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ANCHOR QEA

Memorandum

April 23, 2020

To: Panjini Balaraju and Andy Smith, Washington State Department of Ecology

From: Nik Bacher, Anchor QEA, LLC

cc: Sarah Weeks, Port of Tacoma

Re: Groundwater Monitoring Report
Former Wasser & Winters Log Sort Yard
Consent Decree No. 93-2-08684-4
Washington State Department of Ecology Facility Site ID #1218
Monitoring date: February 27, 2020

Introduction

This report summarizes field activities and presents results of a supplemental groundwater sampling event conducted by Anchor QEA, LLC, on behalf of the Port of Tacoma (Port) at the Former Wasser & Winters Log Sort Yard facility located at 1602 Marine View Drive in Tacoma, Washington (Site) (Figure 1). Groundwater sampling activities were conducted in accordance with the requirements set forth in Consent Decree 93-2-08684-4, dated August 1993, between the Port and the Washington State Department of Ecology (Ecology; 1993).

In 2011, Ecology approved the removal of copper, lead, and zinc from the Site groundwater monitoring analyte list (Ecology 2011a). In addition, a memorandum of understanding between Ecology and the Port reaffirming the 30-month monitoring frequency was issued on September 12, 2011 (Ecology 2011b). The last compliance groundwater monitoring event was conducted in August 2019 (Anchor QEA 2019) and the next compliance groundwater monitoring event is scheduled for February 2021.

In September 2019, Ecology conducted a periodic review of post-cleanup Site conditions and monitoring data to ensure that human health and the environment are being protected (Ecology 2019). The findings of that report concluded that the Site appears to meet the requirements of Chapter 173-340 Washington Administrative Code and the selected remedy continues to be protective of human health and the environment. The next 5-year review is expected in 2024.

The supplemental February 2020 groundwater monitoring event described in this report was conducted to gather additional information on the effectiveness of the low-permeability asphalt cap repairs that were performed in October 2017 and to gather another round of data for the three new wells installed in 2019.

Site Background

From 1972 to 1984, the Wasser & Winters Company operated the Site as a log sort yard. In the 1970s and early 1980s, slag generated by Asarco Incorporated of Tacoma, Washington, was placed on the Site for use as roadbed or ballast. Ecology detected elevated concentrations of metals in surface water samples collected from the Site between November 1983 and June 1984 and concluded that the metals leached from the slag (Norton and Johnson 1985).

In October 1991, Ecology and the Port entered into an Agreed Order (Ecology 1991) to complete a remedial investigation/feasibility study, which was followed by Consent Decree 93-2-08684-4 for remedial action on the 11.4-acre parcel (Ecology 1993).

Construction of a low-permeability asphalt cap and stormwater drainage system was completed in 1995 in accordance with the Final Engineering and Design Report (Kennedy Jenks 1993). The cap covered the portion of the Site containing Asarco slag.

The property is owned by the Port. The northern part of the Site has been leased to WJR Tacoma, LLC, since 1996 and operated as Calbag Metals (Calbag), a scrap metal recycling facility. In July 2001, the tenant began construction of an 85,080-square-foot building, which was completed in December 2001 on the northern portion of the capped area. In 2007, Calbag leased the southern portion of the cap (3.74 acres) and operated through the Spring of 2016. Calbag vacated the southern 3.4 acres of the property in 2016, at which time portions of the pavement previously under scrap metal piles and equipment were exposed. The Port contracted an engineering consultant to survey the asphalt cap, which found cracks, gouges, alligatoring, and other conditions that needed repair. In October 2017 the Port repaired the southern 3.4 acres of the site by grinding down the top 3/4 inch of asphalt, installing a geotextile fabric, and placing a 2-inch asphalt lift. In 2018 Calbag entered a new lease for the 3.4-acre area; use is restricted to equipment storage. The repairs appeared to be in good condition during the 2019 inspection (Windward 2019).

Groundwater Monitoring

On February 27, 2020, groundwater samples were collected during falling tides[1] from all four existing site wells (CMW-1 through CMW-4) shown on Figure 2. Groundwater monitoring field forms are included in Appendix A.

The groundwater level in each well was measured prior to sampling. The groundwater samples were collected from the well using low-flow sampling techniques. After water quality parameters had stabilized the pump was turned off and a 0.45-micron filter was attached to the sampling tubing prior to the pump being turned back on to collect groundwater samples. The samples were collected

[1] High tide (11.87 feet MLLW) occurred at 07:17 and low tide (3.12 feet MLLW) occurred at 13:33 on February 27, 2020. Groundwater samples were collected between 09:35 and 12:45.

directly into laboratory-provided bottles and were immediately placed in a cooler on ice. The cooler was kept under standard chain-of-custody procedures prior to being delivered to Analytical Resources, Inc. Samples were analyzed for dissolved arsenic via EPA Method 200.8. Data validation was performed under Stage 2B guidelines in accordance with EPA *National Functional Guidelines for Inorganic Superfund Methods Data Review* (EPA 2017).

Results

Analytical results are presented in Table 1 and water level data is presented in Table 2. Both these tables include historical data collected by prior consultants for reference. Laboratory data reports are included in Appendix B and the data validation report is included in Appendix C. Key findings were as follows:

- Dissolved arsenic was detected at a concentration of 12.7 micrograms per liter (µg/L) in CMW-1, 7.84 µg/L in CMW-2, 196 µg/L in CMW-3, and 7.52 µg/L in CMW-4. The value for CMW-3 exceeds the groundwater cleanup level of 36 µg/L.

Dissolved arsenic concentrations in CMW-3 from 1994 to present are presented on Figure 3. The concentration trend was stable until after the July 2009 sampling event. Measured dissolved arsenic concentrations from monitoring events conducted after July 2009 through February 2017 were all higher than the values collected during monitoring events up until 2009. The cap was repaired in October 2017 and since then the dissolved arsenic concentrations in CMW-3 have decreased, indicating that the cap repair has sealed off surface water infiltration over the cap area allowing for the higher arsenic concentrations previously observed in CMW-3 to naturally recover.

Recommendations

The dissolved arsenic concentrations in groundwater will continue to be monitored in accordance with the Consent Decree, as amended. The next scheduled sampling event will occur in February 2021. Groundwater monitoring results will be submitted to Ecology within 45 days after completion of data validation.

References

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Boateng & Associates, Inc., 2000. "Well Abandonment at Former Wasser & Winters Site, Port of Tacoma, 1602 Marine View Drive, Tacoma, Washington." Letter to Mary Mitchener, Port of Tacoma, from Kyle C. Miller, Boateng & Associates. August 29.

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Ecology, 2019. Second Periodic Review Report Final. Wasser Winters, Facilities Site ID# 1218. Washington State Department of Ecology, Southwest Regional Office, Toxics Cleanup Program, September 2019.

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Kennedy Jenks, 1993. *Final Engineering and Design Report, Wasser & Winters Site Log Sort Yard Site, Kennedy Jenks Consultants, Inc*. October 1993.

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Windward, 2019. *Environmental Cap and Drainage System Inspection Report: Former Wasser & Winters Log Sort Yard*. Prepared by Windward Environmental for Port of Tacoma. October 30, 2019

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Table 1
Analytical Results

Well ID	Date	Concentration (µg/L)			
		Dissolved Arsenic	Dissolved Copper	Dissolved Lead	Dissolved Zinc
Cleanup Criteria Levels[a]		36	2.9	8.5	86
CMW-1	02/07/94	**2**	**5**	**4**	**45**
	05/17/94	**2**	2 U	**4**	**6**
	08/17/94	**4**	2 U	**3**	**5**
	11/11/94	**3**	2 U	**1**	**8**
	5/17/1995[c]	**6**	2 U	1 U	4 U
		5	2 U	1 U	4 U
	09/29/95	5 U	2 U	**1**	4 U
	03/09/96	**5**	2 U	**1**	4 U
	10/08/96	1 U	2 U	**1**	4 U
	08/14/97	**2**	2 U	1 U	4 U
	12/30/97	**4**	2 U	1 U	**133**
	06/11/98	1 U	2 U	2 U	4 U
	12/22/98	1 U	2 U	5 U	4 U
	08/16/19	**6.12**	--	--	--
	02/27/20	**12.7**	--	--	--
CMW-2	2/7/1994[c]	1 U	**7**	**2**	**5**
		1	**12**	**1**	**8**
	05/17/94	1 U	**7**	**2**	**16**
	08/17/94	**2**	2 U	**4**	**17**
	11/11/94	**7**	**3**	**4**	**10**
	05/17/95	**3**	2 U	**4**	**17**
	09/29/95	**23**	2 U	1 U	4 U
	03/09/96	**10**	2 U	**1**	4 U
	10/08/96	**12**	2 U	1 U	4 U
	08/14/97	**18**	2 U	1 U	**4**
	12/30/1997[c]	**10**	2 U	1 U	**92**
		11	2 U	1 U	**16**
	06/11/98	**8**	2 U	1 U	**4**
	12/22/98	**8**	2 U	1 U	4 U
	08/16/19	**11**	--	--	--
	02/27/20	**7.84**	--	--	--
CMW-3	02/07/94	**49**	2 U	1 U	**8**
	5/17/1994[c]	**72**	2 U	**1**	**7**
		74	2 U	**2**	**5**
	8/17/1994[c]	**95**	2 U	1 U	**5**
		86	2 U	**2**	**8**
	11/11/1994[c]	**82**	2 U	**2**	**8**
		25	2 U	**2**	4 U
	05/17/95	**74**	2 U	1 U	**7**
	9/29/1995[c]	**100**	2 U	1 U	**5**
		102	2 U	1 U	4 U
	03/09/96	**82**	2 U	1 U	4 U
	10/8/1996[c]	**83**	2 U	1 U	4 U
		84	2 U	1 U	4 U
	8/14/1997[c]	**144**	2 U	1 U	**5**
		135	2 U	1 U	**7**
	12/30/97	**123**	2 U	1 U	**139**
	6/11/1998[c]	**89**	2 U	1 U	4 U
		86	2 U	1 U	4 U
	12/22/1998[c]	**190**	2 U	1 U	2 U
		170	2 U	1 U	2 U
	01/28/00	**7.2**	1 U	0.5 U	**99**
	7/16/2002[c]	**117**	**1.02**	0.5 U	**3.32**
		111	**0.979**	0.5 U	**4.67**
	2/23/2004[c]	**77.2**	**1.07**	0.2 U	**3.98**
		77.5	**1.06**	**0.675**	**4.79**
	7/26/2005[c]	**13.1**	**2.63**	2.5 U	5 U
		12.9	2.5 U	2.0 U	5 U
	01/30/07	**60**	**4.6**	2.0 U	**34**
	2/26/2008[c]	**12**	1.2 J	2.0 U	**47**
		11	0.8 J	2.0 U	**35**
	7/23/2009[c]	**41.3**	**1.5**	2.0 U	**2.7**
		41.7	**1.4**	0.2 U	**1.4**
	2/17/2012[c]	**2750**[b]	--	--	--
		3100[b]	--	--	--
	5/25/2012[c]	**471**	--	--	--
		455	--	--	--
	8/22/2014[c]	**346**	--	--	--
		353	--	--	--
	2/13/2017[c]	**925**	--	--	--
		899	--	--	--
	2/19/2018[c]	**168**	--	--	--
		201	--	--	--
	08/16/19	**154**	--	--	--
	02/27/20	**196**			

Table 1
Analytical Results

Well ID	Date	Concentration (µg/L)			
		Dissolved Arsenic	Dissolved Copper	Dissolved Lead	Dissolved Zinc
Cleanup Criteria Levels[a]		36	2.9	8.5	86
CMW-4	02/07/94	**6**	**3**	**2**	**13**
	05/17/94	**23**	2 U	**3**	**8**
	08/17/94	**33**	2 U	**2**	**6**
	11/11/94	**26**	**3**	**14**	**10**
	05/17/95	**24**	2 U	1 U	4 U
	09/29/95	**34**	2 U	1 U	**6**
	3/9/1996[c]	**18**	2 U	1 U	4 U
		18	2 U	1 U	4 U
	10/08/96	**26**	2 U	1 U	4 U
	08/14/97	**27**	2 U	1 U	4 U
	12/30/97	**21**	2 U	1 U	**146**
	06/11/98	**22**	2 U	1 U	**4**
	12/22/98	**28**	2 U	1 U	**9**
	8/16/2019[c]	**3.22**	--	--	--
		4.38	--	--	--
	2/27/2020[c]	**7.52**	--	--	--
		7.31	--	--	--

Notes:
Lead, zinc, and copper analyses were discontinued in 2011 with Ecology approval dated June 28, 2011 (Ecology 2011a).
Groundwater samples were analyzed for dissolved metals by EPA Method 200.8.
Monitoring wells CMW-1, CMW-2, and CMW-4 were decommissioned in 2000 (Boateng & Associates 2000). During an in-person meeting on April 3, 2019, Ecology requested that the three wells be re-installed. The wells were subsequently re-installed on July 10, 2019.
a. Groundwater cleanup levels established from EPA chronic marine criteria (WAC 173-201A).
b. Results from the February 2012 sampling event are considered invalid due to improper sampling procedures, resulting in higher than normal turbidity.
c. A duplicate sample was collected on this date. The duplicate sample results is the second row under this date.
Green Box Indicates exceedance of site cleanup level, as established in Consent Decree No. 93-2-08684-4
Bold: Detected result above laboratory reporting limit
--: Not analyzed
µg/L: micrograms per liter
Ecology: Washington State Department of Ecology
EPA: United State Environmental Protection Agency
J: Laboratory analytical result was detected above the method detection limit but below the quantitation limit
U: Compound analyzed, but not detected above detection limit

Table 2
Water Level Data

Well ID	Date	Top of Casing Elevation (feet MLLW)	Depth of Water Below Casing (feet)	Water Level Elevation (feet)
CMW-1	08/16/19	16.72	6.46	10.26
	02/27/20	16.72	5.9	10.82
CMW-2	08/16/19	19.08	8.82	10.26
	02/27/20	19.08	8.3	10.78
CMW-3	02/07/94	20.34	9.72	10.62
	05/17/94	20.34	9.83	10.51
	08/17/94	20.34	10.24	10.1
	11/11/94	20.34	10.47	9.87
	05/17/95	20.34	9.48	10.86
	09/29/95	20.34	10.37	9.97
	03/09/96	20.34	8.51	11.83
	10/08/96	20.34	10.24	10.1
	08/14/97	20.34	9.76	10.58
	12/30/97	20.34	8.8	11.54
	06/11/98	20.34	9.68	10.66
	12/22/98	20.34	8.75	11.59
	08/13/99	20.34	10.05	10.29
	01/28/00	20.34	8.76	11.58
	01/08/01	20.34	9.92	10.42
	07/16/02	20.34	9.81	10.53
	02/23/04	20.34	9.45	10.89
	07/26/05	20.34	10.04	10.3
	01/30/07	20.34	9.88	10.46
	02/26/08	20.34	9.24	11.1
	07/23/09	20.34	10.18	10.16
	02/17/12	20.34	10.21	10.13
	05/25/12	20.34	9.85	10.49
	08/22/14	20.34	9.98	10.36
	02/13/17	20.34	8.82	11.52
	08/16/19	20.34	10.05	10.29
	02/27/20	20.34	9.36	10.98
CMW-4	08/16/19	20.12	8.87	11.25
	02/27/20	20.12	8.74	11.38

Notes:
Top of Casing elevation from Sitts & Hill Survey, September 2019.
Depth to water measured from reference point on top of well casing.
MLLW: mean lower low water

Figures

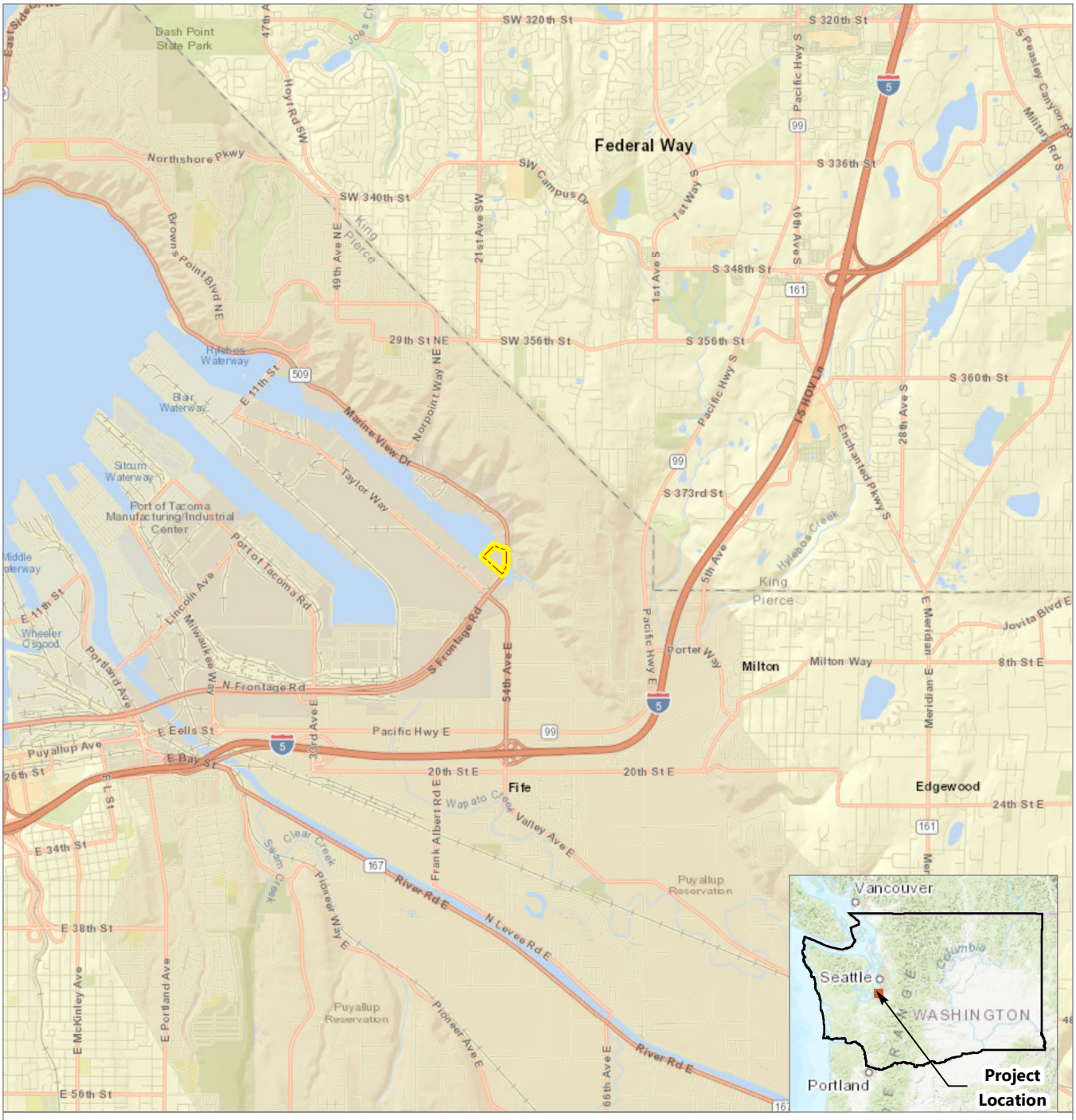

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Figure 1
Site Vicinity Map
Groundwater Monitoring Report
Former Wasser & Winters Log Sort Yard

LEGEND:

- Monitoring Well Location [1]
- Catch Basin
- Manhole
- Oil/Water Separator (Former Spill Containment Vessel)
- Stormwater Conveyance System
- Existing Ecology Block Wall
- Property Boundary

NOTES:

1. Monitoring wells CMW-2 and CMW-3 arelocated outside the wall.
2. Imagery from City of Tacoma 2018.

0 100
Feet

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Figure 2
Compliance Groundwater Quality Monitoring Locations
Former Wasser & Winters Log Sort Yard
Port of Tacoma

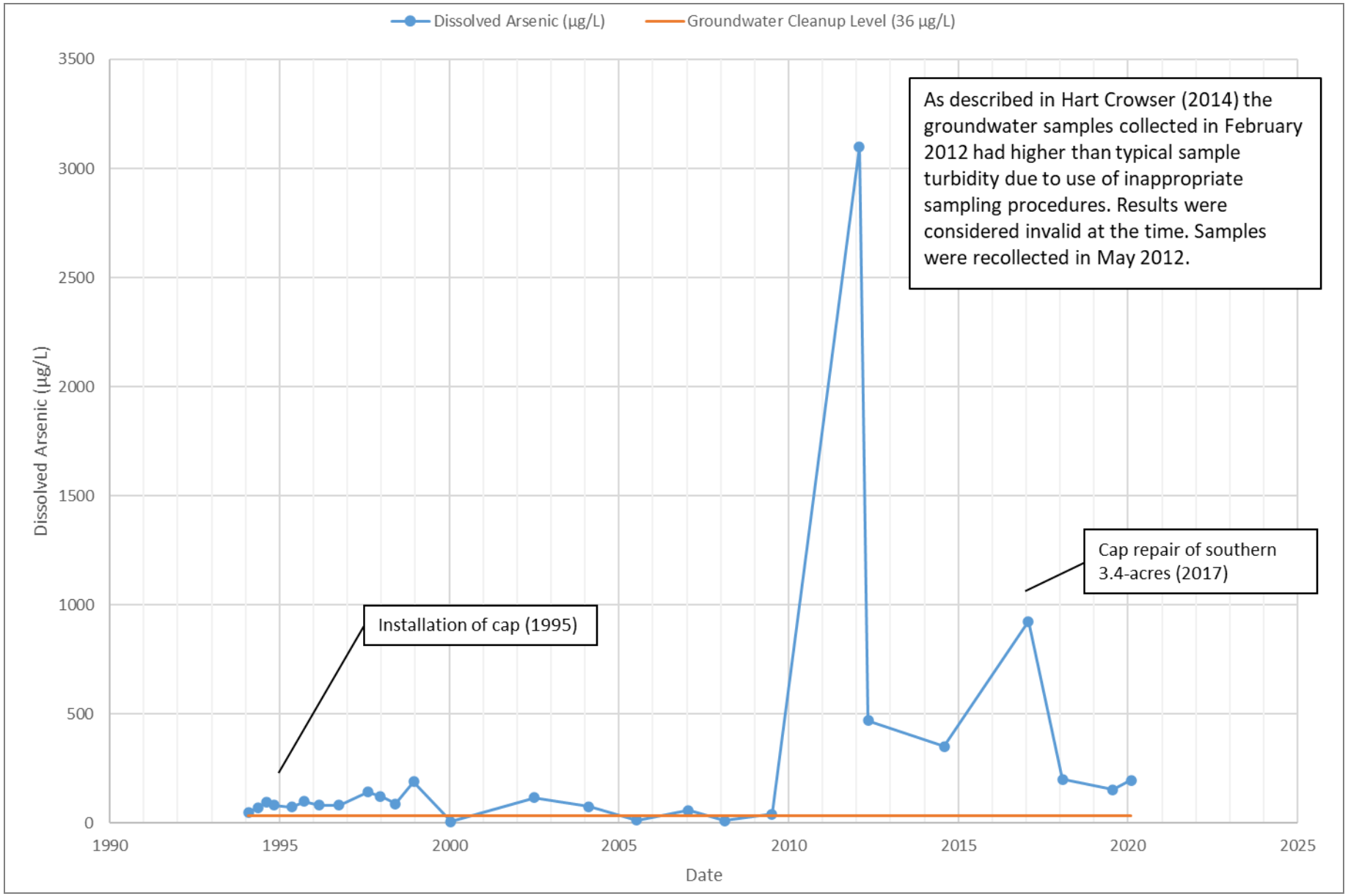

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Figure 3
Dissolved Arsenic Concentration Trends
Groundwater Monitoring Report
Former Wasser & Winters Log Sort Yard

Appendix A
Field Forms

Daily Log

ANCHOR QEA

Anchor QEA, LLC
720 Olive Way, Suite 1900
Seattle, WA 98101
Phone 206.287.9130 Fax 206.287.9131

200092-01.01 T2

PROJECT NAME: Port of Tacoma: Wasser Winter **DATE:** 02-27-2020

SITE ADDRESS: Tacoma, WA **PERSONNEL:** S. Smith

WEATHER: **WIND FROM:** N | NE | E | SE | S | SW | W | NW

SUNNY | CLOUDY | RAIN | ?

