88.47435603	422821.180
Ge	72	2	H2	96.76945391	1393365.503
In	115	1	He	93.37182112	3821471.910
Tb	159	1	He	100.2851146	8423932.583
Ir	193	1	He	109.2676513	4379473.580

Sample Name	10638993002_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	101SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:48:49
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	3.430161	0.7	8160.100
Be	9	2	H2	-0.004022		7.833
B	11	2	H2	16.839991	1.6	24125.530
Na	23	1	He	5303.521399	0.9	11404022.330
Mg	24	1	He	6063.665394	1.6	7335556.973
Al	27	1	He	1.387231	7.8	2121.490
Si	28	2	H2	6581.451050	2.6	29328256.667
K	39	1	He	538.801784	1.2	658689.523
Ca	43	1	He	115427.6958	0.8	395812.810
Ti	47	1	He	0.145825	8.4	63.667
V	51	1	He	0.321646	10.9	3613.113
Cr	52	1	He	0.544329	1.8	9485.193
Mn	55	1	He	13.428468	1.0	122605.140
Fe	56	1	He	3.602976	2.0	55365.827
Co	59	1	He	0.059125	4.6	1489.417
Ni	60	1	He	0.087947	9.4	5488.417
Cu	63	1	He	0.584161	1.5	9885.493
Zn	66	1	He	2.108637	1.7	6909.720
As	75	1	He	0.111417	8.8	268.333
Se	78	2	H2	0.442824	8.6	444.677
Sr	88	1	He	415.871510	2.8	4161266.913
Mo	95	1	He	0.109198	3.2	797.363
Pd	105	1	He	0.005172	37.0	161.667
Ag	107	1	He	0.001162	90.0	186.667
Cd	111	1	He	0.001932	47.5	27.920
Sn	118	1	He	0.002539	183.1	376.677
Sb	121	1	He	0.017880	25.8	333.343
Ba	138	1	He	25.496811	0.8	521313.897
Pt	195	1	He	0.007598	37.3	230.000
Hg	202	1	He	0.016885	12.7	76.667
Tl	205	1	He	-0.053915		216.667
Pb	208	1	He	0.007507	10.6	1030.017
Bi	209	1	He	0.002209	58.2	498.343
Th	232	1	He	0.001994	93.7	310.007
U	238	1	He	0.185524	2.8	6995.337

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.29549070	731230.560
Sc	45	2	H2	102.0231350	4975779.500
Ge	72	1	He	88.86418867	424684.200
Ge	72	2	H2	100.5587876	1447927.420
In	115	1	He	94.30706628	3859749.123
Tb	159	1	He	103.8763916	8725599.243
Ir	193	1	He	107.8796777	4323843.267

Sample Name	10638993002_B74510Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	102SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:51:51
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.168204	12.0	441.677
Be	9	2	H2	-0.006715		3.500
B	11	2	H2	1.042530	3.7	2666.247
Na	23	1	He	269.182817	2.4	605572.937
Mg	24	1	He	308.377398	0.7	378299.880
Al	27	1	He	-0.844447		953.030
Si	28	2	H2	326.409960	4.5	1501602.460
K	39	1	He	26.538689	2.6	65974.623
Ca	43	1	He	5725.925717	1.7	19909.593
Ti	47	1	He	0.004222	174.5	6.000
V	51	1	He	0.003608	599.3	60.303
Cr	52	1	He	-0.022845		1460.080
Mn	55	1	He	0.664141	0.9	6529.523
Fe	56	1	He	-0.236235		8708.697
Co	59	1	He	-0.000601		201.333
Ni	60	1	He	-0.084731		4590.760
Cu	63	1	He	0.024190	10.3	1060.043
Zn	66	1	He	-0.048752		714.687
As	75	1	He	-0.005061		63.333
Se	78	2	H2	0.019284	39.7	42.000
Sr	88	1	He	20.076718	1.1	206445.717
Mo	95	1	He	0.003402	36.4	58.000
Pd	105	1	He	-0.003489		73.333
Ag	107	1	He	-0.000142		165.000
Cd	111	1	He	-0.000762		18.660
Sn	118	1	He	-0.010660		283.340
Sb	121	1	He	0.002413	95.0	193.333
Ba	138	1	He	1.292772	0.6	26753.357
Pt	195	1	He	-0.002173		138.667
Hg	202	1	He	0.011026	12.4	51.667
Tl	205	1	He	-0.057927		100.000
Pb	208	1	He	0.003457	78.1	883.353
Bi	209	1	He	0.001348	93.4	480.013
Th	232	1	He	0.000066	721.2	243.337
U	238	1	He	0.008263	10.0	386.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.40283416	740836.333
Sc	45	2	H2	98.44114276	4801081.833
Ge	72	1	He	91.24503262	436062.313
Ge	72	2	H2	98.68345396	1420924.837
In	115	1	He	95.75316465	3918934.263
Tb	159	1	He	104.1930689	8752200.077
Ir	193	1	He	110.2625929	4419351.080

Sample Name	10638993003_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	103SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:54:55
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.009237	33.2	78.000
Be	9	2	H2	-0.004984		6.000
B	11	2	H2	0.232076	9.7	1576.590
Na	23	1	He	9.210484	1.0	40252.577
Mg	24	1	He	2.402194	6.6	3317.080
Al	27	1	He	19.447965	1.1	11832.510
Si	28	2	H2	9.636381	11.0	117949.417
K	39	1	He	3.234751	4.3	38613.727
Ca	43	1	He	18.078428	5.5	81.353
Ti	47	1	He	0.082519	9.5	38.333
V	51	1	He	-0.019685		-204.877
Cr	52	1	He	0.492274	1.7	8822.090
Mn	55	1	He	0.031957	16.9	606.683
Fe	56	1	He	3.564369	0.6	55375.127
Co	59	1	He	-0.001141		186.000
Ni	60	1	He	-0.005570		4979.563
Cu	63	1	He	0.251806	1.8	4671.453
Zn	66	1	He	1.926190	2.8	6440.157
As	75	1	He	-0.011333		51.000
Se	78	2	H2	0.002965	118.5	26.000
Sr	88	1	He	0.020280	14.0	345.010
Mo	95	1	He	0.012973	32.7	124.000
Pd	105	1	He	-0.002438		83.333
Ag	107	1	He	0.002379	7.7	210.000
Cd	111	1	He	0.000438	60.0	22.653
Sn	118	1	He	0.013636	43.7	460.010
Sb	121	1	He	0.013905	9.0	296.677
Ba	138	1	He	0.029827	8.2	861.707
Pt	195	1	He	0.009282	26.9	246.000
Hg	202	1	He	0.012466	7.7	57.667
Tl	205	1	He	-0.055217		178.333
Pb	208	1	He	0.007204	45.6	1053.353
Bi	209	1	He	0.003993	28.2	576.687
Th	232	1	He	0.001101	150.1	285.007
U	238	1	He	-0.000201		65.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.39012004	740726.043
Sc	45	2	H2	96.47780068	4705327.500
Ge	72	1	He	89.63125304	428350.020
Ge	72	2	H2	95.91640341	1381082.587
In	115	1	He	94.41694344	3864246.117
Tb	159	1	He	103.7803895	8717535.080
Ir	193	1	He	111.5229657	4469867.120

Sample Name	10638993004_B74510Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	104SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 18:58:01
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.008374	47.6	76.000
Be	9	2	H2	-0.004724		6.333
B	11	2	H2	0.158233	6.9	1478.243
Na	23	1	He	6.905445	4.2	34832.027
Mg	24	1	He	4.380571	2.4	5674.490
Al	27	1	He	1.080420	5.4	1961.807
Si	28	2	H2	11.940090	8.2	129649.653
K	39	1	He	3.931622	3.3	38974.557
Ca	43	1	He	143.671670	4.3	511.613
Ti	47	1	He	0.088484	18.2	40.333
V	51	1	He	-0.037600		-406.750
Cr	52	1	He	0.488872	1.0	8800.080
Mn	55	1	He	0.042321	13.4	704.020
Fe	56	1	He	5.022929	21.2	73567.423
Co	59	1	He	0.001389	77.7	242.000
Ni	60	1	He	0.651350	2.1	8910.823
Cu	63	1	He	0.124893	3.0	2655.593
Zn	66	1	He	18.323886	0.3	54249.450
As	75	1	He	-0.010203		53.167
Se	78	2	H2	0.002845	125.5	26.333
Sr	88	1	He	0.070041	10.5	850.033
Mo	95	1	He	0.007352	34.8	86.000
Pd	105	1	He	-0.002678		81.667
Ag	107	1	He	0.000583	109.5	178.333
Cd	111	1	He	0.002501	76.6	30.323
Sn	118	1	He	0.005626	46.2	405.010
Sb	121	1	He	0.027114	16.0	423.343
Ba	138	1	He	0.029024	7.8	843.370
Pt	195	1	He	0.010538	29.0	257.333
Hg	202	1	He	0.014536	1.7	66.333
Tl	205	1	He	-0.052401		260.007
Pb	208	1	He	0.013533	4.8	1328.373
Bi	209	1	He	0.004495	24.6	598.353
Th	232	1	He	0.000932	71.9	281.673
U	238	1	He	0.001160	34.6	118.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.40065161	732142.790
Sc	45	2	H2	96.21523734	4692522.000
Ge	72	1	He	89.90861574	429675.543
Ge	72	2	H2	97.36358821	1401920.333
In	115	1	He	95.53147554	3909861.090
Tb	159	1	He	103.5198681	8695651.330
Ir	193	1	He	112.3496667	4503001.493

Sample Name	10638993004_B74510Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	105SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:01:06
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.007061		40.667
Be	9	2	H2	-0.006149		4.167
B	11	2	H2	-0.095569		1131.710
Na	23	1	He	-0.800319		18034.670
Mg	24	1	He	1.483048	5.0	2136.843
Al	27	1	He	-0.902316		899.363
Si	28	2	H2	-3.005817		64349.710
K	39	1	He	2.076553	13.1	36347.883
Ca	43	1	He	9.762537	20.7	51.190
Ti	47	1	He	0.004549	54.1	6.000
V	51	1	He	-0.009226		-83.733
Cr	52	1	He	-0.022867		1410.073
Mn	55	1	He	-0.008835		228.000
Fe	56	1	He	-0.100547		10055.590
Co	59	1	He	-0.003322		136.000
Ni	60	1	He	-0.005858		4894.863
Cu	63	1	He	0.019223	8.6	946.037
Zn	66	1	He	0.910894	1.1	3432.430
As	75	1	He	-0.013303		46.667
Se	78	2	H2	-0.003220		20.333
Sr	88	1	He	0.007574	18.4	213.333
Mo	95	1	He	-0.001826		20.667
Pd	105	1	He	-0.001829		90.000
Ag	107	1	He	0.000910	160.6	183.333
Cd	111	1	He	0.000133	1373.3	21.667
Sn	118	1	He	-0.010306		283.340
Sb	121	1	He	0.009981	42.0	261.670
Ba	138	1	He	-0.003431		178.333
Pt	195	1	He	0.000366	282.4	158.000
Hg	202	1	He	0.010865	23.7	49.667
Tl	205	1	He	-0.057822		100.000
Pb	208	1	He	0.000976	237.9	778.350
Bi	209	1	He	0.001792	32.0	493.343
Th	232	1	He	-0.000755		211.670
U	238	1	He	-0.001223		25.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.31346084	722711.833
Sc	45	2	H2	94.29761907	4598997.667
Ge	72	1	He	88.14177356	421231.760
Ge	72	2	H2	95.91234891	1381024.207
In	115	1	He	94.86788643	3882702.070
Tb	159	1	He	101.2689410	8506573.830
Ir	193	1	He	109.9224185	4405716.807

Sample Name	FB
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	106SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:04:11
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.003655		48.667
Be	9	2	H2	0.018106	6.7	39.667
B	11	2	H2	0.032143	82.2	1304.560
Na	23	1	He	5.545203	3.6	31913.603
Mg	24	1	He	3.706925	3.8	4859.203
Al	27	1	He	1.307596	14.3	2082.153
Si	28	2	H2	11.914800	0.9	129059.137
K	39	1	He	3.529022	15.6	38510.153
Ca	43	1	He	120.017681	4.9	430.393
Ti	47	1	He	0.087724	15.4	40.000
V	51	1	He	-0.020297		-207.663
Cr	52	1	He	0.129935	8.0	3601.800
Mn	55	1	He	0.038025	11.5	658.020
Fe	56	1	He	3.966127	0.9	59932.273
Co	59	1	He	-0.001206		183.333
Ni	60	1	He	-0.011292		4912.867
Cu	63	1	He	1.405682	1.8	22923.980
Zn	66	1	He	16.622981	0.3	48822.377
As	75	1	He	-0.014218		45.500
Se	78	2	H2	-0.003270		20.667
Sr	88	1	He	0.050368	13.6	645.023
Mo	95	1	He	0.001473	154.8	44.000
Pd	105	1	He	-0.001505		93.333
Ag	107	1	He	0.001351	115.2	191.667
Cd	111	1	He	-0.000717		18.663
Sn	118	1	He	0.002172	81.3	376.677
Sb	121	1	He	0.022902	4.1	381.677
Ba	138	1	He	0.021203	8.1	683.357
Pt	195	1	He	0.009004	24.8	242.667
Hg	202	1	He	0.012987	9.5	59.667
Tl	205	1	He	-0.057891		100.000
Pb	208	1	He	0.002376	24.4	845.017
Bi	209	1	He	0.002373	32.7	518.350
Th	232	1	He	-0.002548		145.000
U	238	1	He	-0.000796		41.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.41216529	732242.667
Sc	45	2	H2	95.30637241	4648195.667
Ge	72	1	He	89.05268805	425585.043
Ge	72	2	H2	96.96924442	1396242.250
In	115	1	He	94.95944247	3886449.227
Tb	159	1	He	103.4726582	8691685.703
Ir	193	1	He	111.0179630	4449626.493

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	107_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:07:17
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	86.507161	0.5	194222.380
Be	9	2	H2	86.028774	1.0	127902.573
B	11	2	H2	82.374883	0.7	107171.267
Na	23	1	He	2119.080868	2.2	4577123.473
Mg	24	1	He	2111.281107	1.7	2559094.233
Al	27	1	He	2095.677512	0.9	1112684.790
Si	28	2	H2	1040.069793	1.7	4621703.167
K	39	1	He	2007.908072	1.3	2365661.217
Ca	43	1	He	2014.225131	1.2	6938.617
Ti	47	1	He	82.177143	1.4	33555.023
V	51	1	He	87.928113	1.0	991583.907
Cr	52	1	He	87.916616	1.2	1262621.000
Mn	55	1	He	82.541448	0.8	758513.767
Fe	56	1	He	1040.712706	2.1	12830151.333
Co	59	1	He	87.604641	1.9	1913881.627
Ni	60	1	He	84.556159	1.5	507384.760
Cu	63	1	He	87.904482	2.9	1402281.670
Zn	66	1	He	82.782184	0.6	241348.760
As	75	1	He	82.329713	0.3	147364.923
Se	78	2	H2	82.369695	1.3	76916.927
Sr	88	1	He	84.209325	0.5	850129.700
Mo	95	1	He	80.053740	1.7	561067.750
Pd	105	1	He	84.818858	2.0	877843.140
Ag	107	1	He	48.840170	0.9	918278.997
Cd	111	1	He	82.611347	0.7	293799.330
Sn	118	1	He	82.472700	1.0	612283.977
Sb	121	1	He	82.672371	1.5	762112.960
Ba	138	1	He	83.464788	0.7	1702745.390
Pt	195	1	He	85.098979	1.1	801802.310
Hg	202	1	He	4.127927	1.1	17590.273
Tl	205	1	He	45.293762	1.7	1322492.950
Pb	208	1	He	85.400666	1.8	3532637.470
Bi	209	1	He	86.045370	2.6	2934918.187
Th	232	1	He	90.211831	0.3	3404038.700
U	238	1	He	88.470019	1.6	3355544.220

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.45585102	732621.623
Sc	45	2	H2	96.97057211	4729360.500
Ge	72	1	He	89.63037699	428345.833
Ge	72	2	H2	98.79754876	1422567.667
In	115	1	He	94.44725014	3865486.493
Tb	159	1	He	103.6792583	8709040.077
Ir	193	1	He	109.6493128	4394770.667

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	108_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:10:06
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.012385	7.6	83.667
Be	9	2	H2	0.009339	35.6	26.667
B	11	2	H2	0.336776	10.4	1682.933
Na	23	1	He	-0.898334		17957.880
Mg	24	1	He	0.260275	10.2	680.020
Al	27	1	He	0.385394	15.9	1584.757
Si	28	2	H2	-2.320531		66640.600
K	39	1	He	1.409709	22.3	35844.900
Ca	43	1	He	0.468870	348.9	19.847
Ti	47	1	He	0.011804	53.9	9.000
V	51	1	He	0.006399	116.0	89.237
Cr	52	1	He	-0.023795		1398.073
Mn	55	1	He	0.010827	20.7	406.010
Fe	56	1	He	0.005442	245.8	11347.897
Co	59	1	He	0.010032	15.4	423.343
Ni	60	1	He	-0.050352		4638.777
Cu	63	1	He	0.010290	20.2	806.693
Zn	66	1	He	-0.027414		752.020
As	75	1	He	0.007035	37.3	82.500
Se	78	2	H2	0.023244	22.4	44.000
Sr	88	1	He	0.007733	6.5	215.000
Mo	95	1	He	0.017967	5.7	159.333
Pd	105	1	He	0.011592	18.5	228.333
Ag	107	1	He	0.032093	36.4	766.693
Cd	111	1	He	0.013523	20.3	69.313
Sn	118	1	He	0.011485	69.5	443.343
Sb	121	1	He	0.013203	23.6	290.010
Ba	138	1	He	0.009306	13.0	433.343
Pt	195	1	He	0.010577	10.4	252.667
Hg	202	1	He	0.034972	16.5	150.333
Tl	205	1	He	-0.033297		800.033
Pb	208	1	He	0.013217	22.5	1286.703
Bi	209	1	He	0.010278	14.0	783.363
Th	232	1	He	0.041986	20.0	1830.153
U	238	1	He	0.008863	5.5	408.343

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.92707647	728034.710
Sc	45	2	H2	94.89273939	4628022.333
Ge	72	1	He	88.20455066	421531.773
Ge	72	2	H2	95.13473008	1369827.417
In	115	1	He	94.46536064	3866227.710
Tb	159	1	He	101.5978479	8534201.953
Ir	193	1	He	109.9138914	4405375.040

Sample Name	4551433_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	109SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:13:11
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.002393	39.6	62.667
Be	9	2	H2	-0.001570		11.000
B	11	2	H2	0.175155	15.8	1500.580
Na	23	1	He	0.036250	323.1	20069.023
Mg	24	1	He	2.061360	7.5	2865.317
Al	27	1	He	0.779517	11.0	1802.447
Si	28	2	H2	-5.268023		54685.157
K	39	1	He	1.912987	28.6	36633.550
Ca	43	1	He	27.520647	5.9	112.840
Ti	47	1	He	0.094160	14.1	42.667
V	51	1	He	-0.024496		-256.247
Cr	52	1	He	0.153337	6.3	3940.563
Mn	55	1	He	0.038442	2.3	662.687
Fe	56	1	He	4.251660	0.8	63505.683
Co	59	1	He	0.004819	30.8	314.670
Ni	60	1	He	-0.039245		4754.817
Cu	63	1	He	0.071804	5.8	1791.453
Zn	66	1	He	0.082872	14.3	1078.710
As	75	1	He	-0.006669		59.000
Se	78	2	H2	0.003348	125.7	26.333
Sr	88	1	He	0.029600	20.3	436.677
Mo	95	1	He	0.010479	13.5	107.333
Pd	105	1	He	0.002824	20.1	138.333
Ag	107	1	He	0.009654	56.8	348.340
Cd	111	1	He	0.006834	37.1	45.657
Sn	118	1	He	0.014278	4.8	466.677
Sb	121	1	He	0.031236	20.2	458.347
Ba	138	1	He	0.034696	7.3	951.710
Pt	195	1	He	0.006538	31.0	218.000
Hg	202	1	He	0.020327	12.4	90.333
Tl	205	1	He	-0.049610		338.343
Pb	208	1	He	0.012114	22.8	1265.037
Bi	209	1	He	0.007481	22.7	701.690
Th	232	1	He	0.013338	32.8	758.363
U	238	1	He	0.004592	33.6	250.003

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.40882220	732213.667
Sc	45	2	H2	96.27221782	4695301.000
Ge	72	1	He	89.16040249	426099.813
Ge	72	2	H2	95.73009457	1378399.960
In	115	1	He	94.89058871	3883631.217
Tb	159	1	He	102.7465878	8630695.913
Ir	193	1	He	111.9981271	4488911.703

Sample Name	4551434_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	110SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:16:16
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	106.936559	1.7	240713.917
Be	9	2	H2	106.743011	2.1	159117.597
B	11	2	H2	101.288334	2.4	131823.170
Na	23	1	He	2216.653108	1.1	4763630.863
Mg	24	1	He	2172.825253	2.3	2620684.857
Al	27	1	He	2152.422190	3.5	1137363.500
Si	28	2	H2	554.858407	0.7	2457107.083
K	39	1	He	2062.606740	1.5	2417044.447
Ca	43	1	He	2109.152638	1.2	7228.820
Ti	47	1	He	100.470229	1.8	40820.860
V	51	1	He	107.365211	3.1	1218349.020
Cr	52	1	He	105.813127	1.1	1528756.000
Mn	55	1	He	99.488561	0.7	919955.667
Fe	56	1	He	2105.088859	0.4	26106115.333
Co	59	1	He	108.975759	1.4	2395968.750
Ni	60	1	He	104.443518	0.5	629519.147
Cu	63	1	He	105.892488	0.7	1700008.747
Zn	66	1	He	99.778645	0.3	292558.603
As	75	1	He	100.467710	0.3	180943.413
Se	78	2	H2	104.321477	2.0	95616.770
Sr	88	1	He	105.280849	2.1	1069509.283
Mo	95	1	He	100.034624	1.0	700137.627
Pd	105	1	He	21.301429	0.8	220256.457
Ag	107	1	He	62.426036	1.7	1172065.010
Cd	111	1	He	101.205587	0.6	359428.740
Sn	118	1	He	99.971335	0.5	741102.020
Sb	121	1	He	102.526099	0.9	943831.157
Ba	138	1	He	100.733062	0.6	2046208.723
Pt	195	1	He	21.357152	1.7	200493.823
Hg	202	1	He	0.022290	11.1	99.000
Tl	205	1	He	114.231338	0.0	3318891.097
Pb	208	1	He	103.558184	2.7	4351978.163
Bi	209	1	He	102.545024	2.6	3553652.967
Th	232	1	He	110.475628	1.9	4234530.667
U	238	1	He	107.877236	0.8	4157200.250

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.04241728	729035.247
Sc	45	2	H2	97.25054672	4743015.167
Ge	72	1	He	90.19129403	431026.470
Ge	72	2	H2	96.98315784	1396442.587
In	115	1	He	94.31504430	3860075.643
Tb	159	1	He	103.2337019	8671613.413
Ir	193	1	He	111.4007655	4464969.310

Sample Name	10638993001_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	111SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:19:03
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	5.328435	0.7	12368.543
Be	9	2	H2	0.123792	7.3	203.333
B	11	2	H2	20.319027	0.7	28207.637
Na	23	1	He	5460.356017	1.1	11669668.993
Mg	24	1	He	6436.066394	1.3	7738702.387
Al	27	1	He	2159.931083	7.0	1137467.917
Si	28	2	H2	10629.52837	5.4	45561622.667
K	39	1	He	934.739573	2.4	1110738.787
Ca	43	1	He	118521.2873	1.0	403965.707
Ti	47	1	He	43.903966	3.6	17788.050
V	51	1	He	2.903899	5.0	32176.853
Cr	52	1	He	2.459129	0.7	36371.247
Mn	55	1	He	96.133507	0.2	867699.603
Fe	56	1	He	2283.326966	0.8	27639600.000
Co	59	1	He	1.360784	1.7	29405.233
Ni	60	1	He	2.191175	2.4	17710.457
Cu	63	1	He	3.050600	0.8	48428.903
Zn	66	1	He	12.835803	0.6	37457.763
As	75	1	He	0.565408	2.4	1063.707
Se	78	2	H2	0.595026	1.5	567.677
Sr	88	1	He	420.746460	0.9	4171505.040
Mo	95	1	He	0.170026	0.8	1204.723
Pd	105	1	He	0.012440	24.4	233.337
Ag	107	1	He	0.036146	17.6	830.033
Cd	111	1	He	0.049805	3.9	194.880
Sn	118	1	He	0.098360	5.9	1070.053
Sb	121	1	He	0.074189	11.1	838.367
Ba	138	1	He	42.941551	1.5	859271.757
Pt	195	1	He	0.006686	86.5	216.667
Hg	202	1	He	0.023507	6.6	102.667
Tl	205	1	He	0.038765	4.0	2862.013
Pb	208	1	He	2.876742	1.4	116193.500
Bi	209	1	He	0.033877	2.6	1540.107
Th	232	1	He	0.260946	12.9	9778.457
U	238	1	He	0.283347	2.5	10499.520

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.78496365	726801.937
Sc	45	2	H2	99.80461785	4867580.000
Ge	72	1	He	88.03683794	420730.270
Ge	72	2	H2	96.77654339	1393467.583
In	115	1	He	92.87618834	3801186.917
Tb	159	1	He	101.6674165	8540045.707
Ir	193	1	He	106.4206565	4265365.350

Sample Name	4551931_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	112SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:21:59
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	89.755025	3.6	211265.287
Be	9	2	H2	85.311684	3.8	132984.117
B	11	2	H2	100.352180	3.5	136603.720
Na	23	1	He	7659.325478	1.8	16569961.420
Mg	24	1	He	8443.377170	1.4	10281679.847
Al	27	1	He	4145.414309	1.1	2209890.750
Si	28	2	H2	11229.93734	6.0	49059325.333
K	39	1	He	2895.563857	1.1	3412064.847
Ca	43	1	He	118225.9517	0.4	408110.030
Ti	47	1	He	125.434376	5.9	51451.083
V	51	1	He	91.765316	2.1	1014063.373
Cr	52	1	He	87.555572	2.7	1232186.580
Mn	55	1	He	183.425490	1.6	1651542.750
Fe	56	1	He	3339.778565	0.5	40329172.000
Co	59	1	He	88.139618	2.5	1887266.457
Ni	60	1	He	84.102904	0.3	494634.167
Cu	63	1	He	87.725847	1.6	1371677.623
Zn	66	1	He	90.717897	1.2	259115.160
As	75	1	He	83.318873	0.4	146149.983
Se	78	2	H2	81.669454	1.5	76214.067
Sr	88	1	He	501.339762	0.9	4959289.300
Mo	95	1	He	81.560580	1.0	559700.210
Pd	105	1	He	81.451542	1.4	825393.033
Ag	107	1	He	3.570645	1.0	65888.250
Cd	111	1	He	79.666617	1.6	277397.167
Sn	118	1	He	82.979828	0.2	603237.023
Sb	121	1	He	81.802612	0.9	738371.943
Ba	138	1	He	124.162164	2.4	2491780.640
Pt	195	1	He	83.435821	1.5	773470.063
Hg	202	1	He	0.021540	22.6	94.667
Tl	205	1	He	44.220493	1.0	1270518.290
Pb	208	1	He	86.562795	1.9	3476356.610
Bi	209	1	He	81.532657	3.1	2700015.583
Th	232	1	He	113.015232	0.6	4139427.547
U	238	1	He	89.921792	1.2	3311064.017