LIGHT | MEDIUM | HEAVY

TEMPERATURE: °F 50 . °C

[Circle appropriate units]

TIME	COMMENTS
0730	MOBE AT SEATTLE OFFICE
0830	ON SITE AT WASSER WINTER (CH2MAG METALS CHECK-IN)
0840	SET UP ON MW4 (SEE GW MONITORING FORMS)
1300	LEFT SITE FOR TACOMA OFFICE
1415	SAMPLES AT ARI LAB
1515	DEMOB AT SEATTLE OFFICE
	SS
	2-27-2020

Signature: Stephen Smith

ANCHOR QEA

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Groundwater Collection Form: Water Quality Monitoring

Well ID: CMW-1	**Date:** 02-27-2020	**Sampler:** Stephen Strehl
Project Name: Port of Tacoma: Wasser Winter	**Project Number:** 200092-01.01 T01	
Method: PERISTALTIC / LOW FLOW		
Initial Depth to Water: 5.90	Total Depth to Well: 10.0'	
Weather Observations: SUNNY, 50F, CLEAR		

Time	Depth to Water (feet)	Rate (mL/m)	Cum. Vol (mL)	Temp (°C)	pH	Spec. Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Comments
1000	6.00	100	0	BEGIN		PURGE	→	→	CLEAR, NO ODORS
1005	6.01	100	500	10.1	6.04	0.426	-5.6	10.1	" "
1010	6.01	100	1000	10.1	6.06	0.431	-14.5	9.50	" "
1015	6.01	100	1500	10.2	6.06	0.433	-19.9	7.22	" "
1020	6.01	100	2000	10.1	6.06	0.436	-21.7	6.75	" "
1025	6.01	100	2500	10.2	6.06	0.436	-21.4	6.31	" "
1030	6.01	100	3000	10.1	6.05	0.437	-21.7	6.25	" "
1035	BYPASS YSI / SAMPLED								

Notes: FIELD FILTERED

Total Volume Purged: 3000 mL

Sample ID: CMW-1-20200227

Duplicate ID:

Other:

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Groundwater Collection Form: Water Quality Monitoring

Well ID: CMW-2	**Date:** 02-27-2020	**Sampler:** Stephen Strehl
Project Name: Port of Tacoma: Wasser Winter	**Project Number:** 200092-01.01 T01	
Method: PERISTALTIC / YSI (LOW FLOW)		
Initial Depth to Water: 8.30	Total Depth to Well: 13.15'	
Weather Observations: SUNNY, 50F		

Time	Depth to Water (feet)	Rate (mL/m)	Cum. Vol (mL)	Temp (°C)	pH	Spec. Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Comments
1100	8.40	100	0	BEGIN	PURGE				CLEAR, NO ODORS
1105	8.40	100	500	10.6	6.42	2.391	-22.9	24.1	" "
1110	8.40	100	1000	10.7	6.43	2.210	-29.8	18.8	" "
1115	8.40	100	1500	10.6	6.54	1.700	-27.3	25.2	" "
1120	8.40	100	2000	10.0	6.58	1.340	-25.8	15.5	" "
1125	8.40	100	2500	10.0	6.60	1.287	-23.8	14.8	" "
1130	8.40	100	3000	9.9	6.60	1.270	-24.1	15.1	" "
1135	BYPASS YSI - SAMPLED								

Notes: FIELD FILTERED

Total Volume Purged: 3000 mL

Sample ID: CMW-2-20200227

Duplicate ID:

Other:

ANCHOR QEA

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Groundwater Collection Form: Water Quality Monitoring

Well ID: CMW-3	**Date:** 02-27-2020	**Sampler:** Stephen Strehl
Project Name: Port of Tacoma: Wasser Winter	**Project Number:** 200092-01.01 T01	
Method: PERISTALTIC / LOW FLOW		
Initial Depth to Water: 9.36	Total Depth to Well: 12.49'	

Weather Observations:

Time	Depth to Water (feet)	Rate (mL/m)	Cum. Vol (mL)	Temp (°C)	pH	Spec. Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Comments
1215	9.45	100	0	BEG FN		PURGE			CLEAR, NO ODORS
1220	9.45	100	500	10.9	6.40	0.655	-62.0	11.0	" "
1225	9.45	100	1000	10.8	6.44	0.647	-69.4	10.8	" "
1230	9.45	100	1500	10.7	6.52	0.632	-72.8	5.07	" "
1235	9.45	100	2000	10.7	6.53	0.617	-63.2	4.97	" "
1240	9.45	100	2500	10.7	6.54	0.610	-64.1	4.92	" "
1245	BYPASS YSI SAMPLED								

Notes: FIELD FILTERED

Total Volume Purged: 2500 mL

Sample ID: CMW-3-20200227

Duplicate ID:

Other:

ANCHOR QEA

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Groundwater Collection Form: Water Quality Monitoring

Well ID: CMW-4	**Date:** 02-27-2020	**Sampler:** Stephen Strehl
Project Name: Port of Tacoma: Wasser Winter	**Project Number:** 200092-01.01 T01	
Method: PERISTALTIC / LOW FLOW		
Initial Depth to Water: 8.74	Total Depth to Well: 14.65'	

Weather Observations: CLEAR, 45°F, SUNNY

Time	Depth to Water (feet)	Rate (mL/m)	Cum. Vol (mL)	Temp (°C)	pH	Spec. Cond. (mS/cm)	ORP (mV)	Turbidity (NTU)	Comments
0900	8.98	100	0	→	BEGIN PURGE				CLEAR, NO ODORS
0905	9.03	100	500	11.4	6.49	0.764	-42.1	4.46	" "
0910	9.07	100	1000	11.0	6.51	0.759	-42.7	4.49	" "
0915	9.14	100	1500	10.9	6.52	0.757	-37.6	3.41	" "
0920	9.20	100	2000	10.8	6.53	0.754	-34.2	3.15	" "
0925	9.22	100	2500	10.8	6.53	0.753	-34.7	3.17	" "
0930	BYPASS YSI / SAMPLED								
0935	SAMPLED DUPLICATE								

Notes: FIELD FILTERED

Total Volume Purged: 2500 ML

Sample ID: CMW-4-20200227

Duplicate ID: CMW-400-20200227

Other:

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:	Turn-around Requested: STANDARD
ARI Client Company: ANCHOR QEA	Phone:
Client Contact: NIK BACHER	
Client Project Name: DEPT OF [illegible] WASSER WINTER GW MONITORING	
Client Project #: 210092-01.01	Samplers: STEPHEN STRACH

Page: 1 of 1	
Date: 2-27-2020	Ice Present? Yes
No. of Coolers: 1	Cooler Temps: 4.3

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)
www.arilabs.com

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Chlorinated Acids	Notes/Comments
CMW-4-20200227	2-27-2020	0930	H_2O	1	X	Filter + Preserve
CMW-400-20200227	"	0935	"	1	X	
CMW-1-20200227	"	1035	"	1	X	
CMW-2-20200227	"	1135	"	1	X	
CMW-3-20200227	2-27-2020	1245	H_2O	1	X	Filter + Preserve

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: STEPHEN STRACH	Printed Name: Kelly Davey	Printed Name:	Printed Name:
	Company: ANCHOR QEA	Company: ARI	Company:	Company:
	Date & Time: 2-27-2020 1410	Date & Time: 2-27-20 1410	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Appendix B
Laboratory Data Reports

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 March 2020

Nik Bacher
Anchor QEA, LLC
1119 Pacific Avenue, Suite 1600
Tacoma, WA 98402

RE: Port of Tacoma- Wasser Winter GW Monitoring

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20B0331	N/A

Amanda Volgardsen
Digitally signed by Amanda Volgardsen
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Amanda Volgardsen, email=amanda.volgardsen@arilabs.com
Date: 2020.03.12 17:33:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

Amanda Volgardsen, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20B0331	Turn-around Requested: STANDARD
ARI Client Company: ANCHOR QEA	Phone:
Client Contact: NIK BACHER	
Client Project Name: PORT OF TACOMA : WASSER WINTER GW MONITORING	
Client Project #: 200092-01-01	Samplers: STEPHEN SMITH

Page: 1 of 1	
Date: 2-27-2020	Ice Present? Yes
No. of Coolers: 1	Cooler Temps: 4.3

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)
www.arilabs.com

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Dissolved Arsenic	Notes/Comments
CMW-4-20200227	2-27-2020	0930	H_2O	1	X	FIELD FILTERED
CMW-400-20200227		0935		1	X	
CMW-1-20200227		1035		1	X	
CMW-2-20200227		1135		1	X	
CMW-3-20200227	2-27-2020	1245	H_2O	1	X	FIELD FILTERED

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: STEPHEN SMITH	Printed Name: Kenny Davey	Printed Name:	Printed Name:
	Company: ANCHOR QEA	Company: ARI	Company:	Company:
	Date & Time: 2-27-2020 1410	Date & Time: 2/27/20 1410	Date & Time:	Date & Time:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Anchor QEA | Project Name: Port of Tacoma

COC No(s): _____ (NA) | Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20B0331 | Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1415 | 4.3

If cooler temperature is out of compliance fill out form 00070F | Temp Gun ID#: DOO S206

Cooler Accepted by: KD | Date: 2/27/2020 | Time: 1410

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
How were bottles sealed in plastic bags?	Individually	Grouped	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] | Date: 2/27/2020 | Time: 1741 | Labels checked by: WS

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

WORK ORDER

20B0331

Client: Anchor QEA, LLC **Project Manager:** Amanda Volgardsen

Project: Port of Tacoma- Wasser Winter GW Monitoring **Project Number:** 170092-01.16

Preservation Confirmation

Container ID	Container Type	pH	
20B0331-01 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	pass
20B0331-02 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	pass
20B0331-03 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	pass
20B0331-04 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	pass
20B0331-05 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	pass

Preservation Confirmed By

2/27/2020
Date

Reviewed By

Date

Anchor QEA, LLC	Project:	Port of Tacoma- Wasser Winter GW Monitoring	
1119 Pacific Avenue, Suite 1600	Project Number:	200092-01.01	**Reported:**
Tacoma, WA 98402	Project Manager:	Nik Bacher	03/12/2020 17:27

ANALYTICAL REPORT FOR SAMPLES

Laboratory ID	Sample ID	Matrix	Date Sampled	Date Received
20B0331-01	CMW-4-20200227	Water	02/27/20 09:30	02/27/20 14:10
20B0331-02	CMW-400-20200227	Water	02/27/20 09:35	02/27/20 14:10
20B0331-03	CMW-1-20200227	Water	02/27/20 10:35	02/27/20 14:10
20B0331-04	CMW-2-20200227	Water	02/27/20 11:35	02/27/20 14:10
20B0331-05	CMW-3-20200227	Water	02/27/20 12:45	02/27/20 14:10

Anchor QEA, LLC	Project: Port of Tacoma- Wasser Winter GW Monitoring	
1119 Pacific Avenue, Suite 1600	Project Number: 200092-01.01	**Reported:**
Tacoma WA, 98402	Project Manager: Nik Bacher	12-Mar-2020 17:27

Case Narrative

Sample receipt

Samples as listed on the preceding page were received February 27, 2020 under ARI work order 20B0331. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Dissolved Arsenic - EPA Method 200.8

The samples were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The LCS percent recoveries were within control limits.

A matrix spike and duplicate were prepared in conjunction with sample CMW-1-20200227. The matrix spike percent recovery and duplicate RPD were within QC limits.

Analytical Report

Anchor QEA, LLC	Project: Port of Tacoma- Wasser Winter GW Monitoring	
1119 Pacific Avenue, Suite 1600	Project Number: 200092-01.01	**Reported:**
Tacoma WA, 98402	Project Manager: Nik Bacher	12-Mar-2020 17:27

Case Narrative

QUALIFIERS AND NOTES

Qualifier	Definition
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
J	Estimated concentration value detected below the reporting limit.
D	The reported value is from a dilution
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 200.8 UCT-KED

Dissolved Metals

CMW-4-20200227

Laboratory:	Analytical Resources, Inc.				
Client:	Anchor QEA, LLC				
Project:	Port of Tacoma- Wasser Winter GW Monitoring				
Matrix:	Water	Laboratory ID:	20B0331-01 A	SDG:	20B0331
Sampled:	02/27/20 09:30	Prepared:	03/06/20 13:04	File ID:	XDT_m2200309-100
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	03/09/20 21:09
Batch:	BIC0127	Sequence:	SIC0104	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS2			Calibration:	DC00022

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-38-2	Arsenic-75a, Dissolved	7.52	1	0.0220	0.200	

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 200.8 UCT-KED

Dissolved Metals

CMW-400-20200227

Laboratory:	Analytical Resources, Inc.				
Client:	Anchor QEA, LLC				
Project:	Port of Tacoma- Wasser Winter GW Monitoring				
Matrix:	Water	Laboratory ID:	20B0331-02 A	SDG:	20B0331
Sampled:	02/27/20 09:35	Prepared:	03/06/20 13:04	File ID:	XDT_m2200309-101
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	03/09/20 21:14
Batch:	BIC0127	Sequence:	SIC0104	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS2			Calibration:	DC00022

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-38-2	Arsenic-75a, Dissolved	7.31	1	0.0220	0.200	

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 200.8 UCT-KED

Dissolved Metals

CMW-1-20200227

Laboratory:	Analytical Resources, Inc.				
Client:	Anchor QEA, LLC				
Project:	Port of Tacoma- Wasser Winter GW Monitoring				
Matrix:	Water	Laboratory ID:	20B0331-03 A	SDG:	20B0331
Sampled:	02/27/20 10:35	Prepared:	03/06/20 13:04	File ID:	XDT_m2200309-104
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	03/09/20 21:29
Batch:	BIC0127	Sequence:	SIC0104	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS2			Calibration:	DC00022

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-38-2	Arsenic-75a, Dissolved	12.7	1	0.0220	0.200	

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 200.8 UCT-KED

Dissolved Metals

CMW-2-20200227

Laboratory:	Analytical Resources, Inc.				
Client:	Anchor QEA, LLC				
Project:	Port of Tacoma- Wasser Winter GW Monitoring				
Matrix:	Water	Laboratory ID:	20B0331-04 A	SDG:	20B0331
Sampled:	02/27/20 11:35	Prepared:	03/06/20 13:04	File ID:	XDT_m2200309-102
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	03/09/20 21:19
Batch:	BIC0127	Sequence:	SIC0104	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS2			Calibration:	DC00022

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-38-2	Arsenic-75a, Dissolved	7.84	1	0.0220	0.200	

Form I
INORGANIC ANALYSIS DATA SHEET
EPA 200.8 UCT-KED

Dissolved Metals

CMW-3-20200227

Laboratory:	Analytical Resources, Inc.				
Client:	Anchor QEA, LLC				
Project:	Port of Tacoma- Wasser Winter GW Monitoring				
Matrix:	Water	Laboratory ID:	20B0331-05 A	SDG:	20B0331
Sampled:	02/27/20 12:45	Prepared:	03/06/20 13:04	File ID:	XDT_m2200309-103
% Solids:	0.00	Preparation:	REN_EPA 600/4-79-020 4.1.4 HNO3 matrix	Analyzed:	03/09/20 21:24
Batch:	BIC0127	Sequence:	SIC0104	Initial/Final:	25 mL / 25 mL
Instrument:	ICPMS2			Calibration:	DC00022

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-38-2	Arsenic-75a, Dissolved	196	1	0.0220	0.200	

PREPARATION BATCH SUMMARY

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 20B0331

Client: Anchor QEA, LLC Project: Port of Tacoma- Wasser Winter GW Monitoring

Batch: BIC0127 Batch Matrix: Water Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
CMW-4-20200227	20B0331-01	XDT_m2200309-100	03/06/20 13:04	HOTBLOCK #12; DIGESTION COMPLETED AT 1247 3/9/2020. BLC
CMW-400-20200227	20B0331-02	XDT_m2200309-101	03/06/20 13:04	HOTBLOCK #12; DIGESTION COMPLETED AT 1247 3/9/2020. BLC
CMW-1-20200227	20B0331-03	XDT_m2200309-104	03/06/20 13:04	HOTBLOCK #12; DIGESTION COMPLETED AT 1247 3/9/2020. BLC
CMW-2-20200227	20B0331-04	XDT_m2200309-102	03/06/20 13:04	HOTBLOCK #12; DIGESTION COMPLETED AT 1247 3/9/2020. BLC
CMW-3-20200227	20B0331-05	XDT_m2200309-103	03/06/20 13:04	HOTBLOCK #12; DIGESTION COMPLETED AT 1247 3/9/2020. BLC
Blank	BIC0127-BLK1	XDT_m2200309-029	03/06/20 13:04	
LCS	BIC0127-BS1	XDT_m2200309-030	03/06/20 13:04	
CMW-1-20200227	BIC0127-DUP1	XDT_m2200309-105	03/06/20 13:04	
CMW-1-20200227	BIC0127-MS1	XDT_m2200309-106	03/06/20 13:04	

Form I

METHOD BLANK DATA SHEET

EPA 200.8 UCT-KED

Dissolved Metals

Blank

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW M
Batch: BIC0127
Laboratory ID: BIC0127-BLK1
Prepared: 03/06/20 13:04
Matrix: Water
Preparation: REN_EPA 600/4-79-020 4
Analyzed: 03/09/20 13:39
Sequence: SIC0104
Calibration: DC00022
Instrument: ICPMS2

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	MDL	MRL	Q
7440-38-2	Arsenic-75a	ND	1	0.0220	0.200	U

CMW-1-20200227

DUPLICATES

EPA 200.8 UCT-KED

Dissolved Metals

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitoring
Matrix: Water
Laboratory ID: BIC0127-DUP1
Batch: BIC0127
Lab Source ID: 20B0331-03
Preparation: REN EPA 600/4-79-020 4.1.4 HNO3 matrix
Initial/Final: 25 mL / 25 mL
Source Sample Name: CMW-1-20200227
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (ug/L)	C	DUPLICATE CONCENTRATION (ug/L)	C	RPD %	Q
Arsenic-75a (dissolved)	20	12.7		12.9		1.74	

*: Values outside of QC limits
L: Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to Dup = +/- RL instead of 20% RPD

INSTRUMENT BLANKS
EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW M
Instrument ID: ICPMS2
Calibration: DC00022
Sequence: SIC0104
Date Analyzed: 03/09/20 11:49

Lab Sample ID	Analyte	Found	MDL	MRL	Units	C
SIC0104-IBL1	Arsenic-75a (dissolved)	0.0210	0.022	0.200	ug/L	
SIC0104-ICB1	Arsenic-75a (dissolved)	0.00100	0.022	0.200	ug/L	
SIC0104-CCB1	Arsenic-75a (dissolved)	0.0220	0.022	0.200	ug/L	
SIC0104-IBL2	Arsenic-75a (dissolved)	0.00600	0.022	0.200	ug/L	
SIC0104-IBL3	Arsenic-75a (dissolved)	0.00200	0.022	0.200	ug/L	
SIC0104-IBL4	Arsenic-75a (dissolved)	0.00200	0.022	0.200	ug/L	
SIC0104-CCB2	Arsenic-75a (dissolved)	-0.00500	0.022	0.200	ug/L	
SIC0104-IBL5	Arsenic-75a (dissolved)	0.0160	0.022	0.200	ug/L	
SIC0104-IBL6	Arsenic-75a (dissolved)	-0.00100	0.022	0.200	ug/L	
SIC0104-CCB3	Arsenic-75a (dissolved)	0.0290	0.022	0.200	ug/L	
SIC0104-CCB4	Arsenic-75a (dissolved)	0.00	0.022	0.200	ug/L	
SIC0104-CCB5	Arsenic-75a (dissolved)	-0.00600	0.022	0.200	ug/L	
SIC0104-CCB6	Arsenic-75a (dissolved)	0.00500	0.022	0.200	ug/L	
SIC0104-IBL7	Arsenic-75a (dissolved)	0.0250	0.022	0.200	ug/L	
SIC0104-CCB7	Arsenic-75a (dissolved)	0.0170	0.022	0.200	ug/L	
SIC0104-CCB8	Arsenic-75a (dissolved)	0.0150	0.022	0.200	ug/L	
SIC0104-IBL8	Arsenic-75a (dissolved)	0.0140	0.022	0.200	ug/L	
SIC0104-CCB9	Arsenic-75a (dissolved)	0.00900	0.022	0.200	ug/L	
SIC0104-IBL9	Arsenic-75a (dissolved)	0.00300	0.022	0.200	ug/L	
SIC0104-CCBA	Arsenic-75a (dissolved)	0.0270	0.022	0.200	ug/L	
SIC0104-CCBB	Arsenic-75a (dissolved)	0.00400	0.022	0.200	ug/L	
SIC0104-IBLA	Arsenic-75a (dissolved)	0.00700	0.022	0.200	ug/L	
SIC0104-CCBC	Arsenic-75a (dissolved)	-0.00900	0.022	0.200	ug/L	
SIC0104-IBLB	Arsenic-75a (dissolved)	-0.00300	0.022	0.200	ug/L	
SIC0104-CCBD	Arsenic-75a (dissolved)	0.00200	0.022	0.200	ug/L	
SIC0104-CCBE	Arsenic-75a (dissolved)	0.0300	0.022	0.200	ug/L	
SIC0104-IBLC	Arsenic-75a (dissolved)	0.0180	0.022	0.200	ug/L	
SIC0104-IBLD	Arsenic-75a (dissolved)	0.0110	0.022	0.200	ug/L	
SIC0104-CCBF	Arsenic-75a (dissolved)	0.0300	0.022	0.200	ug/L	

LCS / LCS DUPLICATE RECOVERY

EPA 200.8 UCT-KED

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	20B0331
Client:	Anchor QEA, LLC	Project:	Port of Tacoma- Wasser Winter GW Monitoring
Matrix:	Water	Analyzed:	03/09/20 13:43
Batch:	BIC0127	Laboratory ID:	BIC0127-BS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	LCS
Initial/Final:	25 mL / 25 mL		

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	Q	LCS % REC. #	QC LIMITS REC.
Arsenic-75a (dissolved)	25.0	24.9		99.6	80 - 120

* Indicates values outside of QC limits

MS / MS DUPLICATE RECOVERY

EPA 200.8 UCT-KED

Dissolved Metals

Laboratory:	Analytical Resources, Inc.	SDG:	20B0331
Client:	Anchor QEA, LLC	Project:	Port of Tacoma- Wasser Winter GW Monitoring
Matrix:	Water	Analyzed:	03/09/20 21:39
Batch:	BIC0127	Laboratory ID:	BIC0127-MS1
Preparation:	REN EPA 600/4-79-020 4.1.4 HNO3 matrix	Sequence Name:	Matrix Spike
Initial/Final:	25 mL / 25 mL	Source Sample:	CMW-1-20200227

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	Q	MS CONCENTRATION (ug/L)	Q	MS % REC. #	QC LIMITS REC.
Arsenic-75a (dissolved)	25.0	12.7		38.1		102	75 - 125

* Values outside of QC limits

INITIAL CALIBRATION DATA

EPA 200.8 UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	20B0331
Client:	Anchor QEA, LLC	Project:	Port of Tacoma- Wasser Winter GW Monitorin
Calibration:	DC00022	Instrument:	ICPMS2
Calibration Date:	03/09/2020 11:15		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Arsenic-75a, Dissolved	0	0	0.2	190	10	176.7	20	177.85	50	177.36	100	174.16

INITIAL CALIBRATION DATA

EPA 200.8 UCT-KED

Laboratory:	Analytical Resources, Inc.	SDG:	20B0331
Client:	Anchor QEA, LLC	Project:	Port of Tacoma- Wasser Winter GW Monitorin
Calibration:	DC00022	Instrument:	ICPMS2
Calibration Date:	03/09/2020 11:15		

COMPOUND	Mean RF	RF RSD	Linear COD	Quad COD	COD Limit	Q
Arsenic-75a, Dissolved	149.345	49.1	0.9999		0.998	

Analytical Resources, Incorporated
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ICP/MS 02 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 81DN1050201

Analysis Date: 3/9/20 **Analyst:** MB **Sequence:** SICΦ1Φ4
Calib: DCΦΦΦ22

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CAL1	I2Φ99		
		-CAL2	I21ΦΦ		
		-CAL3	I2Φ85		
		-CAL4	I2Φ86		
		-CAL5	I2Φ87		
		-CAL6	I2Φ88		
		-IBL1	—		
		-ICV1	I1742		
		-ICB1	I2Φ99		
		-CCV1	I2Φ87		
		-CCB1	I2Φ99		
	✓	-CRL1	—		Std mode sl. noisy
		-CRL1	I21ΦΦ		
		-IFA1	I1847		Cr53↑
		-IFB1	I19ΦΦ		↓
		-HCV1	I19Φ1		
		-HCV2	I177Φ		
		-IBL2+3+4	—		
		-CCV2			
		-CCB2			
		BICΦ127-BLK1	REN		
		↓ -BS1	↓		
		BICΦ128-BLK1			
		↓ -BS1	↓		