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.85564572	736089.687
Sc	45	2	H2	101.7723580	4963548.833
Ge	72	1	He	87.83478139	419764.637
Ge	72	2	H2	98.74179464	1421764.873
In	115	1	He	92.48451475	3785156.710
Tb	159	1	He	102.0078958	8568645.913
Ir	193	1	He	106.4362867	4265991.810

Sample Name	4551932_B74509Dx5
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	113SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:24:46
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	1.087664	3.4	2549.723
Be	9	2	H2	0.025983	3.0	53.167
B	11	2	H2	5.023973	1.4	7906.807
Na	23	1	He	1131.652261	0.3	2436753.507
Mg	24	1	He	1341.121884	1.3	1614501.120
Al	27	1	He	431.939285	1.1	228837.110
Si	28	2	H2	2018.260284	5.0	8956588.667
K	39	1	He	193.469368	6.0	257278.513
Ca	43	1	He	23928.92573	0.5	81658.520
Ti	47	1	He	7.167598	14.1	2909.390
V	51	1	He	0.566844	6.5	6442.380
Cr	52	1	He	0.455992	3.0	8342.483
Mn	55	1	He	19.269261	1.0	178211.207
Fe	56	1	He	462.447493	2.5	5736877.500
Co	59	1	He	0.280933	1.6	6380.120
Ni	60	1	He	0.383366	7.8	7327.250
Cu	63	1	He	0.628086	0.6	10725.427
Zn	66	1	He	2.588509	2.6	8405.867
As	75	1	He	0.102480	10.0	255.833
Se	78	2	H2	0.140008	10.8	156.000
Sr	88	1	He	84.361379	1.1	855927.620
Mo	95	1	He	0.054641	13.4	410.010
Pd	105	1	He	0.014203	27.3	251.670
Ag	107	1	He	0.019924	22.1	531.683
Cd	111	1	He	0.019269	11.1	88.290
Sn	118	1	He	0.031057	20.7	580.020
Sb	121	1	He	0.027257	6.4	413.343
Ba	138	1	He	8.497546	3.1	174746.817
Pt	195	1	He	0.008009	3.7	235.333
Hg	202	1	He	0.014556	2.4	67.000
Tl	205	1	He	-0.024798		1070.057
Pb	208	1	He	0.588539	2.5	25298.460
Bi	209	1	He	0.013929	23.1	915.040
Th	232	1	He	0.219116	126.6	8714.880
U	238	1	He	0.063644	4.5	2508.610

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.86965794	727536.627
Sc	45	2	H2	98.99265459	4827979.667
Ge	72	1	He	90.07854858	430487.657
Ge	72	2	H2	99.34683585	1430476.750
In	115	1	He	93.01531936	3806881.197
Tb	159	1	He	104.4092697	8770360.913
Ir	193	1	He	110.6362990	4434329.310

Sample Name	4551435_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	114SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:27:47
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	108.894403	0.3	253443.473
Be	9	2	H2	103.478811	0.4	159501.957
B	11	2	H2	118.698314	1.7	159494.947
Na	23	1	He	7650.137268	1.0	16371463.923
Mg	24	1	He	8563.213065	0.8	10315219.637
Al	27	1	He	4864.991783	0.4	2565269.917
Si	28	2	H2	11981.99985	4.3	51499716.000
K	39	1	He	3001.369616	0.9	3497410.363
Ca	43	1	He	121633.2688	0.6	415329.127
Ti	47	1	He	138.679375	2.6	56277.553
V	51	1	He	110.558074	1.6	1226315.693
Cr	52	1	He	106.277685	1.2	1500933.997
Mn	55	1	He	197.626848	1.0	1786057.083
Fe	56	1	He	4448.495796	1.6	53913786.667
Co	59	1	He	106.631091	1.1	2291874.917
Ni	60	1	He	101.722202	1.0	599472.337
Cu	63	1	He	104.925535	0.9	1646637.127
Zn	66	1	He	107.918069	0.8	309249.023
As	75	1	He	91.637287	0.5	161342.837
Se	78	2	H2	91.264411	0.4	83780.760
Sr	88	1	He	526.945007	0.7	5232606.800
Mo	95	1	He	93.487784	0.7	637068.143
Pd	105	1	He	19.088588	1.6	192175.880
Ag	107	1	He	58.028105	0.2	1060764.047
Cd	111	1	He	97.682363	0.3	337763.083
Sn	118	1	He	89.740272	0.4	647734.250
Sb	121	1	He	88.908767	1.3	796884.417
Ba	138	1	He	143.901982	1.4	2906495.477
Pt	195	1	He	20.185128	0.2	188444.510
Hg	202	1	He	0.022647	8.2	100.000
Tl	205	1	He	110.208377	0.2	3184034.640
Pb	208	1	He	105.955247	3.2	4245547.697
Bi	209	1	He	100.558723	3.1	3322821.823
Th	232	1	He	97.999587	3.5	3581503.487
U	238	1	He	108.999465	2.0	4004917.443

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.93734821	728123.813
Sc	45	2	H2	100.5314623	4903029.000
Ge	72	1	He	88.16864864	421360.197
Ge	72	2	H2	97.12900849	1398542.663
In	115	1	He	91.82666425	3758232.557
Tb	159	1	He	102.6524259	8622786.330
Ir	193	1	He	106.2299663	4257722.440

Sample Name	4551436_B74509Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	115SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:30:33
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	107.139055	1.9	250341.427
Be	9	2	H2	101.468646	2.1	157021.570
B	11	2	H2	118.073139	2.4	159301.673
Na	23	1	He	7194.284390	1.1	15484364.770
Mg	24	1	He	8174.966310	2.2	9902449.227
Al	27	1	He	4870.075434	1.2	2582444.750
Si	28	2	H2	11836.37914	3.7	50884469.333
K	39	1	He	2910.905304	1.0	3412168.177
Ca	43	1	He	114209.0029	0.8	392192.490
Ti	47	1	He	135.854704	2.4	55440.710
V	51	1	He	107.845963	1.5	1196359.540
Cr	52	1	He	106.070560	1.7	1498099.457
Mn	55	1	He	195.998067	0.3	1771456.333
Fe	56	1	He	4407.073093	1.3	53416637.333
Co	59	1	He	106.048980	2.1	2279276.500
Ni	60	1	He	100.109645	0.5	590086.540
Cu	63	1	He	102.819352	0.9	1613657.460
Zn	66	1	He	106.072096	0.4	303991.043
As	75	1	He	98.430805	0.4	173304.727
Se	78	2	H2	98.209210	1.3	90132.873
Sr	88	1	He	496.426848	1.3	4929331.073
Mo	95	1	He	96.728009	1.8	669451.687
Pd	105	1	He	19.131320	1.6	195619.830
Ag	107	1	He	57.617163	1.3	1069784.283
Cd	111	1	He	95.384442	1.3	334983.937
Sn	118	1	He	96.200006	0.7	705234.757
Sb	121	1	He	94.556797	1.2	860791.967
Ba	138	1	He	141.146648	0.7	2802690.687
Pt	195	1	He	20.512274	0.3	188259.403
Hg	202	1	He	0.021711	15.8	94.333
Tl	205	1	He	111.205034	0.9	3158327.663
Pb	208	1	He	103.706099	0.6	4183680.823
Bi	209	1	He	99.711089	1.9	3317255.787
Th	232	1	He	100.422188	1.8	3694807.237
U	238	1	He	109.407107	1.0	4046783.167

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.41556103	732272.123
Sc	45	2	H2	100.9619769	4924025.667
Ge	72	1	He	88.17088271	421370.873
Ge	72	2	H2	97.10361312	1398177.000
In	115	1	He	93.27168551	3817373.613
Tb	159	1	He	100.9176779	8477067.793
Ir	193	1	He	106.9208278	4285412.333

Sample Name	10638993001_B74509Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	116SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:33:19
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.292396	6.1	711.853
Be	9	2	H2	0.012715	9.6	32.333
B	11	2	H2	3.163777	0.7	5345.480
Na	23	1	He	285.394437	1.7	631776.723
Mg	24	1	He	341.681788	1.5	413168.613
Al	27	1	He	114.903899	2.6	62129.317
Si	28	2	H2	595.388435	31.7	2685616.583
K	39	1	He	47.247403	3.8	89010.703
Ca	43	1	He	6082.476914	0.7	20849.477
Ti	47	1	He	3.726192	57.1	1523.543
V	51	1	He	0.160398	24.1	1831.627
Cr	52	1	He	0.086070	1.0	3002.993
Mn	55	1	He	4.868560	0.8	45137.600
Fe	56	1	He	121.542753	3.3	1512066.083
Co	59	1	He	0.079421	9.0	1950.140
Ni	60	1	He	0.044244	39.9	5287.670
Cu	63	1	He	0.168629	3.8	3352.410
Zn	66	1	He	0.558847	3.0	2472.890
As	75	1	He	0.028850	24.6	123.167
Se	78	2	H2	0.082894	8.9	101.667
Sr	88	1	He	21.238870	1.1	215009.490
Mo	95	1	He	0.038314	22.2	300.003
Pd	105	1	He	0.003953	104.2	148.333
Ag	107	1	He	0.032514	5.7	773.363
Cd	111	1	He	0.021036	27.6	95.300
Sn	118	1	He	0.031106	38.4	586.683
Sb	121	1	He	0.021472	10.3	365.010
Ba	138	1	He	2.169865	1.6	44454.197
Pt	195	1	He	0.003821	24.1	194.000
Hg	202	1	He	0.011087	3.3	51.667
Tl	205	1	He	0.003635	241.7	1891.827
Pb	208	1	He	0.165596	3.5	7622.610
Bi	209	1	He	0.018256	24.0	1060.057
Th	232	1	He	0.065912	28.9	2745.413
U	238	1	He	0.027392	5.2	1115.060

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.19253468	730337.457
Sc	45	2	H2	96.82073608	4722052.833
Ge	72	1	He	89.83281506	429313.290
Ge	72	2	H2	99.03432171	1425976.917
In	115	1	He	94.04242622	3848918.077
Tb	159	1	He	103.5378841	8697164.663
Ir	193	1	He	110.1733579	4415774.520

Sample Name	4551931_B74509Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	117SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:36:21
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	88.781383	2.6	199893.940
Be	9	2	H2	87.257142	2.8	130106.480
B	11	2	H2	86.457022	2.8	112747.583
Na	23	1	He	2492.831749	1.3	5331040.133
Mg	24	1	He	2525.642471	0.4	3032965.267
Al	27	1	He	2305.212596	2.5	1212476.790
Si	28	2	H2	1550.302435	0.8	6862296.500
K	39	1	He	2100.479515	0.7	2450170.747
Ca	43	1	He	8124.836889	0.2	27672.570
Ti	47	1	He	86.355380	1.5	34933.263
V	51	1	He	87.639437	1.0	977519.530
Cr	52	1	He	87.462188	1.2	1242335.127
Mn	55	1	He	87.388182	0.7	794307.897
Fe	56	1	He	1190.692645	1.5	14518752.667
Co	59	1	He	89.677586	1.3	1937992.873
Ni	60	1	He	85.922832	1.6	509916.447
Cu	63	1	He	90.370166	0.5	1426137.543
Zn	66	1	He	84.210820	0.9	242826.177
As	75	1	He	83.702759	0.9	148187.930
Se	78	2	H2	83.365199	1.5	77971.297
Sr	88	1	He	105.925144	1.6	1057731.367
Mo	95	1	He	82.978961	0.8	574267.917
Pd	105	1	He	86.531683	0.0	884391.863
Ag	107	1	He	4.206226	2.0	78239.340
Cd	111	1	He	83.731745	1.7	294021.460
Sn	118	1	He	84.380999	1.5	618526.777
Sb	121	1	He	83.940229	1.1	764065.980
Ba	138	1	He	84.680039	0.5	1727366.430
Pt	195	1	He	87.316600	1.8	822558.897
Hg	202	1	He	0.010690	16.2	50.000
Tl	205	1	He	45.449788	2.9	1326781.103
Pb	208	1	He	85.247828	0.9	3584570.447
Bi	209	1	He	83.566910	3.0	2897662.353
Th	232	1	He	111.622476	0.6	4280618.690
U	238	1	He	88.989373	1.5	3430787.343

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.67205753	725822.520
Sc	45	2	H2	97.30734949	4745785.500
Ge	72	1	He	88.65329280	423676.323
Ge	72	2	H2	98.95733644	1424868.420
In	115	1	He	93.26033592	3816909.103
Tb	159	1	He	103.6642657	8707780.703
Ir	193	1	He	111.4411169	4466586.600

Sample Name	4551932_B74509Dx100
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	118SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:39:09
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.074505	13.3	226.833
Be	9	2	H2	0.009381	49.9	27.667
B	11	2	H2	1.669146	4.2	3466.580
Na	23	1	He	58.200459	1.3	144650.280
Mg	24	1	He	71.879084	2.2	87170.457
Al	27	1	He	24.299948	6.6	14224.013
Si	28	2	H2	99.334336	3.2	514897.020
K	39	1	He	10.591483	3.3	46563.953
Ca	43	1	He	1238.510209	1.2	4258.003
Ti	47	1	He	0.395258	20.7	165.000
V	51	1	He	0.023912	135.6	289.443
Cr	52	1	He	-0.011828		1588.763
Mn	55	1	He	1.008748	2.5	9558.570
Fe	56	1	He	24.060563	0.8	307208.033
Co	59	1	He	0.026339	3.2	784.690
Ni	60	1	He	-0.047912		4718.137
Cu	63	1	He	0.053960	6.8	1512.750
Zn	66	1	He	0.109806	16.0	1160.053
As	75	1	He	0.007324	30.5	84.167
Se	78	2	H2	0.037975	8.9	59.667
Sr	88	1	He	4.375747	0.9	44215.443
Mo	95	1	He	0.033818	15.9	268.667
Pd	105	1	He	0.009612	36.1	206.670
Ag	107	1	He	0.019008	29.2	518.350
Cd	111	1	He	0.021598	15.1	97.307
Sn	118	1	He	0.024494	20.4	536.683
Sb	121	1	He	0.024680	16.1	393.343
Ba	138	1	He	0.457119	1.4	9443.477
Pt	195	1	He	0.010398	9.0	252.667
Hg	202	1	He	0.011014	21.6	50.667
Tl	205	1	He	-0.021780		1136.727
Pb	208	1	He	0.051322	5.5	2881.820
Bi	209	1	He	0.020214	8.8	1130.063
Th	232	1	He	0.050873	15.4	2176.877
U	238	1	He	0.019418	16.3	815.037

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.15269159	729991.833
Sc	45	2	H2	97.96613799	4777915.333
Ge	72	1	He	89.44366248	427453.520
Ge	72	2	H2	99.08221037	1426666.457
In	115	1	He	93.78023766	3838187.363
Tb	159	1	He	102.2355401	8587767.997
Ir	193	1	He	110.5439374	4430627.433

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	119_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:42:14
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	86.052422	1.9	196446.097
Be	9	2	H2	85.634323	2.6	129447.803
B	11	2	H2	83.153997	2.8	109972.950
Na	23	1	He	2116.653292	1.9	4551664.307
Mg	24	1	He	2121.926382	1.3	2560828.033
Al	27	1	He	2106.184958	1.4	1113405.957
Si	28	2	H2	1048.508383	1.7	4602590.833
K	39	1	He	2042.076627	1.4	2394770.640
Ca	43	1	He	2038.457546	1.8	6991.387
Ti	47	1	He	82.741637	0.5	33638.903
V	51	1	He	85.853043	4.4	962955.420
Cr	52	1	He	85.208139	3.9	1217192.457
Mn	55	1	He	82.034065	1.5	750061.873
Fe	56	1	He	1038.498284	1.7	12739161.667
Co	59	1	He	88.423196	2.0	1922215.460
Ni	60	1	He	84.823474	0.8	506465.050
Cu	63	1	He	87.942049	1.9	1396474.127
Zn	66	1	He	82.182290	0.6	238415.123
As	75	1	He	81.741399	1.0	145575.703
Se	78	2	H2	84.421914	2.6	77834.247
Sr	88	1	He	83.396291	1.2	837690.247
Mo	95	1	He	80.132319	0.9	560995.793
Pd	105	1	He	85.072521	1.1	879508.893
Ag	107	1	He	48.706606	1.8	914670.247
Cd	111	1	He	81.722306	0.6	290315.493
Sn	118	1	He	81.044363	0.8	601002.463
Sb	121	1	He	81.908719	0.5	754267.357
Ba	138	1	He	83.305891	0.9	1695202.733
Pt	195	1	He	85.506840	1.1	803650.040
Hg	202	1	He	4.170518	1.3	17726.790
Tl	205	1	He	46.139888	2.3	1344053.680
Pb	208	1	He	86.945800	1.7	3575840.860
Bi	209	1	He	87.676033	1.6	2973609.747
Th	232	1	He	91.400203	3.1	3427826.097
U	238	1	He	91.252291	2.6	3440554.117

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.08588513	729412.313
Sc	45	2	H2	98.63037030	4810310.667
Ge	72	1	He	89.18677607	426225.853
Ge	72	2	H2	97.60686354	1405423.210
In	115	1	He	94.34433107	3861274.277
Tb	159	1	He	103.4186056	8687145.290
Ir	193	1	He	109.0238175	4369700.663

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	120_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:45:03
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.021889	12.6	105.000
Be	9	2	H2	0.015512	25.5	35.833
B	11	2	H2	1.187010	2.7	2765.430
Na	23	1	He	-1.091969		17275.370
Mg	24	1	He	0.381572	4.9	813.363
Al	27	1	He	0.583082	38.5	1662.433
Si	28	2	H2	-1.720428		70228.627
K	39	1	He	1.875766	39.4	35826.500
Ca	43	1	He	2.123917	65.9	25.113
Ti	47	1	He	0.025602	50.4	14.333
V	51	1	He	0.012235	101.9	151.207
Cr	52	1	He	-0.025129		1362.737
Mn	55	1	He	0.012953	26.0	420.010
Fe	56	1	He	0.112516	12.9	12492.870
Co	59	1	He	0.015191	17.4	528.010
Ni	60	1	He	-0.040396		4639.447
Cu	63	1	He	0.015486	6.3	877.363
Zn	66	1	He	-0.004877		806.693
As	75	1	He	0.009148	20.5	85.167
Se	78	2	H2	0.036790	18.7	57.000
Sr	88	1	He	0.018851	27.1	321.673
Mo	95	1	He	0.021949	25.6	184.667
Pd	105	1	He	0.011091	12.4	220.000
Ag	107	1	He	0.033682	19.3	786.697
Cd	111	1	He	0.022667	17.6	100.313
Sn	118	1	He	0.018916	47.0	491.680
Sb	121	1	He	0.016963	27.7	320.010
Ba	138	1	He	0.012474	13.7	496.677
Pt	195	1	He	0.011063	15.7	257.333
Hg	202	1	He	0.037771	21.6	162.000
Tl	205	1	He	-0.029227		916.710
Pb	208	1	He	0.022403	5.8	1665.060
Bi	209	1	He	0.014691	16.1	933.373
Th	232	1	He	0.039309	25.9	1728.470
U	238	1	He	0.013195	15.1	573.353

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	82.65133237	716968.127
Sc	45	2	H2	95.33784939	4649730.833
Ge	72	1	He	87.13716912	416430.730
Ge	72	2	H2	96.46011990	1388911.460
In	115	1	He	93.08731828	3809827.930
Tb	159	1	He	101.6280960	8536742.790
Ir	193	1	He	109.8218131	4401684.517

Sample Name	CRDL
Sample Type	CRDL
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	121CRD.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:48:09
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.577102	2.1	1306.893
Be	9	2	H2	0.252098	1.7	375.010
B	11	2	H2	11.034582	2.0	14944.117
Na	23	1	He	56.095445	0.3	138772.673
Mg	24	1	He	33.265395	1.5	40142.427
Al	27	1	He	32.541819	1.3	18396.700
Si	28	2	H2	109.525326	3.0	532396.280
K	39	1	He	104.810579	1.2	154036.683
Ca	43	1	He	106.296969	3.2	378.460
Ti	47	1	He	1.055404	3.0	429.343
V	51	1	He	0.996903	3.7	11078.530
Cr	52	1	He	2.029064	0.7	30360.380
Mn	55	1	He	0.526666	1.4	5067.590
Fe	56	1	He	52.757360	0.9	650618.397
Co	59	1	He	0.572854	0.4	12519.573
Ni	60	1	He	0.508837	2.5	7906.240
Cu	63	1	He	1.109742	0.6	18055.590
Zn	66	1	He	5.118314	1.2	15459.847
As	75	1	He	0.520712	4.8	986.700
Se	78	2	H2	0.540972	8.4	505.343
Sr	88	1	He	0.543897	3.1	5539.497
Mo	95	1	He	0.494166	1.9	3472.450
Pd	105	1	He	0.526025	5.3	5511.157
Ag	107	1	He	0.602915	3.8	11421.533
Cd	111	1	He	0.114590	0.3	425.663
Sn	118	1	He	0.517798	6.1	4169.010
Sb	121	1	He	0.539269	2.6	5102.660
Ba	138	1	He	0.321148	0.5	6718.397
Pt	195	1	He	0.531644	1.4	5103.023
Hg	202	1	He	0.236068	3.8	998.040
Tl	205	1	He	0.074838	3.6	3922.297
Pb	208	1	He	0.553581	2.6	23555.347
Bi	209	1	He	0.537949	2.3	18720.487
Th	232	1	He	0.570329	2.0	21692.003
U	238	1	He	0.546167	0.9	20723.783

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.33113925	722865.187
Sc	45	2	H2	93.67505763	4568634.667
Ge	72	1	He	88.17558450	421393.343
Ge	72	2	H2	94.30697981	1357908.793
In	115	1	He	93.79801920	3838915.117
Tb	159	1	He	102.3842781	8600261.957
Ir	193	1	He	109.3224970	4381671.810

Sample Name	ICSA
Sample Type	ICSA
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	122ICSA.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:51:15
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.116921	8.8	329.333
Be	9	2	H2	-0.003597		8.333
B	11	2	H2	0.613526	2.6	2134.993
Na	23	1	He	26417.89052	1.3	55514877.510
Mg	24	1	He	25476.28427	1.2	30159807.883
Al	27	1	He	25678.76503	1.1	13302472.667
Si	28	2	H2	-1.189602		73486.343
K	39	1	He	24980.79771	1.2	28362066.243
Ca	43	1	He	25132.29900	0.7	84358.233
Ti	47	1	He	494.151085	0.7	197078.780
V	51	1	He	0.012546	34.9	154.727
Cr	52	1	He	0.320229	1.4	6141.347
Mn	55	1	He	0.055758	14.6	798.027
Fe	56	1	He	25635.00591	2.4	305173994.667
Co	59	1	He	0.028366	3.9	802.693
Ni	60	1	He	0.011505	277.8	4910.203
Cu	63	1	He	0.045834	2.0	1340.070
Zn	66	1	He	0.296074	2.2	1646.770
As	75	1	He	0.004707	24.0	77.000
Se	78	2	H2	0.024015	20.5	46.000
Sr	88	1	He	0.185736	9.9	1946.817
Mo	95	1	He	501.650110	0.9	3396828.500
Pd	105	1	He	-0.000830		96.667
Ag	107	1	He	0.014081	23.6	415.010
Cd	111	1	He	-0.028062		-76.017
Sn	118	1	He	0.011864	26.4	431.677
Sb	121	1	He	0.022845	24.1	366.677
Ba	138	1	He	0.067719	2.6	1625.117
Pt	195	1	He	0.000926	166.6	166.000
Hg	202	1	He	0.018618	6.9	83.333
Tl	205	1	He	-0.050850		303.340
Pb	208	1	He	0.017276	11.3	1406.710
Bi	209	1	He	0.013491	26.1	863.373
Th	232	1	He	0.014425	14.3	760.033
U	238	1	He	0.006332	21.9	301.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	82.49766053	715635.083
Sc	45	2	H2	99.76592690	4865693.000
Ge	72	1	He	86.62654616	413990.450
Ge	72	2	H2	97.74684311	1407438.750
In	115	1	He	91.25450420	3734815.497
Tb	159	1	He	103.1458520	8664234.040
Ir	193	1	He	106.3751879	4263542.957

Sample Name	ICSAB
Sample Type	ICSB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	123ICSB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:54:16
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	98.680104	0.3	228021.767
Be	9	2	H2	98.856933	0.6	151287.507
B	11	2	H2	95.524933	0.3	127711.320
Na	23	1	He	28635.11496	1.2	61221362.420
Mg	24	1	He	28113.59528	0.7	33859835.330
Al	27	1	He	28222.04170	0.7	14872612.333
Si	28	2	H2	1324.477542	0.5	5760844.667
K	39	1	He	27318.83655	1.7	31550134.530
Ca	43	1	He	27730.31527	0.8	94690.147
Ti	47	1	He	589.669676	0.6	239251.080
V	51	1	He	104.444251	1.4	1157406.957
Cr	52	1	He	102.670661	0.3	1448743.207
Mn	55	1	He	96.478969	0.5	871289.353
Fe	56	1	He	27043.46162	1.1	327395808.000
Co	59	1	He	102.897824	1.3	2209368.583
Ni	60	1	He	98.182867	2.2	578232.227
Cu	63	1	He	100.577769	0.8	1576982.293
Zn	66	1	He	94.537665	0.7	270755.147
As	75	1	He	96.079628	1.0	168997.820
Se	78	2	H2	98.095920	1.5	89987.683
Sr	88	1	He	99.330054	0.3	985491.600
Mo	95	1	He	603.844932	2.3	4116709.000
Pd	105	1	He	98.956757	1.7	996335.063
Ag	107	1	He	4.708711	2.5	86265.343
Cd	111	1	He	94.973550	1.0	328578.017
Sn	118	1	He	99.319174	1.2	717268.767
Sb	121	1	He	97.525191	0.6	874600.560
Ba	138	1	He	98.984808	1.0	1968610.127
Pt	195	1	He	99.323019	1.0	912368.357
Hg	202	1	He	0.015080	10.4	67.000
Tl	205	1	He	52.548944	2.1	1495649.770
Pb	208	1	He	101.639326	1.2	4004219.890
Bi	209	1	He	97.912758	0.8	3181047.037
Th	232	1	He	135.884454	0.5	4882667.847
U	238	1	He	108.454783	1.0	3917627.130

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.92903390	728051.690
Sc	45	2	H2	99.80725603	4867708.667
Ge	72	1	He	88.08477728	420959.373
Ge	72	2	H2	97.04777241	1397372.960
In	115	1	He	91.88247388	3760516.703
Tb	159	1	He	101.0720705	8490036.747
Ir	193	1	He	104.4179838	4185097.750

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	124_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:57:05
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	83.157919	2.0	191770.627
Be	9	2	H2	82.726542	2.7	126328.310
B	11	2	H2	80.795785	2.4	107995.757
Na	23	1	He	2089.830392	2.0	4570403.473
Mg	24	1	He	2056.927844	1.0	2524256.213
Al	27	1	He	2098.400776	4.1	1127768.707
Si	28	2	H2	1042.639725	2.0	4608004.667
K	39	1	He	2028.897937	0.6	2419613.197
Ca	43	1	He	2047.829325	0.1	7141.543
Ti	47	1	He	82.823288	0.9	34239.640
V	51	1	He	86.780351	2.4	998030.747
Cr	52	1	He	85.960394	0.5	1258963.623
Mn	55	1	He	82.003442	1.0	768501.817
Fe	56	1	He	1034.212459	1.0	13004373.333
Co	59	1	He	87.967350	2.4	1959903.247
Ni	60	1	He	84.553350	0.5	517444.770
Cu	63	1	He	87.909209	1.0	1430400.207
Zn	66	1	He	81.806805	1.2	243229.520
As	75	1	He	81.948675	0.5	149584.600
Se	78	2	H2	84.817841	1.9	78766.457
Sr	88	1	He	84.072946	0.4	865550.430
Mo	95	1	He	81.036033	1.8	571044.103
Pd	105	1	He	85.682397	1.4	891679.597
Ag	107	1	He	49.202516	1.7	930117.487
Cd	111	1	He	83.685572	1.6	299236.660
Sn	118	1	He	82.806345	1.0	618141.163
Sb	121	1	He	82.475068	1.4	764464.520
Ba	138	1	He	83.230353	1.3	1699232.733
Pt	195	1	He	85.256012	0.6	803953.687
Hg	202	1	He	4.199730	3.1	17909.727
Tl	205	1	He	46.287120	0.9	1352673.263
Pb	208	1	He	86.182475	1.8	3607261.923
Bi	209	1	He	86.659516	2.0	2991131.517
Th	232	1	He	91.425556	2.8	3489908.073
U	238	1	He	89.059114	0.9	3418083.593