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS 02 SAMPLE RUN LOG

PE Nexlon ICP-MS Serial No. 81DN1050201

Analysis Date: 3/9/20 **Analyst:** MB **Sequence:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		20CΦΦ35-Φ1	REN	20	Mn only
		↓ -Φ3	↓	↓	↓
		↓ -Φ2	↓	100	Mn+Zn only
	✓	20CΦΦ44-Φ2	↓		Int. STDs↓/Cu↑/Salty!
		SEQ-IBL5+6			
		↓ -CCV3			
		↓ -CCB3			Cr53↑
	✓	BLK/Rinse			
	✓	SEQ-CAL1			
		↓ -CCV4			Pb↓
		↓ -CCB4			
		BICΦ126-BLK1	REN		Pb NR
		↓ -BS1	↓		↓
		20CΦΦ75-Φ1	↓		
		↓ -Φ2	↓		
		↓ -Φ3	↓		
		↓ -Φ4	↓		
		↓ -Φ5	↓		
	✓	BICΦ14Φ-BLK1	SWN	20	Sb only
	✓	↓ -BS1	↓	↓	↓
	✓	↓ -SRM1	↓	↓	↓
		SEQ-CCV5			
		↓ -CCB5			In noisy
	✓	↓ -CAL1			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS 02 SAMPLE RUN LOG

PE Nexlon ICP-MS Serial No. 81DN1050201

Analysis Date: 3/9/20 **Analyst:** MB **Sequence:** ——

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCV6			In' sl. no.3y - %R+ Analytes OK
		↓ -CCB6			
		BIC0126-BLK2	REN		Pb only
		-BS2	↓		↓
		BIC0140-BLK1	SWN	20	Sb only
		-BS1	↓	↓	↓
		19L0102-14RE2	↓	↓	↓
		-15RE2	↓	↓	↓
		-16RE2	↓	↓	↓
		-17RE2	↓	↓	↓
		BIC0140-SRM1	↓	↓	↓
		SEQ-IBL7			
		-CCV7			Ni:62↑
		-CCB7			
	✓	19L0102-18RE2	SWN	20	Sb only
	↓	-19RE2	↓	↓	↓
	↓	-40RE2	↓	↓	↓
	↓	-41RE2	↓	↓	↓
	↓	-42RE2	↓	↓	↓
	↓	-13RE2	↓	↓	↓
		BIC0140-DUP1	↓	↓	↓
		-MS1	↓	↓	↓
		-MSD1	↓	↓	↓
	↓	-PS1	↓	↓	0.060 mL MS625 ↓

Analytical Resources, Incorporated
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ICP/MS 02 SAMPLE RUN LOG

PE Nexlon ICP-MS Serial No. 81DN1050201

Analysis Date: 3/9/20 **Analyst:** MS **Sequence:** —

All corrections made by analyst unless otherwise noted. MS 3/9/20

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCV8			$S6^{121}$↑
		↓ -CCB8			In noisy
		BIC0149-BLK1	REN		No Cd+Cu, Ni, Fe
		↓ -BS1	↓		↓
		20C0066-01			Sc↑/Zn↑ Cd+Pb only
		-02			Zn↑ Cd, Cr+Pb only
		-03			↓ ↓
		↓ -04			
		20C0066-01			In noisy No Cu, Ni, Ag
		BIC0126-DUP1			↓
		↓ -MS1	↓		↓
		SEQ-IBL8			
		-CCV9			$Ni+Cu^{65}$↑
		↓ -CCB9			
		20C0068-01	REN		Cd, Cr, Pb only
		20C0069-02			No Cu, Ni, Zn
		20BC0331-01			
		-02			
		-04			Sc↑ - Not Needed
		-05			
		↓ -03			
		BIC0127-DUP1			
		↓ -MS1	↓		
		SEQ-IBL9			

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ICP/MS 02 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 81DN1050201

Analysis Date: 3/9/20 **Analyst:** MB **Sequence:** —

All corrections made by analyst unless otherwise noted. MB 3/9/20

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		SEQ-CCVA			Ni^{60}, Cu, Zn^{66}, Sb^{121} ↑
		-CCBA			
	✓	-CAL1			
		-CCVB			Ni^{60}, Cu^{65}, Zn^{66}, Sb^{121} ↑
		-CCBB			In^{-1} noisy
	✓	2ΦCΦΦ62-Φ1	REN		
	✓	2ΦCΦΦ73-Φ2			
	✓	-Φ5			
	✓	2ΦCΦΦ77-Φ1			
	✓	2ΦCΦΦ78-Φ1			
	✓	-Φ2			
	✓	-Φ3			
		2ΦCΦΦ43-Φ1			Cr only
	✓	2ΦCΦΦ79-Φ1		2	
		SEQ-IBLA			
		-CCVC			Cu^{65} + Cd ↑ / In^{-1} noisy
		-CCBC			
		2ΦCΦΦ8Φ-Φ1	REN		~~Cr ↑~~ ~~Pb only~~
		2ΦCΦΦ81-Φ1			Cr ↑ Pb only
		2ΦCΦΦ82-Φ1			No Cd
	✓	2ΦCΦ1ΦΦ-Φ1			
		2ΦCΦΦ89-Φ3			As, Cr, Pb only
		-Φ2			↓
		-Φ1			As, Cr, Pb, Se only

Analytical Resources, Incorporated
Analytical Chemists and Consultants

ICP/MS 02 SAMPLE RUN LOG

PE Nexion ICP-MS Serial No. 81DN1050201

Analysis Date: 3/9/20 **Analyst:** MS **Sequence:** —

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep Code	Dilution	Comments
		BIC0149-DUP1	REN		As, Cr, Pb, Se only
		↓ -MS1	↓		↓
		SEQ-IBLB3			
		↓ -CCVD			Ni, Cu, Zn^{67}, Sb^{121} ↑
		↓ -CCBD			
		20C0093-01	REN		Zn ↑ Pb only
		↓ -03	↓		Ge ↓ ↓
		↓ -04			↓
		20C0094-01			Cd + Pb only
		↓ -03			↓
		↓ -05			↓
	✓	20C0104-01			Ge, In, In^{-1}, Tb ↓ (Salty!)
	↓	20C0044-02		100	
		BIC0128-DUP1		↓	
	↓	↓ -MS1	↓	↓	
		SEQ-CCVE			
		↓ -CCBE			
	✓	20C0044-01	REN	200	
	↓	↓ -03	↓	10	Ge + In ↓
		↓ -04		↓	Sc, Ge, In ↓
		↓ -05			Sc, Ge, In, In^{-1} ↓
	↓	↓ -06	↓	↓	All Int. Stds ↓
		SEQ-IBLC3			
		↓ -CCVF			Cu^{65}, Ag, Sb ↑ / Pb ↓
		↓ -CCBF			Cr^{53} ↑

Rinse/DI

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, March 09, 2020 10:29:27
Sample Description:
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\STD Performance Check.mth
Dataset File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\DataSet\Default\STD Performance Check.1253
MassCal File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Conditions File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	3710.6	3710.615	53.543	1.4	Standard
	In	114.9	52377.8	-769652.702	492.262	0.1	Standard
	U	238.1	36013.1	36013.141	442.205	1.2	Standard
⌈	CeO	155.9	1375.9	0.019	0.001	4.2	Standard
| >	Ce	139.9	72802.9	72802.911	486.860	0.7	Standard
⌊	Ce++	70.0	1182.4	0.016	0.001	5.5	Standard
	Bkgd	220.0	0.1	0.100	0.091	91.3	Standard

Current Conditions File Data

Current Value	Description
0.98	Nebulizer Gas Flow STD/KED [NEB]
1.20	Auxiliary Gas Flow
18.00	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1575.00	Analog Stage Voltage
1100.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-16.00	Cell Rod Offset STD [CRO]
12.00	Discriminator Threshold
-3.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.25	RPq
0.98	DRC Mode NEB
-10.00	DRC Mode QRO
-3.00	DRC Mode CRO
-7.00	DRC Mode Cell Entrance/Exit Voltage
0.00	Cell Gas A
0.00	Cell Gas B
250.00	Axial Field Voltage
-16.50	KED Mode CRO
-12.00	KED Mode QRO
-4.00	KED Mode Cell Entrance Voltage
-39.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
475.00	KED Mode Axial Field Voltage

Performance Check Report

Sample ID: STD Performance Check
Sample Date/Time: Monday, March 09, 2020 10:41:49
Sample Description:
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\STD Performance Check.mth
Dataset File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\DataSet\Default\STD Performance Check.1259
MassCal File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Conditions File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Dual Detector Mode: Pulse
Acq. Dead Time (ns): 35
Current Dead Time (ns): 35
Torch Z position (mm): 0.00

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
	Be	9.0	4727.0	4726.982	71.272	1.5	Standard
	In	114.9	74123.0	74123.041	1205.287	1.6	Standard
	U	238.1	47655.0	47654.957	406.510	0.9	Standard
⌈	CeO	155.9	2121.9	0.023	0.001	3.5	Standard
| >	Ce	139.9	92245.9	92245.892	950.637	1.0	Standard
⌊	Ce++	70.0	1499.0	0.016	0.000	1.6	Standard
	Bkgd	220.0	0.2	0.167	0.167	100.0	Standard

Current Conditions File Data

Current Value	Description
0.99	Nebulizer Gas Flow STD/KED [NEB]
1.20	Auxiliary Gas Flow
18.00	Plasma Gas Flow
-10.75	Deflector Voltage
1600.00	ICP RF Power
-1575.00	Analog Stage Voltage
1100.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset STD [QRO]
-16.00	Cell Rod Offset STD [CRO]
12.00	Discriminator Threshold
-3.00	Cell Entrance/Exit Voltage STD
0.00	RPa
0.25	RPq
0.99	DRC Mode NEB
-10.00	DRC Mode QRO
-3.00	DRC Mode CRO
-7.00	DRC Mode Cell Entrance/Exit Voltage
0.00	Cell Gas A
0.00	Cell Gas B
250.00	Axial Field Voltage
-16.50	KED Mode CRO
-12.00	KED Mode QRO
-4.00	KED Mode Cell Entrance Voltage
-39.00	KED Mode Cell Exit Voltage
0.00	KED Cell Gas A
3.00	KED Cell Gas B
0.00	KED RPa
0.25	KED RPq
475.00	KED Mode Axial Field Voltage

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Wizard\SmartTune\ARIdaily_UCT.swz

Start Time: 3/9/2020 10:27:41 AM
End Time: 3/9/2020 10:43:54 AM

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 3710.62
Obtained Intensity (In 115): 52377.78
Obtained Intensity (U 238): 36013.14
Obtained Intensity (Bkgd 220): 0.10
Obtained Formula (Ce++ 70 / Ce 140): 0.016 (=1182.45 / 72802.91)
Obtained Formula (CeO 156 / Ce 140): 0.019 (=1375.93 / 72802.91)

Torch Alignment - [Passed]

Vertical	Horizontal	Intensity
-0.18 mm	-0.26 mm	66131.72

Nebulizer Gas Flow STD/KED [NEB] - [Passed] Optimum value(s): 0.99
Obtained Intensity (In 115): 74159.99
Obtained Formula (CeO 156 / Ce 140): 0.0219 (=1905.13 / 87190.27)

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.687)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.716)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.701)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.704)

QID STD/DRC - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -12.23

KED Mode QID - Optimum value(s): Correlation Coefficient = 0.999; Intercept = -10.99

STD Performance Check - [Passed] Optimum value(s): N/A
Obtained Intensity (Be 9): 4726.98
Obtained Intensity (In 115): 74123.04
Obtained Intensity (U 238): 47654.96
Obtained Intensity (Bkgd 220): 0.17
Obtained Formula (Ce++ 70 / Ce 140): 0.016 (=1499.01 / 92245.89)
Obtained Formula (CeO 156 / Ce 140): 0.023 (=2121.89 / 92245.89)

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Wizard\SmartTune\ARIdaily_UCT.swz

Optimization Status

Start Time: 3/9/2020 10:27:41 AM

STD Performance Check
	Optimization Settings:
		Method: STD Performance Check.mth.
		Intensity Criterion: Be 9 > 2000
		Intensity Criterion: In 115 > 40000
		Intensity Criterion: U 238 > 30000
		Intensity Criterion: Bkgd 220 <= 1
		Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
		Formula Criterion: CeO 156 / Ce 140 <= 0.025

	Optimization Results:
	Initial Try
		Obtained Intensity (Be 9): 3710.62
		Obtained Intensity (In 115): 52377.78
		Obtained Intensity (U 238): 36013.14
		Obtained Intensity (Bkgd 220): 0.10
		Obtained Formula (Ce++ 70 / Ce 140): 0.016 (=1182.45 / 72802.91)
		Obtained Formula (CeO 156 / Ce 140): 0.019 (=1375.93 / 72802.91)

[Passed] Optimum value(s): N/A

Torch Alignment
	Optimization Settings:
		Method: Torch Alignment.mth.
		Intensity Criterion: In 115 Maximum

	Optimization Results:
		Vertical	Horizontal	Intensity
[Passed]	-0.18 mm	-0.26 mm	66131.72

Nebulizer Gas Flow STD/KED [NEB]
	Optimization Settings:
		Method: Optimize.mth.
			Initial Try - Start/End/Step: 0.9/1/0.01.
		Intensity Criterion: In 115 Maximum
		Formula Criterion: CeO 156 / Ce 140 <= 0.025

	Optimization Results:
	Initial Try

		Obtained Intensity (In 115): 74159.99
		Obtained Formula (CeO 156 / Ce 140): 0.0219 (=1905.13 / 87190.27)
[Passed] Optimum value(s): 0.99

Mass Calibration and Resolution
	Optimization Settings:
		Method: Tuning.mth.
		MassCal File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
		Iterations: 6
		Target accuracy (+/- amu): 0.05 for Mass Cal. and 0.03 for Resolution

Peak height (%) for Res. Opt.: 10

Optimization Results:
Initial Try
Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.687)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.716)
Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.701)
Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.704)
[Passed] Optimum value(s): N/A

QID STD/DRC
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -16/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.999; Intercept = -12.23

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	33	-12	15208.1
Mg	24	33	-11.5	34453.5
In	115	33	-8	77968.2
Ce	140	33	-7.5	90795.6
Pb	208	33	-6	32521
U	238	33	-5.5	46126.3

KED Mode QID
Optimization Settings:
Method: QID Calibration.mth.
Initial Try - Start/End/Step: -20/0/0.5.

Optimization Results:
Initial Try

Optimum value(s): Correlation Coefficient = 0.999; Intercept = -10.99

Analyte	Mass	Points	DAC	MaxIntensity
Li	7	41	-11.5	19509.3
Mg	24	41	-12	22641.9
In	115	41	-8.5	57021.6
Ce	140	41	-7	81588.3
Pb	208	41	-5	27570.6
U	238	41	-4	35576.2

STD Performance Check
Optimization Settings:
Method: STD Performance Check.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 1
Formula Criterion: Ce++ 70 / Ce 140 <= 0.03
Formula Criterion: CeO 156 / Ce 140 <= 0.025

Optimization Results:

```
       Initial Try
               Obtained Intensity (Be 9): 4726.98
               Obtained Intensity (In 115): 74123.04
               Obtained Intensity (U 238): 47654.96
               Obtained Intensity (Bkgd 220): 0.17
               Obtained Formula (Ce++ 70 / Ce 140): 0.016 (=1499.01 / 92245.89)
               Obtained Formula (CeO 156 / Ce 140): 0.023 (=2121.89 / 92245.89)

[Passed]  Optimum value(s): N/A

End Time: 3/9/2020 10:43:54 AM
```

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:15:38
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				24724	0	Standard
	Cl	**37**		ug/L				7043677	0	Standard
⌈>	**Sc**	**45**		ug/L				1456839	2	Standard
|	**Cr**	**52**		ug/L				28595	1	Standard
|	**Cr**	**53**		ug/L				286	5	Standard
⌊	**Mn**	**55**		ug/L				1286	6	Standard
⌈>	**Ge**	**72**		ug/L				49044	1	KED
|	**Ni**	**60**		ug/L				29	3	KED
|	**Ni**	**62**		ug/L				5	88	KED
|	**Cu**	**63**		ug/L				87	13	KED
|	**Cu**	**65**		ug/L				47	40	KED
|	**Zn**	**66**		ug/L				135	21	KED
|	**Zn**	**67**		ug/L				25	18	KED
|	**As**	**75**		ug/L				7	9	KED
⌊	**Se**	**78**		ug/L				10	15	KED
	Y	**89**		ug/L				833230	3	Standard
	Kr	**83**		ug/L				70	8	Standard
⌈>	**In-1**	**115**		ug/L				14689	2	KED
|	**Cd**	**111**		ug/L				1	124	KED
⌊	**Cd**	**114**		ug/L				3	50	KED
⌈>	**In**	**115**		ug/L				866863	2	Standard
|	**Ag**	**107**		ug/L				66	27	Standard
|	**Sb**	**121**		ug/L				57	15	Standard
⌊	**Sb**	**123**		ug/L				45	4	Standard
⌈>	**Tb**	**159**		ug/L				1312808	4	Standard
⌊	**Pb**	**208**		ug/L				219	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:20:24
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	22514	2	Standard
	Cl	**37**		ug/L			7043677	7012744	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1442802	0	Standard
|	**Cr**	**52**	**0.500**	ug/L	0.007	1	28595	41280	0	Standard
|	**Cr**	**53**	**0.500**	ug/L	0.025	4	286	1773	4	Standard
⌊	**Mn**	**55**	**0.500**	ug/L	0.010	2	1286	20713	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	49202	2	KED
|	**Ni**	**60**	**0.500**	ug/L	0.027	5	29	507	4	KED
|	**Ni**	**62**	**0.500**	ug/L	0.060	12	5	96	11	KED
|	**Cu**	**63**	**0.500**	ug/L	0.018	3	87	1420	2	KED
|	**Cu**	**65**	**0.500**	ug/L	0.031	6	47	721	4	KED
|	**Zn**	**66**	**4.000**	ug/L	0.074	1	135	1432	3	KED
|	**Zn**	**67**	**4.000**	ug/L	0.540	13	25	213	10	KED
|	**As**	**75**	**0.200**	ug/L	0.024	11	7	38	7	KED
⌊	**Se**	**78**	**0.500**	ug/L	0.247	49	10	17	19	KED
	Y	**89**		ug/L			833230	836234	2	Standard
	Kr	**83**		ug/L			70	64	36	Standard
⌈>	**In-1**	**115**		ug/L			14689	14517	1	KED
|	**Cd**	**111**	**0.100**	ug/L	0.014	13	1	28	12	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.006	6	3	58	6	KED
⌈>	**In**	**115**		ug/L			866863	840403	2	Standard
|	**Ag**	**107**	**0.200**	ug/L	0.008	4	66	3892	2	Standard
|	**Sb**	**121**	**0.200**	ug/L	0.009	4	57	2569	3	Standard
⌊	**Sb**	**123**	**0.200**	ug/L	0.006	2	45	1957	0	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1307224	1	Standard
⌊	**Pb**	**208**	**0.100**	ug/L	0.002	2	219	4710	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:25:11
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	26157	1	Standard
	Cl	**37**		ug/L			7043677	7078262	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1450140	0	Standard
|	**Cr**	**52**	**10.002**	ug/L	0.150	1	28595	309908	1	Standard
|	**Cr**	**53**	**10.003**	ug/L	0.071	0	286	33658	0	Standard
⌊	**Mn**	**55**	**10.001**	ug/L	0.172	1	1286	410169	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	48999	1	KED
|	**Ni**	**60**	**10.000**	ug/L	0.234	2	29	9710	2	KED
|	**Ni**	**62**	**9.997**	ug/L	0.394	3	5	1602	3	KED
|	**Cu**	**63**	**10.002**	ug/L	0.272	2	87	28391	3	KED
|	**Cu**	**65**	**10.002**	ug/L	0.246	2	47	14705	1	KED
|	**Zn**	**66**	**9.999**	ug/L	0.378	3	135	3361	4	KED
|	**Zn**	**67**	**10.195**	ug/L	0.306	3	25	570	3	KED
|	**As**	**75**	**10.000**	ug/L	0.196	1	7	1767	1	KED
⌊	**Se**	**78**	**10.005**	ug/L	0.605	6	10	187	6	KED
	Y	**89**		ug/L			833230	833063	0	Standard
	Kr	**83**		ug/L			70	73	13	Standard
⌈>	**In-1**	**115**		ug/L			14689	14691	2	KED
|	**Cd**	**111**	**10.000**	ug/L	0.199	1	1	2535	1	KED
⌊	**Cd**	**114**	**10.000**	ug/L	0.271	2	3	6176	0	KED
⌈>	**In**	**115**		ug/L			866863	838122	2	Standard
|	**Ag**	**107**	**10.000**	ug/L	0.303	3	66	195504	2	Standard
|	**Sb**	**121**	**10.000**	ug/L	0.185	1	57	123326	1	Standard
⌊	**Sb**	**123**	**10.000**	ug/L	0.283	2	45	94578	1	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1317055	2	Standard
⌊	**Pb**	**208**	**10.000**	ug/L	0.192	1	219	454344	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:30:11
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	25234	0	Standard
	Cl	**37**		ug/L			7043677	7051194	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1464360	0	Standard
|	**Cr**	**52**	**19.947**	ug/L	0.331	1	28595	589614	1	Standard
|	**Cr**	**53**	**19.969**	ug/L	0.090	0	286	67146	0	Standard
⌊	**Mn**	**55**	**19.909**	ug/L	0.215	1	1286	808531	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	47780	0	KED
|	**Ni**	**60**	**20.165**	ug/L	0.934	4	29	19710	4	KED
|	**Ni**	**62**	**20.134**	ug/L	0.393	1	5	3228	1	KED
|	**Cu**	**63**	**20.079**	ug/L	0.329	1	87	56375	1	KED
|	**Cu**	**65**	**20.072**	ug/L	0.457	2	47	29149	1	KED
|	**Zn**	**66**	**20.335**	ug/L	0.263	1	135	6919	0	KED
|	**Zn**	**67**	**20.379**	ug/L	0.651	3	25	1161	2	KED
|	**As**	**75**	**20.133**	ug/L	0.352	1	7	3557	1	KED
⌊	**Se**	**78**	**20.135**	ug/L	0.835	4	10	367	4	KED
	Y	**89**		ug/L			833230	846283	3	Standard
	Kr	**83**		ug/L			70	73	14	Standard
⌈>	**In-1**	**115**		ug/L			14689	14614	4	KED
|	**Cd**	**111**	**19.884**	ug/L	1.406	7	1	4889	2	KED
⌊	**Cd**	**114**	**20.009**	ug/L	1.148	5	3	12295	1	KED
⌈>	**In**	**115**		ug/L			866863	833457	2	Standard
|	**Ag**	**107**	**19.940**	ug/L	0.682	3	66	382944	1	Standard
|	**Sb**	**121**	**19.986**	ug/L	0.583	2	57	244358	1	Standard
⌊	**Sb**	**123**	**20.023**	ug/L	0.115	0	45	189228	1	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1316191	4	Standard
⌊	**Pb**	**208**	**20.027**	ug/L	0.751	3	219	913315	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:35:20
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	23104	2	Standard
	Cl	**37**		ug/L			7043677	7124469	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1470644	0	Standard
|	**Cr**	**52**	**49.790**	ug/L	1.060	2	28595	1405870	1	Standard
|	**Cr**	**53**	**49.875**	ug/L	0.035	0	286	165915	0	Standard
⌊	**Mn**	**55**	**50.235**	ug/L	2.379	4	1286	2096220	4	Standard
⌈>	**Ge**	**72**		ug/L			49044	46462	1	KED
|	**Ni**	**60**	**49.978**	ug/L	0.623	1	29	47365	1	KED
|	**Ni**	**62**	**50.168**	ug/L	0.881	1	5	7948	2	KED
|	**Cu**	**63**	**50.264**	ug/L	0.666	1	87	140812	0	KED
|	**Cu**	**65**	**50.029**	ug/L	1.412	2	47	70794	3	KED
|	**Zn**	**66**	**50.046**	ug/L	0.672	1	135	16447	1	KED
|	**Zn**	**67**	**50.279**	ug/L	1.360	2	25	2828	2	KED
|	**As**	**75**	**50.273**	ug/L	0.836	1	7	8868	1	KED
⌊	**Se**	**78**	**49.999**	ug/L	1.808	3	10	873	3	KED
	Y	**89**		ug/L			833230	860372	2	Standard
	Kr	**83**		ug/L			70	77	21	Standard
⌈>	**In-1**	**115**		ug/L			14689	14206	1	KED
|	**Cd**	**111**	**50.215**	ug/L	0.579	1	1	12290	1	KED
⌊	**Cd**	**114**	**50.026**	ug/L	0.219	0	3	30009	0	KED
⌈>	**In**	**115**		ug/L			866863	846586	1	Standard
|	**Ag**	**107**	**49.797**	ug/L	2.044	4	66	952460	4	Standard
|	**Sb**	**121**	**49.613**	ug/L	1.449	2	57	593164	1	Standard
⌊	**Sb**	**123**	**49.882**	ug/L	0.766	1	45	473133	0	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1333777	2	Standard
⌊	**Pb**	**208**	**49.674**	ug/L	0.809	1	219	2224959	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:42:10
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	25176	0	Standard
	Cl	**37**		ug/L			7043677	7091895	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1457050	2	Standard
|	**Cr**	**52**	**101.139**	ug/L	3.121	3	28595	2908102	0	Standard
|	**Cr**	**53**	**100.035**	ug/L	1.697	1	286	329716	0	Standard
⌊	**Mn**	**55**	**100.485**	ug/L	2.770	2	1286	4219103	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	47091	1	KED
|	**Ni**	**60**	**99.377**	ug/L	3.010	3	29	93461	2	KED
|	**Ni**	**62**	**98.927**	ug/L	2.834	2	5	15325	1	KED
|	**Cu**	**63**	**99.325**	ug/L	3.291	3	87	275718	3	KED
|	**Cu**	**65**	**99.296**	ug/L	3.688	3	47	139053	2	KED
|	**Zn**	**66**	**99.486**	ug/L	2.424	2	135	32450	0	KED
|	**Zn**	**67**	**98.770**	ug/L	1.713	1	25	5388	0	KED
|	**As**	**75**	**99.402**	ug/L	2.244	2	7	17416	1	KED
⌊	**Se**	**78**	**99.036**	ug/L	2.967	2	10	1689	2	KED
	Y	**89**		ug/L			833230	850939	2	Standard
	Kr	**83**		ug/L			70	109	7	Standard
⌈>	**In-1**	**115**		ug/L			14689	13814	0	KED
|	**Cd**	**111**	**100.484**	ug/L	1.992	1	1	24307	2	KED
⌊	**Cd**	**114**	**100.670**	ug/L	1.342	1	3	60061	1	KED
⌈>	**In**	**115**		ug/L			866863	832989	3	Standard
|	**Ag**	**107**	**99.137**	ug/L	2.562	2	66	1812491	1	Standard
|	**Sb**	**121**	**99.780**	ug/L	3.212	3	57	1164634	0	Standard
⌊	**Sb**	**123**	**99.381**	ug/L	2.763	2	45	908258	0	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1272315	2	Standard
⌊	**Pb**	**208**	**101.714**	ug/L	3.457	3	219	4607340	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:49:41
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File:

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	23328	2	Standard
	Cl	**37**		ug/L			7043677	7156280	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1445162	1	Standard
|	**Cr**	**52**	**-0.003**	ug/L	0.004	114	28595	28273	1	Standard
|	**Cr**	**53**	**-0.011**	ug/L	0.009	76	286	247	12	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	186	1286	1300	3	Standard
⌈>	**Ge**	**72**		ug/L			49044	47841	1	KED
|	**Ni**	**60**	**0.018**	ug/L	0.014	80	29	45	31	KED
|	**Ni**	**62**	**0.009**	ug/L	0.028	311	5	6	62	KED
|	**Cu**	**63**	**-0.007**	ug/L	0.001	18	87	65	4	KED
|	**Cu**	**65**	**-0.010**	ug/L	0.005	48	47	31	21	KED
|	**Zn**	**66**	**-0.140**	ug/L	0.014	10	135	85	6	KED
|	**Zn**	**67**	**-0.172**	ug/L	0.186	108	25	15	66	KED
|	**As**	**75**	**0.021**	ug/L	0.007	35	7	10	13	KED
⌊	**Se**	**78**	**0.197**	ug/L	0.018	9	10	13	3	KED
	Y	**89**		ug/L			833230	827956	2	Standard
	Kr	**83**		ug/L			70	72	31	Standard
⌈>	**In-1**	**115**		ug/L			14689	14564	5	KED
|	**Cd**	**111**	**0.024**	ug/L	0.005	21	1	7	12	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.005	85	3	7	43	KED
⌈>	**In**	**115**		ug/L			866863	804078	2	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	23	66	144	11	Standard
|	**Sb**	**121**	**0.107**	ug/L	0.012	10	57	1257	9	Standard
⌊	**Sb**	**123**	**0.105**	ug/L	0.001	0	45	965	2	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1295280	1	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	48	219	245	6	Standard

Sample Information

Sample Date/Time: Monday, March 09, 2020 11:42:10
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Mass Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Conditions File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

Calibration

Analyte	Mass	**r Corr Coef**	Slope	Std 1 Conc	Std 2 Conc	Std 3 Conc	Std 4 Conc	Std 5 Conc
C	13							
Cl	37							
Sc	45							
Cr	52	**0.9998**	0.020	0.50	10	20	50	100
Cr	53	**1.0000**	0.002	0.50	10	20	50	100
Mn	55	**0.9999**	0.029	0.50	10	20	50	100
Ge	72							
Ni	60	**0.9999**	0.020	0.50	10	20	50	100
Ni	62	**0.9998**	0.003	0.50	10	20	50	100
Cu	63	**0.9999**	0.059	0.50	10	20	50	100
Cu	65	**0.9999**	0.030	0.50	10	20	50	100
Zn	66	**0.9999**	0.007	4.00	10	20	50	100
Zn	67	**0.9997**	0.001	4.00	10	20	50	100
As	75	**0.9999**	0.004	0.20	10	20	50	100
Se	78	**0.9998**	0.000	0.50	10	20	50	100
Y	89							
Kr	83							
In-1	115							
Cd	111	**0.9999**	0.018	0.10	10	20	50	100
Cd	114	**0.9999**	0.043	0.10	10	20	50	100
In	115							
Ag	107	**0.9999**	0.022	0.20	10	20	50	100
Sb	121	**1.0000**	0.014	0.20	10	20	50	100
Sb	123	**0.9999**	0.011	0.20	10	20	50	100
Tb	159							
Pb	208	**0.9995**	0.036	0.10	10	20	50	100