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.50596309	741730.937
Sc	45	2	H2	99.64387714	4859740.500
Ge	72	1	He	91.40276144	436816.103
Ge	72	2	H2	98.24282720	1414580.333
In	115	1	He	94.97790750	3887204.953
Tb	159	1	He	103.7530358	8715237.370
Ir	193	1	He	110.9452106	4446710.560

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	125_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 19:59:54
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.019351	25.5	100.167
Be	9	2	H2	0.014057	16.5	34.000
B	11	2	H2	1.078190	4.1	2651.413
Na	23	1	He	2.169137	5.1	24824.680
Mg	24	1	He	1.887742	6.0	2673.600
Al	27	1	He	1.917712	6.5	2422.207
Si	28	2	H2	-4.369829		59183.510
K	39	1	He	4.422370	9.6	39820.320
Ca	43	1	He	2.314013	66.2	26.467
Ti	47	1	He	0.048870	2.1	24.333
V	51	1	He	0.017547	71.9	216.393
Cr	52	1	He	-0.017376		1517.420
Mn	55	1	He	0.014911	12.9	451.343
Fe	56	1	He	1.519086	4.2	30266.980
Co	59	1	He	0.014776	4.0	535.343
Ni	60	1	He	-0.045102		4758.820
Cu	63	1	He	0.018836	16.5	958.700
Zn	66	1	He	-0.017022		796.693
As	75	1	He	0.013666	8.4	96.000
Se	78	2	H2	0.037050	19.8	57.333
Sr	88	1	He	0.012911	32.5	271.673
Mo	95	1	He	0.062798	10.3	488.010
Pd	105	1	He	0.013088	32.7	251.670
Ag	107	1	He	0.031141	30.9	771.697
Cd	111	1	He	0.025555	9.7	115.280
Sn	118	1	He	0.026762	23.9	573.353
Sb	121	1	He	0.020826	38.7	370.010
Ba	138	1	He	0.013783	29.6	525.013
Pt	195	1	He	0.014704	17.1	292.003
Hg	202	1	He	0.042613	2.3	183.000
Tl	205	1	He	-0.025953		1015.050
Pb	208	1	He	0.025056	10.2	1756.723
Bi	209	1	He	0.016546	20.5	986.710
Th	232	1	He	0.028615	10.0	1306.750
U	238	1	He	0.013994	5.1	596.687

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.99600552	737307.253
Sc	45	2	H2	96.17777662	4690695.000
Ge	72	1	He	89.90526917	429659.550
Ge	72	2	H2	96.88036257	1394962.457
In	115	1	He	97.21613271	3978809.837
Tb	159	1	He	101.9856686	8566778.830
Ir	193	1	He	108.6674464	4355417.227

Sample Name	4547754_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	126SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:02:59
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.001507	128.4	60.833
Be	9	2	H2	-0.002279		10.000
B	11	2	H2	0.763468	5.2	2257.007
Na	23	1	He	4.395024	10.1	29979.450
Mg	24	1	He	3.668532	6.9	4900.877
Al	27	1	He	15.883287	1.1	9987.123
Si	28	2	H2	-5.020002		56182.187
K	39	1	He	2.729128	17.1	38272.853
Ca	43	1	He	11.129329	3.6	57.603
Ti	47	1	He	0.105955	5.5	48.333
V	51	1	He	0.007456	355.9	102.357
Cr	52	1	He	0.044893	2.9	2421.543
Mn	55	1	He	0.038887	22.4	674.020
Fe	56	1	He	2.614396	2.3	43965.537
Co	59	1	He	0.003012	22.5	278.667
Ni	60	1	He	-0.057564		4701.463
Cu	63	1	He	0.023070	8.3	1030.040
Zn	66	1	He	1.180271	0.1	4301.333
As	75	1	He	-0.005475		61.833
Se	78	2	H2	0.006301	69.1	29.333
Sr	88	1	He	0.013617	22.4	280.007
Mo	95	1	He	0.040862	8.7	328.673
Pd	105	1	He	0.002985	94.9	143.333
Ag	107	1	He	0.008037	35.7	325.010
Cd	111	1	He	0.012033	23.7	65.633
Sn	118	1	He	0.026626	25.7	571.687
Sb	121	1	He	0.023569	12.9	396.677
Ba	138	1	He	0.035598	10.4	986.713
Pt	195	1	He	0.006383	42.7	220.000
Hg	202	1	He	0.021689	2.7	97.667
Tl	205	1	He	-0.049026		361.677
Pb	208	1	He	0.015679	14.3	1386.710
Bi	209	1	He	0.009189	3.8	745.030
Th	232	1	He	0.008502	23.9	561.683
U	238	1	He	0.005540	3.5	281.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.95887986	745659.813
Sc	45	2	H2	96.51068559	4706931.333
Ge	72	1	He	90.22697634	431196.997
Ge	72	2	H2	96.57172607	1390518.457
In	115	1	He	97.08529204	3973454.860
Tb	159	1	He	104.5033002	8778259.453
Ir	193	1	He	109.7297400	4397994.207

Sample Name	4547755_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	127SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:06:05
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	109.739915	3.3	245771.497
Be	9	2	H2	109.605720	3.4	162566.637
B	11	2	H2	106.024081	3.9	137226.010
Na	23	1	He	2281.709037	3.5	4945520.657
Mg	24	1	He	2198.756410	0.8	2675114.960
Al	27	1	He	2234.231992	2.0	1190613.333
Si	28	2	H2	549.750947	1.7	2460184.167
K	39	1	He	2154.374349	1.7	2545161.997
Ca	43	1	He	2156.811357	1.3	7456.260
Ti	47	1	He	103.674203	0.8	42491.720
V	51	1	He	108.520282	1.7	1238099.597
Cr	52	1	He	108.826357	2.3	1580705.290
Mn	55	1	He	101.777258	1.5	946285.830
Fe	56	1	He	2142.487769	1.0	26715965.333
Co	59	1	He	109.497995	1.9	2420520.167
Ni	60	1	He	106.497593	1.7	645298.520
Cu	63	1	He	110.518363	2.1	1783969.667
Zn	66	1	He	103.856832	1.3	306147.707
As	75	1	He	102.254587	1.2	185171.050
Se	78	2	H2	105.437220	2.2	97589.173
Sr	88	1	He	109.153195	3.3	1114826.467
Mo	95	1	He	101.290500	0.8	713427.563
Pd	105	1	He	21.304635	0.4	221684.673
Ag	107	1	He	63.563768	1.4	1201019.980
Cd	111	1	He	102.923300	0.3	367845.270
Sn	118	1	He	102.540863	0.3	764950.927
Sb	121	1	He	104.488065	0.9	967968.970
Ba	138	1	He	105.391527	2.0	2139412.990
Pt	195	1	He	21.619383	1.3	202821.620
Hg	202	1	He	0.025041	7.9	110.667
Tl	205	1	He	116.711550	1.8	3388383.907
Pb	208	1	He	106.666894	2.3	4388383.160
Bi	209	1	He	107.066155	1.9	3632424.530
Th	232	1	He	114.695612	2.1	4303558.167
U	238	1	He	111.261316	0.5	4198075.563

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.76991929	735346.043
Sc	45	2	H2	96.82882489	4722447.333
Ge	72	1	He	90.69473909	433432.447
Ge	72	2	H2	97.97484821	1410721.753
In	115	1	He	94.91320539	3884556.860
Tb	159	1	He	103.1695276	8666222.787
Ir	193	1	He	109.0684338	4371488.897

Sample Name	10638242001_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	128SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:08:52
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	42.111833	1.1	98662.717
Be	9	2	H2	0.019972	16.4	45.000
B	11	2	H2	64.289247	1.0	87558.850
Na	23	1	He	40305.49370	0.1	85663965.393
Mg	24	1	He	13023.18548	0.3	15595120.187
Al	27	1	He	172.771967	0.1	91890.630
Si	28	2	H2	14677.09076	0.7	62746597.333
K	39	1	He	7582.539359	1.5	8732134.660
Ca	43	1	He	97488.62500	0.3	330930.913
Ti	47	1	He	5.554461	4.5	2245.187
V	51	1	He	2.830480	1.7	31494.690
Cr	52	1	He	0.449680	2.2	8097.663
Mn	55	1	He	197.827758	1.1	1792297.837
Fe	56	1	He	186.345742	3.9	2275081.417
Co	59	1	He	0.483553	1.3	10625.347
Ni	60	1	He	0.781248	3.8	9521.897
Cu	63	1	He	14.079768	1.0	222064.577
Zn	66	1	He	141.806439	0.1	407119.060
As	75	1	He	4.942452	0.7	8789.920
Se	78	2	H2	0.795786	2.0	749.687
Sr	88	1	He	479.883200	0.6	4776922.010
Mo	95	1	He	63.023950	1.0	424838.750
Pd	105	1	He	0.012306	40.9	226.667
Ag	107	1	He	0.044663	13.8	966.710
Cd	111	1	He	0.479791	1.2	1661.293
Sn	118	1	He	0.279578	11.3	2340.297
Sb	121	1	He	0.337346	5.0	3152.060
Ba	138	1	He	38.654056	0.1	767941.630
Pt	195	1	He	0.010523	15.0	250.667
Hg	202	1	He	0.038660	6.7	164.667
Tl	205	1	He	0.008784	115.4	1990.173
Pb	208	1	He	1.202680	2.0	47948.840
Bi	209	1	He	0.028432	10.8	1330.080
Th	232	1	He	0.115481	22.0	4359.137
U	238	1	He	6.028861	1.5	217272.217

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.44363498	723841.043
Sc	45	2	H2	101.1777605	4934549.667
Ge	72	1	He	88.38736340	422405.440
Ge	72	2	H2	96.58613397	1390725.913
In	115	1	He	90.83668412	3717715.180
Tb	159	1	He	100.9433228	8479221.957
Ir	193	1	He	104.1568151	4174630.043

Sample Name	4549438_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	129SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:11:50
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	124.293140	2.0	291895.530
Be	9	2	H2	83.150014	2.0	129335.780
B	11	2	H2	148.988708	3.0	201663.933
Na	23	1	He	41339.39716	1.4	89372165.333
Mg	24	1	He	14841.74407	1.4	18077696.397
Al	27	1	He	2450.168479	2.1	1307100.457
Si	28	2	H2	15206.87207	1.0	65555552.000
K	39	1	He	9539.239134	2.1	11164574.417
Ca	43	1	He	97266.15046	0.4	335859.523
Ti	47	1	He	94.326042	1.1	38708.997
V	51	1	He	90.660054	1.2	1009669.087
Cr	52	1	He	85.406494	1.6	1211366.417
Mn	55	1	He	275.731790	1.5	2501900.083
Fe	56	1	He	1292.235782	0.6	15732634.000
Co	59	1	He	86.399963	0.8	1864416.997
Ni	60	1	He	81.137716	1.1	481080.190
Cu	63	1	He	96.835196	2.4	1525766.040
Zn	66	1	He	214.748114	1.2	617015.563
As	75	1	He	86.179379	0.3	152343.960
Se	78	2	H2	81.231396	0.8	74777.350
Sr	88	1	He	554.671245	0.2	5529643.670
Mo	95	1	He	153.248570	1.6	1028114.273
Pd	105	1	He	87.574616	0.8	867674.857
Ag	107	1	He	11.438832	1.2	205994.877
Cd	111	1	He	80.253935	1.0	273213.180
Sn	118	1	He	89.536214	0.7	636285.120
Sb	121	1	He	89.949877	0.5	793798.580
Ba	138	1	He	120.780843	1.1	2391391.060
Pt	195	1	He	87.983211	0.1	804616.230
Hg	202	1	He	0.034657	2.7	147.667
Tl	205	1	He	44.389651	0.7	1258085.580
Pb	208	1	He	83.199837	0.2	3293892.607
Bi	209	1	He	90.130015	0.9	2942484.750
Th	232	1	He	84.086266	33.4	3035415.163
U	238	1	He	93.525130	1.2	3394830.057

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.88003451	736301.250
Sc	45	2	H2	101.4804193	4949310.667
Ge	72	1	He	88.51946635	423036.763
Ge	72	2	H2	97.39918697	1402432.913
In	115	1	He	90.41251028	3700354.820
Tb	159	1	He	100.6196763	8452035.707
Ir	193	1	He	104.9244080	4205395.353

Sample Name	4549439_B74455Dx5
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	130SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:14:36
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	8.748262	1.1	20324.383
Be	9	2	H2	0.009973	22.3	29.167
B	11	2	H2	15.262044	1.6	21576.380
Na	23	1	He	8265.607537	1.1	18053503.480
Mg	24	1	He	2694.483968	1.3	3313504.637
Al	27	1	He	36.369346	1.2	20974.207
Si	28	2	H2	2848.812514	1.5	12434897.000
K	39	1	He	1587.425495	1.9	1904436.530
Ca	43	1	He	19750.51048	0.8	68854.370
Ti	47	1	He	1.145227	1.5	478.677
V	51	1	He	0.594241	1.9	6750.343
Cr	52	1	He	0.088661	4.4	3047.670
Mn	55	1	He	39.645556	1.3	366191.823
Fe	56	1	He	37.932407	0.6	480977.897
Co	59	1	He	0.111982	4.3	2669.597
Ni	60	1	He	0.117364	12.4	5737.177
Cu	63	1	He	3.053223	0.7	49578.253
Zn	66	1	He	30.677512	0.7	90392.527
As	75	1	He	1.024614	2.2	1913.133
Se	78	2	H2	0.176451	6.3	187.333
Sr	88	1	He	98.547359	0.5	999564.983
Mo	95	1	He	12.534001	0.8	87143.213
Pd	105	1	He	0.017942	13.5	291.677
Ag	107	1	He	0.027345	28.2	673.357
Cd	111	1	He	0.118560	5.6	438.963
Sn	118	1	He	0.071519	6.7	881.703
Sb	121	1	He	0.104450	1.6	1121.720
Ba	138	1	He	7.968737	0.4	161637.440
Pt	195	1	He	0.015775	3.6	304.667
Hg	202	1	He	0.018729	16.0	83.667
Tl	205	1	He	-0.020622		1180.067
Pb	208	1	He	0.269892	4.7	11603.810
Bi	209	1	He	0.027874	11.4	1346.747
Th	232	1	He	0.043289	12.9	1828.483
U	238	1	He	1.229273	1.4	45538.843

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.67867055	743229.107
Sc	45	2	H2	100.0808983	4881054.500
Ge	72	1	He	90.05046963	430353.467
Ge	72	2	H2	98.08657615	1412330.503
In	115	1	He	93.65633862	3833116.490
Tb	159	1	He	102.9376720	8646746.957
Ir	193	1	He	106.9358886	4286015.977

Sample Name	4547756_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	131SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:17:38
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	145.129121	1.4	346597.550
Be	9	2	H2	103.000995	1.9	162908.910
B	11	2	H2	164.431564	1.8	226221.733
Na	23	1	He	43239.00949	0.9	93523145.273
Mg	24	1	He	15248.32304	2.2	18581585.557
Al	27	1	He	2304.252490	2.2	1229907.837
Si	28	2	H2	15284.91915	2.8	66905348.000
K	39	1	He	9821.682470	1.0	11499931.497
Ca	43	1	He	101073.6757	0.3	349177.583
Ti	47	1	He	107.089468	1.4	43967.177
V	51	1	He	112.141987	1.9	1242577.993
Cr	52	1	He	108.081777	3.2	1524771.333
Mn	55	1	He	293.619395	0.6	2650685.583
Fe	56	1	He	2291.489531	1.0	27748406.667
Co	59	1	He	110.647122	1.8	2375427.750
Ni	60	1	He	102.916709	0.9	605806.333
Cu	63	1	He	119.456749	1.2	1872563.417
Zn	66	1	He	242.795631	0.5	693975.500
As	75	1	He	109.974556	0.6	193406.497
Se	78	2	H2	101.388443	1.3	94792.177
Sr	88	1	He	608.142697	1.2	6032181.367
Mo	95	1	He	167.667663	2.2	1143942.373
Pd	105	1	He	20.498303	2.4	206612.440
Ag	107	1	He	60.734549	1.6	1111757.587
Cd	111	1	He	99.582357	2.3	344753.117
Sn	118	1	He	103.647027	2.0	748998.660
Sb	121	1	He	105.138904	2.5	943434.753
Ba	138	1	He	144.419470	1.7	2836103.813
Pt	195	1	He	21.280631	0.3	193151.050
Hg	202	1	He	0.035599	9.2	150.333
Tl	205	1	He	112.948313	1.4	3172569.223
Pb	208	1	He	106.988090	1.1	4217725.433
Bi	209	1	He	103.039939	1.3	3349792.867
Th	232	1	He	116.325479	0.8	4182704.730
U	238	1	He	118.945787	1.9	4300015.873

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.92165252	736662.270
Sc	45	2	H2	103.1838362	5032388.167
Ge	72	1	He	88.07283273	420902.290
Ge	72	2	H2	98.95081947	1424774.583
In	115	1	He	91.96957757	3764081.637
Tb	159	1	He	99.80457547	8383567.373
Ir	193	1	He	104.4910222	4188025.147

Sample Name	4547757_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	132SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:20:24
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	148.869841	1.8	351645.967
Be	9	2	H2	105.810105	1.9	165534.573
B	11	2	H2	169.569005	1.8	230712.210
Na	23	1	He	43196.75031	1.0	92761825.287
Mg	24	1	He	15356.88174	1.6	18580255.973
Al	27	1	He	2374.989421	3.7	1258450.293
Si	28	2	H2	15759.71035	5.3	67693280.000
K	39	1	He	9912.964913	1.2	11523299.830
Ca	43	1	He	102048.6182	0.7	350018.277
Ti	47	1	He	111.043433	0.4	45266.223
V	51	1	He	117.032902	5.3	1294469.877
Cr	52	1	He	112.217948	3.1	1580553.460
Mn	55	1	He	299.721770	3.1	2701416.750
Fe	56	1	He	2343.059124	3.2	28327036.000
Co	59	1	He	112.267296	1.8	2406699.000
Ni	60	1	He	104.831816	1.7	616086.207
Cu	63	1	He	120.468470	0.9	1885850.960
Zn	66	1	He	245.931414	0.8	701945.627
As	75	1	He	111.772918	1.2	196283.500
Se	78	2	H2	105.101520	1.0	96421.797
Sr	88	1	He	601.020141	1.3	5952783.037
Mo	95	1	He	176.482114	1.4	1187941.833
Pd	105	1	He	21.058721	0.7	209427.463
Ag	107	1	He	62.652276	2.1	1131402.353
Cd	111	1	He	102.905336	0.4	351493.927
Sn	118	1	He	107.131816	0.1	763798.557
Sb	121	1	He	108.312884	0.6	958983.707
Ba	138	1	He	144.925491	0.4	2858422.043
Pt	195	1	He	21.577793	2.0	196682.683
Hg	202	1	He	0.034148	1.7	145.000
Tl	205	1	He	113.492016	3.2	3201378.600
Pb	208	1	He	109.382994	1.1	4282843.970
Bi	209	1	He	106.239253	2.1	3430117.760
Th	232	1	He	118.361512	1.4	4226632.540
U	238	1	He	121.788127	0.5	4372402.747

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.31502126	731399.980
Sc	45	2	H2	102.0510989	4977143.333
Ge	72	1	He	87.95543919	420341.263
Ge	72	2	H2	97.06490901	1397619.707
In	115	1	He	90.71046236	3712549.243
Tb	159	1	He	100.2367192	8419867.377
Ir	193	1	He	103.7788467	4159480.980

Sample Name	10638242002_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	133SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:23:10
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	36.728419	1.9	86734.713
Be	9	2	H2	0.016250	18.2	39.500
B	11	2	H2	61.391276	0.4	84343.570
Na	23	1	He	51168.14667	0.9	111106821.673
Mg	24	1	He	15483.56481	1.5	18943890.550
Al	27	1	He	36.100366	0.9	20727.847
Si	28	2	H2	7795.169660	2.9	33542340.667
K	39	1	He	11758.43524	0.6	13815476.043
Ca	43	1	He	160482.6171	0.3	556595.910
Ti	47	1	He	0.390761	5.6	165.333
V	51	1	He	0.747967	4.1	8348.280
Cr	52	1	He	0.308889	2.1	6116.667
Mn	55	1	He	146.949719	0.8	1333689.917
Fe	56	1	He	51.027251	1.1	632225.623
Co	59	1	He	0.258966	0.9	5797.207
Ni	60	1	He	1.513254	1.3	13833.470
Cu	63	1	He	7.151882	0.9	113307.683
Zn	66	1	He	60.318188	0.1	173937.760
As	75	1	He	3.834906	0.6	6847.507
Se	78	2	H2	0.631162	2.0	603.013
Sr	88	1	He	798.091410	2.5	7956366.340
Mo	95	1	He	138.286854	1.0	924847.170
Pd	105	1	He	0.023286	9.9	333.343
Ag	107	1	He	0.046939	21.3	998.380
Cd	111	1	He	0.223712	3.3	779.543
Sn	118	1	He	0.041907	18.6	638.353
Sb	121	1	He	0.777329	2.3	6998.540
Ba	138	1	He	47.908806	0.4	945110.740
Pt	195	1	He	0.009556	8.8	240.000
Hg	202	1	He	0.019810	9.4	86.000
Tl	205	1	He	0.007143	95.5	1930.163
Pb	208	1	He	0.222742	7.0	9449.800
Bi	209	1	He	0.025683	21.6	1241.737
Th	232	1	He	0.099054	22.4	3773.943
U	238	1	He	6.480750	2.8	233649.330

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.25640568	739566.123
Sc	45	2	H2	101.9812796	4973738.167
Ge	72	1	He	88.53477909	423109.943
Ge	72	2	H2	97.12713635	1398515.707
In	115	1	He	90.13102114	3688834.183
Tb	159	1	He	100.2371135	8419900.500
Ir	193	1	He	104.2164948	4177022.020

Sample Name	10638242003_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	134SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:26:11
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	34.929970	2.1	83533.083
Be	9	2	H2	0.000114	876.4	14.500
B	11	2	H2	60.609630	0.8	84333.353
Na	23	1	He	54310.21806	1.9	118609368.230
Mg	24	1	He	19607.61725	0.8	24127580.477
Al	27	1	He	24.729930	1.0	14724.167
Si	28	2	H2	5106.542015	0.8	22475214.667
K	39	1	He	12387.53190	1.0	14635409.780
Ca	43	1	He	160085.5505	1.0	558365.960
Ti	47	1	He	0.226888	5.5	98.333
V	51	1	He	0.228039	12.0	2576.763
Cr	52	1	He	0.222732	3.2	4929.540
Mn	55	1	He	143.952275	0.7	1315522.333
Fe	56	1	He	65.176166	1.2	809921.333
Co	59	1	He	0.154598	0.1	3569.127
Ni	60	1	He	1.427203	2.4	13420.400
Cu	63	1	He	3.576880	0.7	57387.023
Zn	66	1	He	19.558333	0.2	57357.657
As	75	1	He	4.282380	1.5	7691.610
Se	78	2	H2	0.328994	9.3	332.337
Sr	88	1	He	836.290201	1.2	8396469.873
Mo	95	1	He	125.455054	0.4	857555.187
Pd	105	1	He	0.019898	8.7	306.673
Ag	107	1	He	0.014571	16.0	428.343
Cd	111	1	He	0.075922	10.6	283.917
Sn	118	1	He	0.274119	4.6	2333.550
Sb	121	1	He	0.668639	1.7	6174.800
Ba	138	1	He	52.058602	1.6	1023609.437
Pt	195	1	He	0.006890	39.1	215.333
Hg	202	1	He	0.016781	8.6	73.333
Tl	205	1	He	-0.040676		580.020
Pb	208	1	He	0.139856	3.6	6210.647
Bi	209	1	He	0.016504	11.5	946.713
Th	232	1	He	0.031450	13.0	1358.417
U	238	1	He	6.581283	0.5	237838.160

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.74469158	743801.813
Sc	45	2	H2	103.2656128	5036376.500
Ge	72	1	He	89.14788250	426039.980
Ge	72	2	H2	99.18868024	1428199.497
In	115	1	He	92.11265582	3769937.467
Tb	159	1	He	99.93871765	8394835.293
Ir	193	1	He	104.4336140	4185724.210

Sample Name	10638242004_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	135SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:29:13
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	45.031507	1.2	107596.627
Be	9	2	H2	0.022482	15.8	49.833
B	11	2	H2	63.818728	1.6	88650.830
Na	23	1	He	38579.29936	1.2	83756735.417
Mg	24	1	He	12373.72256	1.3	15135554.777
Al	27	1	He	308.169284	0.4	166320.140
Si	28	2	H2	13922.84937	0.6	60895988.000
K	39	1	He	6977.492332	1.8	8209846.750
Ca	43	1	He	84859.79037	0.5	294248.123
Ti	47	1	He	13.738190	1.3	5665.133
V	51	1	He	3.159703	2.8	35621.727
Cr	52	1	He	0.713478	3.0	11985.753
Mn	55	1	He	143.456578	2.7	1317142.417
Fe	56	1	He	401.770446	1.8	4957661.333
Co	59	1	He	0.499917	2.8	11124.403
Ni	60	1	He	0.766869	1.6	9563.933
Cu	63	1	He	20.362928	1.9	325183.103
Zn	66	1	He	126.904830	1.1	369322.960
As	75	1	He	5.437532	1.2	9793.420
Se	78	2	H2	0.692607	6.5	670.020
Sr	88	1	He	425.110772	2.1	4288244.417
Mo	95	1	He	52.067984	1.2	350840.437
Pd	105	1	He	0.008150	49.5	185.000
Ag	107	1	He	0.033727	17.6	768.360
Cd	111	1	He	0.412901	2.7	1432.000
Sn	118	1	He	0.101932	6.1	1071.720
Sb	121	1	He	0.353396	6.7	3292.097
Ba	138	1	He	37.235141	0.8	737162.827
Pt	195	1	He	0.009822	4.1	243.333
Hg	202	1	He	0.038304	10.8	162.667
Tl	205	1	He	-0.033748		780.033
Pb	208	1	He	2.308211	1.4	92748.400
Bi	209	1	He	0.040992	3.3	1763.477
Th	232	1	He	0.102125	7.4	3943.997
U	238	1	He	5.555467	0.5	203221.487

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.23460374	739377.000
Sc	45	2	H2	103.1857705	5032482.500
Ge	72	1	He	89.58218446	428115.520
Ge	72	2	H2	98.80691296	1422702.500
In	115	1	He	90.80417596	3716384.703
Tb	159	1	He	100.5903508	8449572.370
Ir	193	1	He	105.7064929	4236741.500