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 11:57:11
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	25505	1	Standard
	Cl	**37**		ug/L			7043677	7309442	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1457094	1	Standard
|	**Cr**	**52**	**48.351**	ug/L	0.576	1	28595	1405813	0	Standard
|	**Cr**	**53**	**49.770**	ug/L	0.697	1	286	164218	0	Standard
⌊	**Mn**	**55**	**47.212**	ug/L	0.805	1	1286	1983719	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	47661	3	KED
|	**Ni**	**60**	**49.547**	ug/L	0.961	1	29	47166	1	KED
|	**Ni**	**62**	**51.435**	ug/L	0.533	1	5	8067	2	KED
|	**Cu**	**63**	**48.790**	ug/L	1.203	2	87	137058	1	KED
|	**Cu**	**65**	**49.892**	ug/L	1.584	3	47	70705	0	KED
|	**Zn**	**66**	**49.392**	ug/L	1.785	3	135	16362	1	KED
|	**Zn**	**67**	**47.832**	ug/L	2.385	4	25	2651	1	KED
|	**As**	**75**	**47.858**	ug/L	2.219	4	7	8482	1	KED
⌊	**Se**	**78**	**75.826**	ug/L	2.055	2	10	1311	1	KED
	Y	**89**		ug/L			833230	822959	0	Standard
	Kr	**83**		ug/L			70	75	18	Standard
⌈>	**In-1**	**115**		ug/L			14689	14410	2	KED
|	**Cd**	**111**	**47.285**	ug/L	1.941	4	1	11923	1	KED
⌊	**Cd**	**114**	**47.145**	ug/L	2.410	5	3	29316	2	KED
⌈>	**In**	**115**		ug/L			866863	832857	1	Standard
|	**Ag**	**107**	**51.108**	ug/L	0.196	0	66	934806	1	Standard
|	**Sb**	**121**	**51.011**	ug/L	1.320	2	57	595641	1	Standard
⌊	**Sb**	**123**	**49.238**	ug/L	0.747	1	45	450162	0	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1324663	3	Standard
⌊	**Pb**	**208**	**47.250**	ug/L	1.478	3	219	2228226	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-ICB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:04:41
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	23314	1	Standard
	Cl	**37**		ug/L			7043677	7166784	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1460830	0	Standard
|	**Cr**	**52**	**-0.034**	ug/L	0.032	94	28595	27698	2	Standard
|	**Cr**	**53**	**-0.010**	ug/L	0.005	50	286	255	6	Standard
⌊	**Mn**	**55**	**0.001**	ug/L	0.001	63	1286	1331	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	47767	5	KED
|	**Ni**	**60**	**-0.000**	ug/L	0.003	637	29	27	3	KED
|	**Ni**	**62**	**0.022**	ug/L	0.033	147	5	8	53	KED
|	**Cu**	**63**	**-0.007**	ug/L	0.003	43	87	66	17	KED
|	**Cu**	**65**	**-0.010**	ug/L	0.004	36	47	31	21	KED
|	**Zn**	**66**	**-0.151**	ug/L	0.068	45	135	81	22	KED
|	**Zn**	**67**	**-0.356**	ug/L	0.109	30	25	5	114	KED
|	**As**	**75**	**0.001**	ug/L	0.014	1336	7	7	32	KED
⌊	**Se**	**78**	**0.110**	ug/L	0.106	96	10	11	10	KED
	Y	**89**		ug/L			833230	828170	3	Standard
	Kr	**83**		ug/L			70	65	24	Standard
⌈>	**In-1**	**115**		ug/L			14689	14316	1	KED
|	**Cd**	**111**	**0.005**	ug/L	0.000	2	1	2	0	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	83	3	4	23	KED
⌈>	**In**	**115**		ug/L			866863	826969	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	33	66	106	12	Standard
|	**Sb**	**121**	**0.047**	ug/L	0.008	16	57	601	14	Standard
⌊	**Sb**	**123**	**0.048**	ug/L	0.002	3	45	475	2	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1269498	2	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	111	219	228	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:10:37
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	22465	1	Standard
	Cl	**37**		ug/L			7043677	7298753	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1504752	0	Standard
|	**Cr**	**52**	**47.916**	ug/L	0.320	0	28595	1439083	0	Standard
|	**Cr**	**53**	**49.890**	ug/L	0.060	0	286	170015	0	Standard
⌊	**Mn**	**55**	**49.362**	ug/L	0.106	0	1286	2142057	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	47063	0	KED
|	**Ni**	**60**	**50.482**	ug/L	1.298	2	29	47471	2	KED
|	**Ni**	**62**	**50.524**	ug/L	1.227	2	5	7826	1	KED
|	**Cu**	**63**	**49.129**	ug/L	0.920	1	87	136367	2	KED
|	**Cu**	**65**	**50.412**	ug/L	0.720	1	47	70603	1	KED
|	**Zn**	**66**	**49.872**	ug/L	1.492	2	135	16325	2	KED
|	**Zn**	**67**	**49.995**	ug/L	1.974	3	25	2738	4	KED
|	**As**	**75**	**50.516**	ug/L	0.593	1	7	8851	1	KED
⌊	**Se**	**78**	**49.598**	ug/L	0.787	1	10	850	1	KED
	Y	**89**		ug/L			833230	855007	1	Standard
	Kr	**83**		ug/L			70	81	8	Standard
⌈>	**In-1**	**115**		ug/L			14689	14646	2	KED
|	**Cd**	**111**	**48.632**	ug/L	1.093	2	1	12467	0	KED
⌊	**Cd**	**114**	**48.330**	ug/L	2.034	4	3	30551	1	KED
⌈>	**In**	**115**		ug/L			866863	835615	4	Standard
|	**Ag**	**107**	**51.024**	ug/L	3.291	6	66	934728	2	Standard
|	**Sb**	**121**	**50.918**	ug/L	0.883	1	57	596387	2	Standard
⌊	**Sb**	**123**	**50.141**	ug/L	1.950	3	45	459523	0	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1313369	0	Standard
⌊	**Pb**	**208**	**47.688**	ug/L	0.475	0	219	2231339	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:17:50
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	23344	1	Standard
	Cl	**37**		ug/L			7043677	7187878	2	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1439737	0	Standard
|	**Cr**	**52**	**-0.006**	ug/L	0.014	244	28595	28100	1	Standard
|	**Cr**	**53**	**-0.014**	ug/L	0.011	75	286	237	14	Standard
⌊	**Mn**	**55**	**0.000**	ug/L	0.001	627	1286	1277	3	Standard
⌈>	**Ge**	**72**		ug/L			49044	46631	1	KED
|	**Ni**	**60**	**0.009**	ug/L	0.008	93	29	36	22	KED
|	**Ni**	**62**	**0.018**	ug/L	0.007	38	5	8	13	KED
|	**Cu**	**63**	**-0.005**	ug/L	0.006	117	87	69	20	KED
|	**Cu**	**65**	**-0.013**	ug/L	0.004	33	47	26	24	KED
|	**Zn**	**66**	**-0.161**	ug/L	0.034	20	135	76	13	KED
|	**Zn**	**67**	**-0.224**	ug/L	0.114	50	25	12	50	KED
|	**As**	**75**	**0.022**	ug/L	0.005	21	7	10	7	KED
⌊	**Se**	**78**	**0.056**	ug/L	0.156	276	10	10	26	KED
	Y	**89**		ug/L			833230	841569	1	Standard
	Kr	**83**		ug/L			70	55	19	Standard
⌈>	**In-1**	**115**		ug/L			14689	14554	0	KED
|	**Cd**	**111**	**0.004**	ug/L	0.006	150	1	2	57	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.004	86	3	6	35	KED
⌈>	**In**	**115**		ug/L			866863	822007	2	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.000	5	66	115	0	Standard
|	**Sb**	**121**	**0.059**	ug/L	0.003	5	57	729	4	Standard
⌊	**Sb**	**123**	**0.054**	ug/L	0.004	7	45	534	8	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1274840	3	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	459	219	215	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments: DEL
Sample Date/Time: Monday, March 09, 2020 12:23:22
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	21978	2	Standard
	Cl	**37**		ug/L			7043677	7054054	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1387192	6	Standard
|	**Cr**	**52**	**0.528**	ug/L	0.061	11	28595	41483	2	Standard
|	**Cr**	**53**	**0.492**	ug/L	0.053	10	286	1807	2	Standard
⌊	**Mn**	**55**	**0.501**	ug/L	0.032	6	1286	21181	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	47283	1	KED
|	**Ni**	**60**	**0.480**	ug/L	0.028	5	29	480	3	KED
|	**Ni**	**62**	**0.441**	ug/L	0.067	15	5	74	15	KED
|	**Cu**	**63**	**0.443**	ug/L	0.014	3	87	1319	1	KED
|	**Cu**	**65**	**0.454**	ug/L	0.075	16	47	683	14	KED
|	**Zn**	**66**	**3.883**	ug/L	0.131	3	135	1396	1	KED
|	**Zn**	**67**	**3.641**	ug/L	0.559	15	25	222	12	KED
|	**As**	**75**	**0.206**	ug/L	0.031	14	7	43	11	KED
⌊	**Se**	**78**	**0.589**	ug/L	0.252	42	10	19	23	KED
	Y	**89**		ug/L			833230	787223	6	Standard
	Kr	**83**		ug/L			70	63	15	Standard
⌈>	**In-1**	**115**		ug/L			14689	14601	3	KED
|	**Cd**	**111**	**0.101**	ug/L	0.006	5	1	27	8	KED
⌊	**Cd**	**114**	**0.100**	ug/L	0.004	3	3	66	2	KED
⌈>	**In**	**115**		ug/L			866863	787144	4	Standard
|	**Ag**	**107**	**0.226**	ug/L	0.011	5	66	3961	2	Standard
|	**Sb**	**121**	**0.238**	ug/L	0.011	4	57	2674	1	Standard
⌊	**Sb**	**123**	**0.243**	ug/L	0.008	3	45	2140	3	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1212368	6	Standard
⌊	**Pb**	**208**	**0.108**	ug/L	0.010	9	219	4850	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CRL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:28:11
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	21555	0	Standard
	Cl	**37**		ug/L			7043677	7110157	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1442917	2	Standard
|	**Cr**	**52**	**0.474**	ug/L	0.034	7	28595	41674	1	Standard
|	**Cr**	**53**	**0.454**	ug/L	0.018	4	286	1762	2	Standard
⌊	**Mn**	**55**	**0.480**	ug/L	0.016	3	1286	21216	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	46393	1	KED
|	**Ni**	**60**	**0.526**	ug/L	0.011	2	29	514	1	KED
|	**Ni**	**62**	**0.530**	ug/L	0.063	11	5	86	12	KED
|	**Cu**	**63**	**0.466**	ug/L	0.033	7	87	1357	8	KED
|	**Cu**	**65**	**0.505**	ug/L	0.027	5	47	742	6	KED
|	**Zn**	**66**	**3.880**	ug/L	0.115	2	135	1369	1	KED
|	**Zn**	**67**	**3.877**	ug/L	0.404	10	25	231	10	KED
|	**As**	**75**	**0.221**	ug/L	0.034	15	7	45	12	KED
⌊	**Se**	**78**	**0.682**	ug/L	0.292	42	10	20	21	KED
	Y	**89**		ug/L			833230	838629	4	Standard
	Kr	**83**		ug/L			70	62	6	Standard
⌈>	**In-1**	**115**		ug/L			14689	14325	1	KED
|	**Cd**	**111**	**0.100**	ug/L	0.008	8	1	26	6	KED
⌊	**Cd**	**114**	**0.101**	ug/L	0.018	17	3	65	18	KED
⌈>	**In**	**115**		ug/L			866863	809720	2	Standard
|	**Ag**	**107**	**0.230**	ug/L	0.002	0	66	4146	2	Standard
|	**Sb**	**121**	**0.226**	ug/L	0.002	0	57	2618	2	Standard
⌊	**Sb**	**123**	**0.218**	ug/L	0.014	6	45	1976	3	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1299852	1	Standard
⌊	**Pb**	**208**	**0.098**	ug/L	0.004	3	219	4739	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFA1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:35:18
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	132434	0	Standard
	Cl	**37**		ug/L			7043677	15353449	0	Standard
>	**Sc**	**45**		ug/L			1456839	1601985	2	Standard
	Cr	**52**	**0.510**	ug/L	0.030	5	28595	47397	1	Standard
	Cr	**53**	**5.896**	ug/L	0.246	4	286	21657	2	Standard
	Mn	**55**	**0.083**	ug/L	0.003	3	1286	5264	1	Standard
>	**Ge**	**72**		ug/L			49044	51047	1	KED
	Ni	**60**	**0.077**	ug/L	0.018	23	29	109	15	KED
	Ni	**62**	**0.093**	ug/L	0.007	7	5	21	5	KED
	Cu	**63**	**0.006**	ug/L	0.008	133	87	108	21	KED
	Cu	**65**	**0.006**	ug/L	0.003	54	47	58	9	KED
	Zn	**66**	**-0.016**	ug/L	0.030	189	135	135	8	KED
	Zn	**67**	**-0.167**	ug/L	0.150	89	25	16	52	KED
	As	**75**	**0.015**	ug/L	0.006	39	7	10	11	KED
	Se	**78**	**0.313**	ug/L	0.045	14	10	16	4	KED
	Y	**89**		ug/L			833230	866450	2	Standard
	Kr	**83**		ug/L			70	194	5	Standard
>	**In-1**	**115**		ug/L			14689	14203	2	KED
	Cd	**111**	**0.064**	ug/L	0.018	28	1	17	26	KED
	Cd	**114**	**0.036**	ug/L	0.016	45	3	25	40	KED
>	**In**	**115**		ug/L			866863	908467	1	Standard
	Ag	**107**	**0.005**	ug/L	0.001	21	66	178	11	Standard
	Sb	**121**	**0.049**	ug/L	0.006	12	57	681	10	Standard
	Sb	**123**	**0.047**	ug/L	0.003	7	45	520	7	Standard
>	**Tb**	**159**		ug/L			1312808	1385517	2	Standard
	Pb	**208**	**0.021**	ug/L	0.002	10	219	1278	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IFB1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:40:04
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	139129	1	Standard
	Cl	**37**		ug/L			7043677	15103894	2	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1601784	1	Standard
|	**Cr**	**52**	**19.359**	ug/L	0.409	2	28595	637560	1	Standard
|	**Cr**	**53**	**25.104**	ug/L	0.858	3	286	91215	3	Standard
⌊	**Mn**	**55**	**18.794**	ug/L	0.282	1	1286	868964	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	51137	1	KED
|	**Ni**	**60**	**21.009**	ug/L	0.500	2	29	21480	1	KED
|	**Ni**	**62**	**21.090**	ug/L	0.621	2	5	3553	2	KED
|	**Cu**	**63**	**19.753**	ug/L	0.433	2	87	59615	1	KED
|	**Cu**	**65**	**19.878**	ug/L	0.306	1	47	30274	1	KED
|	**Zn**	**66**	**19.483**	ug/L	0.457	2	135	7014	0	KED
|	**Zn**	**67**	**16.643**	ug/L	1.108	6	25	1007	5	KED
|	**As**	**75**	**19.424**	ug/L	0.389	2	7	3702	0	KED
⌊	**Se**	**78**	**0.034**	ug/L	0.074	218	10	11	13	KED
	Y	**89**		ug/L			833230	854221	0	Standard
	Kr	**83**		ug/L			70	198	14	Standard
⌈>	**In-1**	**115**		ug/L			14689	14499	1	KED
|	**Cd**	**111**	**18.984**	ug/L	0.159	0	1	4821	1	KED
⌊	**Cd**	**114**	**18.897**	ug/L	0.336	1	3	11836	2	KED
⌈>	**In**	**115**		ug/L			866863	911488	2	Standard
|	**Ag**	**107**	**18.115**	ug/L	1.033	5	66	362391	3	Standard
|	**Sb**	**121**	**0.042**	ug/L	0.002	5	57	594	6	Standard
⌊	**Sb**	**123**	**0.042**	ug/L	0.004	9	45	471	6	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1441606	1	Standard
⌊	**Pb**	**208**	**0.019**	ug/L	0.001	7	219	1220	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:47:04
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	27664	2	Standard
	Cl	**37**		ug/L			7043677	7472499	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1475891	0	Standard
|	**Cr**	**52**	**199.144**	ug/L	2.706	1	28595	5774904	1	Standard
|	**Cr**	**53**	**196.397**	ug/L	2.517	1	286	655565	1	Standard
⌊	**Mn**	**55**	**195.538**	ug/L	4.451	2	1286	8318323	2	Standard
⌈>	**Ge**	**72**		ug/L			49044	48333	2	KED
|	**Ni**	**60**	**202.348**	ug/L	6.725	3	29	195248	1	KED
|	**Ni**	**62**	**203.851**	ug/L	3.010	1	5	32409	1	KED
|	**Cu**	**63**	**193.976**	ug/L	0.725	0	87	552650	2	KED
|	**Cu**	**65**	**193.612**	ug/L	5.662	2	47	278197	0	KED
|	**Zn**	**66**	**190.728**	ug/L	3.609	1	135	63725	0	KED
|	**Zn**	**67**	**192.051**	ug/L	4.198	2	25	10727	0	KED
|	**As**	**75**	**194.077**	ug/L	2.491	1	7	34897	2	KED
⌊	**Se**	**78**	**184.374**	ug/L	4.135	2	10	3219	0	KED
	Y	**89**		ug/L			833230	836733	0	Standard
	Kr	**83**		ug/L			70	192	12	Standard
⌈>	**In-1**	**115**		ug/L			14689	13739	4	KED
|	**Cd**	**111**	**192.876**	ug/L	10.927	5	1	46320	1	KED
⌊	**Cd**	**114**	**192.153**	ug/L	9.819	5	3	113839	0	KED
⌈>	**In**	**115**		ug/L			866863	848216	1	Standard
|	**Ag**	**107**	**197.205**	ug/L	7.028	3	66	3673099	3	Standard
|	**Sb**	**121**	**217.486**	ug/L	3.712	1	57	2586518	1	Standard
⌊	**Sb**	**123**	**193.694**	ug/L	1.131	0	45	1803588	1	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1310036	2	Standard
⌊	**Pb**	**208**	**200.700**	ug/L	6.676	3	219	9362278	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-HCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 12:51:50
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	27881	2	Standard
	Cl	**37**		ug/L			7043677	7340827	2	Standard
>	**Sc**	**45**		ug/L			1456839	1443147	1	Standard
	Cr	**52**	**295.702**	ug/L	6.619	2	28595	8368563	0	Standard
	Cr	**53**	**293.737**	ug/L	10.900	3	286	958175	1	Standard
	Mn	**55**	**287.101**	ug/L	8.265	2	1286	11938157	1	Standard
>	**Ge**	**72**		ug/L			49044	45276	2	KED
	Ni	**60**	**296.237**	ug/L	8.251	2	29	267748	0	KED
	Ni	**62**	**308.811**	ug/L	3.343	1	5	45990	1	KED
	Cu	**63**	**280.530**	ug/L	4.046	1	87	748575	2	KED
	Cu	**65**	**284.387**	ug/L	5.914	2	47	382821	1	KED
	Zn	**66**	**278.796**	ug/L	7.156	2	135	87192	1	KED
	Zn	**67**	**277.185**	ug/L	6.309	2	25	14496	2	KED
	As	**75**	**292.700**	ug/L	5.905	2	7	49286	0	KED
	Se	**78**	**282.444**	ug/L	4.437	1	10	4615	1	KED
	Y	**89**		ug/L			833230	808979	2	Standard
	Kr	**83**		ug/L			70	282	8	Standard
>	**In-1**	**115**		ug/L			14689	13556	0	KED
	Cd	**111**	**278.184**	ug/L	2.000	0	1	66028	0	KED
	Cd	**114**	**279.036**	ug/L	5.763	2	3	163341	1	KED
>	**In**	**115**		ug/L			866863	791176	1	Standard
	Ag	**107**	**305.943**	ug/L	9.445	3	66	5314332	1	Standard
	Sb	**121**	**323.994**	ug/L	3.576	1	57	3594223	1	Standard
	Sb	**123**	**315.416**	ug/L	4.902	1	45	2739258	0	Standard
>	**Tb**	**159**		ug/L			1312808	1219492	2	Standard
	Pb	**208**	**301.876**	ug/L	11.829	3	219	13105793	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:01:14
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	22436	0	Standard
	Cl	**37**		ug/L			7043677	7480653	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1462414	0	Standard
|	**Cr**	**52**	**-0.019**	ug/L	0.012	61	28595	28171	1	Standard
|	**Cr**	**53**	**0.013**	ug/L	0.006	45	286	328	5	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.000	24	1286	1371	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	48991	1	KED
|	**Ni**	**60**	**0.007**	ug/L	0.010	154	29	35	26	KED
|	**Ni**	**62**	**0.020**	ug/L	0.042	209	5	8	75	KED
|	**Cu**	**63**	**-0.012**	ug/L	0.003	27	87	52	18	KED
|	**Cu**	**65**	**-0.010**	ug/L	0.005	45	47	32	21	KED
|	**Zn**	**66**	**-0.201**	ug/L	0.010	5	135	67	6	KED
|	**Zn**	**67**	**-0.236**	ug/L	0.103	43	25	12	48	KED
|	**As**	**75**	**0.006**	ug/L	0.013	219	7	8	28	KED
⌊	**Se**	**78**	**0.044**	ug/L	0.037	84	10	10	5	KED
	Y	**89**		ug/L			833230	841773	1	Standard
	Kr	**83**		ug/L			70	71	34	Standard
⌈>	**In-1**	**115**		ug/L			14689	14828	4	KED
|	**Cd**	**111**	**0.015**	ug/L	0.016	106	1	5	71	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.003	50	3	7	25	KED
⌈>	**In**	**115**		ug/L			866863	855438	0	Standard
|	**Ag**	**107**	**0.010**	ug/L	0.003	31	66	259	22	Standard
|	**Sb**	**121**	**0.207**	ug/L	0.015	7	57	2541	6	Standard
⌊	**Sb**	**123**	**0.205**	ug/L	0.019	9	45	1967	8	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1327765	3	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	19	219	496	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:07:54
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	22857	0	Standard
	Cl	**37**		ug/L			7043677	7538951	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1457807	1	Standard
|	**Cr**	**52**	**0.001**	ug/L	0.002	262	28595	28636	1	Standard
|	**Cr**	**53**	**0.005**	ug/L	0.004	97	286	301	4	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.000	7	1286	1129	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	49318	3	KED
|	**Ni**	**60**	**-0.003**	ug/L	0.006	225	29	26	25	KED
|	**Ni**	**62**	**0.015**	ug/L	0.007	43	5	8	13	KED
|	**Cu**	**63**	**-0.007**	ug/L	0.004	60	87	66	22	KED
|	**Cu**	**65**	**-0.012**	ug/L	0.006	46	47	29	25	KED
|	**Zn**	**66**	**-0.218**	ug/L	0.026	11	135	61	12	KED
|	**Zn**	**67**	**-0.283**	ug/L	0.110	38	25	9	69	KED
|	**As**	**75**	**0.002**	ug/L	0.009	542	7	7	18	KED
⌊	**Se**	**78**	**0.193**	ug/L	0.188	97	10	13	26	KED
	Y	**89**		ug/L			833230	822196	1	Standard
	Kr	**83**		ug/L			70	62	9	Standard
⌈>	**In-1**	**115**		ug/L			14689	15049	0	KED
|	**Cd**	**111**	**0.010**	ug/L	0.006	59	1	4	35	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.003	181	3	4	43	KED
⌈>	**In**	**115**		ug/L			866863	835623	4	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	31	66	88	10	Standard
|	**Sb**	**121**	**0.073**	ug/L	0.006	8	57	910	6	Standard
⌊	**Sb**	**123**	**0.072**	ug/L	0.008	11	45	699	7	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1304804	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	21	219	276	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:14:36
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	27779	3	Standard
	Cl	**37**		ug/L			7043677	7524709	2	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1475430	2	Standard
|	**Cr**	**52**	**0.025**	ug/L	0.029	113	28595	29673	1	Standard
|	**Cr**	**53**	**-0.000**	ug/L	0.006	1392	286	288	4	Standard
⌊	**Mn**	**55**	**-0.002**	ug/L	0.002	88	1286	1216	3	Standard
⌈>	**Ge**	**72**		ug/L			49044	48629	3	KED
|	**Ni**	**60**	**0.002**	ug/L	0.005	238	29	31	18	KED
|	**Ni**	**62**	**0.012**	ug/L	0.013	106	5	7	25	KED
|	**Cu**	**63**	**-0.012**	ug/L	0.004	38	87	53	25	KED
|	**Cu**	**65**	**-0.017**	ug/L	0.007	39	47	22	40	KED
|	**Zn**	**66**	**-0.174**	ug/L	0.026	14	135	75	10	KED
|	**Zn**	**67**	**-0.290**	ug/L	0.021	7	25	8	12	KED
|	**As**	**75**	**0.002**	ug/L	0.004	219	7	7	12	KED
⌊	**Se**	**78**	**0.207**	ug/L	0.200	96	10	13	27	KED
	Y	**89**		ug/L			833230	828575	0	Standard
	Kr	**83**		ug/L			70	67	15	Standard
⌈>	**In-1**	**115**		ug/L			14689	14747	1	KED
|	**Cd**	**111**	**0.005**	ug/L	0.007	149	1	2	66	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.006	312	3	4	80	KED
⌈>	**In**	**115**		ug/L			866863	844788	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	32	66	85	6	Standard
|	**Sb**	**121**	**0.040**	ug/L	0.002	5	57	530	3	Standard
⌊	**Sb**	**123**	**0.040**	ug/L	0.002	3	45	417	4	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1328584	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	61	219	277	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:20:47
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	24064	3	Standard
	Cl	**37**		ug/L			7043677	7582893	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1486007	1	Standard
|	**Cr**	**52**	**50.217**	ug/L	1.114	2	28595	1487629	0	Standard
|	**Cr**	**53**	**52.205**	ug/L	2.013	3	286	175595	2	Standard
⌊	**Mn**	**55**	**52.270**	ug/L	1.618	3	1286	2239154	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	48704	3	KED
|	**Ni**	**60**	**51.916**	ug/L	2.563	4	29	50472	1	KED
|	**Ni**	**62**	**51.923**	ug/L	1.394	2	5	8325	4	KED
|	**Cu**	**63**	**50.645**	ug/L	1.029	2	87	145404	1	KED
|	**Cu**	**65**	**50.294**	ug/L	1.523	3	47	72850	1	KED
|	**Zn**	**66**	**51.360**	ug/L	0.656	1	135	17391	1	KED
|	**Zn**	**67**	**52.303**	ug/L	3.292	6	25	2959	3	KED
|	**As**	**75**	**50.584**	ug/L	2.074	4	7	9164	1	KED
⌊	**Se**	**78**	**49.701**	ug/L	1.671	3	10	881	0	KED
	Y	**89**		ug/L			833230	866057	1	Standard
	Kr	**83**		ug/L			70	86	12	Standard
⌈>	**In-1**	**115**		ug/L			14689	14580	1	KED
|	**Cd**	**111**	**49.731**	ug/L	0.359	0	1	12696	0	KED
⌊	**Cd**	**114**	**49.923**	ug/L	0.883	1	3	31433	0	KED
⌈>	**In**	**115**		ug/L			866863	852712	1	Standard
|	**Ag**	**107**	**51.904**	ug/L	2.783	5	66	971644	4	Standard
|	**Sb**	**121**	**54.478**	ug/L	0.757	1	57	651376	0	Standard
⌊	**Sb**	**123**	**50.360**	ug/L	0.400	0	45	471451	0	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1319968	0	Standard
⌊	**Pb**	**208**	**49.304**	ug/L	1.476	2	219	2318416	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:28:17
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	24239	1	Standard
	Cl	**37**		ug/L			7043677	7582525	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1461255	0	Standard
|	**Cr**	**52**	**-0.011**	ug/L	0.004	37	28595	28364	1	Standard
|	**Cr**	**53**	**-0.005**	ug/L	0.003	54	286	271	3	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	39	1286	1393	3	Standard
⌈>	**Ge**	**72**		ug/L			49044	49055	2	KED
|	**Ni**	**60**	**0.010**	ug/L	0.007	69	29	39	15	KED
|	**Ni**	**62**	**0.035**	ug/L	0.045	130	5	11	66	KED
|	**Cu**	**63**	**-0.005**	ug/L	0.004	82	87	71	17	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.006	134	47	41	18	KED
|	**Zn**	**66**	**-0.130**	ug/L	0.015	11	135	91	8	KED
|	**Zn**	**67**	**-0.167**	ug/L	0.088	52	25	15	30	KED
|	**As**	**75**	**-0.005**	ug/L	0.005	96	7	6	11	KED
⌊	**Se**	**78**	**0.199**	ug/L	0.092	46	10	13	9	KED
	Y	**89**		ug/L			833230	835544	2	Standard
	Kr	**83**		ug/L			70	59	21	Standard
⌈>	**In-1**	**115**		ug/L			14689	14780	2	KED
|	**Cd**	**111**	**0.015**	ug/L	0.010	65	1	5	44	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.004	378	3	4	52	KED
⌈>	**In**	**115**		ug/L			866863	832226	2	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	10	66	103	6	Standard
|	**Sb**	**121**	**0.064**	ug/L	0.004	6	57	801	4	Standard
⌊	**Sb**	**123**	**0.067**	ug/L	0.005	6	45	656	4	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1302750	1	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.000	193	219	224	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0127-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:39:06
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	28830	1	Standard
	Cl	**37**		ug/L			7043677	7530542	2	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1474756	0	Standard
|	**Cr**	**52**	**0.124**	ug/L	0.010	7	28595	32519	1	Standard
|	**Cr**	**53**	**0.080**	ug/L	0.006	7	286	557	3	Standard
⌊	**Mn**	**55**	**0.006**	ug/L	0.000	2	1286	1538	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	49178	1	KED
|	**Ni**	**60**	**0.004**	ug/L	0.005	127	29	33	14	KED
|	**Ni**	**62**	**0.008**	ug/L	0.038	475	5	6	87	KED
|	**Cu**	**63**	**0.012**	ug/L	0.002	14	87	121	2	KED
|	**Cu**	**65**	**0.009**	ug/L	0.003	33	47	61	7	KED
|	**Zn**	**66**	**0.649**	ug/L	0.056	8	135	356	7	KED
|	**Zn**	**67**	**0.458**	ug/L	0.234	51	25	51	25	KED
|	**As**	**75**	**-0.001**	ug/L	0.003	358	7	7	7	KED
⌊	**Se**	**78**	**0.232**	ug/L	0.213	92	10	14	27	KED
	Y	**89**		ug/L			833230	831365	1	Standard
	Kr	**83**		ug/L			70	57	25	Standard
⌈>	**In-1**	**115**		ug/L			14689	14903	3	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.010	3606	1	1	173	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.004	368	3	2	80	KED
⌈>	**In**	**115**		ug/L			866863	831504	4	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	71	66	79	11	Standard
|	**Sb**	**121**	**0.029**	ug/L	0.005	17	57	393	10	Standard
⌊	**Sb**	**123**	**0.032**	ug/L	0.009	27	45	332	20	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1322110	3	Standard
⌊	**Pb**	**208**	**0.246**	ug/L	0.011	4	219	11775	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0127-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:43:52
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	32037	3	Standard
	Cl	**37**		ug/L			7043677	7580331	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1469312	0	Standard
|	**Cr**	**52**	**25.250**	ug/L	0.805	3	28595	754137	3	Standard
|	**Cr**	**53**	**25.883**	ug/L	0.209	0	286	86265	0	Standard
⌊	**Mn**	**55**	**25.152**	ug/L	0.487	1	1286	1066409	2	Standard
⌈>	**Ge**	**72**		ug/L			49044	48956	1	KED
|	**Ni**	**60**	**25.723**	ug/L	0.648	2	29	25173	1	KED
|	**Ni**	**62**	**25.912**	ug/L	0.288	1	5	4178	0	KED
|	**Cu**	**63**	**25.614**	ug/L	0.163	0	87	73992	0	KED
|	**Cu**	**65**	**26.069**	ug/L	0.885	3	47	37992	2	KED
|	**Zn**	**66**	**82.260**	ug/L	2.068	2	135	27919	1	KED
|	**Zn**	**67**	**75.814**	ug/L	1.775	2	25	4306	1	KED
|	**As**	**75**	**24.900**	ug/L	0.650	2	7	4541	1	KED
⌊	**Se**	**78**	**78.168**	ug/L	1.327	1	10	1388	0	KED
	Y	**89**		ug/L			833230	830815	0	Standard
	Kr	**83**		ug/L			70	71	39	Standard
⌈>	**In-1**	**115**		ug/L			14689	14699	1	KED
|	**Cd**	**111**	**24.971**	ug/L	0.418	1	1	6427	0	KED
⌊	**Cd**	**114**	**24.935**	ug/L	0.303	1	3	15830	0	KED
⌈>	**In**	**115**		ug/L			866863	839248	1	Standard
|	**Ag**	**107**	**27.420**	ug/L	1.122	4	66	505426	4	Standard
|	**Sb**	**121**	**0.011**	ug/L	0.001	10	57	186	8	Standard
⌊	**Sb**	**123**	**0.011**	ug/L	0.002	20	45	147	13	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1306472	2	Standard
⌊	**Pb**	**208**	**25.277**	ug/L	0.572	2	219	1176245	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0128-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:48:37
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24724	32136	1	Standard
	Cl	37		ug/L			7043677	7576041	1	Standard
⌈>	Sc	45		ug/L			1456839	1510457	1	Standard
|	Cr	52	0.043	ug/L	0.019	43	28595	30927	0	Standard
|	Cr	53	0.035	ug/L	0.002	5	286	417	2	Standard
⌊	Mn	55	0.005	ug/L	0.001	11	1286	1543	1	Standard
⌈>	Ge	72		ug/L			49044	49388	3	KED
|	Ni	60	0.008	ug/L	0.007	79	29	37	16	KED
|	Ni	62	0.015	ug/L	0.024	157	5	8	48	KED
|	Cu	63	0.237	ug/L	0.006	2	87	779	4	KED
|	Cu	65	0.238	ug/L	0.030	12	47	398	13	KED
|	Zn	66	0.787	ug/L	0.027	3	135	404	4	KED
|	Zn	67	0.892	ug/L	0.175	19	25	76	10	KED
|	As	75	0.014	ug/L	0.007	54	7	10	12	KED
⌊	Se	78	0.262	ug/L	0.126	47	10	14	16	KED
	Y	89		ug/L			833230	867547	3	Standard
	Kr	83		ug/L			70	65	26	Standard
⌈>	In-1	115		ug/L			14689	14527	2	KED
|	Cd	111	0.013	ug/L	0.000	3	1	4	0	KED
⌊	Cd	114	-0.002	ug/L	0.002	105	3	2	56	KED
⌈>	In	115		ug/L			866863	875899	0	Standard
|	Ag	107	0.003	ug/L	0.001	39	66	116	17	Standard
|	Sb	121	0.007	ug/L	0.001	19	57	144	12	Standard
⌊	Sb	123	0.008	ug/L	0.002	32	45	118	20	Standard
⌈>	Tb	159		ug/L			1312808	1347153	0	Standard
⌊	Pb	208	0.001	ug/L	0.000	17	219	260	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0128-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 13:53:23
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	32605	0	Standard
	Cl	**37**		ug/L			7043677	7663955	0	Standard
>	**Sc**	**45**		ug/L			1456839	1513208	2	Standard
	Cr	**52**	**25.243**	ug/L	0.863	3	28595	776055	0	Standard
	Cr	**53**	**25.616**	ug/L	0.786	3	286	87889	1	Standard
	Mn	**55**	**24.851**	ug/L	0.359	1	1286	1084879	1	Standard
>	**Ge**	**72**		ug/L			49044	50294	1	KED
	Ni	**60**	**24.981**	ug/L	0.901	3	29	25110	1	KED
	Ni	**62**	**26.074**	ug/L	0.580	2	5	4319	2	KED
	Cu	**63**	**26.283**	ug/L	0.556	2	87	77981	0	KED
	Cu	**65**	**26.252**	ug/L	1.370	5	47	39289	3	KED
	Zn	**66**	**78.459**	ug/L	2.804	3	135	27362	3	KED
	Zn	**67**	**76.665**	ug/L	2.678	3	25	4471	1	KED
	As	**75**	**23.849**	ug/L	0.481	2	7	4468	1	KED
	Se	**78**	**74.522**	ug/L	3.264	4	10	1360	2	KED
	Y	**89**		ug/L			833230	854724	2	Standard
	Kr	**83**		ug/L			70	63	12	Standard
>	**In-1**	**115**		ug/L			14689	14735	1	KED
	Cd	**111**	**24.668**	ug/L	0.700	2	1	6364	2	KED
	Cd	**114**	**25.245**	ug/L	0.215	0	3	16069	2	KED
>	**In**	**115**		ug/L			866863	899964	3	Standard
	Ag	**107**	**25.793**	ug/L	1.491	5	66	509105	2	Standard
	Sb	**121**	**0.008**	ug/L	0.002	23	57	156	10	Standard
	Sb	**123**	**0.007**	ug/L	0.001	18	45	116	7	Standard
>	**Tb**	**159**		ug/L			1312808	1347866	1	Standard
	Pb	**208**	**24.838**	ug/L	0.464	1	219	1192631	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0035-01
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 13:59:18
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	29059	0	Standard
	Cl	**37**		ug/L			7043677	7488128	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1507081	0	Standard
|	**Cr**	**52**	**-0.027**	ug/L	0.005	20	28595	28781	1	Standard
|	**Cr**	**53**	**0.024**	ug/L	0.008	32	286	377	7	Standard
⌊	**Mn**	**55**	**106.758**	ug/L	0.671	0	1286	4638480	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	48863	4	KED
|	**Ni**	**60**	**1.272**	ug/L	0.015	1	29	1269	4	KED
|	**Ni**	**62**	**1.432**	ug/L	0.074	5	5	236	9	KED
|	**Cu**	**63**	**5.293**	ug/L	0.237	4	87	15310	0	KED
|	**Cu**	**65**	**5.216**	ug/L	0.314	6	47	7614	1	KED
|	**Zn**	**66**	**119.092**	ug/L	7.396	6	135	40218	1	KED
|	**Zn**	**67**	**104.651**	ug/L	5.305	5	25	5914	0	KED
|	**As**	**75**	**0.036**	ug/L	0.018	48	7	13	22	KED
⌊	**Se**	**78**	**0.296**	ug/L	0.259	87	10	15	26	KED
	Y	**89**		ug/L			833230	857479	0	Standard
	Kr	**83**		ug/L			70	61	21	Standard
⌈>	**In-1**	**115**		ug/L			14689	14442	2	KED
|	**Cd**	**111**	**0.451**	ug/L	0.010	2	1	115	3	KED
⌊	**Cd**	**114**	**0.429**	ug/L	0.026	6	3	270	6	KED
⌈>	**In**	**115**		ug/L			866863	875582	3	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	6	66	112	4	Standard
|	**Sb**	**121**	**0.011**	ug/L	0.002	22	57	189	11	Standard
⌊	**Sb**	**123**	**0.009**	ug/L	0.003	30	45	135	18	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1333559	1	Standard
⌊	**Pb**	**208**	**0.021**	ug/L	0.000	1	219	1231	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0035-03
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 14:04:28
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	30974	1	Standard
	Cl	**37**		ug/L			7043677	7627020	3	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1529918	0	Standard
|	**Cr**	**52**	**-0.008**	ug/L	0.041	504	28595	29780	3	Standard
|	**Cr**	**53**	**0.005**	ug/L	0.004	77	286	318	3	Standard
⌊	**Mn**	**55**	**55.889**	ug/L	0.861	1	1286	2465528	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	50412	2	KED
|	**Ni**	**60**	**0.281**	ug/L	0.035	12	29	313	12	KED
|	**Ni**	**62**	**0.225**	ug/L	0.043	19	5	43	17	KED
|	**Cu**	**63**	**0.038**	ug/L	0.005	13	87	203	8	KED
|	**Cu**	**65**	**0.039**	ug/L	0.007	19	47	107	10	KED
|	**Zn**	**66**	**1.072**	ug/L	0.124	11	135	512	9	KED
|	**Zn**	**67**	**1.308**	ug/L	0.258	19	25	102	15	KED
|	**As**	**75**	**0.001**	ug/L	0.011	1672	7	7	25	KED
⌊	**Se**	**78**	**0.332**	ug/L	0.116	34	10	16	13	KED
	Y	**89**		ug/L			833230	850163	1	Standard
	Kr	**83**		ug/L			70	64	11	Standard
⌈>	**In-1**	**115**		ug/L			14689	15157	5	KED
|	**Cd**	**111**	**0.014**	ug/L	0.011	74	1	5	50	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	104	3	5	32	KED
⌈>	**In**	**115**		ug/L			866863	900380	4	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	178	66	66	10	Standard
|	**Sb**	**121**	**0.007**	ug/L	0.001	19	57	153	7	Standard
⌊	**Sb**	**123**	**0.008**	ug/L	0.001	11	45	123	3	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1367230	0	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.002	19	219	617	12	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0035-02
Sample Dil Factor: 100
Comments:
Sample Date/Time: Monday, March 09, 2020 14:09:38
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24724	29859	0	Standard
	Cl	37		ug/L			7043677	7710460	1	Standard
>	Sc	45		ug/L			1456839	1473170	1	Standard
	Cr	52	-0.013	ug/L	0.031	241	28595	28540	1	Standard
	Cr	53	-0.005	ug/L	0.009	178	286	273	10	Standard
	Mn	55	10.175	ug/L	0.240	2	1286	433218	1	Standard
>	Ge	72		ug/L			49044	49515	0	KED
	Ni	60	0.081	ug/L	0.011	13	29	109	10	KED
	Ni	62	0.121	ug/L	0.015	12	5	25	8	KED
	Cu	63	10.201	ug/L	0.140	1	87	29857	1	KED
	Cu	65	10.302	ug/L	0.294	2	47	15215	2	KED
	Zn	66	185.486	ug/L	1.188	0	135	63512	0	KED
	Zn	67	163.281	ug/L	2.603	1	25	9350	0	KED
	As	75	0.004	ug/L	0.008	195	7	8	16	KED
	Se	78	0.074	ug/L	0.059	79	10	11	9	KED
	Y	89		ug/L			833230	831443	1	Standard
	Kr	83		ug/L			70	64	17	Standard
>	In-1	115		ug/L			14689	14393	1	KED
	Cd	111	0.390	ug/L	0.043	10	1	100	11	KED
	Cd	114	0.404	ug/L	0.016	3	3	254	4	KED
>	In	115		ug/L			866863	874765	1	Standard
	Ag	107	0.001	ug/L	0.000	63	66	78	10	Standard
	Sb	121	0.006	ug/L	0.001	23	57	131	12	Standard
	Sb	123	0.005	ug/L	0.002	42	45	93	21	Standard
>	Tb	159		ug/L			1312808	1324970	1	Standard
	Pb	208	0.686	ug/L	0.017	2	219	32608	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0044-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 14:15:48

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			24724	87051	1	Standard
Cl	37		ug/L			7043677	353255902	1	Standard
> Sc	45		ug/L			1456839	954404	0	Standard
Cr	52	3.240	ug/L	0.310	9	28595	79157	6	Standard
Cr	53	215.417	ug/L	10.343	4	286	464877	4	Standard
Mn	55	2435.917	ug/L	22.573	0	1286	67005797	1	Standard
> Ge	72		ug/L			49044	17209	1	KED
Ni	60	11.990	ug/L	0.274	2	29	4131	3	KED
Ni	62	33.796	ug/L	0.863	2	5	1915	2	KED
Cu	63	9906.673	ug/L	210.366	2	87	10048042	2	KED
Cu	65	9975.431	ug/L	154.265	1	47	5105098	1	KED
Zn	66	174.843	ug/L	4.930	2	135	20812	3	KED
Zn	67	160.398	ug/L	4.854	3	25	3192	2	KED
As	75	21.662	ug/L	0.559	2	7	1389	2	KED
Se	78	11.681	ug/L	0.112	0	10	75	0	KED
Y	89		ug/L			833230	414859	1	Standard
Kr	83		ug/L			70	27536	10	Standard
> In-1	115		ug/L			14689	4672	2	KED
Cd	111	1.291	ug/L	0.213	16	1	106	15	KED
Cd	114	1.143	ug/L	0.197	17	3	231	15	KED
> In	115		ug/L			866863	344024	0	Standard
Ag	107	0.249	ug/L	0.008	3	66	1904	3	Standard
Sb	121	0.529	ug/L	0.024	4	57	2576	4	Standard
Sb	123	0.768	ug/L	0.023	3	45	2918	2	Standard
> Tb	159		ug/L			1312808	536110	1	Standard
Pb	208	0.074	ug/L	0.006	7	219	1497	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 14:24:59
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24724	24681	4	Standard
	Cl	37		ug/L			7043677	8119194	2	Standard
>	Sc	45		ug/L			1456839	1455023	0	Standard
	Cr	52	0.167	ug/L	0.026	15	28595	33295	2	Standard
	Cr	53	9.645	ug/L	0.283	2	286	32011	2	Standard
	Mn	55	0.244	ug/L	0.144	58	1286	11501	51	Standard
>	Ge	72		ug/L			49044	51386	1	KED
	Ni	60	0.002	ug/L	0.008	369	29	33	27	KED
	Ni	62	0.739	ug/L	0.104	14	5	130	12	KED
	Cu	63	0.201	ug/L	0.037	18	87	700	16	KED
	Cu	65	0.196	ug/L	0.039	19	47	349	18	KED
	Zn	66	-0.233	ug/L	0.034	14	135	59	19	KED
	Zn	67	-0.267	ug/L	0.072	27	25	10	40	KED
	As	75	0.016	ug/L	0.009	58	7	10	16	KED
	Se	78	0.275	ug/L	0.019	7	10	15	3	KED
	Y	89		ug/L			833230	836861	2	Standard
	Kr	83		ug/L			70	431	3	Standard
>	In-1	115		ug/L			14689	15899	1	KED
	Cd	111	0.008	ug/L	0.003	45	1	3	25	KED
	Cd	114	0.002	ug/L	0.003	105	3	5	33	KED
>	In	115		ug/L			866863	810553	4	Standard
	Ag	107	-0.000	ug/L	0.000	362	66	59	18	Standard
	Sb	121	0.002	ug/L	0.001	35	57	82	16	Standard
	Sb	123	0.002	ug/L	0.000	6	45	62	4	Standard
>	Tb	159		ug/L			1312808	1312262	1	Standard
	Pb	208	0.002	ug/L	0.001	25	219	328	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 14:34:09
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			24724	23611	2	Standard
	Cl	37		ug/L			7043677	7405311	1	Standard
>	Sc	45		ug/L			1456839	1365717	1	Standard
	Cr	52	0.112	ug/L	0.024	21	28595	29804	3	Standard
	Cr	53	3.824	ug/L	0.150	3	286	12073	3	Standard
	Mn	55	0.058	ug/L	0.001	2	1286	3499	1	Standard
>	Ge	72		ug/L			49044	49351	3	KED
	Ni	60	-0.007	ug/L	0.001	14	29	22	4	KED
	Ni	62	0.546	ug/L	0.068	12	5	94	14	KED
	Cu	63	0.256	ug/L	0.366	143	87	858	130	KED
	Cu	65	0.243	ug/L	0.378	155	47	417	139	KED
	Zn	66	-0.209	ug/L	0.044	21	135	65	27	KED
	Zn	67	-0.261	ug/L	0.104	40	25	10	56	KED
	As	75	-0.001	ug/L	0.009	730	7	7	24	KED
	Se	78	0.414	ug/L	0.054	13	10	17	9	KED
	Y	89		ug/L			833230	805968	1	Standard
	Kr	83		ug/L			70	232	12	Standard
>	In-1	115		ug/L			14689	14883	2	KED
	Cd	111	0.007	ug/L	0.007	101	1	3	56	KED
	Cd	114	-0.001	ug/L	0.003	352	3	3	70	KED
>	In	115		ug/L			866863	761481	3	Standard
	Ag	107	0.001	ug/L	0.001	130	66	67	18	Standard
	Sb	121	0.002	ug/L	0.002	138	57	68	33	Standard
	Sb	123	0.001	ug/L	0.002	179	45	47	25	Standard
>	Tb	159		ug/L			1312808	1211438	0	Standard
	Pb	208	0.001	ug/L	0.001	81	219	240	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 14:43:19
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	22905	2	Standard
	Cl	**37**		ug/L			7043677	7209481	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1381861	1	Standard
|	**Cr**	**52**	**49.592**	ug/L	0.637	1	28595	1366744	0	Standard
|	**Cr**	**53**	**52.712**	ug/L	1.001	1	286	164965	2	Standard
⌊	**Mn**	**55**	**47.199**	ug/L	0.591	1	1286	1880967	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	48335	0	KED
|	**Ni**	**60**	**49.458**	ug/L	0.414	0	29	47771	1	KED
|	**Ni**	**62**	**50.890**	ug/L	0.546	1	5	8096	0	KED
|	**Cu**	**63**	**50.346**	ug/L	0.508	1	87	143507	0	KED
|	**Cu**	**65**	**50.740**	ug/L	0.876	1	47	72986	2	KED
|	**Zn**	**66**	**50.930**	ug/L	0.752	1	135	17122	2	KED
|	**Zn**	**67**	**53.272**	ug/L	2.674	5	25	2994	4	KED
|	**As**	**75**	**50.512**	ug/L	0.560	1	7	9089	1	KED
⌊	**Se**	**78**	**51.525**	ug/L	0.916	1	10	907	2	KED
	Y	**89**		ug/L			833230	776342	1	Standard
	Kr	**83**		ug/L			70	106	14	Standard
⌈>	**In-1**	**115**		ug/L			14689	15464	4	KED
|	**Cd**	**111**	**47.134**	ug/L	2.757	5	1	12741	1	KED
⌊	**Cd**	**114**	**47.516**	ug/L	3.146	6	3	31674	2	KED
⌈>	**In**	**115**		ug/L			866863	749791	3	Standard
|	**Ag**	**107**	**54.225**	ug/L	2.569	4	66	891972	1	Standard
|	**Sb**	**121**	**54.676**	ug/L	2.070	3	57	574451	1	Standard
⌊	**Sb**	**123**	**54.368**	ug/L	1.048	1	45	447387	1	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1232296	1	Standard
⌊	**Pb**	**208**	**45.042**	ug/L	1.157	2	219	1977057	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB3
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 14:50:49
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	23199	1	Standard
	Cl	**37**		ug/L			7043677	7112252	1	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1309319	1	Standard
|	**Cr**	**52**	**0.030**	ug/L	0.019	62	28595	26473	3	Standard
|	**Cr**	**53**	**1.366**	ug/L	0.036	2	286	4300	3	Standard
⌊	**Mn**	**55**	**0.025**	ug/L	0.001	2	1286	2109	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	46908	2	KED
|	**Ni**	**60**	**0.008**	ug/L	0.005	67	29	35	15	KED
|	**Ni**	**62**	**0.224**	ug/L	0.049	21	5	40	19	KED
|	**Cu**	**63**	**0.005**	ug/L	0.010	207	87	96	26	KED
|	**Cu**	**65**	**0.006**	ug/L	0.007	104	47	54	17	KED
|	**Zn**	**66**	**-0.131**	ug/L	0.011	8	135	86	3	KED
|	**Zn**	**67**	**-0.121**	ug/L	0.110	90	25	17	34	KED
|	**As**	**75**	**0.029**	ug/L	0.026	92	7	12	35	KED
⌊	**Se**	**78**	**0.129**	ug/L	0.185	143	10	11	26	KED
	Y	**89**		ug/L			833230	729734	1	Standard
	Kr	**83**		ug/L			70	90	11	Standard
⌈>	**In-1**	**115**		ug/L			14689	14892	2	KED
|	**Cd**	**111**	**0.010**	ug/L	0.004	45	1	4	26	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.003	89	3	5	32	KED
⌈>	**In**	**115**		ug/L			866863	744025	3	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	47	66	89	21	Standard
|	**Sb**	**121**	**0.051**	ug/L	0.002	3	57	580	7	Standard
⌊	**Sb**	**123**	**0.050**	ug/L	0.003	6	45	448	9	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1195164	2	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	75	219	243	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BLK
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 14:57:23
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	42576	0	Standard
	Cl	**37**		ug/L			7043677	7415122	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1500947	1	Standard
|	**Cr**	**52**	**0.074**	ug/L	0.029	38	28595	31633	2	Standard
|	**Cr**	**53**	**0.957**	ug/L	0.032	3	286	3541	2	Standard
⌊	**Mn**	**55**	**0.041**	ug/L	0.001	1	1286	3110	0	Standard
⌈>	**Ge**	**72**		ug/L			49044	50440	2	KED
|	**Ni**	**60**	**0.000**	ug/L	0.004	1184	29	30	16	KED
|	**Ni**	**62**	**0.190**	ug/L	0.020	10	5	37	10	KED
|	**Cu**	**63**	**0.051**	ug/L	0.048	92	87	244	59	KED
|	**Cu**	**65**	**0.040**	ug/L	0.052	130	47	109	73	KED
|	**Zn**	**66**	**-0.117**	ug/L	0.045	38	135	98	15	KED
|	**Zn**	**67**	**-0.130**	ug/L	0.174	133	25	18	53	KED
|	**As**	**75**	**0.020**	ug/L	0.016	82	7	11	28	KED
⌊	**Se**	**78**	**0.192**	ug/L	0.118	61	10	13	15	KED
	Y	**89**		ug/L			833230	855443	1	Standard
	Kr	**83**		ug/L			70	64	24	Standard
⌈>	**In-1**	**115**		ug/L			14689	16155	0	KED
|	**Cd**	**111**	**0.005**	ug/L	0.007	139	1	3	62	KED
⌊	**Cd**	**114**	**-0.001**	ug/L	0.008	535	3	2	187	KED
⌈>	**In**	**115**		ug/L			866863	839308	3	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.000	497	66	65	12	Standard
|	**Sb**	**121**	**0.020**	ug/L	0.001	3	57	295	0	Standard
⌊	**Sb**	**123**	**0.022**	ug/L	0.002	9	45	242	5	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1342299	1	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.001	13	219	566	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BLK
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:05:33
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	41924	1	Standard
	Cl	**37**		ug/L			7043677	7391140	2	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1484049	1	Standard
|	**Cr**	**52**	**0.063**	ug/L	0.015	23	28595	30946	2	Standard
|	**Cr**	**53**	**0.738**	ug/L	0.006	0	286	2766	2	Standard
⌊	**Mn**	**55**	**0.039**	ug/L	0.001	3	1286	2983	3	Standard
⌈>	**Ge**	**72**		ug/L			49044	50135	1	KED
|	**Ni**	**60**	**0.016**	ug/L	0.014	85	29	45	29	KED
|	**Ni**	**62**	**0.119**	ug/L	0.049	41	5	25	30	KED
|	**Cu**	**63**	**0.020**	ug/L	0.003	16	87	148	6	KED
|	**Cu**	**65**	**0.016**	ug/L	0.007	44	47	72	13	KED
|	**Zn**	**66**	**-0.108**	ug/L	0.030	27	135	100	10	KED
|	**Zn**	**67**	**-0.165**	ug/L	0.118	71	25	16	43	KED
|	**As**	**75**	**0.007**	ug/L	0.010	141	7	8	18	KED
⌊	**Se**	**78**	**0.130**	ug/L	0.149	115	10	12	22	KED
	Y	**89**		ug/L			833230	811082	1	Standard
	Kr	**83**		ug/L			70	45	4	Standard
⌈>	**In-1**	**115**		ug/L			14689	15924	2	KED
|	**Cd**	**111**	**0.003**	ug/L	0.005	180	1	2	57	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.004	58	3	8	33	KED
⌈>	**In**	**115**		ug/L			866863	833457	4	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.001	132	66	56	18	Standard
|	**Sb**	**121**	**0.011**	ug/L	0.003	24	57	184	13	Standard
⌊	**Sb**	**123**	**0.010**	ug/L	0.001	11	45	134	3	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1316566	0	Standard
⌊	**Pb**	**208**	**0.007**	ug/L	0.001	14	219	569	8	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BLK
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:13:43
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			24724	23576	1	Standard
	Cl	**37**		ug/L			7043677	7140410	0	Standard
⌈>	**Sc**	**45**		ug/L			1456839	1280570	8	Standard
|	**Cr**	**52**	**0.055**	ug/L	0.078	140	28595	26414	1	Standard
|	**Cr**	**53**	**0.739**	ug/L	0.101	13	286	2374	3	Standard
⌊	**Mn**	**55**	**0.013**	ug/L	0.004	34	1286	1597	1	Standard
⌈>	**Ge**	**72**		ug/L			49044	47308	1	KED
|	**Ni**	**60**	**0.000**	ug/L	0.007	1861	29	28	24	KED
|	**Ni**	**62**	**0.091**	ug/L	0.026	28	5	19	20	KED
|	**Cu**	**63**	**-0.007**	ug/L	0.004	60	87	65	17	KED
|	**Cu**	**65**	**-0.002**	ug/L	0.009	367	47	42	30	KED
|	**Zn**	**66**	**-0.262**	ug/L	0.035	13	135	45	25	KED
|	**Zn**	**67**	**-0.344**	ug/L	0.035	10	25	5	33	KED
|	**As**	**75**	**0.020**	ug/L	0.014	73	7	10	22	KED
⌊	**Se**	**78**	**0.208**	ug/L	0.196	94	10	13	23	KED
	Y	**89**		ug/L			833230	729951	7	Standard
	Kr	**83**		ug/L			70	63	14	Standard
⌈>	**In-1**	**115**		ug/L			14689	14290	0	KED
|	**Cd**	**111**	**0.010**	ug/L	0.004	41	1	4	26	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	144	3	4	26	KED
⌈>	**In**	**115**		ug/L			866863	702734	7	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	59	66	48	11	Standard
|	**Sb**	**121**	**0.002**	ug/L	0.001	34	57	67	4	Standard
⌊	**Sb**	**123**	**0.003**	ug/L	0.001	26	45	59	14	Standard
⌈>	**Tb**	**159**		ug/L			1312808	1147101	8	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.001	248	219	182	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:21:13
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				22692	3	Standard
	Cl	**37**		ug/L				7204073	2	Standard
⎡>	**Sc**	**45**		ug/L				1337862	2	Standard
⎢	**Cr**	**52**		ug/L				25827	2	Standard
⎢	**Cr**	**53**		ug/L				2026	1	Standard
⎣	**Mn**	**55**		ug/L				1538	4	Standard
⎡>	**Ge**	**72**		ug/L				45858	1	KED
⎢	**Ni**	**60**		ug/L				26	18	KED
⎢	**Ni**	**62**		ug/L				22	40	KED
⎢	**Cu**	**63**		ug/L				99	62	KED
⎢	**Cu**	**65**		ug/L				55	66	KED
⎢	**Zn**	**66**		ug/L				45	23	KED
⎢	**Zn**	**67**		ug/L				9	20	KED
⎢	**As**	**75**		ug/L				8	11	KED
⎣	**Se**	**78**		ug/L				11	23	KED
	Y	**89**		ug/L				747675	1	Standard
	Kr	**83**		ug/L				51	19	Standard
⎡>	**In-1**	**115**		ug/L				14426	2	KED
⎢	**Cd**	**111**		ug/L				4	20	KED
⎣	**Cd**	**114**		ug/L				1	109	KED
⎡>	**In**	**115**		ug/L				767005	3	Standard
⎢	**Ag**	**107**		ug/L				59	13	Standard
⎢	**Sb**	**121**		ug/L				60	23	Standard
⎣	**Sb**	**123**		ug/L				57	19	Standard
⎡>	**Tb**	**159**		ug/L				1223964	2	Standard
⎣	**Pb**	**208**		ug/L				157	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:25:59
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	23134	2	Standard
	Cl	**37**		ug/L			7204073	7116867	0	Standard
⌈>	**Sc**	**45**		ug/L			1337862	1350891	3	Standard
|	**Cr**	**52**	**49.734**	ug/L	1.991	4	25827	1338522	1	Standard
|	**Cr**	**53**	**51.126**	ug/L	1.629	3	2026	158093	1	Standard
⌊	**Mn**	**55**	**48.092**	ug/L	1.117	2	1538	1873075	0	Standard
⌈>	**Ge**	**72**		ug/L			45858	47222	2	KED
|	**Ni**	**60**	**51.091**	ug/L	2.168	4	26	48180	2	KED
|	**Ni**	**62**	**50.510**	ug/L	1.614	3	22	7865	0	KED
|	**Cu**	**63**	**49.573**	ug/L	0.266	0	99	138068	2	KED
|	**Cu**	**65**	**51.005**	ug/L	0.994	1	55	71664	1	KED
|	**Zn**	**66**	**50.791**	ug/L	1.302	2	45	16590	0	KED
|	**Zn**	**67**	**48.925**	ug/L	0.178	0	9	2674	2	KED
|	**As**	**75**	**50.756**	ug/L	1.697	3	8	8921	2	KED
⌊	**Se**	**78**	**51.157**	ug/L	1.133	2	11	882	2	KED
	Y	**89**		ug/L			747675	776009	4	Standard
	Kr	**83**		ug/L			51	75	7	Standard
⌈>	**In-1**	**115**		ug/L			14426	14503	3	KED
|	**Cd**	**111**	**49.381**	ug/L	1.208	2	4	12538	0	KED
⌊	**Cd**	**114**	**49.933**	ug/L	1.434	2	1	31259	1	KED
⌈>	**In**	**115**		ug/L			767005	766846	2	Standard
|	**Ag**	**107**	**51.474**	ug/L	2.340	4	59	866164	1	Standard
|	**Sb**	**121**	**51.651**	ug/L	1.647	3	60	555133	0	Standard
⌊	**Sb**	**123**	**52.577**	ug/L	1.690	3	57	442436	1	Standard
⌈>	**Tb**	**159**		ug/L			1223964	1221114	1	Standard
⌊	**Pb**	**208**	**44.625**	ug/L	1.790	4	157	1940639	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB4
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:33:30
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	23333	1	Standard
	Cl	**37**		ug/L			7204073	7309399	1	Standard
⌈>	**Sc**	**45**		ug/L			1337862	1326266	1	Standard
|	**Cr**	**52**	**0.026**	ug/L	0.003	12	25827	26280	1	Standard
|	**Cr**	**53**	**-0.121**	ug/L	0.033	27	2026	1646	4	Standard
⌊	**Mn**	**55**	**-0.003**	ug/L	0.001	39	1538	1419	2	Standard
⌈>	**Ge**	**72**		ug/L			45858	46276	4	KED
|	**Ni**	**60**	**0.002**	ug/L	0.000	10	26	27	3	KED
|	**Ni**	**62**	**-0.039**	ug/L	0.021	53	22	16	17	KED
|	**Cu**	**63**	**-0.015**	ug/L	0.002	10	99	59	3	KED
|	**Cu**	**65**	**-0.013**	ug/L	0.003	24	55	37	7	KED
|	**Zn**	**66**	**0.049**	ug/L	0.039	80	45	60	19	KED
|	**Zn**	**67**	**0.094**	ug/L	0.058	61	9	14	19	KED
|	**As**	**75**	**0.000**	ug/L	0.001	257	8	8	6	KED
⌊	**Se**	**78**	**0.070**	ug/L	0.253	360	11	12	35	KED
	Y	**89**		ug/L			747675	759833	3	Standard
	Kr	**83**		ug/L			51	62	19	Standard
⌈>	**In-1**	**115**		ug/L			14426	14744	6	KED
|	**Cd**	**111**	**-0.009**	ug/L	0.008	87	4	2	86	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.002	221	1	2	50	KED
⌈>	**In**	**115**		ug/L			767005	746635	2	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.002	81	59	96	34	Standard
|	**Sb**	**121**	**0.047**	ug/L	0.001	2	60	549	3	Standard
⌊	**Sb**	**123**	**0.043**	ug/L	0.004	8	57	410	10	Standard
⌈>	**Tb**	**159**		ug/L			1223964	1202984	3	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	55	157	215	16	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0126-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:39:10
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22692	28151	3	Standard
	Cl	37		ug/L			7204073	7595762	1	Standard
⌈>	Sc	45		ug/L			1337862	1356880	0	Standard
|	Cr	52	0.097	ug/L	0.006	6	25827	28775	0	Standard
|	Cr	53	-0.104	ug/L	0.013	12	2026	1736	1	Standard
⌊	Mn	55	0.009	ug/L	0.001	13	1538	1916	1	Standard
⌈>	Ge	72		ug/L			45858	47322	1	KED
|	Ni	60	0.009	ug/L	0.005	53	26	35	12	KED
|	Ni	62	-0.017	ug/L	0.051	308	22	20	39	KED
|	Cu	63	-0.001	ug/L	0.005	632	99	100	13	KED
|	Cu	65	-0.010	ug/L	0.008	79	55	43	26	KED
|	Zn	66	0.756	ug/L	0.087	11	45	293	8	KED
|	Zn	67	0.739	ug/L	0.049	6	9	50	4	KED
|	As	75	-0.002	ug/L	0.006	401	8	8	11	KED
⌊	Se	78	0.155	ug/L	0.149	95	11	14	17	KED
	Y	89		ug/L			747675	771311	1	Standard
	Kr	83		ug/L			51	46	6	Standard
⌈>	In-1	115		ug/L			14426	15021	0	KED
|	Cd	111	-0.010	ug/L	0.002	20	4	2	24	KED
⌊	Cd	114	0.007	ug/L	0.002	27	1	6	19	KED
⌈>	In	115		ug/L			767005	764345	0	Standard
|	Ag	107	-0.000	ug/L	0.001	583	59	57	23	Standard
|	Sb	121	0.015	ug/L	0.002	13	60	216	10	Standard
⌊	Sb	123	0.012	ug/L	0.002	13	57	158	8	Standard
⌈>	Tb	159		ug/L			1223964	1234010	1	Standard
⌊	Pb	208	0.000	ug/L	0.000	106	157	172	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0126-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:43:56
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22692	30947	1	Standard
	Cl	37		ug/L			7204073	7474637	1	Standard
⌈>	Sc	45		ug/L			1337862	1394424	2	Standard
|	Cr	52	24.608	ug/L	0.403	1	25827	697570	1	Standard
|	Cr	53	24.610	ug/L	0.923	3	2026	79654	2	Standard
⌊	Mn	55	24.036	ug/L	0.663	2	1538	967077	0	Standard
⌈>	Ge	72		ug/L			45858	47808	1	KED
|	Ni	60	25.435	ug/L	1.103	4	26	24303	3	KED
|	Ni	62	25.148	ug/L	0.686	2	22	3977	1	KED
|	Cu	63	26.207	ug/L	0.523	1	99	73958	3	KED
|	Cu	65	26.452	ug/L	0.160	0	55	37666	2	KED
|	Zn	66	82.174	ug/L	0.570	0	45	27155	1	KED
|	Zn	67	77.201	ug/L	0.876	1	9	4267	2	KED
|	As	75	25.172	ug/L	0.297	1	8	4485	0	KED
⌊	Se	78	83.684	ug/L	0.882	1	11	1453	1	KED
	Y	89		ug/L			747675	778670	1	Standard
	Kr	83		ug/L			51	70	21	Standard
⌈>	In-1	115		ug/L			14426	14310	3	KED
|	Cd	111	25.045	ug/L	1.655	6	4	6269	3	KED
⌊	Cd	114	25.626	ug/L	1.219	4	1	15819	1	KED
⌈>	In	115		ug/L			767005	770282	3	Standard
|	Ag	107	27.046	ug/L	0.562	2	59	457393	2	Standard
|	Sb	121	0.004	ug/L	0.001	16	60	102	10	Standard
⌊	Sb	123	0.003	ug/L	0.002	79	57	78	22	Standard
⌈>	Tb	159		ug/L			1223964	1246968	1	Standard
⌊	Pb	208	22.592	ug/L	0.408	1	157	1003550	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0075-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:48:41
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22692	36681	0	Standard
	Cl	37		ug/L			7204073	7470305	1	Standard
>	Sc	45		ug/L			1337862	1423635	2	Standard
	Cr	52	0.698	ug/L	0.039	5	25827	46878	0	Standard
	Cr	53	0.597	ug/L	0.037	6	2026	4076	0	Standard
	Mn	55	178.919	ug/L	6.004	3	1538	7338181	1	Standard
>	Ge	72		ug/L			45858	48738	1	KED
	Ni	60	0.232	ug/L	0.013	5	26	253	6	KED
	Ni	62	0.130	ug/L	0.049	37	22	44	17	KED
	Cu	63	1.700	ug/L	0.013	0	99	4990	1	KED
	Cu	65	1.681	ug/L	0.045	2	55	2494	1	KED
	Zn	66	34.136	ug/L	0.598	1	45	11527	0	KED
	Zn	67	32.099	ug/L	1.385	4	9	1814	3	KED
	As	75	1.795	ug/L	0.070	3	8	334	3	KED
	Se	78	0.021	ug/L	0.073	345	11	12	11	KED
	Y	89		ug/L			747675	777464	0	Standard
	Kr	83		ug/L			51	57	6	Standard
>	In-1	115		ug/L			14426	15254	9	KED
	Cd	111	0.079	ug/L	0.013	16	4	26	22	KED
	Cd	114	0.108	ug/L	0.020	18	1	73	23	KED
>	In	115		ug/L			767005	788571	1	Standard
	Ag	107	0.004	ug/L	0.000	5	59	129	4	Standard
	Sb	121	0.610	ug/L	0.008	1	60	6807	1	Standard
	Sb	123	0.592	ug/L	0.008	1	57	5180	1	Standard
>	Tb	159		ug/L			1223964	1286480	1	Standard
	Pb	208	0.424	ug/L	0.018	4	157	19589	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0075-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:54:50
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22692	37986	1	Standard
	Cl	37		ug/L			7204073	7662015	0	Standard
>	Sc	45		ug/L			1337862	1432639	0	Standard
	Cr	52	1.135	ug/L	0.022	1	25827	59457	1	Standard
	Cr	53	0.898	ug/L	0.012	1	2026	5078	1	Standard
	Mn	55	30.093	ug/L	0.512	1	1538	1244279	2	Standard
>	Ge	72		ug/L			45858	49164	0	KED
	Ni	60	0.404	ug/L	0.023	5	26	424	4	KED
	Ni	62	0.300	ug/L	0.042	13	22	72	9	KED
	Cu	63	2.816	ug/L	0.028	1	99	8266	1	KED
	Cu	65	2.893	ug/L	0.133	4	55	4289	4	KED
	Zn	66	40.572	ug/L	0.684	1	45	13813	2	KED
	Zn	67	39.761	ug/L	0.638	1	9	2264	1	KED
	As	75	2.368	ug/L	0.055	2	8	442	2	KED
	Se	78	0.014	ug/L	0.121	860	11	12	17	KED
	Y	89		ug/L			747675	780937	0	Standard
	Kr	83		ug/L			51	66	12	Standard
>	In-1	115		ug/L			14426	14730	1	KED
	Cd	111	0.174	ug/L	0.016	9	4	49	9	KED
	Cd	114	0.179	ug/L	0.008	4	1	115	4	KED
>	In	115		ug/L			767005	825266	3	Standard
	Ag	107	0.004	ug/L	0.001	33	59	142	20	Standard
	Sb	121	1.193	ug/L	0.055	4	60	13853	1	Standard
	Sb	123	1.179	ug/L	0.060	5	57	10729	1	Standard
>	Tb	159		ug/L			1223964	1302670	1	Standard
	Pb	208	0.694	ug/L	0.014	2	157	32353	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0075-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 15:59:36
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	39860	3	Standard
	Cl	**37**		ug/L			7204073	7593398	2	Standard
⌈>	**Sc**	**45**		ug/L			1337862	1431567	2	Standard
|	**Cr**	**52**	**3.767**	ug/L	0.139	3	25827	132988	0	Standard
|	**Cr**	**53**	**3.673**	ug/L	0.132	3	2026	14048	2	Standard
⌊	**Mn**	**55**	**108.639**	ug/L	4.977	4	1538	4480897	2	Standard
⌈>	**Ge**	**72**		ug/L			45858	48570	2	KED
|	**Ni**	**60**	**1.132**	ug/L	0.052	4	26	1125	2	KED
|	**Ni**	**62**	**1.119**	ug/L	0.110	9	22	201	5	KED
|	**Cu**	**63**	**6.045**	ug/L	0.228	3	99	17398	1	KED
|	**Cu**	**65**	**6.039**	ug/L	0.051	0	55	8780	2	KED
|	**Zn**	**66**	**70.212**	ug/L	0.749	1	45	23577	2	KED
|	**Zn**	**67**	**64.239**	ug/L	3.113	4	9	3605	1	KED
|	**As**	**75**	**1.420**	ug/L	0.094	6	8	265	4	KED
⌊	**Se**	**78**	**0.370**	ug/L	0.116	31	11	18	8	KED
	Y	**89**		ug/L			747675	799063	2	Standard
	Kr	**83**		ug/L			51	64	19	Standard
⌈>	**In-1**	**115**		ug/L			14426	14839	1	KED
|	**Cd**	**111**	**0.300**	ug/L	0.021	7	4	82	5	KED
⌊	**Cd**	**114**	**0.288**	ug/L	0.021	7	1	186	8	KED
⌈>	**In**	**115**		ug/L			767005	805002	0	Standard
|	**Ag**	**107**	**0.015**	ug/L	0.002	12	59	332	9	Standard
|	**Sb**	**121**	**0.469**	ug/L	0.009	1	60	5352	2	Standard
⌊	**Sb**	**123**	**0.476**	ug/L	0.018	3	57	4264	3	Standard
⌈>	**Tb**	**159**		ug/L			1223964	1267107	2	Standard
⌊	**Pb**	**208**	**1.545**	ug/L	0.061	3	157	69847	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0075-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 16:04:22
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	37724	1	Standard
	Cl	**37**		ug/L			7204073	7448956	1	Standard
⌈>	**Sc**	**45**		ug/L			1337862	1428010	1	Standard
|	**Cr**	**52**	**0.509**	ug/L	0.047	9	25827	41759	2	Standard
|	**Cr**	**53**	**0.229**	ug/L	0.025	10	2026	2902	2	Standard
⌊	**Mn**	**55**	**32.931**	ug/L	0.790	2	1538	1356697	1	Standard
⌈>	**Ge**	**72**		ug/L			45858	49962	2	KED
|	**Ni**	**60**	**0.237**	ug/L	0.016	6	26	264	5	KED
|	**Ni**	**62**	**0.161**	ug/L	0.083	51	22	50	27	KED
|	**Cu**	**63**	**5.411**	ug/L	0.135	2	99	16039	2	KED
|	**Cu**	**65**	**5.607**	ug/L	0.147	2	55	8391	3	KED
|	**Zn**	**66**	**48.018**	ug/L	1.908	3	45	16598	2	KED
|	**Zn**	**67**	**42.373**	ug/L	1.857	4	9	2451	2	KED
|	**As**	**75**	**2.191**	ug/L	0.091	4	8	416	2	KED
⌊	**Se**	**78**	**-0.121**	ug/L	0.078	64	11	10	14	KED
	Y	**89**		ug/L			747675	777542	1	Standard
	Kr	**83**		ug/L			51	59	4	Standard
⌈>	**In-1**	**115**		ug/L			14426	14990	4	KED
|	**Cd**	**111**	**0.063**	ug/L	0.016	25	4	21	21	KED
⌊	**Cd**	**114**	**0.064**	ug/L	0.024	37	1	43	32	KED
⌈>	**In**	**115**		ug/L			767005	831063	2	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.000	15	59	113	6	Standard
|	**Sb**	**121**	**0.736**	ug/L	0.022	2	60	8640	0	Standard
⌊	**Sb**	**123**	**0.703**	ug/L	0.012	1	57	6470	2	Standard
⌈>	**Tb**	**159**		ug/L			1223964	1296018	1	Standard
⌊	**Pb**	**208**	**39.491**	ug/L	0.821	2	157	1823236	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0075-05
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 16:09:32
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			22692	41060	1	Standard
	Cl	37		ug/L			7204073	7680037	0	Standard
>	Sc	45		ug/L			1337862	1477544	0	Standard
	Cr	52	1.075	ug/L	0.065	6	25827	59580	2	Standard
	Cr	53	0.871	ug/L	0.030	3	2026	5147	1	Standard
	Mn	55	180.698	ug/L	4.417	2	1538	7696048	2	Standard
>	Ge	72		ug/L			45858	50775	0	KED
	Ni	60	0.632	ug/L	0.013	2	26	669	2	KED
	Ni	62	0.605	ug/L	0.137	22	22	125	18	KED
	Cu	63	4.243	ug/L	0.140	3	99	12807	3	KED
	Cu	65	4.343	ug/L	0.112	2	55	6619	2	KED
	Zn	66	28.336	ug/L	0.513	1	45	9978	1	KED
	Zn	67	26.395	ug/L	1.337	5	9	1556	4	KED
	As	75	1.930	ug/L	0.020	1	8	373	1	KED
	Se	78	0.093	ug/L	0.004	4	11	14	0	KED
	Y	89		ug/L			747675	793228	2	Standard
	Kr	83		ug/L			51	63	9	Standard
>	In-1	115		ug/L			14426	14997	1	KED
	Cd	111	0.118	ug/L	0.024	20	4	35	18	KED
	Cd	114	0.128	ug/L	0.011	8	1	84	7	KED
>	In	115		ug/L			767005	815153	0	Standard
	Ag	107	0.005	ug/L	0.001	22	59	156	13	Standard
	Sb	121	0.818	ug/L	0.013	1	60	9410	1	Standard
	Sb	123	0.827	ug/L	0.014	1	57	7463	1	Standard
>	Tb	159		ug/L			1223964	1311869	3	Standard
	Pb	208	12.347	ug/L	0.362	2	157	576846	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-BLK1
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 16:19:21
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	34056	3	Standard
	Cl	**37**		ug/L			7204073	7832590	1	Standard
⌈>	**Sc**	**45**		ug/L			1337862	1425770	1	Standard
|	**Cr**	**52**	**0.018**	ug/L	0.020	110	25827	28018	0	Standard
|	**Cr**	**53**	**-0.346**	ug/L	0.010	2	2026	1045	2	Standard
⌊	**Mn**	**55**	**0.013**	ug/L	0.001	9	1538	2162	2	Standard
⌈>	**Ge**	**72**		ug/L			45858	49848	3	KED
|	**Ni**	**60**	**0.005**	ug/L	0.010	217	26	33	33	KED
|	**Ni**	**62**	**-0.071**	ug/L	0.041	57	22	12	56	KED
|	**Cu**	**63**	**-0.001**	ug/L	0.009	955	99	105	21	KED
|	**Cu**	**65**	**-0.007**	ug/L	0.006	94	55	50	19	KED
|	**Zn**	**66**	**0.499**	ug/L	0.047	9	45	220	4	KED
|	**Zn**	**67**	**0.657**	ug/L	0.129	19	9	48	17	KED
|	**As**	**75**	**-0.006**	ug/L	0.007	118	8	8	12	KED
⌊	**Se**	**78**	**-0.068**	ug/L	0.163	241	11	11	25	KED
	Y	**89**		ug/L			747675	783547	0	Standard
	Kr	**83**		ug/L			51	64	20	Standard
⌈>	**In-1**	**115**		ug/L			14426	15077	2	KED
|	**Cd**	**111**	**-0.009**	ug/L	0.002	23	4	2	21	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.006	125	1	4	78	KED
⌈>	**In**	**115**		ug/L			767005	859239	2	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.001	225	59	60	21	Standard
|	**Sb**	**121**	**0.001**	ug/L	0.001	122	60	81	23	Standard
⌊	**Sb**	**123**	**0.000**	ug/L	0.001	406	57	65	9	Standard
⌈>	**Tb**	**159**		ug/L			1223964	1326369	0	Standard
⌊	**Pb**	**208**	**0.005**	ug/L	0.000	9	157	411	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 16:24:07