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	136_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:32:11
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	87.824727	1.3	204993.037
Be	9	2	H2	85.967979	1.3	132889.343
B	11	2	H2	84.987113	1.8	114905.910
Na	23	1	He	2197.083573	1.8	4867265.553
Mg	24	1	He	2121.338812	1.0	2637501.317
Al	27	1	He	2094.223989	0.8	1140374.873
Si	28	2	H2	1053.433278	0.8	4750117.333
K	39	1	He	2041.035076	1.4	2465591.683
Ca	43	1	He	2055.836244	0.8	7262.787
Ti	47	1	He	82.048349	0.9	34362.587
V	51	1	He	87.359714	2.6	1002189.100
Cr	52	1	He	88.641583	3.0	1295018.083
Mn	55	1	He	82.324634	1.6	769708.813
Fe	56	1	He	1035.575377	1.8	12990561.667
Co	59	1	He	89.510874	1.9	1989726.833
Ni	60	1	He	85.270197	1.1	520587.677
Cu	63	1	He	91.098160	0.2	1478847.083
Zn	66	1	He	82.247406	0.5	243984.633
As	75	1	He	81.971269	0.7	149283.603
Se	78	2	H2	84.645411	1.0	80203.537
Sr	88	1	He	82.789847	0.4	850410.350
Mo	95	1	He	82.325841	0.4	568589.977
Pd	105	1	He	87.304100	1.1	890440.770
Ag	107	1	He	50.411949	0.4	934021.290
Cd	111	1	He	84.116014	1.6	294786.197
Sn	118	1	He	83.990862	0.1	614451.257
Sb	121	1	He	83.093744	0.7	754831.887
Ba	138	1	He	81.822390	1.5	1669838.983
Pt	195	1	He	86.559044	0.2	815912.227
Hg	202	1	He	4.189941	2.1	17861.320
Tl	205	1	He	45.353314	1.7	1324902.663
Pb	208	1	He	85.577784	1.6	3601340.410
Bi	209	1	He	86.307413	0.5	2995250.163
Th	232	1	He	91.398939	1.8	3508410.677
U	238	1	He	88.284679	0.7	3406554.740

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	86.62301841	751420.957
Sc	45	2	H2	100.8328909	4917730.000
Ge	72	1	He	91.19531676	435824.720
Ge	72	2	H2	100.2602096	1443628.250
In	115	1	He	93.06791208	3809033.683
Tb	159	1	He	103.7106919	8711680.493
Ir	193	1	He	111.5371768	4470436.707

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	137_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:35:00
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.041476	6.6	149.500
Be	9	2	H2	0.010806	22.5	29.167
B	11	2	H2	2.115921	1.3	3975.043
Na	23	1	He	7.477614	10.4	35814.440
Mg	24	1	He	1.731472	14.4	2448.563
Al	27	1	He	0.575685	18.1	1682.767
Si	28	2	H2	0.476246	121.9	80087.650
K	39	1	He	2.482664	11.9	37037.890
Ca	43	1	He	11.992722	27.6	59.103
Ti	47	1	He	0.020929	36.5	12.667
V	51	1	He	0.026459	64.0	310.880
Cr	52	1	He	-0.026177		1358.737
Mn	55	1	He	0.033460	12.6	608.017
Fe	56	1	He	0.149651	26.8	13042.707
Co	59	1	He	0.013639	14.4	498.677
Ni	60	1	He	-0.022062		4783.550
Cu	63	1	He	0.021047	7.0	971.373
Zn	66	1	He	0.017287	31.3	876.030
As	75	1	He	0.013971	12.7	94.333
Se	78	2	H2	0.024472	20.9	46.000
Sr	88	1	He	0.076389	9.0	893.370
Mo	95	1	He	0.037154	19.5	286.000
Pd	105	1	He	0.014996	33.9	256.673
Ag	107	1	He	0.032822	21.4	761.697
Cd	111	1	He	0.028143	21.4	117.973
Sn	118	1	He	0.020841	44.0	500.013
Sb	121	1	He	0.033508	25.1	465.013
Ba	138	1	He	0.016950	18.3	580.020
Pt	195	1	He	0.013419	16.0	276.000
Hg	202	1	He	0.040338	24.3	171.000
Tl	205	1	He	-0.027873		945.047
Pb	208	1	He	0.027363	5.4	1850.070
Bi	209	1	He	0.018061	7.0	1036.720
Th	232	1	He	0.045128	17.5	1925.167
U	238	1	He	0.014852	8.3	628.353

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.82204543	727123.607
Sc	45	2	H2	96.22948075	4693216.667
Ge	72	1	He	87.83662347	419773.440
Ge	72	2	H2	97.09749571	1398088.917
In	115	1	He	92.05444625	3767555.097
Tb	159	1	He	100.5562883	8446711.127
Ir	193	1	He	108.5833235	4352045.560

Sample Name	10638242005_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	138SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:38:05
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	37.380778	0.8	90496.983
Be	9	2	H2	0.001468	23.2	16.833
B	11	2	H2	59.719325	1.3	84131.507
Na	23	1	He	50425.59174	1.2	107814821.727
Mg	24	1	He	15435.58710	1.2	18595206.390
Al	27	1	He	31.877471	1.3	18183.083
Si	28	2	H2	8722.118401	1.3	38792872.000
K	39	1	He	11461.42889	2.0	13260070.637
Ca	43	1	He	157432.9720	0.7	537630.090
Ti	47	1	He	0.438913	7.2	182.333
V	51	1	He	0.904998	3.7	9959.617
Cr	52	1	He	0.643506	0.4	10708.050
Mn	55	1	He	124.095901	1.3	1110940.167
Fe	56	1	He	46.437893	0.8	568524.230
Co	59	1	He	0.244986	0.6	5420.387
Ni	60	1	He	1.374044	2.7	12839.217
Cu	63	1	He	7.152689	0.6	111777.307
Zn	66	1	He	62.242925	0.1	177016.640
As	75	1	He	4.221279	0.7	7427.967
Se	78	2	H2	0.593383	1.0	587.343
Sr	88	1	He	772.599702	0.8	7598765.510
Mo	95	1	He	128.384894	0.9	862564.227
Pd	105	1	He	0.022437	12.0	326.677
Ag	107	1	He	0.011106	20.2	358.343
Cd	111	1	He	0.199971	3.7	701.767
Sn	118	1	He	0.031198	27.3	565.017
Sb	121	1	He	0.663202	3.5	6019.733
Ba	138	1	He	46.129392	0.5	908245.377
Pt	195	1	He	0.021568	14.0	348.677
Hg	202	1	He	0.029521	10.9	125.667
Tl	205	1	He	-0.045789		436.680
Pb	208	1	He	0.180267	4.5	7825.997
Bi	209	1	He	0.014836	14.6	895.040
Th	232	1	He	0.033988	13.9	1453.433
U	238	1	He	6.532054	1.4	236763.220

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.94811949	728217.250
Sc	45	2	H2	104.5328868	5098182.833
Ge	72	1	He	87.32844592	417344.847
Ge	72	2	H2	100.4081472	1445758.377
In	115	1	He	90.54450803	3705757.153
Tb	159	1	He	100.0480035	8404015.290
Ir	193	1	He	104.7544625	4198583.897

Sample Name	10638242006_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	139SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:41:05
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	34.931547	2.0	84307.860
Be	9	2	H2	-0.002366		10.667
B	11	2	H2	59.684831	2.9	83804.560
Na	23	1	He	53464.03142	1.3	116905881.593
Mg	24	1	He	18883.48905	0.7	23265623.820
Al	27	1	He	34.831666	0.8	20189.080
Si	28	2	H2	5156.397356	1.5	22556215.333
K	39	1	He	12108.14206	0.9	14324860.623
Ca	43	1	He	158719.7268	0.4	554343.267
Ti	47	1	He	0.254721	7.8	110.000
V	51	1	He	0.233926	9.8	2615.037
Cr	52	1	He	0.195406	3.3	4495.390
Mn	55	1	He	145.538360	2.0	1317228.000
Fe	56	1	He	69.576304	2.1	855460.770
Co	59	1	He	0.153218	4.0	3504.443
Ni	60	1	He	1.413987	2.0	13215.547
Cu	63	1	He	3.828793	0.7	60794.483
Zn	66	1	He	22.795232	2.0	66064.967
As	75	1	He	4.167104	0.7	7413.963
Se	78	2	H2	0.317503	4.2	319.667
Sr	88	1	He	824.033432	1.5	8192929.463
Mo	95	1	He	125.299165	0.5	838320.210
Pd	105	1	He	0.019712	13.6	298.343
Ag	107	1	He	0.005414	40.1	255.003
Cd	111	1	He	0.077870	10.6	284.513
Sn	118	1	He	0.022051	36.2	498.353
Sb	121	1	He	0.644328	4.5	5829.627
Ba	138	1	He	50.999042	0.6	1012935.190
Pt	195	1	He	0.010367	22.2	249.333
Hg	202	1	He	0.020963	1.6	91.333
Tl	205	1	He	-0.052452		251.673
Pb	208	1	He	0.155235	2.3	6792.427
Bi	209	1	He	0.011057	13.2	766.697
Th	232	1	He	0.017573	7.7	856.703
U	238	1	He	6.589312	0.9	237284.287

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	85.85415854	744751.397
Sc	45	2	H2	104.2318068	5083498.833
Ge	72	1	He	88.29248631	421952.020
Ge	72	2	H2	98.58541326	1419513.167
In	115	1	He	90.15906881	3689982.103
Tb	159	1	He	100.9303044	8478128.413
Ir	193	1	He	104.0721282	4171235.773

Sample Name	10638278001_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	140SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:44:07
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	104.435296	0.7	252995.100
Be	9	2	H2	-0.003623		8.667
B	11	2	H2	191.092702	2.0	266423.363
Na	23	1	He	56746.41167	0.8	122021761.517
Mg	24	1	He	36914.80009	2.0	44726834.333
Al	27	1	He	29.963315	0.8	17272.980
Si	28	2	H2	12652.11828	1.6	55447306.667
K	39	1	He	7728.900373	1.2	9004712.990
Ca	43	1	He	104601.0612	0.5	359266.360
Ti	47	1	He	0.144823	0.8	63.333
V	51	1	He	1.729127	0.7	19070.483
Cr	52	1	He	0.689611	0.9	11385.250
Mn	55	1	He	345.084530	0.3	3097844.833
Fe	56	1	He	12.407425	0.0	160552.957
Co	59	1	He	0.791579	0.7	17104.357
Ni	60	1	He	2.394081	0.9	18798.513
Cu	63	1	He	9.078795	0.7	142116.680
Zn	66	1	He	69.247826	0.1	197416.263
As	75	1	He	4.838797	0.5	8528.927
Se	78	2	H2	0.226208	7.1	235.667
Sr	88	1	He	805.048617	0.6	7940655.717
Mo	95	1	He	6.321610	1.9	42620.863
Pd	105	1	He	0.016331	27.4	266.670
Ag	107	1	He	0.004122	23.3	233.333
Cd	111	1	He	0.193287	4.9	681.090
Sn	118	1	He	2.216896	2.8	16163.117
Sb	121	1	He	0.433543	10.9	3998.970
Ba	138	1	He	12.685151	2.2	252536.297
Pt	195	1	He	0.006772	19.9	216.667
Hg	202	1	He	0.017700	10.0	78.000
Tl	205	1	He	-0.040659		586.683
Pb	208	1	He	0.091089	5.0	4370.327
Bi	209	1	He	0.007613	12.6	670.023
Th	232	1	He	0.011339	21.1	648.357
U	238	1	He	8.794239	2.4	323621.403

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.42773026	732377.687
Sc	45	2	H2	104.6450913	5103655.167
Ge	72	1	He	87.58141731	418553.803
Ge	72	2	H2	98.99473813	1425406.960
In	115	1	He	90.79920619	3716181.303
Tb	159	1	He	101.1112596	8493328.623
Ir	193	1	He	106.3919512	4264214.833

Sample Name	10638278002_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	141SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:47:09
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	98.126278	0.6	237942.317
Be	9	2	H2	-0.003633		8.667
B	11	2	H2	184.168880	1.0	257090.417
Na	23	1	He	56142.27752	0.3	120523008.207
Mg	24	1	He	35786.80139	1.1	43284869.357
Al	27	1	He	7.910595	1.7	5573.747
Si	28	2	H2	12431.20870	1.4	54210576.000
K	39	1	He	7511.141287	1.5	8736651.747
Ca	43	1	He	101956.8890	0.9	349588.963
Ti	47	1	He	0.102594	22.4	46.000
V	51	1	He	1.612276	4.1	17745.790
Cr	52	1	He	0.668521	2.0	11065.660
Mn	55	1	He	340.824123	3.0	3052165.333
Fe	56	1	He	12.969282	0.3	166936.687
Co	59	1	He	0.804416	1.3	17340.667
Ni	60	1	He	2.329798	2.6	18383.320
Cu	63	1	He	8.967685	1.0	140068.210
Zn	66	1	He	71.343570	0.9	202897.457
As	75	1	He	4.939452	1.0	8684.687
Se	78	2	H2	0.234904	6.5	242.667
Sr	88	1	He	785.970172	1.0	7734508.633
Mo	95	1	He	6.186460	1.2	41033.443
Pd	105	1	He	0.016428	20.8	263.340
Ag	107	1	He	0.002924	24.4	208.333
Cd	111	1	He	0.207143	2.5	716.583
Sn	118	1	He	4.073460	1.1	28920.917
Sb	121	1	He	0.393474	2.5	3588.840
Ba	138	1	He	12.598115	1.4	249026.070
Pt	195	1	He	0.007378	24.4	220.667
Hg	202	1	He	0.020521	10.5	89.000
Tl	205	1	He	-0.040266		595.020
Pb	208	1	He	0.070119	3.9	3480.220
Bi	209	1	He	0.006984	24.4	640.020
Th	232	1	He	0.008864	13.5	548.353
U	238	1	He	8.683900	1.5	315112.177

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	84.28871806	731171.810
Sc	45	2	H2	104.7381211	5108192.333
Ge	72	1	He	87.38401862	417610.430
Ge	72	2	H2	98.48687807	1418094.377
In	115	1	He	89.31421658	3655404.443
Tb	159	1	He	100.3799337	8431897.373
Ir	193	1	He	104.8908738	4204051.293

Sample Name	10638278003_B74455Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	142SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:50:11
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	151.168680	2.4	365145.677
Be	9	2	H2	0.090329	1.1	159.000
B	11	2	H2	221.666222	1.8	307992.493
Na	23	1	He	59394.52465	1.3	125728331.460
Mg	24	1	He	42765.76456	0.1	51009645.907
Al	27	1	He	68.979085	0.8	37364.810
Si	28	2	H2	14459.88663	1.9	63921900.000
K	39	1	He	7568.702781	0.8	8681570.290
Ca	43	1	He	130585.5144	0.6	441535.930
Ti	47	1	He	0.272536	11.4	113.667
V	51	1	He	0.395219	6.0	4307.490
Cr	52	1	He	0.306988	2.5	5933.257
Mn	55	1	He	3087.348769	1.3	27296012.667
Fe	56	1	He	1120.220944	0.8	13292078.000
Co	59	1	He	7.023221	0.8	147873.583
Ni	60	1	He	7.179024	0.5	45880.303
Cu	63	1	He	368.723863	1.6	5660110.167
Zn	66	1	He	3567.875846	1.3	9977855.000
As	75	1	He	21.687235	0.1	37411.900
Se	78	2	H2	0.203863	7.6	216.667
Sr	88	1	He	1013.324878	0.5	9844354.433
Mo	95	1	He	5.411744	1.0	35303.647
Pd	105	1	He	0.024496	9.7	336.677
Ag	107	1	He	0.018176	21.0	471.680
Cd	111	1	He	13.940625	0.6	46124.553
Sn	118	1	He	6.255084	1.8	43494.557
Sb	121	1	He	0.411896	5.1	3687.207
Ba	138	1	He	24.587320	0.2	484137.350
Pt	195	1	He	0.006082	11.7	208.000
Hg	202	1	He	0.026568	12.8	113.667
Tl	205	1	He	-0.036098		710.027
Pb	208	1	He	3.689107	1.9	145161.770
Bi	209	1	He	0.010382	18.7	743.360
Th	232	1	He	0.016285	5.7	808.370
U	238	1	He	13.839483	2.0	497044.537

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.11607484	720999.587
Sc	45	2	H2	104.3637087	5089931.833
Ge	72	1	He	86.26388015	412257.260
Ge	72	2	H2	99.88368580	1438206.753
In	115	1	He	87.83536636	3594878.853
Tb	159	1	He	100.0298537	8402490.710
Ir	193	1	He	103.8237462	4161280.563

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	143_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:53:09
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	89.162106	0.5	203258.347
Be	9	2	H2	86.236524	1.2	130188.177
B	11	2	H2	88.436914	1.2	116733.100
Na	23	1	He	2197.810239	0.8	4687050.450
Mg	24	1	He	2167.064596	0.8	2593901.213
Al	27	1	He	2139.774067	0.6	1121816.163
Si	28	2	H2	1063.208130	0.5	4708149.167
K	39	1	He	2037.204228	0.3	2369557.463
Ca	43	1	He	2092.507437	2.2	7117.990
Ti	47	1	He	82.390923	0.3	33222.570
V	51	1	He	88.785740	0.7	987133.523
Cr	52	1	He	87.929833	0.6	1245025.087
Mn	55	1	He	82.372620	0.8	746367.917
Fe	56	1	He	1034.433208	1.9	12575305.333
Co	59	1	He	87.929601	1.8	1894250.380
Ni	60	1	He	85.478659	0.8	505709.747
Cu	63	1	He	89.344375	1.6	1405486.830
Zn	66	1	He	82.957238	1.3	238468.580
As	75	1	He	81.298012	0.3	143477.200
Se	78	2	H2	83.623433	0.9	77844.987
Sr	88	1	He	82.596175	0.3	822151.343
Mo	95	1	He	82.266485	2.2	554965.207
Pd	105	1	He	86.644256	2.5	863167.880
Ag	107	1	He	50.099215	2.5	906637.097
Cd	111	1	He	84.069733	1.3	287805.697
Sn	118	1	He	83.993002	1.2	600258.483
Sb	121	1	He	83.286930	2.2	739001.940
Ba	138	1	He	83.348822	0.8	1659178.413
Pt	195	1	He	87.711303	0.4	806464.250
Hg	202	1	He	4.241213	1.2	17635.330
Tl	205	1	He	46.865823	2.7	1335323.677
Pb	208	1	He	86.212191	2.9	3550506.767
Bi	209	1	He	85.735800	0.9	2912359.957
Th	232	1	He	91.568193	0.6	3440207.657
U	238	1	He	90.461355	2.5	3415906.930

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	83.39793610	723444.623
Sc	45	2	H2	98.46716910	4802351.167
Ge	72	1	He	88.37061661	422325.407
Ge	72	2	H2	98.47747336	1417958.960
In	115	1	He	90.92648421	3721390.470
Tb	159	1	He	101.1636035	8497725.497
Ir	193	1	He	109.1821093	4376045.037

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	144_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:55:58
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.042064	7.8	150.667
Be	9	2	H2	0.007846	11.1	24.833
B	11	2	H2	3.849341	3.1	6172.640
Na	23	1	He	9.897928	5.0	39066.117
Mg	24	1	He	3.313256	13.9	4147.317
Al	27	1	He	0.553175	15.0	1592.757
Si	28	2	H2	-1.845085		68188.497
K	39	1	He	2.019803	13.0	34800.650
Ca	43	1	He	16.362009	76.7	70.320
Ti	47	1	He	0.016467	67.1	10.333
V	51	1	He	0.014275	164.0	167.880
Cr	52	1	He	-0.038958		1138.050
Mn	55	1	He	0.182598	8.4	1882.130
Fe	56	1	He	0.072155	32.5	11689.517
Co	59	1	He	0.010194	16.5	410.010
Ni	60	1	He	-0.042649		4502.730
Cu	63	1	He	0.039700	12.8	1218.723
Zn	66	1	He	0.297535	21.8	1614.767
As	75	1	He	0.007241	24.5	79.667
Se	78	2	H2	0.032205	10.9	51.667
Sr	88	1	He	0.083005	8.7	925.037
Mo	95	1	He	0.025747	19.4	202.000
Pd	105	1	He	0.007560	72.2	176.667
Ag	107	1	He	0.031905	17.3	721.690
Cd	111	1	He	0.022672	17.0	95.980
Sn	118	1	He	0.057341	28.5	740.027
Sb	121	1	He	0.030984	33.4	428.343
Ba	138	1	He	0.014134	12.6	510.013
Pt	195	1	He	0.008580	52.1	225.333
Hg	202	1	He	0.043201	12.7	177.667
Tl	205	1	He	-0.029920		861.703
Pb	208	1	He	0.021461	10.0	1615.060
Bi	209	1	He	0.014390	11.2	916.710
Th	232	1	He	0.037178	24.9	1633.460
U	238	1	He	0.011427	25.1	501.680

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	79.91237178	693208.710
Sc	45	2	H2	95.98432527	4681260.167
Ge	72	1	He	84.79836024	405253.503
Ge	72	2	H2	94.34005545	1358385.043
In	115	1	He	89.17400396	3649665.897
Tb	159	1	He	97.76603964	8212330.710
Ir	193	1	He	109.0150070	4369347.537

Sample Name	4547909_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	145SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 20:59:03
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.027403	19.4	118.333
Be	9	2	H2	-0.003379		8.333
B	11	2	H2	2.699995	1.1	4723.097
Na	23	1	He	12.212402	3.7	44272.747
Mg	24	1	He	4.846693	9.1	5972.953
Al	27	1	He	71.466554	0.6	37593.727
Si	28	2	H2	-1.120809		70945.000
K	39	1	He	1.557639	16.6	34682.050
Ca	43	1	He	15.699040	6.8	69.177
Ti	47	1	He	0.080059	20.5	35.333
V	51	1	He	0.016177	175.9	190.563
Cr	52	1	He	0.105123	7.4	3099.013
Mn	55	1	He	0.133982	6.4	1463.413
Fe	56	1	He	2.650517	1.8	41814.200
Co	59	1	He	0.000808	52.6	216.667
Ni	60	1	He	-0.031964		4571.443
Cu	63	1	He	0.057288	4.8	1487.420
Zn	66	1	He	2.561596	2.2	7854.207
As	75	1	He	-0.008966		52.333
Se	78	2	H2	0.012472	72.2	34.000
Sr	88	1	He	0.068297	21.6	786.697
Mo	95	1	He	0.013054	13.9	120.000
Pd	105	1	He	0.001535	281.3	120.000
Ag	107	1	He	0.005247	25.6	253.337
Cd	111	1	He	0.009165	22.2	51.657
Sn	118	1	He	0.043897	32.5	656.690
Sb	121	1	He	0.029923	10.4	426.677
Ba	138	1	He	0.019826	9.1	633.353
Pt	195	1	He	0.003620	25.0	185.333
Hg	202	1	He	0.024296	16.5	104.000
Tl	205	1	He	-0.052313		253.340
Pb	208	1	He	0.012193	10.3	1243.367
Bi	209	1	He	0.006459	27.4	653.357
Th	232	1	He	0.011441	12.3	673.360
U	238	1	He	0.001535	28.1	130.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	80.81800781	701064.750
Sc	45	2	H2	96.27063218	4695223.667
Ge	72	1	He	84.95533925	406003.710
Ge	72	2	H2	94.05316518	1354254.163
In	115	1	He	90.66589628	3710725.267
Tb	159	1	He	99.90491794	8391996.123
Ir	193	1	He	109.9391870	4406388.893

Sample Name	4547910_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	146SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:02:09
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	112.113858	0.7	250109.543
Be	9	2	H2	108.363662	0.6	160104.150
B	11	2	H2	106.210811	1.6	136934.530
Na	23	1	He	2268.793053	1.2	4707348.160
Mg	24	1	He	2254.987479	2.0	2626057.147
Al	27	1	He	2280.261456	1.1	1163007.833
Si	28	2	H2	547.174825	1.8	2441664.083
K	39	1	He	2135.724521	1.1	2415294.600
Ca	43	1	He	2131.566203	2.9	7052.713
Ti	47	1	He	100.886834	0.8	39580.063
V	51	1	He	109.531992	2.8	1202475.493
Cr	52	1	He	108.547428	3.0	1516851.790
Mn	55	1	He	100.056453	1.6	895023.667
Fe	56	1	He	2121.791217	1.9	25454355.333
Co	59	1	He	110.212982	2.1	2343970.750
Ni	60	1	He	106.147470	2.0	618827.107
Cu	63	1	He	109.052451	2.5	1693570.250
Zn	66	1	He	102.806755	0.8	291601.720
As	75	1	He	99.728297	1.0	173765.367
Se	78	2	H2	102.763823	1.7	94876.040
Sr	88	1	He	102.799819	2.2	1010200.247
Mo	95	1	He	100.353307	0.5	682843.813
Pd	105	1	He	21.412299	1.7	215233.493
Ag	107	1	He	63.154534	2.4	1152655.973
Cd	111	1	He	100.994534	0.7	348699.183
Sn	118	1	He	100.767564	0.6	726240.950
Sb	121	1	He	102.580392	1.6	918028.453
Ba	138	1	He	102.754545	1.4	2046638.303
Pt	195	1	He	21.941507	0.6	201979.763
Hg	202	1	He	0.026843	4.6	116.000
Tl	205	1	He	118.329021	1.8	3370328.387
Pb	208	1	He	107.372724	2.2	4387756.083
Bi	209	1	He	104.500026	2.5	3521457.033
Th	232	1	He	115.434602	1.0	4302396.707
U	238	1	He	111.811095	1.1	4189483.583

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	81.14187903	703874.207
Sc	45	2	H2	96.36559964	4699855.333
Ge	72	1	He	87.26234946	417028.970
Ge	72	2	H2	97.67707765	1406434.210
In	115	1	He	91.69419517	3752810.933
Tb	159	1	He	101.2215971	8502596.957
Ir	193	1	He	108.3184616	4341429.830

Sample Name	92643529001_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	147SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:04:56
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.037538	11.6	139.667
Be	9	2	H2	0.008721	9.9	26.000
B	11	2	H2	3.213250	5.4	5337.147
Na	23	1	He	50.200414	1.0	121960.467
Mg	24	1	He	6.022922	6.4	7311.920
Al	27	1	He	28.395499	1.6	15673.827
Si	28	2	H2	-0.884028		72270.257
K	39	1	He	15.178939	2.1	49612.517
Ca	43	1	He	33.292258	12.4	126.583
Ti	47	1	He	0.191110	13.1	78.333
V	51	1	He	-6.624524		-70993.690
Cr	52	1	He	294.627601	0.9	4020693.083
Mn	55	1	He	0.173897	3.4	1817.457
Fe	56	1	He	8.320031	1.0	108395.423
Co	59	1	He	0.012988	18.8	470.677
Ni	60	1	He	303.656566	1.6	1720961.167
Cu	63	1	He	453.914079	0.9	6886178.833
Zn	66	1	He	406.805153	1.1	1125080.793
As	75	1	He	0.007947	42.0	81.333
Se	78	2	H2	0.041432	9.4	60.000
Sr	88	1	He	0.093454	14.1	1030.047
Mo	95	1	He	0.030470	16.3	236.667
Pd	105	1	He	0.005320	59.6	156.667
Ag	107	1	He	2.177265	1.1	39361.647
Cd	111	1	He	0.026925	14.1	111.977
Sn	118	1	He	0.187771	9.6	1678.457
Sb	121	1	He	0.048000	7.8	585.020
Ba	138	1	He	0.094446	5.2	2110.187
Pt	195	1	He	0.007295	39.6	220.000
Hg	202	1	He	0.018722	7.4	81.667
Tl	205	1	He	0.004702	297.5	1860.157
Pb	208	1	He	0.083336	3.6	4148.630
Bi	209	1	He	0.019498	7.4	1086.723
Th	232	1	He	0.071977	16.5	2940.373
U	238	1	He	0.015099	10.8	638.357