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	29637	2	Standard
	Cl	**37**		ug/L			7204073	7907649	0	Standard
⌈>	**Sc**	**45**		ug/L			1337862	1430947	0	Standard
|	**Cr**	**52**	**23.600**	ug/L	0.388	1	25827	687830	1	Standard
|	**Cr**	**53**	**24.052**	ug/L	0.189	0	2026	79975	0	Standard
⌊	**Mn**	**55**	**23.688**	ug/L	0.424	1	1538	978468	1	Standard
⌈>	**Ge**	**72**		ug/L			45858	50053	2	KED
|	**Ni**	**60**	**24.380**	ug/L	0.477	1	26	24391	0	KED
|	**Ni**	**62**	**24.193**	ug/L	0.742	3	22	4006	2	KED
|	**Cu**	**63**	**24.590**	ug/L	0.645	2	99	72636	2	KED
|	**Cu**	**65**	**24.610**	ug/L	0.815	3	55	36684	3	KED
|	**Zn**	**66**	**74.604**	ug/L	0.907	1	45	25813	1	KED
|	**Zn**	**67**	**71.066**	ug/L	1.292	1	9	4112	2	KED
|	**As**	**75**	**22.791**	ug/L	0.696	3	8	4251	1	KED
⌊	**Se**	**78**	**71.598**	ug/L	0.066	0	11	1303	2	KED
	Y	**89**		ug/L			747675	782742	1	Standard
	Kr	**83**		ug/L			51	61	28	Standard
⌈>	**In-1**	**115**		ug/L			14426	14401	1	KED
|	**Cd**	**111**	**23.303**	ug/L	0.284	1	4	5879	0	KED
⌊	**Cd**	**114**	**23.624**	ug/L	0.533	2	1	14692	1	KED
⌈>	**In**	**115**		ug/L			767005	835075	2	Standard
|	**Ag**	**107**	**24.739**	ug/L	1.104	4	59	453371	1	Standard
|	**Sb**	**121**	**25.686**	ug/L	0.601	2	60	300734	1	Standard
⌊	**Sb**	**123**	**25.284**	ug/L	0.745	2	57	231753	2	Standard
⌈>	**Tb**	**159**		ug/L			1223964	1319320	1	Standard
⌊	**Pb**	**208**	**22.278**	ug/L	0.673	3	157	1047060	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 16:29:16