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	80.49264259	698242.333
Sc	45	2	H2	95.53991924	4659586.000
Ge	72	1	He	85.25949193	407457.263
Ge	72	2	H2	94.47009207	1360257.417
In	115	1	He	90.45984019	3702291.913
Tb	159	1	He	100.3749362	8431477.583
Ir	193	1	He	108.7876558	4360235.247

Sample Name	4549389_B74447Dx5
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	148SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:07:56
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.017150	2.0	93.667
Be	9	2	H2	-0.003145		8.500
B	11	2	H2	1.734618	4.6	3422.903
Na	23	1	He	12.988035	2.9	44817.580
Mg	24	1	He	3.839710	8.0	4695.810
Al	27	1	He	8.929774	2.2	5726.807
Si	28	2	H2	-4.413657		56382.480
K	39	1	He	3.076260	8.9	35534.077
Ca	43	1	He	13.480182	15.3	60.467
Ti	47	1	He	0.043789	19.1	20.667
V	51	1	He	-1.548283		-16429.897
Cr	52	1	He	55.397670	1.0	750061.253
Mn	55	1	He	0.067484	9.5	878.697
Fe	56	1	He	1.391345	1.3	26947.593
Co	59	1	He	0.000254	479.4	204.000
Ni	60	1	He	56.671821	1.3	321931.907
Cu	63	1	He	91.172182	1.5	1370298.250
Zn	66	1	He	77.310098	1.4	212382.560
As	75	1	He	-0.003723		60.833
Se	78	2	H2	0.008437	86.4	30.000
Sr	88	1	He	0.042377	12.9	535.013
Mo	95	1	He	0.007565	26.8	82.000
Pd	105	1	He	-0.003189		71.667
Ag	107	1	He	0.421952	3.5	7678.890
Cd	111	1	He	0.010651	26.4	55.990
Sn	118	1	He	0.043591	24.2	646.687
Sb	121	1	He	0.017586	46.2	313.340
Ba	138	1	He	0.040261	8.1	1018.380
Pt	195	1	He	0.001110	189.3	160.000
Hg	202	1	He	0.015277	7.2	66.000
Tl	205	1	He	-0.048190		363.343
Pb	208	1	He	0.025610	13.3	1763.393
Bi	209	1	He	0.008269	10.4	700.027
Th	232	1	He	0.017580	27.0	885.040
U	238	1	He	0.002416	28.4	160.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	78.96141421	684959.523
Sc	45	2	H2	94.38467201	4603243.333
Ge	72	1	He	84.43679487	403525.573
Ge	72	2	H2	92.57381918	1332953.333
In	115	1	He	89.56970500	3665860.937
Tb	159	1	He	98.34113255	8260638.417
Ir	193	1	He	107.6341391	4314002.020

Sample Name	4547911_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	149SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:11:00
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	114.340341	2.9	250112.727
Be	9	2	H2	110.650429	3.3	160289.473
B	11	2	H2	108.390329	3.4	137003.157
Na	23	1	He	2296.189551	0.9	4712357.220
Mg	24	1	He	2238.711781	1.0	2579137.253
Al	27	1	He	2264.756185	1.1	1142704.250
Si	28	2	H2	567.299798	1.7	2457847.583
K	39	1	He	2154.420788	1.0	2409933.037
Ca	43	1	He	2164.726149	0.7	7085.540
Ti	47	1	He	102.440440	0.6	39755.543
V	51	1	He	96.134402	4.7	1040059.430
Cr	52	1	He	392.004061	1.9	5395117.167
Mn	55	1	He	101.586933	1.3	895571.873
Fe	56	1	He	2160.840296	1.4	25549609.333
Co	59	1	He	112.747787	0.7	2363426.000
Ni	60	1	He	406.236324	2.2	2320456.500
Cu	63	1	He	551.707883	1.8	8441748.333
Zn	66	1	He	495.994093	1.2	1383292.207
As	75	1	He	100.925336	0.2	173300.700
Se	78	2	H2	105.072899	2.2	94283.363
Sr	88	1	He	106.269360	1.6	1029302.147
Mo	95	1	He	102.894106	0.4	682373.020
Pd	105	1	He	21.828038	1.4	213846.547
Ag	107	1	He	66.968253	2.5	1191231.417
Cd	111	1	He	103.877518	1.1	349548.720
Sn	118	1	He	104.153764	2.2	731514.963
Sb	121	1	He	105.547177	1.0	920599.907
Ba	138	1	He	105.425932	1.1	2061921.793
Pt	195	1	He	22.458271	1.3	203001.913
Hg	202	1	He	0.020837	19.4	89.333
Tl	205	1	He	119.722926	1.2	3348983.700
Pb	208	1	He	107.177527	2.0	4403652.280
Bi	209	1	He	106.298231	1.0	3602064.323
Th	232	1	He	114.778600	2.3	4301211.913
U	238	1	He	110.631482	3.2	4167439.310

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	80.26696675	696284.683
Sc	45	2	H2	94.54242257	4610937.000
Ge	72	1	He	85.99024137	410949.533
Ge	72	2	H2	94.98518630	1367674.163
In	115	1	He	89.36590583	3657519.953
Tb	159	1	He	99.39781624	8349399.667
Ir	193	1	He	108.9172474	4365429.310

Sample Name	4547912_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	150SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:13:45
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	109.901250	0.6	244808.910
Be	9	2	H2	106.195955	1.0	156666.290
B	11	2	H2	105.456710	1.9	135768.787
Na	23	1	He	2248.180611	2.0	4627933.160
Mg	24	1	He	2185.037927	1.1	2524823.767
Al	27	1	He	2205.319041	1.4	1116200.497
Si	28	2	H2	555.723734	2.1	2430836.833
K	39	1	He	2125.536722	1.0	2385297.360
Ca	43	1	He	2132.247618	1.8	7000.393
Ti	47	1	He	101.277705	0.7	39423.620
V	51	1	He	93.916781	3.7	1019596.527
Cr	52	1	He	378.600064	0.6	5228805.667
Mn	55	1	He	100.280077	0.3	887176.313
Fe	56	1	He	2098.902597	0.8	24903083.333
Co	59	1	He	109.453330	0.3	2302360.583
Ni	60	1	He	390.396995	2.0	2237938.667
Cu	63	1	He	546.534011	0.1	8391945.333
Zn	66	1	He	493.853271	0.6	1382153.040
As	75	1	He	100.988390	0.8	174011.020
Se	78	2	H2	102.640379	2.1	92932.420
Sr	88	1	He	103.088426	1.1	1001934.307
Mo	95	1	He	103.275923	1.3	682345.063
Pd	105	1	He	22.002837	1.3	214756.327
Ag	107	1	He	67.359114	1.2	1193873.317
Cd	111	1	He	102.984127	1.5	345249.630
Sn	118	1	He	104.474829	0.4	731116.370
Sb	121	1	He	105.398684	0.6	915953.687
Ba	138	1	He	101.151039	3.4	1987706.323
Pt	195	1	He	22.102221	1.7	200763.017
Hg	202	1	He	0.017462	10.5	76.000
Tl	205	1	He	118.724467	2.3	3337739.740
Pb	208	1	He	107.144743	0.2	4363082.623
Bi	209	1	He	104.835762	0.0	3520515.573
Th	232	1	He	114.440611	1.7	4250117.857
U	238	1	He	111.294485	1.5	4155507.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	80.51379397	698425.813
Sc	45	2	H2	96.22367813	4692933.667
Ge	72	1	He	86.29041555	412384.073
Ge	72	2	H2	95.84474196	1380050.747
In	115	1	He	89.03816144	3644106.207
Tb	159	1	He	99.90176321	8391731.127
Ir	193	1	He	107.9282730	4325790.980

Sample Name	92643529001_B74447Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	151SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:16:32
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.027785	11.7	117.167
Be	9	2	H2	0.009819	28.0	27.333
B	11	2	H2	2.773086	4.8	4735.103
Na	23	1	He	2.613747	3.9	23829.700
Mg	24	1	He	2.350164	5.2	2992.007
Al	27	1	He	1.683640	3.4	2123.157
Si	28	2	H2	-4.468617		56625.683
K	39	1	He	0.416659	95.1	32475.187
Ca	43	1	He	3.445829	50.2	28.090
Ti	47	1	He	0.037071	7.8	18.000
V	51	1	He	-0.470730		-4909.007
Cr	52	1	He	14.199630	1.0	190540.963
Mn	55	1	He	0.034294	1.8	582.677
Fe	56	1	He	0.386106	6.5	15047.330
Co	59	1	He	0.012981	5.3	458.677
Ni	60	1	He	14.499640	0.8	84575.743
Cu	63	1	He	22.943701	0.9	340043.177
Zn	66	1	He	19.887340	1.2	54382.587
As	75	1	He	0.011751	50.6	85.667
Se	78	2	H2	0.049900	25.1	66.667
Sr	88	1	He	0.020970	10.9	326.677
Mo	95	1	He	0.025860	9.2	201.333
Pd	105	1	He	0.002736	72.3	128.333
Ag	107	1	He	0.134292	7.4	2525.260
Cd	111	1	He	0.028091	11.5	113.647
Sn	118	1	He	0.047145	11.4	665.023
Sb	121	1	He	0.034880	10.7	460.010
Ba	138	1	He	0.045010	7.9	1098.387
Pt	195	1	He	0.003685	67.8	181.333
Hg	202	1	He	0.013029	6.7	56.333
Tl	205	1	He	0.017286	78.4	2151.870
Pb	208	1	He	0.026999	11.7	1803.397
Bi	209	1	He	0.022268	7.8	1158.397
Th	232	1	He	0.068693	17.4	2757.000
U	238	1	He	0.018025	13.5	735.027

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	78.54334741	681332.957
Sc	45	2	H2	94.62753788	4615088.167
Ge	72	1	He	83.15022218	397377.010
Ge	72	2	H2	93.40167664	1344873.500
In	115	1	He	88.63784395	3627722.227
Tb	159	1	He	97.29076094	8172407.380
Ir	193	1	He	106.7034253	4276698.790

Sample Name	4549389_B74447Dx100
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	152SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:19:38
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.014109	6.0	86.833
Be	9	2	H2	-0.002218		9.833
B	11	2	H2	1.614801	2.6	3266.367
Na	23	1	He	0.708258	20.1	20085.673
Mg	24	1	He	2.101240	3.0	2720.277
Al	27	1	He	3.342482	1.1	2950.973
Si	28	2	H2	-3.892435		58549.720
K	39	1	He	-0.428646		31666.747
Ca	43	1	He	1.969171	70.4	23.447
Ti	47	1	He	0.017650	22.5	10.667
V	51	1	He	-0.157474		-1621.050
Cr	52	1	He	2.945659	1.6	40539.763
Mn	55	1	He	0.031531	3.0	555.343
Fe	56	1	He	-0.075855		9701.340
Co	59	1	He	0.002400	77.2	242.667
Ni	60	1	He	3.013258	1.2	21113.110
Cu	63	1	He	4.855301	1.3	71939.313
Zn	66	1	He	4.173736	1.6	11948.437
As	75	1	He	-0.005537		56.500
Se	78	2	H2	0.007257	53.3	29.000
Sr	88	1	He	0.011182	8.2	233.333
Mo	95	1	He	0.006253	34.2	72.000
Pd	105	1	He	-0.000959		91.667
Ag	107	1	He	0.031508	12.3	706.693
Cd	111	1	He	0.012570	12.1	61.323
Sn	118	1	He	0.023683	6.5	498.343
Sb	121	1	He	0.017621	13.9	308.343
Ba	138	1	He	0.031005	5.7	821.697
Pt	195	1	He	-0.001636		132.667
Hg	202	1	He	0.013450	15.9	57.333
Tl	205	1	He	-0.043149		491.680
Pb	208	1	He	0.011943	12.9	1208.363
Bi	209	1	He	0.009034	45.4	725.027
Th	232	1	He	0.020276	23.2	986.717
U	238	1	He	0.005151	14.2	261.673

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	78.80410148	683594.897
Sc	45	2	H2	94.19614160	4594048.500
Ge	72	1	He	82.57767656	394640.800
Ge	72	2	H2	92.70933658	1334904.623
In	115	1	He	88.07188032	3604558.770
Tb	159	1	He	96.32823915	8091555.713
Ir	193	1	He	107.6599987	4315038.480

Sample Name	92643529002_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	153SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:22:43
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.016481	27.9	92.000
Be	9	2	H2	-0.003505		8.000
B	11	2	H2	1.421772	4.9	3029.150
Na	23	1	He	26.808593	1.4	72805.813
Mg	24	1	He	3.055232	3.9	3817.197
Al	27	1	He	19.191085	0.7	10843.737
Si	28	2	H2	-1.517365		69438.817
K	39	1	He	1.866169	17.6	34314.427
Ca	43	1	He	14.385049	9.0	63.543
Ti	47	1	He	0.196916	13.3	79.333
V	51	1	He	-14.086696		-148597.703
Cr	52	1	He	446.755441	0.9	5995729.500
Mn	55	1	He	0.108738	2.3	1227.393
Fe	56	1	He	10.621114	1.0	133130.383
Co	59	1	He	0.011712	8.3	436.677
Ni	60	1	He	434.514801	1.6	2420152.417
Cu	63	1	He	403.777065	1.4	6025192.000
Zn	66	1	He	386.545369	1.0	1051449.627
As	75	1	He	-0.005081		58.167
Se	78	2	H2	0.001927	81.0	24.667
Sr	88	1	He	0.031271	0.6	426.677
Mo	95	1	He	0.040027	14.7	296.003
Pd	105	1	He	-0.001624		86.667
Ag	107	1	He	2.025452	2.5	36081.050
Cd	111	1	He	0.014713	3.4	69.303
Sn	118	1	He	0.125940	6.1	1220.067
Sb	121	1	He	0.030021	6.4	420.010
Ba	138	1	He	0.105573	6.1	2285.213
Pt	195	1	He	0.004359	90.9	189.333
Hg	202	1	He	0.014194	20.1	61.667
Tl	205	1	He	-0.048483		355.010
Pb	208	1	He	0.055593	1.8	2996.830
Bi	209	1	He	0.010883	12.0	791.697
Th	232	1	He	0.012778	28.2	713.363
U	238	1	He	0.002662	7.4	170.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	79.17784044	686836.937
Sc	45	2	H2	94.37640550	4602840.167
Ge	72	1	He	83.85397937	400740.283
Ge	72	2	H2	94.30812551	1357925.290
In	115	1	He	89.11704425	3647334.680
Tb	159	1	He	98.53497973	8276921.547
Ir	193	1	He	108.2508238	4338718.890

Sample Name	92643529002_B74447Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	154SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:25:43
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.007022	25.7	70.500
Be	9	2	H2	-0.004479		6.500
B	11	2	H2	0.888047	3.7	2329.687
Na	23	1	He	0.762008	27.5	19773.600
Mg	24	1	He	1.556201	2.6	2060.167
Al	27	1	He	1.285687	3.1	1893.127
Si	28	2	H2	-3.470495		59592.107
K	39	1	He	0.145783	92.4	31618.327
Ca	43	1	He	0.734224	68.5	19.077
Ti	47	1	He	0.022742	38.7	12.333
V	51	1	He	-0.778196		-8002.847
Cr	52	1	He	22.139159	0.8	291869.803
Mn	55	1	He	0.014506	19.0	408.010
Fe	56	1	He	0.218921	5.2	12946.607
Co	59	1	He	0.000026	3915.3	193.333
Ni	60	1	He	20.937880	0.7	118320.350
Cu	63	1	He	20.212800	1.1	295293.997
Zn	66	1	He	19.401145	1.4	52302.830
As	75	1	He	-0.009668		49.333
Se	78	2	H2	0.006548	36.0	28.000
Sr	88	1	He	0.002887	39.0	155.000
Mo	95	1	He	0.004451	70.5	60.000
Pd	105	1	He	-0.001447		86.667
Ag	107	1	He	0.105653	7.1	2001.830
Cd	111	1	He	0.007135	16.2	43.327
Sn	118	1	He	0.015092	54.3	438.343
Sb	121	1	He	0.012594	23.0	265.003
Ba	138	1	He	0.028305	5.9	783.363
Pt	195	1	He	-0.002414		128.000
Hg	202	1	He	0.011618	5.7	51.000
Tl	205	1	He	-0.053754		208.333
Pb	208	1	He	0.010353	28.8	1133.360
Bi	209	1	He	0.005857	49.3	613.357
Th	232	1	He	0.005712	31.8	443.343
U	238	1	He	0.002142	37.5	148.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	77.16760113	669398.893
Sc	45	2	H2	93.03544716	4537440.167
Ge	72	1	He	81.94141640	391600.097
Ge	72	2	H2	91.60314905	1318976.833
In	115	1	He	87.95178875	3599643.727
Tb	159	1	He	97.90215353	8223764.253
Ir	193	1	He	106.8023207	4280662.540

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	155_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:28:49
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	90.291252	1.2	199969.917
Be	9	2	H2	86.362065	1.6	126661.923
B	11	2	H2	84.171437	1.0	108005.290
Na	23	1	He	2191.893233	3.5	4410080.143
Mg	24	1	He	2208.055203	4.2	2493204.340
Al	27	1	He	2168.615343	2.4	1072651.167
Si	28	2	H2	1093.258002	4.6	4584013.167
K	39	1	He	2090.937926	2.6	2293986.843
Ca	43	1	He	2075.790031	0.9	6661.827
Ti	47	1	He	83.365968	1.7	31716.487
V	51	1	He	86.456310	1.0	919159.507
Cr	52	1	He	87.433316	1.6	1183861.710
Mn	55	1	He	82.352021	1.0	713522.563
Fe	56	1	He	1037.162698	1.2	12056656.000
Co	59	1	He	88.221919	1.2	1817358.623
Ni	60	1	He	85.045622	1.0	481154.627
Cu	63	1	He	88.610568	0.1	1333001.123
Zn	66	1	He	81.882014	0.6	225093.050
As	75	1	He	81.415230	0.6	137397.957
Se	78	2	H2	84.842674	2.6	74829.937
Sr	88	1	He	82.580174	0.5	786032.803
Mo	95	1	He	80.847620	2.0	532605.733
Pd	105	1	He	85.256715	1.6	829462.307
Ag	107	1	He	49.686266	1.6	878122.150
Cd	111	1	He	82.885937	1.7	277074.730
Sn	118	1	He	83.773597	1.4	584601.167
Sb	121	1	He	83.146056	1.9	720454.497
Ba	138	1	He	83.238049	1.7	1619183.513
Pt	195	1	He	88.512424	0.5	795203.877
Hg	202	1	He	4.276313	0.4	17373.980
Tl	205	1	He	47.030680	0.7	1309384.850
Pb	208	1	He	85.668100	1.6	3485834.063
Bi	209	1	He	85.551412	2.0	2871020.687
Th	232	1	He	92.283907	1.2	3424759.847
U	238	1	He	90.447602	0.9	3374409.637

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	78.69554982	682653.253
Sc	45	2	H2	95.66601170	4665735.667
Ge	72	1	He	84.50708466	403861.490
Ge	72	2	H2	93.34282920	1344026.167
In	115	1	He	88.78376210	3633694.287
Tb	159	1	He	98.84586821	8303036.127
Ir	193	1	He	107.8523939	4322749.727

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	156_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:31:39
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.025022	32.1	109.500
Be	9	2	H2	0.010520	14.3	28.000
B	11	2	H2	1.318612	4.5	2874.953
Na	23	1	He	-0.057790		18193.190
Mg	24	1	He	0.468221	4.5	856.697
Al	27	1	He	0.591921	23.2	1559.087
Si	28	2	H2	-5.777740		50597.670
K	39	1	He	-0.180709		31320.967
Ca	43	1	He	0.176376	711.7	17.323
Ti	47	1	He	0.015511	55.3	9.667
V	51	1	He	-0.019421		-182.147
Cr	52	1	He	-0.015538		1392.740
Mn	55	1	He	0.029937	19.0	532.010
Fe	56	1	He	0.074970	23.2	11210.467
Co	59	1	He	0.014767	12.7	482.677
Ni	60	1	He	-0.025047		4402.697
Cu	63	1	He	0.042706	13.9	1209.390
Zn	66	1	He	0.022790	53.9	823.363
As	75	1	He	0.010300	6.6	81.167
Se	78	2	H2	0.021744	30.4	41.333
Sr	88	1	He	0.015073	38.6	265.003
Mo	95	1	He	0.020644	12.4	164.000
Pd	105	1	He	0.014909	11.4	241.667
Ag	107	1	He	0.037285	26.3	796.700
Cd	111	1	He	0.022196	15.8	91.983
Sn	118	1	He	0.027856	66.1	518.347
Sb	121	1	He	0.024427	22.7	361.677
Ba	138	1	He	0.015007	23.2	516.680
Pt	195	1	He	0.016611	23.6	291.337
Hg	202	1	He	0.040288	9.2	163.000
Tl	205	1	He	-0.025926		955.047
Pb	208	1	He	0.022548	14.8	1631.723
Bi	209	1	He	0.017508	6.4	1005.053
Th	232	1	He	0.043017	21.4	1818.487
U	238	1	He	0.013448	2.9	568.353

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	77.29322444	670488.627
Sc	45	2	H2	93.51467231	4560812.500
Ge	72	1	He	81.11473108	387649.347
Ge	72	2	H2	92.22683763	1327957.210
In	115	1	He	86.96050127	3559072.843
Tb	159	1	He	95.97684213	8062038.423
Ir	193	1	He	107.1683546	4295333.267

Sample Name	92643529003_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	157SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:34:44
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.009607	16.8	76.667
Be	9	2	H2	-0.001959		10.167
B	11	2	H2	0.987896	4.5	2472.210
Na	23	1	He	20.648905	0.3	59378.267
Mg	24	1	He	3.502889	1.7	4253.993
Al	27	1	He	34.853901	0.5	18319.253
Si	28	2	H2	-3.355830		60291.720
K	39	1	He	6.254910	7.9	38434.923
Ca	43	1	He	21.428411	1.2	84.787
Ti	47	1	He	0.181920	10.8	72.333
V	51	1	He	-15.627063		-163597.870
Cr	52	1	He	414.912746	0.5	5526834.500
Mn	55	1	He	0.118550	5.3	1302.067
Fe	56	1	He	10.257448	1.2	127974.867
Co	59	1	He	0.007893	11.2	356.010
Ni	60	1	He	397.340619	1.5	2197007.083
Cu	63	1	He	419.722806	2.8	6215655.333
Zn	66	1	He	402.468967	1.9	1086520.040
As	75	1	He	-0.004616		58.500
Se	78	2	H2	0.011181	48.9	32.000
Sr	88	1	He	0.020236	14.4	320.010
Mo	95	1	He	0.023251	8.3	182.000
Pd	105	1	He	0.001186	283.4	111.667
Ag	107	1	He	3.087969	0.7	54014.687
Cd	111	1	He	0.013399	28.0	63.647
Sn	118	1	He	0.136744	9.7	1273.407
Sb	121	1	He	0.020674	16.8	333.343
Ba	138	1	He	0.082201	2.9	1825.143
Pt	195	1	He	0.009466	34.9	234.000
Hg	202	1	He	0.025432	7.2	106.667
Tl	205	1	He	-0.047417		383.343
Pb	208	1	He	0.292782	2.6	12572.473
Bi	209	1	He	0.011002	25.5	788.367
Th	232	1	He	0.018169	12.7	905.040
U	238	1	He	0.004485	24.2	236.670

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	77.85565583	675367.500
Sc	45	2	H2	93.80643327	4575042.000
Ge	72	1	He	83.22709281	397744.377
Ge	72	2	H2	91.99048693	1324554.040
In	115	1	He	87.64086412	3586918.370
Tb	159	1	He	98.06693557	8237605.917
Ir	193	1	He	107.3331829	4301939.623

Sample Name	92643529003_B74447Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	158SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:37:44
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.004068	68.9	63.500
Be	9	2	H2	-0.005022		5.667
B	11	2	H2	0.509696	2.3	1843.620
Na	23	1	He	0.376763	47.5	18977.540
Mg	24	1	He	1.697477	6.8	2211.853
Al	27	1	He	1.954950	6.4	2212.837
Si	28	2	H2	-6.487148		47498.270
K	39	1	He	0.388772	135.4	31808.753
Ca	43	1	He	1.751078	65.0	22.230
Ti	47	1	He	0.018287	58.9	10.667
V	51	1	He	-0.418227		-4270.000
Cr	52	1	He	18.850270	2.4	247486.833
Mn	55	1	He	0.063745	4.7	817.360
Fe	56	1	He	0.180777	4.2	12454.167
Co	59	1	He	0.001114	26.1	214.000
Ni	60	1	He	17.719112	2.3	100323.287
Cu	63	1	He	18.908641	2.2	274877.353
Zn	66	1	He	18.354756	2.9	49271.280
As	75	1	He	-0.010130		48.333
Se	78	2	H2	0.005388	97.3	27.000
Sr	88	1	He	0.003332	174.4	158.333
Mo	95	1	He	0.004763	27.4	61.333
Pd	105	1	He	-0.000661		93.333
Ag	107	1	He	0.154897	4.8	2823.653
Cd	111	1	He	0.007777	41.8	44.657
Sn	118	1	He	0.017283	15.4	446.677
Sb	121	1	He	0.012650	11.2	261.673
Ba	138	1	He	0.026499	7.8	741.693
Pt	195	1	He	0.000237	1228.4	150.000
Hg	202	1	He	0.019419	10.8	81.667
Tl	205	1	He	-0.053742		206.667
Pb	208	1	He	0.022562	5.5	1625.053
Bi	209	1	He	0.008036	19.2	686.690
Th	232	1	He	0.007498	2.4	508.343
U	238	1	He	0.001550	18.8	126.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	77.00643155	668000.810
Sc	45	2	H2	92.06995031	4490351.833
Ge	72	1	He	81.52874020	389627.907
Ge	72	2	H2	91.79254565	1321703.920
In	115	1	He	86.66299404	3546896.627
Tb	159	1	He	97.01419784	8149176.127
Ir	193	1	He	106.7332613	4277894.623

Sample Name	92643529004_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	159SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:40:50
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.005051	10.5	66.500
Be	9	2	H2	-0.005330		5.333
B	11	2	H2	0.608189	5.3	1990.470
Na	23	1	He	45.834982	1.7	108795.337
Mg	24	1	He	2.918421	5.7	3583.807
Al	27	1	He	12.151311	1.1	7187.460
Si	28	2	H2	-3.850954		58871.587
K	39	1	He	1.787902	18.6	33499.210
Ca	43	1	He	12.865691	15.3	57.397
Ti	47	1	He	0.169421	17.6	67.333
V	51	1	He	-8.659464		-90270.787
Cr	52	1	He	326.444076	1.3	4334719.500
Mn	55	1	He	0.075065	4.2	928.033
Fe	56	1	He	7.720434	0.7	98634.000
Co	59	1	He	0.003305	35.1	262.000
Ni	60	1	He	378.775613	1.5	2087795.583
Cu	63	1	He	389.962222	0.7	5756738.333
Zn	66	1	He	258.657527	1.3	696332.293
As	75	1	He	-0.007325		53.833
Se	78	2	H2	0.002728	112.8	25.000
Sr	88	1	He	0.012493	7.0	246.667
Mo	95	1	He	0.012443	36.3	112.000
Pd	105	1	He	-0.000250		98.333
Ag	107	1	He	3.934940	0.9	68855.923
Cd	111	1	He	0.008895	35.3	48.990
Sn	118	1	He	0.093407	2.6	976.707
Sb	121	1	He	0.023383	31.2	356.677
Ba	138	1	He	0.111350	3.3	2390.240
Pt	195	1	He	0.005390	22.5	198.000
Hg	202	1	He	0.017973	20.5	76.667
Tl	205	1	He	-0.054928		176.667
Pb	208	1	He	0.042905	5.2	2478.443
Bi	209	1	He	0.007075	22.5	663.360
Th	232	1	He	0.005795	30.5	451.680
U	238	1	He	0.001327	28.1	120.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	77.48883092	672185.437
Sc	45	2	H2	93.34250406	4552415.667
Ge	72	1	He	82.95657949	396451.587
Ge	72	2	H2	92.86419909	1337134.460
In	115	1	He	87.71790954	3590071.643
Tb	159	1	He	98.17266995	8246487.587
Ir	193	1	He	108.2141682	4337249.727

Sample Name	92643529004_B74447Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	160SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:43:51
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.002373	86.0	60.333
Be	9	2	H2	-0.006221		4.000
B	11	2	H2	0.255909	19.1	1545.413
Na	23	1	He	0.628417	35.4	19219.547
Mg	24	1	He	1.473972	4.2	1940.150
Al	27	1	He	0.415207	34.3	1449.410
Si	28	2	H2	-4.832885		54813.957
K	39	1	He	0.259775	240.0	31264.200
Ca	43	1	He	0.785925	108.7	18.943
Ti	47	1	He	0.009590	113.9	7.333
V	51	1	He	-0.423601		-4285.420
Cr	52	1	He	13.830631	4.4	180288.433
Mn	55	1	He	0.010227	36.7	366.677
Fe	56	1	He	0.001310	1036.1	10343.130
Co	59	1	He	-0.000508		180.000
Ni	60	1	He	16.133639	4.7	90885.897
Cu	63	1	He	17.191286	3.8	247599.033
Zn	66	1	He	11.203847	4.6	30087.473
As	75	1	He	-0.008497		50.500
Se	78	2	H2	0.002703	407.7	25.000
Sr	88	1	He	0.002218	39.3	146.667
Mo	95	1	He	0.002938	52.1	49.333
Pd	105	1	He	0.000804	267.4	106.667
Ag	107	1	He	0.172519	15.1	3108.723
Cd	111	1	He	0.007912	4.1	44.997
Sn	118	1	He	0.007203	50.8	376.677
Sb	121	1	He	0.011776	49.7	253.337
Ba	138	1	He	0.028814	4.1	791.697
Pt	195	1	He	-0.000431		145.333
Hg	202	1	He	0.015376	6.6	66.000
Tl	205	1	He	-0.056533		131.667
Pb	208	1	He	0.008300	25.5	1046.690
Bi	209	1	He	0.005514	23.7	600.020
Th	232	1	He	0.003606	40.8	363.343
U	238	1	He	0.001065	35.8	108.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.01957688	659440.230
Sc	45	2	H2	92.72346247	4522224.333
Ge	72	1	He	80.74828676	385898.100
Ge	72	2	H2	92.93617260	1338170.793
In	115	1	He	86.31995072	3532856.733
Tb	159	1	He	97.71291203	8207868.000
Ir	193	1	He	106.2259872	4257562.957

Sample Name	92643529005_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	161SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:46:56
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.001908	126.5	59.667
Be	9	2	H2	-0.005769		4.667
B	11	2	H2	0.392406	4.5	1725.437
Na	23	1	He	13.567976	0.4	45096.890
Mg	24	1	He	3.128841	5.0	3815.540
Al	27	1	He	19.146227	0.8	10583.877
Si	28	2	H2	-2.145394		65842.080
K	39	1	He	1.135974	61.0	32784.350
Ca	43	1	He	10.944763	28.1	51.310
Ti	47	1	He	0.194453	13.4	76.667
V	51	1	He	-9.014093		-93736.107
Cr	52	1	He	272.065345	1.3	3600176.250
Mn	55	1	He	0.102813	12.4	1159.383
Fe	56	1	He	10.075504	0.6	125044.967
Co	59	1	He	0.003289	40.1	260.667
Ni	60	1	He	364.183838	2.9	2000233.087
Cu	63	1	He	390.082589	3.2	5737690.000
Zn	66	1	He	335.886611	1.4	900769.253
As	75	1	He	-0.011867		46.167
Se	78	2	H2	0.008453	50.4	30.000
Sr	88	1	He	0.005588	55.7	181.667
Mo	95	1	He	0.036216	11.3	266.000
Pd	105	1	He	-0.002322		78.333
Ag	107	1	He	10.905639	0.7	190002.867
Cd	111	1	He	0.007208	53.1	43.307
Sn	118	1	He	0.090656	8.4	955.043
Sb	121	1	He	0.026450	45.7	381.677
Ba	138	1	He	0.077500	8.7	1728.463
Pt	195	1	He	0.007077	21.4	212.000
Hg	202	1	He	0.015642	12.9	67.000
Tl	205	1	He	-0.056775		125.000
Pb	208	1	He	0.042339	9.7	2435.113
Bi	209	1	He	0.004838	26.2	583.353
Th	232	1	He	0.003497	14.4	363.343
U	238	1	He	0.000680	42.9	95.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	77.43908344	671753.897
Sc	45	2	H2	93.40898129	4555657.833
Ge	72	1	He	82.66654196	395065.490
Ge	72	2	H2	92.86548947	1337153.040
In	115	1	He	87.46225171	3579608.217
Tb	159	1	He	97.70686047	8207359.670
Ir	193	1	He	107.3365953	4302076.393

Sample Name	92643529005_B74447Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	162SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:49:57
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.003896	29.9	62.833
Be	9	2	H2	-0.005478		5.000
B	11	2	H2	0.063239	13.6	1293.393
Na	23	1	He	-1.313803		15590.153
Mg	24	1	He	1.081728	8.8	1525.093
Al	27	1	He	0.676234	10.2	1587.090
Si	28	2	H2	-5.081502		52741.370
K	39	1	He	-0.029268		31220.690
Ca	43	1	He	-0.210966		16.023
Ti	47	1	He	0.014916	94.6	9.333
V	51	1	He	-0.485848		-4902.953
Cr	52	1	He	12.755943	1.3	165832.177
Mn	55	1	He	0.005689	20.3	328.010
Fe	56	1	He	0.145379	13.7	11902.353
Co	59	1	He	-0.001635		157.333
Ni	60	1	He	16.842165	2.1	94355.847
Cu	63	1	He	18.561725	2.1	266380.137
Zn	66	1	He	16.013792	2.4	42533.420
As	75	1	He	-0.009324		49.000
Se	78	2	H2	0.002355	329.7	24.333
Sr	88	1	He	-0.000124		125.000
Mo	95	1	He	0.000782	234.8	35.333
Pd	105	1	He	0.000531	76.7	103.333
Ag	107	1	He	0.508615	4.1	8824.580
Cd	111	1	He	0.002946	30.0	28.667
Sn	118	1	He	0.000212	661.0	326.677
Sb	121	1	He	0.011216	10.6	246.667
Ba	138	1	He	0.023587	7.4	686.690
Pt	195	1	He	-0.001819		132.000
Hg	202	1	He	0.013312	22.0	57.333
Tl	205	1	He	-0.058072		88.333
Pb	208	1	He	0.006128	31.9	961.687
Bi	209	1	He	0.002849	48.2	513.350
Th	232	1	He	0.001150	114.8	275.007
U	238	1	He	-0.000480		51.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.65521041	664954.103
Sc	45	2	H2	91.68252134	4471456.500
Ge	72	1	He	80.47720498	384602.593
Ge	72	2	H2	91.03770902	1310835.167
In	115	1	He	85.66340578	3505986.013
Tb	159	1	He	97.00512294	8148413.837
Ir	193	1	He	106.6642071	4275126.913

Sample Name	92643529006_B74447Dx1
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	163SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:53:03
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.002146		51.833
Be	9	2	H2	-0.006488		3.667
B	11	2	H2	0.197901	6.8	1507.580
Na	23	1	He	28.082339	1.5	74382.320
Mg	24	1	He	2.787873	2.7	3467.117
Al	27	1	He	22.810386	0.7	12476.727
Si	28	2	H2	-3.346504		60809.603
K	39	1	He	2.630317	17.2	34683.700
Ca	43	1	He	21.196777	7.6	84.350
Ti	47	1	He	0.157301	9.7	63.333
V	51	1	He	-5.809864		-60583.290
Cr	52	1	He	229.777579	2.0	3053488.583
Mn	55	1	He	0.092767	3.4	1079.377
Fe	56	1	He	10.120023	2.8	126051.830
Co	59	1	He	0.000749	258.6	210.667
Ni	60	1	He	277.022658	0.6	1529027.127
Cu	63	1	He	382.519618	2.4	5649287.000
Zn	66	1	He	336.514590	0.8	906207.750
As	75	1	He	-0.011058		47.667
Se	78	2	H2	0.004701	20.2	26.667
Sr	88	1	He	0.013721	4.9	258.333
Mo	95	1	He	0.016482	9.6	141.333
Pd	105	1	He	-0.001646		86.667
Ag	107	1	He	25.482184	0.7	454994.133
Cd	111	1	He	0.005707	6.5	39.323
Sn	118	1	He	0.104734	5.8	1078.390
Sb	121	1	He	0.022645	16.5	358.343
Ba	138	1	He	0.091866	5.2	1995.167
Pt	195	1	He	0.005219	69.0	194.667
Hg	202	1	He	0.014945	7.0	64.000
Tl	205	1	He	-0.057856		95.000
Pb	208	1	He	0.039124	4.8	2320.103
Bi	209	1	He	0.002732	48.3	516.683
Th	232	1	He	0.001376	116.9	286.673
U	238	1	He	-0.000320		58.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	78.13718125	677809.623
Sc	45	2	H2	94.89555526	4628159.667
Ge	72	1	He	83.00951636	396704.573
Ge	72	2	H2	92.69690500	1334725.623
In	115	1	He	89.67710077	3670256.373
Tb	159	1	He	97.30417613	8173534.253
Ir	193	1	He	108.0237585	4329618.060

Sample Name	92643529006_B74447Dx20
Sample Type	Sample
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	164SMPL.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:56:04
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.001609		51.667
Be	9	2	H2	-0.006689		3.333
B	11	2	H2	-0.067036		1144.547
Na	23	1	He	-1.033344		16122.407
Mg	24	1	He	1.357775	5.8	1826.797
Al	27	1	He	0.663470	20.9	1579.420
Si	28	2	H2	-7.089765		44710.357
K	39	1	He	-0.379499		30823.190
Ca	43	1	He	-0.966003		13.633
Ti	47	1	He	0.007675	54.8	6.667
V	51	1	He	-0.269369		-2736.013
Cr	52	1	He	10.432920	0.7	137316.090
Mn	55	1	He	0.002564	114.7	305.333
Fe	56	1	He	0.102962	10.2	11550.060
Co	59	1	He	-0.002087		150.000
Ni	60	1	He	12.505844	0.5	71950.337
Cu	63	1	He	17.954318	1.3	260327.343
Zn	66	1	He	15.845310	1.9	42525.410
As	75	1	He	-0.012935		43.667
Se	78	2	H2	0.002891	148.9	24.667
Sr	88	1	He	-0.003352		96.667
Mo	95	1	He	-0.001882		18.667
Pd	105	1	He	-0.004029		61.667
Ag	107	1	He	1.203645	2.7	21047.983
Cd	111	1	He	0.001473	132.7	24.333
Sn	118	1	He	0.000793	276.0	336.677
Sb	121	1	He	0.007749	20.2	221.667
Ba	138	1	He	0.025228	2.6	718.360
Pt	195	1	He	-0.001155		138.000
Hg	202	1	He	0.013811	3.2	59.333
Tl	205	1	He	-0.058337		81.667
Pb	208	1	He	0.005713	16.3	946.687
Bi	209	1	He	0.003817	35.1	546.683
Th	232	1	He	0.000050	2265.3	235.003
U	238	1	He	-0.000935		35.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.57931344	664295.727
Sc	45	2	H2	92.44454040	4508621.000
Ge	72	1	He	81.30098245	388539.447
Ge	72	2	H2	91.16769957	1312706.877
In	115	1	He	87.21963614	3569678.577
Tb	159	1	He	97.10704029	8156974.877
Ir	193	1	He	106.7633858	4279102.020

Sample Name	CCV
Sample Type	CCV
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	165_CCV.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 21:59:10
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	88.471552	1.7	196503.437
Be	9	2	H2	85.656235	1.8	125994.690
B	11	2	H2	81.751128	2.0	105238.217
Na	23	1	He	2202.605175	0.4	4425825.453
Mg	24	1	He	2181.146741	1.5	2459804.550
Al	27	1	He	2113.688945	1.7	1044070.543
Si	28	2	H2	1064.947624	0.2	4535767.333
K	39	1	He	2086.813129	1.1	2286125.487
Ca	43	1	He	2036.217793	1.1	6525.640
Ti	47	1	He	83.435439	1.3	31697.793
V	51	1	He	87.170779	0.5	923017.073
Cr	52	1	He	87.193988	1.3	1175812.873
Mn	55	1	He	82.764836	0.4	714201.250
Fe	56	1	He	1038.650416	2.0	12025377.333
Co	59	1	He	89.443249	1.7	1835072.750
Ni	60	1	He	85.615335	0.9	482393.117
Cu	63	1	He	90.229381	1.6	1351782.793
Zn	66	1	He	82.312813	0.9	225351.197
As	75	1	He	81.704389	0.4	137326.977
Se	78	2	H2	84.302901	0.8	75467.593
Sr	88	1	He	84.122805	1.1	797467.490
Mo	95	1	He	80.757881	2.3	530545.627
Pd	105	1	He	86.099484	1.5	835438.947
Ag	107	1	He	50.200768	1.3	884836.627
Cd	111	1	He	83.125584	1.6	277120.340
Sn	118	1	He	83.770648	1.9	582959.707
Sb	121	1	He	82.838382	1.7	715842.723
Ba	138	1	He	83.174860	2.8	1636660.860
Pt	195	1	He	87.168866	1.4	792342.687
Hg	202	1	He	4.222143	3.7	17350.950
Tl	205	1	He	46.989236	2.3	1323442.377
Pb	208	1	He	86.327971	1.5	3514530.130
Bi	209	1	He	86.486176	0.7	2903699.020
Th	232	1	He	92.428597	2.3	3431798.387
U	238	1	He	91.108135	1.6	3400888.180

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	78.57559401	681612.683
Sc	45	2	H2	95.96198964	4680170.833
Ge	72	1	He	84.16222214	402213.383
Ge	72	2	H2	94.71381583	1363766.750
In	115	1	He	88.54884390	3624079.680
Tb	159	1	He	100.0238045	8401982.580
Ir	193	1	He	107.9046849	4324845.563

Sample Name	CCB
Sample Type	CCB
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	166_CCB.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:01:59
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	0.015229	11.7	88.667
Be	9	2	H2	0.008847	22.2	25.667
B	11	2	H2	0.739587	9.0	2157.827
Na	23	1	He	-1.090157		15965.527
Mg	24	1	He	0.278471	35.8	638.350
Al	27	1	He	0.505018	15.3	1499.080
Si	28	2	H2	-5.769816		49615.713
K	39	1	He	-0.236405		30890.023
Ca	43	1	He	-0.146045		16.123
Ti	47	1	He	0.008559	125.2	7.000
V	51	1	He	-0.017570		-161.523
Cr	52	1	He	-0.020851		1316.067
Mn	55	1	He	0.020386	26.8	450.010
Fe	56	1	He	-0.005828		10249.723
Co	59	1	He	0.008737	19.3	361.340
Ni	60	1	He	-0.025652		4372.023
Cu	63	1	He	0.035166	7.6	1094.050
Zn	66	1	He	0.028538	61.4	833.360
As	75	1	He	0.001488	39.6	66.500
Se	78	2	H2	0.018835	63.3	38.000
Sr	88	1	He	0.006624	67.2	186.667
Mo	95	1	He	0.017495	13.0	145.333
Pd	105	1	He	0.007031	55.3	168.333
Ag	107	1	He	0.031622	28.0	705.023
Cd	111	1	He	0.011882	4.1	58.983
Sn	118	1	He	0.022239	33.3	486.680
Sb	121	1	He	0.015328	28.1	288.340
Ba	138	1	He	0.011172	15.0	451.677
Pt	195	1	He	0.008249	8.3	222.000
Hg	202	1	He	0.042817	12.6	175.667
Tl	205	1	He	-0.028045		910.043
Pb	208	1	He	0.013135	18.1	1245.037
Bi	209	1	He	0.011013	9.1	785.030
Th	232	1	He	0.042020	22.8	1773.480
U	238	1	He	0.010498	10.9	456.677

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.37150161	662493.040
Sc	45	2	H2	93.50676121	4560426.667
Ge	72	1	He	80.62964402	385331.103
Ge	72	2	H2	90.32936394	1300635.837
In	115	1	He	87.88242587	3596804.880
Tb	159	1	He	97.56272574	8195252.377
Ir	193	1	He	106.7170645	4277245.453

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	167_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:05:05
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.001684		51.333
Be	9	2	H2	-0.004219		6.833
B	11	2	H2	0.210651	5.7	1483.243
Na	23	1	He	-2.012237		14140.320
Mg	24	1	He	-0.091018		233.337
Al	27	1	He	-1.470510		550.677
Si	28	2	H2	-3.687575		58524.437
K	39	1	He	-0.596777		30437.340
Ca	43	1	He	-1.149331		12.983
Ti	47	1	He	0.000519	1052.7	4.000
V	51	1	He	0.011001	105.2	128.133
Cr	52	1	He	-0.050867		927.363
Mn	55	1	He	0.001067	311.3	290.000
Fe	56	1	He	-0.299549		6983.730
Co	59	1	He	-0.000789		174.000
Ni	60	1	He	-0.041043		4283.997
Cu	63	1	He	0.030006	14.4	1018.710
Zn	66	1	He	-0.147860		372.010
As	75	1	He	-0.014938		40.000
Se	78	2	H2	-0.004116		18.667
Sr	88	1	He	-0.008579		48.333
Mo	95	1	He	0.002701	55.2	48.667
Pd	105	1	He	0.002520	201.8	125.000
Ag	107	1	He	0.005399	32.5	248.337
Cd	111	1	He	0.002115	10.2	26.660
Sn	118	1	He	-0.019118		201.667
Sb	121	1	He	-0.000425		153.333
Ba	138	1	He	-0.004945		143.333
Pt	195	1	He	0.000577	410.6	154.667
Hg	202	1	He	0.033784	6.2	140.333
Tl	205	1	He	-0.051510		270.007
Pb	208	1	He	0.002279	82.2	815.013
Bi	209	1	He	0.005909	36.2	621.683
Th	232	1	He	0.010774	21.9	635.023
U	238	1	He	0.001520	18.5	126.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.19116921	660928.727
Sc	45	2	H2	92.36100730	4504547.000
Ge	72	1	He	80.51282731	384772.833
Ge	72	2	H2	91.33689150	1315143.040
In	115	1	He	87.94193107	3599240.277
Tb	159	1	He	98.04996879	8236180.710
Ir	193	1	He	107.6929637	4316359.727

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	168_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:08:11
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.002612		48.833
Be	9	2	H2	-0.007239		2.500
B	11	2	H2	0.031702	60.0	1251.220
Na	23	1	He	-2.043963		14013.530
Mg	24	1	He	-0.065301		260.000
Al	27	1	He	-1.482972		542.343
Si	28	2	H2	-3.497387		59328.780
K	39	1	He	-0.595844		30297.053
Ca	43	1	He	-0.657052		14.477
Ti	47	1	He	-0.004893		2.000
V	51	1	He	-0.001548		0.870
Cr	52	1	He	-0.056054		864.697
Mn	55	1	He	-0.000634		277.333
Fe	56	1	He	-0.323647		6750.287
Co	59	1	He	-0.002491		141.333
Ni	60	1	He	-0.066409		4169.303
Cu	63	1	He	0.028834	15.6	1006.703
Zn	66	1	He	-0.150824		366.010
As	75	1	He	-0.017538		36.000
Se	78	2	H2	0.003555	42.0	25.333
Sr	88	1	He	-0.008425		50.000
Mo	95	1	He	0.000860	227.9	36.000
Pd	105	1	He	0.002207	62.1	120.000
Ag	107	1	He	0.001486	146.7	176.667
Cd	111	1	He	0.000934	48.8	22.330
Sn	118	1	He	-0.017599		208.333
Sb	121	1	He	0.000121	3897.8	155.000
Ba	138	1	He	-0.006409		115.000
Pt	195	1	He	-0.001477		136.667
Hg	202	1	He	0.030095	16.5	125.667
Tl	205	1	He	-0.055947		148.333
Pb	208	1	He	-0.000765		698.347
Bi	209	1	He	0.002981	17.1	528.350
Th	232	1	He	0.006619	24.3	485.013
U	238	1	He	-0.000065		68.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	75.83530348	657841.730
Sc	45	2	H2	91.44264563	4459757.500
Ge	72	1	He	80.90676468	386655.470
Ge	72	2	H2	91.33883310	1315170.997
In	115	1	He	86.30431094	3532216.637
Tb	159	1	He	98.12124623	8242168.003
Ir	193	1	He	108.7262712	4357774.937

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	169_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:11:16
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.006892		40.833
Be	9	2	H2	-0.007402		2.333
B	11	2	H2	-0.092990		1126.543
Na	23	1	He	-2.094361		13865.077
Mg	24	1	He	-0.100008		221.667
Al	27	1	He	-1.507096		528.677
Si	28	2	H2	-5.213899		51963.437
K	39	1	He	-0.062111		30739.753
Ca	43	1	He	-1.929598		10.483
Ti	47	1	He	-0.003014		2.667
V	51	1	He	-0.013246		-117.827
Cr	52	1	He	-0.062721		776.690
Mn	55	1	He	-0.003297		254.667
Fe	56	1	He	-0.326059		6707.603
Co	59	1	He	-0.003386		123.333
Ni	60	1	He	-0.061420		4185.967
Cu	63	1	He	0.018355	6.8	854.030
Zn	66	1	He	-0.172433		308.667
As	75	1	He	-0.019454		32.833
Se	78	2	H2	-0.005123		17.667
Sr	88	1	He	-0.008595		48.333
Mo	95	1	He	0.000964	150.0	36.667
Pd	105	1	He	0.002737	101.2	125.000
Ag	107	1	He	-0.000273		146.667
Cd	111	1	He	-0.001526		14.333
Sn	118	1	He	-0.022747		173.333
Sb	121	1	He	-0.001050		145.000
Ba	138	1	He	-0.005105		140.000
Pt	195	1	He	-0.002489		127.333
Hg	202	1	He	0.020141	5.7	85.333
Tl	205	1	He	-0.055337		165.000
Pb	208	1	He	-0.000962		685.010
Bi	209	1	He	0.002615	55.3	511.680
Th	232	1	He	0.004474	40.2	401.677
U	238	1	He	-0.000987		33.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	75.55559371	655415.357
Sc	45	2	H2	93.65976168	4567888.667
Ge	72	1	He	80.72010458	385763.417
Ge	72	2	H2	90.56627255	1304047.040
In	115	1	He	86.29176329	3531703.093
Tb	159	1	He	97.95120371	8227884.460
Ir	193	1	He	107.8484149	4322590.247

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	170_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:14:23
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.006595		40.667
Be	9	2	H2	-0.006636		3.333
B	11	2	H2	-0.166301		1015.203
Na	23	1	He	-2.150859		13840.020
Mg	24	1	He	-0.107127		215.000
Al	27	1	He	-1.535098		518.677
Si	28	2	H2	-5.890168		50005.050
K	39	1	He	-0.911690		30038.263
Ca	43	1	He	-0.691778		14.373
Ti	47	1	He	-0.003079		2.667
V	51	1	He	-0.014084		-127.033
Cr	52	1	He	-0.059666		815.357
Mn	55	1	He	-0.002302		262.667
Fe	56	1	He	-0.327338		6688.927
Co	59	1	He	-0.003520		120.667
Ni	60	1	He	-0.054880		4217.980
Cu	63	1	He	0.019661	19.4	872.030
Zn	66	1	He	-0.172898		307.337
As	75	1	He	-0.019640		32.500
Se	78	2	H2	-0.007742		15.667
Sr	88	1	He	-0.010241		33.333
Mo	95	1	He	-0.000840		25.333
Pd	105	1	He	0.002974	63.7	128.333
Ag	107	1	He	0.002449	87.1	195.000
Cd	111	1	He	0.000057	3446.3	19.667
Sn	118	1	He	-0.021523		183.333
Sb	121	1	He	-0.001228		145.000
Ba	138	1	He	-0.005104		138.333
Pt	195	1	He	-0.001562		133.333
Hg	202	1	He	0.021721	18.0	90.333
Tl	205	1	He	-0.057212		111.667
Pb	208	1	He	-0.000944		678.343
Bi	209	1	He	0.003017	68.4	520.017
Th	232	1	He	0.003782	21.5	371.677
U	238	1	He	-0.000976		33.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.01727860	659420.293
Sc	45	2	H2	91.73985380	4474252.667
Ge	72	1	He	80.66247219	385487.990
Ge	72	2	H2	91.95449161	1324035.750
In	115	1	He	87.08230709	3564058.047
Tb	159	1	He	96.41727207	8099034.463
Ir	193	1	He	106.7073992	4276858.063

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	171_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:17:29
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.007423		39.000
Be	9	2	H2	-0.006655		3.333
B	11	2	H2	-0.218777		953.530
Na	23	1	He	-2.220745		13734.953
Mg	24	1	He	-0.092128		231.670
Al	27	1	He	-1.576478		500.010
Si	28	2	H2	-6.573969		47412.377
K	39	1	He	-0.238083		30816.553
Ca	43	1	He	-1.946144		10.540
Ti	47	1	He	-0.004001		2.333
V	51	1	He	-0.000442		12.183
Cr	52	1	He	-0.060650		803.360
Mn	55	1	He	-0.004664		243.333
Fe	56	1	He	-0.326010		6707.597
Co	59	1	He	-0.002979		131.333
Ni	60	1	He	-0.063296		4175.300
Cu	63	1	He	0.015572	26.3	814.027
Zn	66	1	He	-0.177764		294.667
As	75	1	He	-0.018615		34.167
Se	78	2	H2	0.001014	132.1	23.333
Sr	88	1	He	-0.010243		33.333
Mo	95	1	He	-0.000867		25.333
Pd	105	1	He	-0.000916		91.667
Ag	107	1	He	0.000991	243.4	170.000
Cd	111	1	He	0.000834	162.4	22.333
Sn	118	1	He	-0.017049		215.000
Sb	121	1	He	-0.001122		146.667
Ba	138	1	He	-0.006971		103.333
Pt	195	1	He	-0.001937		131.333
Hg	202	1	He	0.020298	12.6	85.333
Tl	205	1	He	-0.057607		101.667
Pb	208	1	He	-0.001914		633.343
Bi	209	1	He	0.005312	26.8	590.020
Th	232	1	He	0.002682	67.9	328.340
U	238	1	He	-0.000832		38.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.19350899	660949.023
Sc	45	2	H2	92.00558500	4487212.667
Ge	72	1	He	80.71142708	385721.947
Ge	72	2	H2	92.31082023	1329166.460
In	115	1	He	87.50020454	3581161.530
Tb	159	1	He	97.25222912	8169170.713
Ir	193	1	He	105.6678438	4235192.437

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	172_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:20:35
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.007634		38.333
Be	9	2	H2	-0.006758		3.167
B	11	2	H2	-0.243314		918.197
Na	23	1	He	-2.196745		13783.310
Mg	24	1	He	-0.099970		223.333
Al	27	1	He	-1.541575		516.677
Si	28	2	H2	-6.025476		49248.367
K	39	1	He	-0.404068		30642.833
Ca	43	1	He	-0.982486		13.517
Ti	47	1	He	0.001448	785.2	4.333
V	51	1	He	0.001855	658.3	35.293
Cr	52	1	He	-0.059598		812.693
Mn	55	1	He	-0.002185		262.667
Fe	56	1	He	-0.327502		6658.913
Co	59	1	He	-0.003754		115.333
Ni	60	1	He	-0.043178		4261.993
Cu	63	1	He	0.019409	15.1	864.697
Zn	66	1	He	-0.174156		302.667
As	75	1	He	-0.018809		33.667
Se	78	2	H2	-0.006453		16.667
Sr	88	1	He	-0.009490		40.000
Mo	95	1	He	-0.000850		25.333
Pd	105	1	He	0.002069	66.2	120.000
Ag	107	1	He	0.001003	321.3	170.000
Cd	111	1	He	-0.000969		16.333
Sn	118	1	He	-0.018175		206.670
Sb	121	1	He	-0.001057		146.667
Ba	138	1	He	-0.007209		98.333
Pt	195	1	He	-0.002189		128.667
Hg	202	1	He	0.017951	8.0	75.667
Tl	205	1	He	-0.057344		108.333
Pb	208	1	He	-0.001344		658.347
Bi	209	1	He	0.002236	62.3	490.010
Th	232	1	He	0.002936	14.6	338.343
U	238	1	He	-0.000697		43.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.19163994	660932.810
Sc	45	2	H2	91.45284293	4460254.833
Ge	72	1	He	80.32270555	383864.237
Ge	72	2	H2	91.60760243	1319040.957
In	115	1	He	87.26390804	3571490.513
Tb	159	1	He	96.91595859	8140924.047
Ir	193	1	He	106.0074465	4248803.793

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	173_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:23:41
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.009552		34.167
Be	9	2	H2	-0.006766		3.167
B	11	2	H2	-0.272759		881.530
Na	23	1	He	-2.424520		13289.517
Mg	24	1	He	-0.108351		213.333
Al	27	1	He	-1.536870		517.010
Si	28	2	H2	-5.210602		52809.870
K	39	1	He	-0.334617		30597.723
Ca	43	1	He	-1.732698		11.150
Ti	47	1	He	-0.003053		2.667
V	51	1	He	0.013478	62.9	151.613
Cr	52	1	He	-0.061237		787.360
Mn	55	1	He	-0.003215		252.667
Fe	56	1	He	-0.339077		6494.170
Co	59	1	He	-0.004208		106.000
Ni	60	1	He	-0.060772		4144.623
Cu	63	1	He	0.015378	24.5	802.690
Zn	66	1	He	-0.174261		300.667
As	75	1	He	-0.020904		30.167
Se	78	2	H2	-0.007194		16.333
Sr	88	1	He	-0.008539		48.333
Mo	95	1	He	-0.001009		24.000
Pd	105	1	He	-0.000762		91.667
Ag	107	1	He	0.000537	199.3	160.000
Cd	111	1	He	-0.000361		18.000
Sn	118	1	He	-0.017000		211.667
Sb	121	1	He	-0.002026		136.667
Ba	138	1	He	-0.006045		121.667
Pt	195	1	He	-0.004914		105.333
Hg	202	1	He	0.018505	5.6	78.333
Tl	205	1	He	-0.058291		83.333
Pb	208	1	He	-0.001617		648.347
Bi	209	1	He	0.001695	89.0	473.347
Th	232	1	He	0.001675	75.5	293.340
U	238	1	He	-0.000973		33.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	75.90757378	658468.647
Sc	45	2	H2	91.37054007	4456240.833
Ge	72	1	He	79.86462399	381675.053
Ge	72	2	H2	92.08674208	1325940.000
In	115	1	He	85.98845873	3519289.607
Tb	159	1	He	97.49525786	8189585.087
Ir	193	1	He	106.1341974	4253884.000

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	174_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:26:46
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.011631		30.667
Be	9	2	H2	-0.007065		2.833
B	11	2	H2	-0.299034		874.027
Na	23	1	He	-2.283105		13653.173
Mg	24	1	He	-0.112701		210.000
Al	27	1	He	-1.501587		537.343
Si	28	2	H2	-3.086433		60431.307
K	39	1	He	-0.655974		30462.510
Ca	43	1	He	-1.695512		11.337
Ti	47	1	He	0.004111	166.9	5.333
V	51	1	He	-0.005046		-34.047
Cr	52	1	He	-0.057088		841.360
Mn	55	1	He	-0.003315		252.000
Fe	56	1	He	-0.303463		6890.357
Co	59	1	He	-0.003017		129.333
Ni	60	1	He	-0.057425		4165.963
Cu	63	1	He	0.021749	19.7	894.030
Zn	66	1	He	-0.172771		304.670
As	75	1	He	-0.017271		36.000
Se	78	2	H2	-0.009356		14.000
Sr	88	1	He	-0.009102		43.333
Mo	95	1	He	-0.001495		21.333
Pd	105	1	He	-0.001885		83.333
Ag	107	1	He	0.001446	59.9	180.000
Cd	111	1	He	-0.001418		15.000
Sn	118	1	He	-0.022562		178.333
Sb	121	1	He	-0.005875		106.667
Ba	138	1	He	-0.006798		105.000
Pt	195	1	He	-0.001106		136.667
Hg	202	1	He	0.016299	7.7	68.333
Tl	205	1	He	-0.058358		80.000
Pb	208	1	He	-0.003697		565.003
Bi	209	1	He	0.002055	72.2	485.013
Th	232	1	He	0.002136	39.0	310.010
U	238	1	He	-0.000379		55.000

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.40249743	662761.917
Sc	45	2	H2	93.91810462	4580488.333
Ge	72	1	He	79.93151281	381994.717
Ge	72	2	H2	90.50502353	1303165.127
In	115	1	He	88.22612882	3610871.770
Tb	159	1	He	95.87992229	8053897.173
Ir	193	1	He	106.2009800	4256560.663

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	175_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:29:52
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.010997		31.167
Be	9	2	H2	-0.007961		1.500
B	11	2	H2	-0.193225		982.150
Na	23	1	He	-2.430590		13304.527
Mg	24	1	He	-0.116381		205.000
Al	27	1	He	-1.559093		507.343
Si	28	2	H2	-2.701987		62354.357
K	39	1	He	-0.605387		30373.970
Ca	43	1	He	-0.267672		15.697
Ti	47	1	He	-0.003999		2.333
V	51	1	He	-0.000174		14.707
Cr	52	1	He	-0.064050		754.020
Mn	55	1	He	-0.005922		231.333
Fe	56	1	He	-0.340428		6500.837
Co	59	1	He	-0.004298		104.667
Ni	60	1	He	-0.077268		4071.273
Cu	63	1	He	0.015553	16.6	808.027
Zn	66	1	He	-0.171071		310.000
As	75	1	He	-0.018782		33.667
Se	78	2	H2	-0.007614		15.667
Sr	88	1	He	-0.010039		35.000
Mo	95	1	He	-0.001066		24.000
Pd	105	1	He	0.000108	239.3	101.667
Ag	107	1	He	-0.000753		140.000
Cd	111	1	He	-0.001390		15.000
Sn	118	1	He	-0.019952		195.000
Sb	121	1	He	-0.004435		118.333
Ba	138	1	He	-0.006305		115.000
Pt	195	1	He	-0.001162		136.667
Hg	202	1	He	0.016902	20.5	71.000
Tl	205	1	He	-0.057999		90.000
Pb	208	1	He	-0.003327		576.670
Bi	209	1	He	0.002096	106.7	483.347
Th	232	1	He	0.001046	99.0	268.340
U	238	1	He	-0.000962		33.333

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.04597307	659669.207
Sc	45	2	H2	91.44510610	4459877.500
Ge	72	1	He	80.13818047	382982.387
Ge	72	2	H2	91.13127574	1312182.417
In	115	1	He	87.62372567	3586216.937
Tb	159	1	He	96.25669885	8085546.340
Ir	193	1	He	105.5192149	4229235.353

Sample Name	RINSE
Sample Type	Blank
Operator	M Locquegnies
Instrument	10ICMB - 200.8 6020 A/B
Batch Name	010623.b
Data File Name	176_Blk.d
Data Path Name	C:\Agilent\ICPMH\1\DATA
Acq. Date Time	1/6/2023 22:32:58
Comment	

Analytes

Name	Mass	Tune Step	Tune Mode	Conc.	Conc %RSD	Intensity
Li	7	2	H2	-0.012000		29.000
Be	9	2	H2	-0.007608		2.000
B	11	2	H2	-0.350938		786.187
Na	23	1	He	-2.451007		13266.170
Mg	24	1	He	-0.127039		193.333
Al	27	1	He	-1.511874		530.010
Si	28	2	H2	-3.710504		57367.663
K	39	1	He	-0.224680		30778.180
Ca	43	1	He	-1.831409		10.873
Ti	47	1	He	-0.003075		2.667
V	51	1	He	-0.020164		-185.397
Cr	52	1	He	-0.063684		758.690
Mn	55	1	He	-0.002815		256.667
Fe	56	1	He	-0.333822		6572.200
Co	59	1	He	-0.004568		99.333
Ni	60	1	He	-0.064158		4140.617
Cu	63	1	He	0.019309	4.2	861.363
Zn	66	1	He	-0.172881		305.333
As	75	1	He	-0.021154		29.833
Se	78	2	H2	-0.013244		10.667
Sr	88	1	He	-0.010215		33.333
Mo	95	1	He	-0.000288		28.667
Pd	105	1	He	0.002176	97.7	120.000
Ag	107	1	He	0.000245	1117.4	155.000
Cd	111	1	He	-0.000907		16.333
Sn	118	1	He	-0.023759		166.667
Sb	121	1	He	-0.000910		146.667
Ba	138	1	He	-0.005911		121.667
Pt	195	1	He	-0.002925		120.667
Hg	202	1	He	0.018181	7.0	75.667
Tl	205	1	He	-0.058416		78.333
Pb	208	1	He	-0.002818		601.683
Bi	209	1	He	0.003069	74.6	520.017
Th	232	1	He	0.001074	30.9	271.673
U	238	1	He	-0.001157		26.667

ISTD

Name	Mass	Tune Step	Tune Mode	% Rec	Intensity
Sc	45	1	He	76.06526846	659836.587
Sc	45	2	H2	91.29210904	4452415.667
Ge	72	1	He	80.12084988	382899.563
Ge	72	2	H2	89.62271437	1290460.920
In	115	1	He	86.41083305	3536576.317
Tb	159	1	He	95.72276670	8040696.130
Ir	193	1	He	106.4612963	4266994.203

Prep Log Report

Batch Information: MPRP 861649 2008 W

Template Version: ENV-EPL-MIN4-0013-Rev.00 (13Dec2020)

Prep Method	EPA 200.8	Analysis Method	EPA 200.8	Prepared By	MT2	Block ID	10MET26
Thermometer ID	210354336	Correction Factor (C)	0.2	Block Temp (C)	93.8	Corrected Temp. (C)	94.00
Digestion Start Date/Time	01/06/2023 11:34:20:315	Digestion End Date/Time	01/06/2023 17:16:14:825	Block End Temp (C)	94.2	Corrected End Temp. (C)	94.40
Digestion Vessel	400058	Metals Pipette 1	Q863	Metals Pipette 2		Dispenser ID 1	Q870
Dispenser ID 2	Q880	Reviewed By	DJM	Reviewed By Date	01/06/2023 17:18	Batch Notes	

Sample Information:

QC Rule	Sample Type	Lab Sample ID	Matrix	Initial Volume (mL)	Conc. HNO3 (L)	Conc. HCL (mL)	Final Volume (mL)	Sample Notes	METALS-STK1 (mL)	METALS-STK2 (mL)
2008 W_P	BLANK	**4551433**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 W_P	LCS	**4551434**	Water	25	393627 (0.5)	396015 (0.25)	25		385715 (.025)	385721 (.025)
2008 W_P	RQS	**10638993001**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 W_P	RQS	**10638993001**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 W_P	MS	**4551435**	Water	25	393627 (0.5)	396015 (0.25)	25		385715 (.025)	385721 (.025)
2008 W_P	MSD	**4551436**	Water	25	393627 (0.5)	396015 (0.25)	25		385715 (.025)	385721 (.025)
2008 W_P	PS	**10638993002**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 W_P	PS	**10638993003**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 W_P	PS	**10638993004**	Water	25	393627 (0.5)	396015 (0.25)	25			

Standard Notes:

385715: ZPACEMN-116 (MIX 1) **385721: ZPACEMN-106**

Prep Log Report

Batch Information: MPRP 861667 2008 WD **Template Version: ENV-EPL-MIN4-0013-Rev.00 (13Dec2020)**

Prep Method	EPA 200.8	Analysis Method	EPA 200.8	Prepared By	MT2	Block ID	10MET26
Thermometer ID	210354336	Correction Factor (C)	0.2	Block Temp (C)	93.8	Corrected Temp. (C)	94.00
Digestion Start Date/Time	01/06/2023 11:34:20:315	Digestion End Date/Time	01/06/2023 17:16:14:825	Block End Temp (C)	94.2	Corrected End Temp. (C)	94.40
Digestion Vessel	400058	Metals Pipette 1	Q863	Metals Pipette 2		Dispenser ID 1	Q870
Dispenser ID 2	Q880	Reviewed By	DJM	Reviewed By Date	01/06/2023 17:18	Batch Notes	

Sample Information:

QC Rule	Sample Type	Lab Sample ID	Matrix	Initial Volume (mL)	Conc. HNO3 (L)	Conc. HCL (mL)	Final Volume (mL)	Sample Notes	METALS-STK1 (mL)	METALS-STK2 (mL)
2008 WD_P	BLANK	**4551549**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 WD_P	LCS	**4551550**	Water	25	393627 (0.5)	396015 (0.25)	25		385715 (.025)	385721 (.025)
2008 WD_P	RQS	**10638993001**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 WD_P	RQS	**10638993001**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 WD_P	MS	**4551551**	Water	25	393627 (0.5)	396015 (0.25)	25		385715 (.025)	385721 (.025)
2008 WD_P	MSD	**4551552**	Water	25	393627 (0.5)	396015 (0.25)	25		385715 (.025)	385721 (.025)
2008 WD_P	PS	**10638993002**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 WD_P	PS	**10638993003**	Water	25	393627 (0.5)	396015 (0.25)	25			
2008 WD_P	PS	**10638993004**	Water	25	393627 (0.5)	396015 (0.25)	25			

Standard Notes:

385715: ZPACEMN-116 (MIX 1) **385721: ZPACEMN-106**

SAMPLE NO.

CUF-WS-CUFPV-002-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993001 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
16887-00-6	Chloride	6.5		mg/L	1	01/07/2023 00:50
14808-79-8	Sulfate	55.3		mg/L	1	01/07/2023 00:50

SAMPLE NO.

CUF-WS-DUP01-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993002 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
16887-00-6	Chloride	6.6		mg/L	1	01/07/2023 02:03
14808-79-8	Sulfate	55.4		mg/L	1	01/07/2023 02:03

SAMPLE NO.

CUF-WS-FB01-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993003 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
16887-00-6	Chloride	ND	U	mg/L	1	01/07/2023 02:17
14808-79-8	Sulfate	ND	U	mg/L	1	01/07/2023 02:17

SAMPLE NO.

CUF-WS-TUB01-20230104

FORM I INORGANIC-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Lab Sample ID: 10638993004 Percent Moisture:

CAS No.	Analyte	Concentration	Q	Units	DF	Analysis Date/Time
16887-00-6	Chloride	ND	U	mg/L	1	01/07/2023 02:32
14808-79-8	Sulfate	ND	U	mg/L	1	01/07/2023 02:32

FORM II INORGANIC-1

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: mg/L Instrument ID: 10WT95

	Initial Calibration Verification				Continuing Calibration Verification						
					12/07/2022 05:02			01/07/2023 00:36			Control Limit
Analyte	True	Found	%R	Control Limit	True	Found	%R	True	Found	%R	
Chloride					100	99.7	99.7	100	100	100.0	90-110
Sulfate					100	101	100.8	100	103	102.7	90-110

FORM II INORGANIC-1

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Initial Calibration Verification Source: 399061

Continuing Calibration Verification Source: 402718

Concentration Units: mg/L Instrument ID: 10WT95

	Initial Calibration Verification				Continuing Calibration Verification						
	12/07/2022 04:18				01/06/2023 23:52			01/07/2023 02:46			Control Limit
Analyte	True	Found	%R	Control Limit	True	Found	%R	True	Found	%R	
Chloride	50	49.7	99.4	90-110	50	50.5	101.0	50	50.6	101.2	90-110
Sulfate	50	50.3	100.5	90-110	50	51.4	102.9	50	51.5	103.0	90-110

FORM II INORGANIC-2

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Initial Calibration Verification Source:

Continuing Calibration Verification Source: 402718

Concentration Units: mg/L Instrument ID: 10WT95

	Continuing Calibration Verification						
	01/07/2023 04:42			01/07/2023 15:47			Control Limit
Analyte	True	Found	%R	True	Found	%R	
Chloride	50	50.8	101.5	50	51.1	102.1	90-110
Sulfate	50	51.7	103.4	50	52.0	104.0	90-110

FORM II INORGANIC-1

CRDL CHECK STANDARD

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

CRDL Check Standard Source: 399065 Analysis Date/Time: 12/07/2022 04:47

Concentration Units: mg/L

Analyte	CRDL Check Standard			
	True	Found	%R	Control Limit %R
Chloride	1.0	0.96	96.0	70-130
Sulfate	1.0	1.3	125.1	70-130

FORM II INORGANIC-1

CRDL CHECK STANDARD

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

CRDL Check Standard Source: 403010 Analysis Date/Time: 01/07/2023 00:21

Concentration Units: mg/L

Analyte	CRDL Check Standard			
	True	Found	%R	Control Limit %R
Chloride	1.0	0.94	94.0	70-130
Sulfate	1.0	1.0	104.5	70-130

FORM II INORGANIC-1

CRDL CHECK STANDARD

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

CRDL Check Standard Source: 403010 Analysis Date/Time: 01/07/2023 17:29

Concentration Units: mg/L

Analyte	CRDL Check Standard			
	True	Found	%R	Control Limit %R
Chloride	1.0	1.0	99.8	70-130
Sulfate	1.0	1.1	108.3	70-130

FORM III INORGANIC-1

BLANKS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract : Cumberland Fossil Plant (CUF)

Method Blank Matrix: Water Instrument ID: 10WT95

Method Blank Concentration Units: mg/L

Analyte	Initial Calibration Blank (mg/L)		Continuing Calibration Blank (mg/L)						Method Blank	
	12/07/2022 04:32	C	01/07/2023 00:07	C	01/07/2023 03:01	C	01/07/2023 04:57	C	4551955	C
Chloride	0.39	U	0.39	U	0.39	U	0.39	U	ND	U
Sulfate	0.77	J	0.43	U	0.43	U	0.78	J	ND	U

FORM III INORGANIC-2

BLANKS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract : Cumberland Fossil Plant (CUF)

Method Blank Matrix: Instrument ID: 10WT95

Method Blank Concentration Units:

Analyte	Initial Calibration Blank		Continuing Calibration Blank (mg/L)					
		C	01/07/2023 16:02	C		C		C
Chloride			0.39	U				
Sulfate			0.43	U				

SAMPLE NO.

4551957MS

FORM V INORGANIC-1

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Basis: Wet Parent Sample ID: CUF-WS-CUFPV-002-

Percent Moisture: _____

Analyte	Units	Control Limit %R	Spiked Sample Result (SSR)	Sample Result (SR)	Spike Added (SA)	%R
Chloride	mg/L	80-120	57.2	6.5	50.0	101
Sulfate	mg/L	80-120	102	55.3	50.0	94

SAMPLE NO.

4551958MSD

FORM V INORGANIC-2

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Basis: Wet Parent Sample ID: CUF-WS-CUFPV-002-

Percent Moisture: _____

Analyte	Units	Control Limit %R	Spiked Sample Result (SSR)	Sample Result (SR)	Spike Added (SA)	%R
Chloride	mg/L	80-120	57.6	6.5	50.0	102
Sulfate	mg/L	80-120	102	55.3	50.0	94

SAMPLE NO.

4551958MSD

FORM VI INORGANIC-1
DUPLICATES

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water Concentration Units: mg/L

Percent Moisture: _____ Basis: Wet

Analyte	RPD Control Limit	Sample	Duplicate	RPD
Chloride	20	57.2	57.6	1
Sulfate	20	102	102	0

SAMPLE NO.

4551956LCS

FORM VII INORGANIC-1
LABORATORY CONTROL SAMPLE

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant

Matrix: Water

Analyte	Units	True	Found	%R	Limits	
Chloride	mg/L	50.0	50.6	101	90	110
Sulfate	mg/L	50.0	51.8	104	90	110

FORM IX INORGANIC-1
INSTRUMENT DETECTION LIMITS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Preparation Method: None Instrument ID: 10WT95

Concentration Units: mg/L

Analyte	PQL	IDL	IDL Date
Chloride	1.2	0.39	10/01/2022
Sulfate	1.2	0.43	10/01/2022

FORM IX INORGANIC-2
METHOD DETECTION LIMITS

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Preparation Method: EPA 300.0 Instrument ID: 10WT95

Concentration Units: mg/L

Analyte	PQL	MDL	MDL Date
Chloride	1.2	0.39	02/21/2022
Sulfate	1.2	0.43	02/21/2022

FORM XII INORGANIC-1

PREPARATION LOG

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Preparation Method: EPA 300.0 Batch: WETA 54623

Lab Sample ID	Sample Name	Preparation Date	Initial Volume (mL)	Final Volume (mL)
4551955	4551955	01/07/2023	10	10
4551956	4551956	01/07/2023	10	10
4551957	4551957	01/07/2023	10	10
4551958	4551958	01/07/2023	10	10
10638993001	CUF-WS-CUFPV-002-	01/07/2023	10	10
10638993002	CUF-WS-DUP01-20230104	01/07/2023	10	10
10638993003	CUF-WS-FB01-20230104	01/07/2023	10	10
10638993004	CUF-WS-TUB01-20230104	01/07/2023	10	10

FORM XIII INORGANIC-1
ANALYSIS RUN LOG

Lab Name: Pace Analytical - Minnesota SDG No. : 10638993 Contract: Cumberland Fossil Plant (CUF)

Instrument ID: 10WT95 Analysis Method: EPA 300.0

Start Date: 12/07/2022 02:36 End Date: 01/07/2023 17:29

Sample Name	Lab Sample ID	D/F	Date	Time	Cl	SO4
31646499CAL1	31646499CAL1	1	12/07/2022	02:36	X	X
31646500CAL2	31646500CAL2	1	12/07/2022	02:51	X	X
31646501CAL3	31646501CAL3	1	12/07/2022	03:05	X	X
31646502CAL4	31646502CAL4	1	12/07/2022	03:20	X	X
31646503CAL5	31646503CAL5	1	12/07/2022	03:34	X	X
31646504CAL6	31646504CAL6	1	12/07/2022	03:49	X	X
31646505CAL7	31646505CAL7	1	12/07/2022	04:03	X	X
31646506ICV	31646506ICV	1	12/07/2022	04:18	X	X
31646507ICB	31646507ICB	1	12/07/2022	04:32	X	X
31646508CRDL	31646508CRDL	1	12/07/2022	04:47	X	X
31646509CCVA	31646509CCVA	1	12/07/2022	05:02	X	X
31817134CCV	31817134CCV	1	01/06/2023	23:52	X	X
31817135CCB	31817135CCB	1	01/07/2023	00:07	X	X
31817136CRDL	31817136CRDL	1	01/07/2023	00:21	X	X
31817137CCVA	31817137CCVA	1	01/07/2023	00:36	X	X
CUF-WS-CUFPV-002-	10638993001	1	01/07/2023	00:50	X	X
4551957MS	4551957	1	01/07/2023	01:05	X	X
4551958MSD	4551958	1	01/07/2023	01:19	X	X
CUF-WS-DUP01-20230104	10638993002	1	01/07/2023	02:03	X	X
CUF-WS-FB01-20230104	10638993003	1	01/07/2023	02:17	X	X
CUF-WS-TUB01-20230104	10638993004	1	01/07/2023	02:32	X	X
31817138CCV	31817138CCV	1	01/07/2023	02:46	X	X
31817139CCB	31817139CCB	1	01/07/2023	03:01	X	X
4551955BLANK	4551955	1	01/07/2023	03:15	X	X
4551956LCS	4551956	1	01/07/2023	03:30	X	X
31817140CCV	31817140CCV	1	01/07/2023	04:42	X	X
31817141CCB	31817141CCB	1	01/07/2023	04:57	X	X
31817142CCV	31817142CCV	1	01/07/2023	15:47	X	X
31817143CCB	31817143CCB	1	01/07/2023	16:02	X	X
31817144CRDL	31817144CRDL	1	01/07/2023	17:29	X	X

Fluoride (Anions)

Function: . . . . . *A = - 4.66868E-3 + 0.0228459× Q*

Relative standard deviation . . . . . *5.849392 %*

Correlation coefficient *0.999230*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	20.0	1.0	1.0	n. d.	CAL1	2022-12-07 02:36:46 UTC-6	used
Standard 2	1	0.020	20.0	1.0	1.0	0.0059	CAL2	2022-12-07 02:51:20 UTC-6	used
Standard 3	1	0.040	20.0	1.0	1.0	0.0132	CAL3	2022-12-07 03:05:53 UTC-6	used
Standard 4	1	0.100	20.0	1.0	1.0	0.0354	CAL4	2022-12-07 03:20:22 UTC-6	used
Standard 5	1	0.500	20.0	1.0	1.0	0.2086	CAL5	2022-12-07 03:34:53 UTC-6	used
Standard 6	1	1.000	20.0	1.0	1.0	0.4479	CAL6	2022-12-07 03:49:24 UTC-6	used
Standard 7	1	2.000	20.0	1.0	1.0	0.9365	CAL7	2022-12-07 04:03:54 UTC-6	used

Chloride (Anions)

Function: . . . . . *A = - 0.0864955 + 0.0155660× Q*

Relative standard deviation . . . . . *1.725545 %*

Correlation coefficient *0.999927*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.000	20.0	1.0	1.0	n. d.	CAL1	2022-12-07 02:36:46 UTC-6
Standard 2	1	1.000	20.0	1.0	1.0	0.2210	CAL2	2022-12-07 02:51:20 UTC-6
Standard 3	1	2.000	20.0	1.0	1.0	0.5342	CAL3	2022-12-07 03:05:53 UTC-6
Standard 4	1	5.000	20.0	1.0	1.0	1.4884	CAL4	2022-12-07 03:20:22 UTC-6
Standard 5	1	25.000	20.0	1.0	1.0	7.7167	CAL5	2022-12-07 03:34:53 UTC-6

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 6	1	50.000	20.0	1.0	1.0	15.6941	CAL6	2022-12-07 03:49:24 UTC-6
Standard 7	1	100.000	20.0	1.0	1.0	30.8033	CAL7	2022-12-07 04:03:54 UTC-6

Nitrite (Anions)

Function: . . . . . *A = - 0.0216312 + 0.0334077× Q*

Relative standard deviation . . . . . *2.698301 %*

Correlation coefficient *0.999824*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	20.0	1.0	1.0	n. d.	CAL1	2022-12-07 02:36:46 UTC-6	used
Standard 2	1	0.080	20.0	1.0	1.0	0.0353	CAL2	2022-12-07 02:51:20 UTC-6	used
Standard 3	1	0.160	20.0	1.0	1.0	0.0804	CAL3	2022-12-07 03:05:53 UTC-6	used
Standard 4	1	0.400	20.0	1.0	1.0	0.2313	CAL4	2022-12-07 03:20:22 UTC-6	used
Standard 5	1	2.000	20.0	1.0	1.0	1.3321	CAL5	2022-12-07 03:34:53 UTC-6	used
Standard 6	1	4.000	20.0	1.0	1.0	2.7112	CAL6	2022-12-07 03:49:24 UTC-6	used
Standard 7	1	8.000	20.0	1.0	1.0	5.2655	CAL7	2022-12-07 04:03:54 UTC-6	used

Bromide (Anions)

Function: . . . . . *A = - 4.74440E-3 + 5.84625E-3× Q*

Relative standard deviation . . . . . *8.603297 %*

Correlation coefficient *0.998370*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	20.0	1.0	1.0	n. d.	CAL1	2022-12-07 02:36:46 UTC-6	used
Standard 2	1	0.080	20.0	1.0	1.0	0.0063	CAL2	2022-12-07 02:51:20 UTC-6	used
Standard 3	1	0.160	20.0	1.0	1.0	0.0138	CAL3	2022-12-07 03:05:53 UTC-6	used
Standard 4	1	0.400	20.0	1.0	1.0	0.0362	CAL4	2022-12-07 03:20:22 UTC-6	used
Standard 5	1	2.000	20.0	1.0	1.0	0.2048	CAL5	2022-12-07 03:34:53 UTC-6	used
Standard 6	1	4.000	20.0	1.0	1.0	0.4568	CAL6	2022-12-07 03:49:24 UTC-6	used
Standard 7	1	8.000	20.0	1.0	1.0	0.9716	CAL7	2022-12-07 04:03:54 UTC-6	used

Nitrate (Anions)

Function: . . . . . *A = - 0.0315260 + 0.0377226× Q*

Relative standard deviation . . . . . *2.774276 %*

Correlation coefficient *0.999822*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	20.0	1.0	1.0	n. d.	CAL1	2022-12-07 02:36:46 UTC-6	used
Standard 2	1	0.080	20.0	1.0	1.0	0.0365	CAL2	2022-12-07 02:51:20 UTC-6	used
Standard 3	1	0.160	20.0	1.0	1.0	0.0843	CAL3	2022-12-07 03:05:53 UTC-6	used
Standard 4	1	0.400	20.0	1.0	1.0	0.2391	CAL4	2022-12-07 03:20:22 UTC-6	used
Standard 5	1	2.000	20.0	1.0	1.0	1.4193	CAL5	2022-12-07 03:34:53 UTC-6	used
Standard 6	1	4.000	20.0	1.0	1.0	3.0109	CAL6	2022-12-07 03:49:24 UTC-6	used
Standard 7	1	8.000	20.0	1.0	1.0	6.0752	CAL7	2022-12-07 04:03:54 UTC-6	used

Phosphate (Anions)

Function: . . . . . .

Relative standard deviation . . . . . *invalid %*

Correlation coefficient . . . . . *invalid*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	20.0	1.0	1.0	n. d.	CAL1	2022-12-07 02:36:46 UTC-6	used
Standard 2	1	0.000	20.0	1.0	1.0	n. d.	CAL2	2022-12-07 02:51:20 UTC-6	used
Standard 3	1	0.000	20.0	1.0	1.0	n. d.	CAL3	2022-12-07 03:05:53 UTC-6	used
Standard 4	1	0.000	20.0	1.0	1.0	n. d.	CAL4	2022-12-07 03:20:22 UTC-6	used
Standard 5	1	0.000	20.0	1.0	1.0	n. d.	CAL5	2022-12-07 03:34:53 UTC-6	used
Standard 6	1	0.000	20.0	1.0	1.0	n. d.	CAL6	2022-12-07 03:49:24 UTC-6	used
Standard 7	1	0.000	20.0	1.0	1.0	n. d.	CAL7	2022-12-07 04:03:54 UTC-6	used

Sulfate (Anions)

Function: . . . . . *A = - 0.172688 + 0.0113424× Q*

Relative standard deviation . . . . . *1.886369 %*

Correlation coefficient *0.999917*

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 1	1	0.000	20.0	1.0	1.0	n. d.	CAL1	2022-12-07 02:36:46 UTC-6
Standard 2	1	1.000	20.0	1.0	1.0	0.0759	CAL2	2022-12-07 02:51:20 UTC-6
Standard 3	1	2.000	20.0	1.0	1.0	0.2392	CAL3	2022-12-07 03:05:53 UTC-6
Standard 4	1	5.000	20.0	1.0	1.0	0.8454	CAL4	2022-12-07 03:20:22 UTC-6
Standard 5	1	25.000	20.0	1.0	1.0	5.5679	CAL5	2022-12-07 03:34:53 UTC-6

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date
Standard 6	1	50.000	20.0	1.0	1.0	11.3602	CAL6	2022-12-07 03:49:24 UTC-6
Standard 7	1	100.000	20.0	1.0	1.0	22.4223	CAL7	2022-12-07 04:03:54 UTC-6

CAL1 | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 02:36:46

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte

CAL2 | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 02:51:20

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
min	ppm	ppm		
3.11	0.020	0.023	115.0	Fluoride
4.21	1.000	0.991	99.1	Chloride
4.85	0.080	0.085	106.8	Nitrite
5.85	0.080	0.094	118.0	Bromide
6.57	0.080	0.090	113.0	Nitrate
10.15	1.000	1.117	111.7	Sulfate

CAL3 | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 03:05:53

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
min	ppm	ppm		
3.11	0.040	0.039	97.7	Fluoride
4.21	2.000	1.995	99.8	Chloride
4.86	0.160	0.153	95.7	Nitrite
5.85	0.160	0.159	99.1	Bromide
6.56	0.160	0.154	96.0	Nitrate
10.16	2.000	1.808	90.4	Sulfate

CAL4 | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 03:20:22

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
min	ppm	ppm		
3.11	0.100	0.088	87.6	Fluoride
4.21	5.000	5.064	101.3	Chloride
4.85	0.400	0.379	94.7	Nitrite
5.84	0.400	0.351	87.6	Bromide
6.54	0.400	0.359	89.8	Nitrate
10.15	5.000	4.491	89.8	Sulfate

CAL5 | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 03:34:53

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
min	ppm	ppm		
3.11	0.500	0.467	93.4	Fluoride
4.22	25.000	25.102	100.4	Chloride
4.85	2.000	2.023	101.2	Nitrite
5.83	2.000	1.795	89.7	Bromide
6.51	2.000	1.926	96.3	Nitrate
10.13	25.000	25.344	101.4	Sulfate

CAL6 | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 03:49:24

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
min	ppm	ppm		
3.11	1.000	0.990	99.0	Fluoride
4.23	50.000	50.730	101.5	Chloride
4.84	4.000	4.091	102.3	Nitrite
5.82	4.000	3.950	98.7	Bromide
6.49	4.000	4.036	100.9	Nitrate
10.10	50.000	50.871	101.7	Sulfate

CAL7 | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 04:03:54

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
min	ppm	ppm		
3.11	2.000	2.060	103.0	Fluoride
4.26	100.000	99.222	99.2	Chloride
4.84	8.000	7.913	98.9	Nitrite
5.81	8.000	8.350	104.4	Bromide
6.48	8.000	8.094	101.2	Nitrate
10.06	100.000	99.604	99.6	Sulfate

ICV | Dilution 1 | EPA 300.0 - 9056A | Determination start 2022-12-07 04:18:24

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
min	ppm	ppm		
3.11		0.974		Fluoride
4.23		49.705		Chloride
4.84		4.089		Nitrite
5.82		3.900		Bromide
6.50		4.024		Nitrate
10.10		50.273		Sulfate

Instrument: 10WT95
Analyst: KEO

ICB	Dilution 1	EPA 300.0 - 9056A	Determination start 2022-12-07 04:32:58

Anions

Retention Time	True Value	Concentration	% Recovery	Analyte
10.15		0.772		Sulfate

CAL1 EPA 300.0 - 9056A Anions Determination start 2022-12-07 02:36:46

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

CAL2 EPA 300.0 - 9056A Anions Determination start 2022-12-07 02:51:20

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.038	0.0059	0.023	Fluoride
4.21	1.709	0.2210	0.991	Chloride
4.85	0.228	0.0353	0.085	Nitrite-N
5.85	0.036	0.0063	0.094	Bromide
6.57	0.195	0.0365	0.090	Nitrate-N
			0.176	Nitrite+Nitrate
10.15	0.298	0.0759	1.117	Sulfate

CAL3 EPA 300.0 - 9056A Anions Determination start 2022-12-07 03:05:53

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.087	0.0132	0.039	Fluoride
4.21	4.202	0.5342	1.995	Chloride
4.86	0.533	0.0804	0.153	Nitrite-N
5.85	0.080	0.0138	0.159	Bromide
6.56	0.463	0.0843	0.154	Nitrate-N
			0.307	Nitrite+Nitrate
10.16	0.966	0.2392	1.808	Sulfate

CAL4 EPA 300.0 - 9056A Anions Determination start 2022-12-07 03:20:22

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.231	0.0354	0.088	Fluoride
4.21	11.629	1.4884	5.064	Chloride
4.85	1.583	0.2313	0.379	Nitrite-N
5.84	0.215	0.0362	0.351	Bromide
6.54	1.369	0.2391	0.359	Nitrate-N
			0.738	Nitrite+Nitrate
10.15	3.478	0.8454	4.491	Sulfate

CAL5 EPA 300.0 - 9056A Anions Determination start 2022-12-07 03:34:53

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	1.517	0.2086	0.467	Fluoride
4.22	59.355	7.7167	25.102	Chloride
4.85	8.842	1.3321	2.023	Nitrite-N
5.83	1.300	0.2048	1.795	Bromide
6.51	8.206	1.4193	1.926	Nitrate-N
			3.950	Nitrite+Nitrate
10.13	22.328	5.5679	25.344	Sulfate

CAL6 EPA 300.0 - 9056A Anions Determination start 2022-12-07 03:49:24

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.316	0.4479	0.990	Fluoride
4.23	117.208	15.6941	50.730	Chloride
4.84	17.133	2.7112	4.091	Nitrite-N
5.82	2.951	0.4568	3.950	Bromide
6.49	17.164	3.0109	4.036	Nitrate-N
			8.127	Nitrite+Nitrate
10.10	44.848	11.3602	50.871	Sulfate

CAL7 EPA 300.0 - 9056A Anions Determination start 2022-12-07 04:03:54

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	6.744	0.9365	2.060	Fluoride
4.26	207.717	30.8033	99.222	Chloride
4.84	31.081	5.2655	7.913	Nitrite-N
5.81	6.200	0.9716	8.350	Bromide
6.48	34.015	6.0752	8.094	Nitrate-N
			16.007	Nitrite+Nitrate
10.06	85.513	22.4223	99.604	Sulfate

ICV EPA 300.0 - 9056A Anions Determination start 2022-12-07 04:18:24

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.324	0.4404	0.974	Fluoride
4.23	114.860	15.3878	49.705	Chloride
4.84	17.124	2.7105	4.089	Nitrite-N
5.82	2.906	0.4512	3.900	Bromide
6.50	17.083	3.0043	4.024	Nitrate-N
			8.113	Nitrite+Nitrate
10.10	44.380	11.2315	50.273	Sulfate

ICB EPA 300.0 - 9056A Anions Determination start 2022-12-07 04:32:58

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.15	0.009	0.0025	0.772	Sulfate

CRDL EPA 300.0 - 9056A Anions Determination start 2022-12-07 04:47:28

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.100	0.0159	0.045	Fluoride
4.21	1.636	0.2124	0.960	Chloride
4.85	0.218	0.0338	0.083	Nitrite-N
5.85	0.035	0.0060	0.092	Bromide
6.57	0.193	0.0363	0.090	Nitrate-N
			0.173	Nitrite+Nitrate
10.15	0.438	0.1111	1.251	Sulfate

CCVA EPA 300.0 - 9056A Anions Determination start 2022-12-07 05:02:05

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	6.808	0.9498	2.089	Fluoride
4.26	209.005	30.9586	99.721	Chloride
4.84	31.320	5.3028	7.969	Nitrite-N
5.82	6.283	0.9839	8.455	Bromide
6.48	34.989	6.2441	8.318	Nitrate-N
			16.287	Nitrite+Nitrate
10.07	86.477	22.7020	100.837	Sulfate

10635844004_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 05:16:35

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.258	0.0451	0.109	Fluoride
4.45	511.754	136.4010	438.415	Chloride
				Nitrite-N
5.97	0.150	0.0227	0.235	Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.13	64.751	16.3534	72.851	Sulfate

4529176_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 05:31:10

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	2.972	0.4929	1.089	Fluoride
4.45	510.801	137.3434	441.442	Chloride
				Nitrite-N
5.94	3.456	0.5052	4.361	Bromide
6.58	18.283	3.0787	4.123	Nitrate-N
			4.123	Nitrite+Nitrate
10.09	99.019	25.9683	115.236	Sulfate

4529177_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 05:45:41

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.033	0.5052	1.116	Fluoride
4.46	512.178	139.4676	448.265	Chloride
				Nitrite-N
5.95	3.507	0.5127	4.425	Bromide
6.59	18.548	3.1231	4.181	Nitrate-N
			4.181	Nitrite+Nitrate
10.09	101.193	26.5974	118.009	Sulfate

4529175_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 06:14:41

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.436	0.4527	1.001	Fluoride
4.23	116.245	15.6024	50.395	Chloride
4.84	17.125	2.7239	4.109	Nitrite-N
5.83	2.946	0.4569	3.949	Bromide
6.50	17.387	3.0596	4.097	Nitrate-N
			8.206	Nitrite+Nitrate
10.11	44.880	11.3546	50.815	Sulfate

10635206001_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 06:29:11

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

10635419001_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 06:43:43

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

10636011019_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 06:58:12

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	0.367	0.0669	0.157	Fluoride
				Chloride
				Nitrite-N
5.97	0.184	0.0278	0.279	Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.07	132.916	35.9577	159.271	Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2022-12-07 07:12:43

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.521	0.4592	1.015	Fluoride
4.23	116.223	15.5694	50.289	Chloride
4.85	17.186	2.7393	4.132	Nitrite-N
5.83	2.952	0.4578	3.956	Bromide
6.51	17.272	3.0409	4.072	Nitrate-N
			8.205	Nitrite+Nitrate
10.12	45.284	11.4655	51.304	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2022-12-07 07:27:18

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
4.21	0.030	0.0044	0.292	Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

10636011020_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 07:41:49

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.359	0.0655	0.154	Fluoride
				Chloride
				Nitrite-N
5.97	0.187	0.0282	0.282	Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.07	133.901	36.3354	160.937	Sulfate

Instrument: 10WT95
Analyst: KEO / AR3

10635496001_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 07:56:23

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
4.22	0.073	0.0107	0.312	Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.17	0.009	0.0024	0.772	Sulfate

10636022001_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 08:10:50

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	0.130	0.0256	0.066	Fluoride
				Chloride
4.61	651.525	240.9498	360.652	Nitrite-N
5.97	0.198	0.0301	0.298	Bromide
				Nitrate-N
			360.652	Nitrite+Nitrate
10.04	160.602	45.2777	200.356	Sulfate

10636022002_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 08:25:17

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.182	0.0246	0.064	Fluoride
4.43	415.321	103.5423	332.869	Chloride
				Nitrite-N
5.97	0.144	0.0220	0.229	Bromide
6.66	0.032	0.0054	0.049	Nitrate-N
			0.049	Nitrite+Nitrate
10.13	70.855	18.1051	80.573	Sulfate

10636022003_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 08:39:45

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.09	0.168	0.0394	0.096	Fluoride
				Chloride
4.63	768.009	322.7419	483.067	Nitrite-N
6.06	0.136	0.0194	0.206	Bromide
				Nitrate-N
			483.067	Nitrite+Nitrate
10.23	11.714	2.8274	13.225	Sulfate

10636022004_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 08:54:15

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.12	0.667	0.0983	0.225	Fluoride
4.28	56.459	10.3425	33.499	Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.16	38.004	9.4502	42.420	Sulfate

10636011019_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 09:08:43

Anions

Instrument Dilution Factor: 10

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.041	0.0061	0.024	Fluoride
4.24	127.385	17.5224	56.562	Chloride
				Nitrite-N
5.87	0.013	0.0021	0.059	Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.16	13.154	3.2224	14.967	Sulfate

10635844004_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 09:22:56

Anions

Instrument Dilution Factor: 10

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.12	0.028	0.0045	0.020	Fluoride
4.24	96.228	12.9707	41.941	Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.17	5.777	1.3919	6.897	Sulfate

4529176_54386x10 EPA 300.0 - 9056A Anions Determination start 2022-12-07 09:37:09

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.568	0.4793	1.059	Fluoride
4.26	208.107	30.9045	99.547	Chloride
4.86	15.518	2.7943	4.214	Nitrite-N
5.85	3.213	0.4841	4.181	Bromide
6.52	18.387	3.1868	4.266	Nitrate-N
			8.480	Nitrite+Nitrate
10.12	53.828	13.6595	60.976	Sulfate

4529177_54386x10 EPA 300.0 - 9056A Anions Determination start 2022-12-07 09:51:40

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.689	0.4985	1.101	Fluoride
4.26	212.154	31.8014	102.428	Chloride
4.86	15.986	2.9077	4.384	Nitrite-N
5.85	3.320	0.5016	4.330	Bromide
6.51	18.947	3.2931	4.407	Nitrate-N
			8.791	Nitrite+Nitrate
10.11	55.513	14.1267	63.035	Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2022-12-07 10:06:08

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.514	0.4593	1.015	Fluoride
4.23	116.251	15.5878	50.348	Chloride
4.85	17.254	2.7433	4.138	Nitrite-N
5.83	2.958	0.4591	3.967	Bromide
6.50	17.316	3.0474	4.081	Nitrate-N
			8.219	Nitrite+Nitrate
10.11	45.337	11.4740	51.341	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2022-12-07 10:20:40

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
4.22	0.018	0.0027	0.287	Chloride
4.86	0.013	0.0021	0.035	Nitrite-N
				Bromide
				Nitrate-N
			0.035	Nitrite+Nitrate
				Sulfate

4529174_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 10:35:09

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

10636011020_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 10:49:41

Anions

Instrument Dilution Factor: 10

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.040	0.0058	0.023	Fluoride
4.24	127.736	17.4748	56.409	Chloride
				Nitrite-N
5.86	0.014	0.0022	0.059	Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.15	13.030	3.1773	14.768	Sulfate

10636022001_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 11:03:55

Anions

Instrument Dilution Factor: 5

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.032	0.0050	0.021	Fluoride
4.29	278.627	46.1048	148.372	Chloride
				Nitrite-N
5.87	0.030	0.0047	0.080	Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.13	34.351	8.5299	38.363	Sulfate

10636022002_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 11:18:08

Anions

Instrument Dilution Factor: 5

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.041	0.0052	0.022	Fluoride
4.25	136.151	19.2946	62.254	Chloride
				Nitrite-N
5.88	0.023	0.0037	0.072	Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.16	12.993	3.1656	14.716	Sulfate

10636022003_54386 EPA 300.0 - 9056A Anions Determination start 2022-12-07 11:32:21

Anions

Instrument Dilution Factor: 10

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.025	0.0037	0.018	Fluoride
4.27	206.173	30.6755	98.811	Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.17	0.821	0.2020	1.652	Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2022-12-07 12:01:20

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.499	0.4574	1.011	Fluoride
4.23	116.108	15.5877	50.347	Chloride
4.84	17.214	2.7346	4.125	Nitrite-N
5.82	2.956	0.4586	3.963	Bromide
6.50	17.326	3.0470	4.081	Nitrate-N
			8.206	Nitrite+Nitrate
10.12	45.341	11.4708	51.327	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2022-12-07 12:15:58

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

CRDL EPA 300.0 - 9056A Anions Determination start 2022-12-07 13:00:23

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	0.105	0.0159	0.045	Fluoride
4.21	1.743	0.2261	1.004	Chloride
4.85	0.227	0.0351	0.085	Nitrite-N
5.85	0.037	0.0064	0.095	Bromide
6.57	0.202	0.0380	0.092	Nitrate-N
			0.177	Nitrite+Nitrate
10.15	0.422	0.1064	1.230	Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2022-12-07 13:35:43

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.11	3.375	0.4440	0.982	Fluoride
4.23	115.862	15.5219	50.136	Chloride
4.84	17.239	2.7280	4.115	Nitrite-N
5.82	2.941	0.4562	3.942	Bromide
6.49	17.262	3.0336	4.063	Nitrate-N
			8.178	Nitrite+Nitrate
10.10	44.766	11.3117	50.626	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2022-12-07 13:50:19

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2023-01-06 23:52:30

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.09	3.534	0.4508	0.997	Fluoride
4.20	116.441	15.6408	50.518	Chloride
4.80	17.211	2.7452	4.141	Nitrite-N
5.76	2.827	0.4576	3.954	Bromide
6.43	16.102	2.9885	4.003	Nitrate-N
			8.144	Nitrite+Nitrate
10.00	41.783	11.4937	51.428	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2023-01-07 00:07:04

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

CRDL EPA 300.0 - 9056A Anions Determination start 2023-01-07 00:21:33

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	0.095	0.0133	0.039	Fluoride
4.18	1.600	0.2061	0.940	Chloride
4.81	0.204	0.0317	0.080	Nitrite-N
5.79	0.032	0.0058	0.090	Bromide
6.49	0.166	0.0326	0.085	Nitrate-N
			0.165	Nitrite+Nitrate
10.04	0.232	0.0644	1.045	Sulfate

CCVA EPA 300.0 - 9056A Anions Determination start 2023-01-07 00:36:10

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.09	7.334	0.9808	2.157	Fluoride
4.22	211.663	31.0540	100.027	Chloride
4.79	31.353	5.3179	7.992	Nitrite-N
5.75	5.977	0.9803	8.425	Bromide
6.41	32.209	6.0709	8.089	Nitrate-N
			16.080	Nitrite+Nitrate
9.97	81.971	23.1157	102.661	Sulfate

10638993001_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 00:50:40

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	0.665	0.0922	0.212	Fluoride
4.19	13.074	1.9477	6.534	Chloride
				Nitrite-N
				Bromide
6.48	14.586	2.5795	3.461	Nitrate-N
			3.461	Nitrite+Nitrate
10.04	44.503	12.3673	55.279	Sulfate

4551957_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 01:05:15

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.09	4.234	0.5646	1.246	Fluoride
4.20	119.652	17.7266	57.218	Chloride
4.81	8.882	1.7433	2.641	Nitrite-N
5.84	3.210	0.4706	4.065	Bromide
6.46	30.894	5.5056	7.339	Nitrate-N
			9.981	Nitrite+Nitrate
10.01	80.899	22.9801	102.063	Sulfate

4551958_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 01:19:46

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.09	4.243	0.5693	1.256	Fluoride
4.20	120.046	17.8490	57.611	Chloride
4.82	9.048	1.7813	2.698	Nitrite-N
5.84	3.219	0.4747	4.100	Bromide
6.47	30.898	5.5295	7.371	Nitrate-N
			10.069	Nitrite+Nitrate
10.01	81.012	23.0686	102.453	Sulfate

10638993002_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 02:03:15

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	0.659	0.0898	0.207	Fluoride
4.19	13.093	1.9614	6.578	Chloride
				Nitrite-N
				Bromide
6.49	14.540	2.5921	3.477	Nitrate-N
			3.477	Nitrite+Nitrate
10.05	44.415	12.3977	55.413	Sulfate

10638993003_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 02:17:48

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
4.18	0.026	0.0039	0.290	Chloride
				Nitrite-N
				Bromide
6.51	0.018	0.0038	0.047	Nitrate-N
			0.047	Nitrite+Nitrate
				Sulfate

10638993004_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 02:32:17

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
4.18	0.015	0.0022	0.285	Chloride
				Nitrite-N
				Bromide
6.51	0.013	0.0027	0.045	Nitrate-N
			0.045	Nitrite+Nitrate
				Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2023-01-07 02:46:45

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	3.576	0.4538	1.003	Fluoride
4.20	117.047	15.6723	50.619	Chloride
4.80	17.329	2.7601	4.163	Nitrite-N
5.76	2.854	0.4612	3.985	Bromide
6.42	16.185	3.0000	4.018	Nitrate-N
			8.181	Nitrite+Nitrate
10.01	41.800	11.5153	51.523	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2023-01-07 03:01:19

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

4551955_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 03:15:48

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

4551956_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 03:30:20

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	3.639	0.4669	1.032	Fluoride
4.20	117.158	15.6745	50.626	Chloride
4.80	17.307	2.7486	4.146	Nitrite-N
5.76	2.830	0.4567	3.946	Bromide
6.42	16.090	2.9774	3.988	Nitrate-N
			8.134	Nitrite+Nitrate
10.01	42.035	11.5842	51.827	Sulfate

10638875001_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 03:44:49

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

10638984001_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 03:59:19

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.08	2.653	0.3567	0.791	Fluoride
4.18	28.698	4.0043	13.140	Chloride
				Nitrite-N
5.79	0.033	0.0066	0.097	Bromide
6.50	0.666	0.1388	0.226	Nitrate-N
			0.226	Nitrite+Nitrate
9.74	515.008	184.8724	815.723	Sulfate

10638984002_54623 EPA 300.0 - 9056A Anions Determination start 2023-01-07 04:13:47

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.09	4.814	0.7699	1.695	Fluoride
4.28	50.508	7.2686	23.625	Chloride
4.91	0.155	0.0184	0.060	Nitrite-N
5.67	0.049	0.0110	0.135	Bromide
6.49	0.523	0.1268	0.210	Nitrate-N
			0.270	Nitrite+Nitrate
9.54	674.125	397.9073	1754.832	Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2023-01-07 04:42:47

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	3.659	0.4598	1.017	Fluoride
4.20	118.092	15.7138	50.752	Chloride
4.80	17.290	2.7420	4.136	Nitrite-N
5.76	2.887	0.4638	4.007	Bromide
6.43	16.331	3.0127	4.035	Nitrate-N
			8.171	Nitrite+Nitrate
10.02	42.143	11.5532	51.691	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2023-01-07 04:57:23

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
10.07	0.015	0.0047	0.782	Sulfate

CCV EPA 300.0 - 9056A Anions Determination start 2023-01-07 15:47:39

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	3.631	0.4560	1.008	Fluoride
4.20	118.949	15.8121	51.068	Chloride
4.80	17.687	2.7791	4.192	Nitrite-N
5.76	2.916	0.4665	4.031	Bromide
6.42	16.526	3.0314	4.060	Nitrate-N
			8.252	Nitrite+Nitrate
10.01	42.599	11.6245	52.005	Sulfate

CCB EPA 300.0 - 9056A Anions Determination start 2023-01-07 16:02:17

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
				Fluoride
				Chloride
				Nitrite-N
				Bromide
				Nitrate-N
			0.000	Nitrite+Nitrate
				Sulfate

CRDL EPA 300.0 - 9056A Anions Determination start 2023-01-07 17:29:18

Anions

Instrument Dilution Factor: 1

Retention Time (min)	Height (µS/cm)	Area [(µS/cm)×min]	Concentration (mg/L)	Analyte
3.10	0.103	0.0142	0.041	Fluoride
4.18	1.757	0.2242	0.998	Chloride
4.81	0.223	0.0344	0.084	Nitrite-N
5.79	0.035	0.0062	0.094	Bromide
6.49	0.172	0.0335	0.086	Nitrate-N
			0.170	Nitrite+Nitrate
10.06	0.265	0.0729	1.083	Sulfate