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	45440	2	Standard
	Cl	**37**		ug/L			7204073	7676597	3	Standard
>	**Sc**	**45**		ug/L			1337862	1546682	2	Standard
	Cr	**52**	**81.331**	ug/L	2.357	2	25827	2487819	0	Standard
	Cr	**53**	**80.211**	ug/L	1.491	1	2026	282722	1	Standard
	Mn	**55**	**346.356**	ug/L	17.112	4	1538	15427162	2	Standard
>	**Ge**	**72**		ug/L			45858	51209	3	KED
	Ni	**60**	**64.811**	ug/L	2.697	4	26	66248	0	KED
	Ni	**62**	**65.964**	ug/L	4.307	6	22	11120	2	KED
	Cu	**63**	**57.404**	ug/L	2.352	4	99	173218	1	KED
	Cu	**65**	**57.182**	ug/L	2.975	5	55	87040	1	KED
	Zn	**66**	**166.719**	ug/L	2.649	1	45	58946	2	KED
	Zn	**67**	**162.422**	ug/L	4.931	3	9	9598	0	KED
	As	**75**	**126.518**	ug/L	4.027	3	8	24093	0	KED
	Se	**78**	**120.488**	ug/L	5.674	4	11	2233	1	KED
	Y	**89**		ug/L			747675	1199853	2	Standard
	Kr	**83**		ug/L			51	149	13	Standard
>	**In-1**	**115**		ug/L			14426	14795	1	KED
	Cd	**111**	**57.706**	ug/L	1.550	2	4	14950	1	KED
	Cd	**114**	**57.399**	ug/L	1.903	3	1	36665	1	KED
>	**In**	**115**		ug/L			767005	839400	1	Standard
	Ag	**107**	**45.765**	ug/L	0.768	1	59	843677	2	Standard
	Sb	**121**	**5.765**	ug/L	0.458	7	60	67902	7	Standard
	Sb	**123**	**5.001**	ug/L	0.078	1	57	46147	2	Standard
>	**Tb**	**159**		ug/L			1223964	1344013	2	Standard
	Pb	**208**	**92.317**	ug/L	3.361	3	157	4417625	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 16:38:27
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	25683	4	Standard
	Cl	**37**		ug/L			7204073	7755450	1	Standard
⎡>	**Sc**	**45**		ug/L			1337862	1444613	0	Standard
⎢	**Cr**	**52**	**50.346**	ug/L	1.365	2	25827	1449542	1	Standard
⎢	**Cr**	**53**	**51.673**	ug/L	0.914	1	2026	170934	1	Standard
⎣	**Mn**	**55**	**52.219**	ug/L	0.590	1	1538	2175663	0	Standard
⎡>	**Ge**	**72**		ug/L			45858	50313	0	KED
⎢	**Ni**	**60**	**52.892**	ug/L	1.903	3	26	53171	3	KED
⎢	**Ni**	**62**	**52.707**	ug/L	0.813	1	22	8748	1	KED
⎢	**Cu**	**63**	**51.773**	ug/L	2.075	4	99	153631	3	KED
⎢	**Cu**	**65**	**52.991**	ug/L	0.690	1	55	79346	0	KED
⎢	**Zn**	**66**	**52.833**	ug/L	1.014	1	45	18392	1	KED
⎢	**Zn**	**67**	**52.285**	ug/L	0.203	0	9	3044	0	KED
⎢	**As**	**75**	**50.455**	ug/L	0.803	1	8	9452	1	KED
⎣	**Se**	**78**	**50.888**	ug/L	1.748	3	11	935	3	KED
	Y	**89**		ug/L			747675	797726	1	Standard
	Kr	**83**		ug/L			51	89	9	Standard
⎡>	**In-1**	**115**		ug/L			14426	14153	0	KED
⎢	**Cd**	**111**	**53.254**	ug/L	0.770	1	4	13201	1	KED
⎣	**Cd**	**114**	**51.744**	ug/L	0.463	0	1	31628	0	KED
⎡>	**In**	**115**		ug/L			767005	846469	0	Standard
⎢	**Ag**	**107**	**49.497**	ug/L	1.366	2	59	920091	2	Standard
⎢	**Sb**	**121**	**54.734**	ug/L	1.052	1	60	649701	1	Standard
⎣	**Sb**	**123**	**53.835**	ug/L	0.955	1	57	500343	2	Standard
⎡>	**Tb**	**159**		ug/L			1223964	1322165	0	Standard
⎣	**Pb**	**208**	**48.580**	ug/L	1.214	2	157	2288020	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB5
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 16:45:58
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			22692	25128	3	Standard
	Cl	**37**		ug/L			7204073	7892572	2	Standard
⌈>	**Sc**	**45**		ug/L			1337862	1410361	2	Standard
|	**Cr**	**52**	**-0.006**	ug/L	0.034	581	25827	27052	1	Standard
|	**Cr**	**53**	**-0.434**	ug/L	0.006	1	2026	752	2	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.001	66	1538	1683	0	Standard
⌈>	**Ge**	**72**		ug/L			45858	49596	1	KED
|	**Ni**	**60**	**0.004**	ug/L	0.009	239	26	31	27	KED
|	**Ni**	**62**	**-0.112**	ug/L	0.020	18	22	5	57	KED
|	**Cu**	**63**	**-0.011**	ug/L	0.008	73	99	76	31	KED
|	**Cu**	**65**	**-0.007**	ug/L	0.008	124	55	50	25	KED
|	**Zn**	**66**	**0.037**	ug/L	0.039	104	45	61	22	KED
|	**Zn**	**67**	**0.020**	ug/L	0.066	334	9	11	33	KED
|	**As**	**75**	**-0.006**	ug/L	0.005	73	8	8	11	KED
⌊	**Se**	**78**	**0.041**	ug/L	0.024	59	11	13	4	KED
	Y	**89**		ug/L			747675	762700	1	Standard
	Kr	**83**		ug/L			51	62	9	Standard
⌈>	**In-1**	**115**		ug/L			14426	14407	2	KED
|	**Cd**	**111**	**-0.014**	ug/L	0.004	31	4	1	86	KED
⌊	**Cd**	**114**	**0.005**	ug/L	0.003	68	1	4	43	KED
⌈>	**In**	**115**		ug/L			767005	851890	7	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.001	16	59	133	2	Standard
|	**Sb**	**121**	**0.049**	ug/L	0.001	3	60	653	7	Standard
⌊	**Sb**	**123**	**0.047**	ug/L	0.009	18	57	499	10	Standard
⌈>	**Tb**	**159**		ug/L			1223964	1307274	2	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	18	157	308	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 16:58:27
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				25273	3	Standard
	Cl	**37**		ug/L				7814370	0	Standard
⎡>	**Sc**	**45**		ug/L				1428225	1	Standard
⎢	**Cr**	**52**		ug/L				27362	0	Standard
⎢	**Cr**	**53**		ug/L				688	2	Standard
⎣	**Mn**	**55**		ug/L				1534	1	Standard
⎡>	**Ge**	**72**		ug/L				50195	2	KED
⎢	**Ni**	**60**		ug/L				29	24	KED
⎢	**Ni**	**62**		ug/L				8	26	KED
⎢	**Cu**	**63**		ug/L				69	12	KED
⎢	**Cu**	**65**		ug/L				37	10	KED
⎢	**Zn**	**66**		ug/L				75	22	KED
⎢	**Zn**	**67**		ug/L				12	24	KED
⎢	**As**	**75**		ug/L				7	26	KED
⎣	**Se**	**78**		ug/L				12	19	KED
	Y	**89**		ug/L				785782	2	Standard
	Kr	**83**		ug/L				66	17	Standard
⎡>	**In-1**	**115**		ug/L				14213	3	KED
⎢	**Cd**	**111**		ug/L				4	48	KED
⎣	**Cd**	**114**		ug/L				3	104	KED
⎡>	**In**	**115**		ug/L				860463	1	Standard
⎢	**Ag**	**107**		ug/L				74	11	Standard
⎢	**Sb**	**121**		ug/L				221	15	Standard
⎣	**Sb**	**123**		ug/L				183	12	Standard
⎡>	**Tb**	**159**		ug/L				1347498	1	Standard
⎣	**Pb**	**208**		ug/L				203	17	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 17:03:13
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	25435	3	Standard
	Cl	**37**		ug/L			7814370	7907465	2	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1435930	2	Standard
|	**Cr**	**52**	**49.982**	ug/L	2.939	5	27362	1429084	2	Standard
|	**Cr**	**53**	**52.335**	ug/L	0.731	1	688	170547	1	Standard
⌊	**Mn**	**55**	**52.364**	ug/L	1.508	2	1534	2167459	0	Standard
⌈>	**Ge**	**72**		ug/L			50195	50810	2	KED
|	**Ni**	**60**	**52.554**	ug/L	2.303	4	29	53329	2	KED
|	**Ni**	**62**	**53.146**	ug/L	1.003	1	8	8889	0	KED
|	**Cu**	**63**	**52.695**	ug/L	1.865	3	69	157795	1	KED
|	**Cu**	**65**	**52.983**	ug/L	0.726	1	37	80105	3	KED
|	**Zn**	**66**	**52.783**	ug/L	3.194	6	75	18570	4	KED
|	**Zn**	**67**	**53.232**	ug/L	1.085	2	12	3132	3	KED
|	**As**	**75**	**50.254**	ug/L	0.902	1	7	9503	0	KED
⌊	**Se**	**78**	**50.190**	ug/L	1.357	2	12	931	0	KED
	Y	**89**		ug/L			785782	793069	5	Standard
	Kr	**83**		ug/L			66	67	10	Standard
⌈>	**In-1**	**115**		ug/L			14213	14446	7	KED
|	**Cd**	**111**	**50.511**	ug/L	4.452	8	4	12725	1	KED
⌊	**Cd**	**114**	**50.996**	ug/L	4.072	7	3	31695	0	KED
⌈>	**In**	**115**		ug/L			860463	870437	0	Standard
|	**Ag**	**107**	**49.453**	ug/L	0.654	1	74	945350	1	Standard
|	**Sb**	**121**	**52.956**	ug/L	1.739	3	221	646498	2	Standard
⌊	**Sb**	**123**	**52.957**	ug/L	1.034	1	183	506246	2	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1313631	1	Standard
⌊	**Pb**	**208**	**49.507**	ug/L	0.852	1	203	2316635	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB6
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 17:10:44
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	25233	1	Standard
	Cl	**37**		ug/L			7814370	7927143	1	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1399035	0	Standard
|	**Cr**	**52**	**0.020**	ug/L	0.013	64	27362	27357	1	Standard
|	**Cr**	**53**	**-0.008**	ug/L	0.011	132	688	648	4	Standard
⌊	**Mn**	**55**	**-0.000**	ug/L	0.001	211	1534	1485	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	50985	1	KED
|	**Ni**	**60**	**0.010**	ug/L	0.002	23	29	40	4	KED
|	**Ni**	**62**	**0.007**	ug/L	0.022	332	8	9	40	KED
|	**Cu**	**63**	**0.001**	ug/L	0.001	133	69	73	6	KED
|	**Cu**	**65**	**0.001**	ug/L	0.005	372	37	40	17	KED
|	**Zn**	**66**	**-0.034**	ug/L	0.029	84	75	64	16	KED
|	**Zn**	**67**	**-0.036**	ug/L	0.079	220	12	10	47	KED
|	**As**	**75**	**0.005**	ug/L	0.007	138	7	8	14	KED
⌊	**Se**	**78**	**-0.160**	ug/L	0.108	67	12	9	21	KED
	Y	**89**		ug/L			785782	769187	0	Standard
	Kr	**83**		ug/L			66	61	17	Standard
⌈>	**In-1**	**115**		ug/L			14213	14460	0	KED
|	**Cd**	**111**	**0.002**	ug/L	0.013	586	4	4	69	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.002	24	3	8	12	KED
⌈>	**In**	**115**		ug/L			860463	846966	1	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	39	74	111	12	Standard
|	**Sb**	**121**	**0.037**	ug/L	0.005	14	221	657	7	Standard
⌊	**Sb**	**123**	**0.032**	ug/L	0.004	11	183	474	6	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1321934	3	Standard
⌊	**Pb**	**208**	**0.000**	ug/L	0.001	175	203	216	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0126-BLK2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 17:18:30
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	31254	1	Standard
	Cl	**37**		ug/L			7814370	8037877	1	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1437659	0	Standard
|	**Cr**	**52**	**0.068**	ug/L	0.026	37	27362	29464	2	Standard
|	**Cr**	**53**	**0.059**	ug/L	0.012	20	688	885	4	Standard
⌊	**Mn**	**55**	**0.002**	ug/L	0.002	83	1534	1626	4	Standard
⌈>	**Ge**	**72**		ug/L			50195	51664	1	KED
|	**Ni**	**60**	**0.006**	ug/L	0.009	137	29	37	25	KED
|	**Ni**	**62**	**0.010**	ug/L	0.028	286	8	10	47	KED
|	**Cu**	**63**	**0.004**	ug/L	0.001	34	69	83	4	KED
|	**Cu**	**65**	**0.007**	ug/L	0.008	106	37	49	23	KED
|	**Zn**	**66**	**0.835**	ug/L	0.035	4	75	375	2	KED
|	**Zn**	**67**	**0.887**	ug/L	0.314	35	12	65	29	KED
|	**As**	**75**	**0.001**	ug/L	0.008	572	7	7	18	KED
⌊	**Se**	**78**	**-0.096**	ug/L	0.164	171	12	11	27	KED
	Y	**89**		ug/L			785782	785950	2	Standard
	Kr	**83**		ug/L			66	55	17	Standard
⌈>	**In-1**	**115**		ug/L			14213	14238	1	KED
|	**Cd**	**111**	**-0.008**	ug/L	0.006	73	4	2	65	KED
⌊	**Cd**	**114**	**0.007**	ug/L	0.003	45	3	8	25	KED
⌈>	**In**	**115**		ug/L			860463	878471	0	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	855	74	74	10	Standard
|	**Sb**	**121**	**0.003**	ug/L	0.002	58	221	259	7	Standard
⌊	**Sb**	**123**	**0.004**	ug/L	0.003	88	183	222	13	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1346784	1	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.001	94	203	168	18	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0126-BS2
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 17:23:16
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	33314	1	Standard
	Cl	**37**		ug/L			7814370	7949468	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1425332	0	Standard
|	**Cr**	**52**	**24.503**	ug/L	0.539	2	27362	710032	1	Standard
|	**Cr**	**53**	**25.088**	ug/L	0.228	0	688	81528	0	Standard
⌊	**Mn**	**55**	**24.455**	ug/L	0.148	0	1534	1006143	1	Standard
⌈>	**Ge**	**72**		ug/L			50195	50749	3	KED
|	**Ni**	**60**	**27.445**	ug/L	1.988	7	29	27793	3	KED
|	**Ni**	**62**	**27.196**	ug/L	0.536	1	8	4547	3	KED
|	**Cu**	**63**	**28.043**	ug/L	0.502	1	69	83920	2	KED
|	**Cu**	**65**	**27.231**	ug/L	1.400	5	37	41088	2	KED
|	**Zn**	**66**	**87.837**	ug/L	4.306	4	75	30802	2	KED
|	**Zn**	**67**	**80.714**	ug/L	1.685	2	12	4736	3	KED
|	**As**	**75**	**24.994**	ug/L	0.997	3	7	4721	0	KED
⌊	**Se**	**78**	**79.984**	ug/L	2.871	3	12	1474	3	KED
	Y	**89**		ug/L			785782	771111	2	Standard
	Kr	**83**		ug/L			66	67	13	Standard
⌈>	**In-1**	**115**		ug/L			14213	14265	1	KED
|	**Cd**	**111**	**25.839**	ug/L	0.594	2	4	6457	1	KED
⌊	**Cd**	**114**	**25.947**	ug/L	0.414	1	3	15986	0	KED
⌈>	**In**	**115**		ug/L			860463	868208	0	Standard
|	**Ag**	**107**	**25.266**	ug/L	0.394	1	74	481776	0	Standard
|	**Sb**	**121**	**0.003**	ug/L	0.021	617	221	265	97	Standard
⌊	**Sb**	**123**	**0.004**	ug/L	0.022	496	183	226	91	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1341156	0	Standard
⌊	**Pb**	**208**	**24.292**	ug/L	0.553	2	203	1160738	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-BLK1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 17:29:19
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	32818	3	Standard
	Cl	37		ug/L			7814370	8023848	1	Standard
>	Sc	45		ug/L			1428225	1416186	1	Standard
	Cr	52	0.021	ug/L	0.020	93	27362	27706	0	Standard
	Cr	53	-0.021	ug/L	0.010	47	688	616	4	Standard
	Mn	55	0.014	ug/L	0.002	14	1534	2094	2	Standard
>	Ge	72		ug/L			50195	51496	2	KED
	Ni	60	0.007	ug/L	0.006	86	29	38	15	KED
	Ni	62	0.003	ug/L	0.007	286	8	8	12	KED
	Cu	63	0.014	ug/L	0.007	53	69	113	20	KED
	Cu	65	0.006	ug/L	0.004	58	37	48	11	KED
	Zn	66	0.266	ug/L	0.015	5	75	172	2	KED
	Zn	67	0.103	ug/L	0.087	84	12	18	26	KED
	As	75	0.005	ug/L	0.009	187	7	8	20	KED
	Se	78	0.004	ug/L	0.095	2159	12	12	14	KED
	Y	89		ug/L			785782	772328	0	Standard
	Kr	83		ug/L			66	52	25	Standard
>	In-1	115		ug/L			14213	14080	2	KED
	Cd	111	-0.006	ug/L	0.002	39	4	2	21	KED
	Cd	114	0.002	ug/L	0.006	314	3	4	81	KED
>	In	115		ug/L			860463	902672	3	Standard
	Ag	107	0.002	ug/L	0.001	60	74	117	19	Standard
	Sb	121	-0.009	ug/L	0.001	12	221	122	9	Standard
	Sb	123	-0.009	ug/L	0.001	8	183	99	7	Standard
>	Tb	159		ug/L			1347498	1356115	1	Standard
	Pb	208	0.004	ug/L	0.001	13	203	394	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-BS1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 17:34:04
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	28437	1	Standard
	Cl	37		ug/L			7814370	8070169	0	Standard
>	Sc	45		ug/L			1428225	1439126	2	Standard
	Cr	52	23.471	ug/L	0.574	2	27362	687662	0	Standard
	Cr	53	24.404	ug/L	0.868	3	688	80046	1	Standard
	Mn	55	23.314	ug/L	0.390	1	1534	968276	0	Standard
>	Ge	72		ug/L			50195	50181	3	KED
	Ni	60	25.337	ug/L	0.748	2	29	25402	1	KED
	Ni	62	25.916	ug/L	0.146	0	8	4286	3	KED
	Cu	63	25.426	ug/L	0.360	1	69	75242	2	KED
	Cu	65	25.449	ug/L	0.372	1	37	38000	2	KED
	Zn	66	76.806	ug/L	2.881	3	75	26654	2	KED
	Zn	67	73.161	ug/L	1.367	1	12	4245	2	KED
	As	75	22.920	ug/L	0.781	3	7	4282	1	KED
	Se	78	70.432	ug/L	3.741	5	12	1284	1	KED
	Y	89		ug/L			785782	770099	2	Standard
	Kr	83		ug/L			66	49	25	Standard
>	In-1	115		ug/L			14213	14055	2	KED
	Cd	111	23.541	ug/L	0.468	1	4	5795	0	KED
	Cd	114	23.675	ug/L	0.466	1	3	14369	1	KED
>	In	115		ug/L			860463	873243	1	Standard
	Ag	107	23.428	ug/L	0.500	2	74	449254	1	Standard
	Sb	121	25.616	ug/L	0.555	2	221	313826	1	Standard
	Sb	123	25.351	ug/L	0.734	2	183	243161	1	Standard
>	Tb	159		ug/L			1347498	1344561	0	Standard
	Pb	208	23.514	ug/L	0.352	1	203	1126434	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-14RE2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 17:40:44
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	45698	1	Standard
	Cl	37		ug/L			7814370	7735461	1	Standard
>	Sc	45		ug/L			1428225	1701451	2	Standard
	Cr	52	15.747	ug/L	0.515	3	27362	556112	0	Standard
	Cr	53	15.886	ug/L	0.531	3	688	61896	1	Standard
	Mn	55	333.655	ug/L	12.849	3	1534	16353937	1	Standard
>	Ge	72		ug/L			50195	51366	1	KED
	Ni	60	15.605	ug/L	0.149	0	29	16036	1	KED
	Ni	62	15.418	ug/L	0.428	2	8	2614	3	KED
	Cu	63	22.171	ug/L	0.198	0	69	67188	1	KED
	Cu	65	22.452	ug/L	0.643	2	37	34335	3	KED
	Zn	66	60.916	ug/L	1.101	1	75	21673	3	KED
	Zn	67	62.799	ug/L	1.435	2	12	3733	2	KED
	As	75	2.676	ug/L	0.066	2	7	519	3	KED
	Se	78	1.302	ug/L	0.226	17	12	36	10	KED
	Y	89		ug/L			785782	1257420	1	Standard
	Kr	83		ug/L			66	212	2	Standard
>	In-1	115		ug/L			14213	13926	1	KED
	Cd	111	0.120	ug/L	0.022	18	4	33	15	KED
	Cd	114	0.149	ug/L	0.018	12	3	93	11	KED
>	In	115		ug/L			860463	904156	2	Standard
	Ag	107	0.119	ug/L	0.005	4	74	2436	5	Standard
	Sb	121	0.013	ug/L	0.004	27	221	399	13	Standard
	Sb	123	0.012	ug/L	0.002	14	183	313	7	Standard
>	Tb	159		ug/L			1347498	1386839	3	Standard
	Pb	208	6.942	ug/L	0.238	3	203	342883	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-15RE2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 17:45:54
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	47544	0	Standard
	Cl	37		ug/L			7814370	7823275	1	Standard
>	Sc	45		ug/L			1428225	1732360	1	Standard
	Cr	52	15.817	ug/L	0.385	2	27362	568786	1	Standard
	Cr	53	16.443	ug/L	0.537	3	688	65215	2	Standard
	Mn	55	371.797	ug/L	5.608	1	1534	18563752	1	Standard
>	Ge	72		ug/L			50195	51038	2	KED
	Ni	60	16.924	ug/L	0.628	3	29	17272	2	KED
	Ni	62	16.770	ug/L	0.317	1	8	2823	0	KED
	Cu	63	23.640	ug/L	0.307	1	69	71182	2	KED
	Cu	65	24.393	ug/L	0.380	1	37	37070	3	KED
	Zn	66	60.749	ug/L	1.586	2	75	21466	1	KED
	Zn	67	62.306	ug/L	2.688	4	12	3678	3	KED
	As	75	2.528	ug/L	0.076	2	7	487	1	KED
	Se	78	1.464	ug/L	0.240	16	12	39	12	KED
	Y	89		ug/L			785782	1275155	1	Standard
	Kr	83		ug/L			66	219	14	Standard
>	In-1	115		ug/L			14213	14424	5	KED
	Cd	111	0.100	ug/L	0.004	4	4	29	3	KED
	Cd	114	0.110	ug/L	0.015	13	3	72	11	KED
>	In	115		ug/L			860463	904607	4	Standard
	Ag	107	0.172	ug/L	0.019	11	74	3479	6	Standard
	Sb	121	-0.007	ug/L	0.001	19	221	145	7	Standard
	Sb	123	-0.010	ug/L	0.001	13	183	97	11	Standard
>	Tb	159		ug/L			1347498	1368309	1	Standard
	Pb	208	8.805	ug/L	0.049	0	203	429381	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-16RE2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 17:51:03
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	50641	1	Standard
	Cl	37		ug/L			7814370	7982991	3	Standard
>	Sc	45		ug/L			1428225	1785771	1	Standard
	Cr	52	18.619	ug/L	0.641	3	27362	684059	2	Standard
	Cr	53	19.249	ug/L	0.465	2	688	78561	1	Standard
	Mn	55	445.381	ug/L	13.870	3	1534	22918714	1	Standard
>	Ge	72		ug/L			50195	51813	3	KED
	Ni	60	19.880	ug/L	0.342	1	29	20593	1	KED
	Ni	62	20.259	ug/L	1.596	7	8	3455	4	KED
	Cu	63	28.748	ug/L	1.144	3	69	87790	1	KED
	Cu	65	29.078	ug/L	0.866	2	37	44818	1	KED
	Zn	66	71.912	ug/L	3.582	4	75	25763	2	KED
	Zn	67	73.880	ug/L	2.384	3	12	4425	2	KED
	As	75	2.954	ug/L	0.111	3	7	576	1	KED
	Se	78	1.544	ug/L	0.150	9	12	41	7	KED
	Y	89		ug/L			785782	1358764	1	Standard
	Kr	83		ug/L			66	273	2	Standard
>	In-1	115		ug/L			14213	14328	6	KED
	Cd	111	0.100	ug/L	0.011	11	4	29	8	KED
	Cd	114	0.136	ug/L	0.023	16	3	86	10	KED
>	In	115		ug/L			860463	887930	4	Standard
	Ag	107	0.190	ug/L	0.012	6	74	3781	4	Standard
	Sb	121	-0.008	ug/L	0.002	20	221	128	15	Standard
	Sb	123	-0.009	ug/L	0.000	5	183	98	8	Standard
>	Tb	159		ug/L			1347498	1359144	1	Standard
	Pb	208	14.393	ug/L	0.330	2	203	696924	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-17RE2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 17:56:13
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	47153	2	Standard
	Cl	37		ug/L			7814370	7894526	1	Standard
>	Sc	45		ug/L			1428225	1689852	0	Standard
	Cr	52	16.679	ug/L	0.365	2	27362	583351	1	Standard
	Cr	53	17.422	ug/L	0.372	2	688	67368	1	Standard
	Mn	55	353.210	ug/L	7.271	2	1534	17204827	2	Standard
>	Ge	72		ug/L			50195	52175	3	KED
	Ni	60	17.688	ug/L	0.949	5	29	18439	2	KED
	Ni	62	17.995	ug/L	1.109	6	8	3093	3	KED
	Cu	63	23.146	ug/L	0.835	3	69	71189	0	KED
	Cu	65	23.766	ug/L	1.428	6	37	36874	4	KED
	Zn	66	56.721	ug/L	2.671	4	75	20481	2	KED
	Zn	67	58.846	ug/L	5.440	9	12	3546	5	KED
	As	75	2.461	ug/L	0.219	8	7	484	5	KED
	Se	78	1.366	ug/L	0.369	27	12	38	15	KED
	Y	89		ug/L			785782	1259107	2	Standard
	Kr	83		ug/L			66	199	11	Standard
>	In-1	115		ug/L			14213	14633	0	KED
	Cd	111	0.089	ug/L	0.012	13	4	26	11	KED
	Cd	114	0.093	ug/L	0.010	10	3	62	9	KED
>	In	115		ug/L			860463	884673	2	Standard
	Ag	107	0.141	ug/L	0.008	5	74	2812	3	Standard
	Sb	121	-0.008	ug/L	0.000	3	221	123	3	Standard
	Sb	123	-0.011	ug/L	0.001	6	183	85	9	Standard
>	Tb	159		ug/L			1347498	1341050	1	Standard
	Pb	208	7.844	ug/L	0.281	3	203	374834	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-SRM1
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 18:01:23
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	45472	1	Standard
	Cl	**37**		ug/L			7814370	7925260	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1538680	1	Standard
|	**Cr**	**52**	**82.072**	ug/L	1.316	1	27362	2498003	0	Standard
|	**Cr**	**53**	**80.719**	ug/L	1.637	2	688	281488	0	Standard
⌊	**Mn**	**55**	**348.167**	ug/L	10.208	2	1534	15438478	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	52219	1	KED
|	**Ni**	**60**	**67.188**	ug/L	0.816	1	29	70092	0	KED
|	**Ni**	**62**	**67.394**	ug/L	1.475	2	8	11585	2	KED
|	**Cu**	**63**	**58.302**	ug/L	1.018	1	69	179527	2	KED
|	**Cu**	**65**	**58.261**	ug/L	1.145	1	37	90502	1	KED
|	**Zn**	**66**	**172.559**	ug/L	4.352	2	75	62249	1	KED
|	**Zn**	**67**	**160.492**	ug/L	2.111	1	12	9680	2	KED
|	**As**	**75**	**127.156**	ug/L	1.937	1	7	24707	1	KED
⌊	**Se**	**78**	**118.157**	ug/L	1.047	0	12	2236	0	KED
	Y	**89**		ug/L			785782	1179123	1	Standard
	Kr	**83**		ug/L			66	122	6	Standard
⌈>	**In-1**	**115**		ug/L			14213	14235	0	KED
|	**Cd**	**111**	**59.687**	ug/L	2.287	3	4	14877	2	KED
⌊	**Cd**	**114**	**58.522**	ug/L	1.286	2	3	35977	1	KED
⌈>	**In**	**115**		ug/L			860463	891630	1	Standard
|	**Ag**	**107**	**41.780**	ug/L	1.741	4	74	817767	2	Standard
|	**Sb**	**121**	**4.963**	ug/L	0.326	6	221	62252	6	Standard
⌊	**Sb**	**123**	**4.663**	ug/L	0.105	2	183	45832	2	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1359199	1	Standard
⌊	**Pb**	**208**	**96.860**	ug/L	2.842	2	203	4688158	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 18:10:34
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	26909	2	Standard
	Cl	**37**		ug/L			7814370	7756398	0	Standard
⎡>	**Sc**	**45**		ug/L			1428225	1434695	2	Standard
⎢	**Cr**	**52**	**-0.037**	ug/L	0.020	53	27362	26431	1	Standard
⎢	**Cr**	**53**	**-0.068**	ug/L	0.006	8	688	473	4	Standard
⎣	**Mn**	**55**	**0.001**	ug/L	0.003	212	1534	1588	4	Standard
⎡>	**Ge**	**72**		ug/L			50195	51230	1	KED
⎢	**Ni**	**60**	**0.004**	ug/L	0.011	283	29	34	30	KED
⎢	**Ni**	**62**	**-0.004**	ug/L	0.034	763	8	7	75	KED
⎢	**Cu**	**63**	**-0.001**	ug/L	0.006	454	69	67	24	KED
⎢	**Cu**	**65**	**0.000**	ug/L	0.006	1565	37	38	22	KED
⎢	**Zn**	**66**	**-0.044**	ug/L	0.023	52	75	61	15	KED
⎢	**Zn**	**67**	**-0.058**	ug/L	0.068	118	12	8	44	KED
⎢	**As**	**75**	**0.025**	ug/L	0.040	157	7	12	60	KED
⎣	**Se**	**78**	**-0.195**	ug/L	0.097	49	12	9	19	KED
	Y	**89**		ug/L			785782	761373	1	Standard
	Kr	**83**		ug/L			66	71	23	Standard
⎡>	**In-1**	**115**		ug/L			14213	13941	3	KED
⎢	**Cd**	**111**	**0.001**	ug/L	0.009	1573	4	4	48	KED
⎣	**Cd**	**114**	**0.005**	ug/L	0.004	75	3	6	32	KED
⎡>	**In**	**115**		ug/L			860463	867138	0	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.001	461	74	77	15	Standard
⎢	**Sb**	**121**	**-0.013**	ug/L	0.001	10	221	71	22	Standard
⎣	**Sb**	**123**	**-0.014**	ug/L	0.001	4	183	47	14	Standard
⎡>	**Tb**	**159**		ug/L			1347498	1344487	1	Standard
⎣	**Pb**	**208**	**0.002**	ug/L	0.000	4	203	309	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 18:18:04
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	26119	1	Standard
	Cl	**37**		ug/L			7814370	7749094	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1460158	2	Standard
|	**Cr**	**52**	**49.508**	ug/L	1.164	2	27362	1440814	1	Standard
|	**Cr**	**53**	**50.879**	ug/L	1.288	2	688	168613	1	Standard
⌊	**Mn**	**55**	**49.049**	ug/L	3.180	6	1534	2064636	5	Standard
⌈>	**Ge**	**72**		ug/L			50195	51112	2	KED
|	**Ni**	**60**	**54.408**	ug/L	2.557	4	29	55542	3	KED
|	**Ni**	**62**	**55.684**	ug/L	0.271	0	8	9370	1	KED
|	**Cu**	**63**	**52.829**	ug/L	0.681	1	69	159202	1	KED
|	**Cu**	**65**	**53.520**	ug/L	0.911	1	37	81369	0	KED
|	**Zn**	**66**	**52.887**	ug/L	1.499	2	75	18725	1	KED
|	**Zn**	**67**	**52.147**	ug/L	1.768	3	12	3085	1	KED
|	**As**	**75**	**50.288**	ug/L	0.995	1	7	9566	0	KED
⌊	**Se**	**78**	**49.785**	ug/L	0.168	0	12	929	1	KED
	Y	**89**		ug/L			785782	778891	1	Standard
	Kr	**83**		ug/L			66	80	15	Standard
⌈>	**In-1**	**115**		ug/L			14213	14283	1	KED
|	**Cd**	**111**	**49.727**	ug/L	1.658	3	4	12436	2	KED
⌊	**Cd**	**114**	**49.925**	ug/L	1.869	3	3	30789	2	KED
⌈>	**In**	**115**		ug/L			860463	874562	1	Standard
|	**Ag**	**107**	**48.655**	ug/L	1.910	3	74	934191	2	Standard
|	**Sb**	**121**	**54.966**	ug/L	1.365	2	221	674141	1	Standard
⌊	**Sb**	**123**	**54.143**	ug/L	2.072	3	183	519847	2	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1363365	1	Standard
⌊	**Pb**	**208**	**49.498**	ug/L	1.541	3	203	2403380	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB7
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 18:25:34
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	25363	2	Standard
	Cl	**37**		ug/L			7814370	7858327	1	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1436646	3	Standard
|	**Cr**	**52**	**-0.018**	ug/L	0.027	150	27362	27003	0	Standard
|	**Cr**	**53**	**-0.075**	ug/L	0.013	17	688	449	8	Standard
⌊	**Mn**	**55**	**0.007**	ug/L	0.003	43	1534	1824	4	Standard
⌈>	**Ge**	**72**		ug/L			50195	50436	1	KED
|	**Ni**	**60**	**0.005**	ug/L	0.008	154	29	35	25	KED
|	**Ni**	**62**	**0.026**	ug/L	0.017	62	8	12	22	KED
|	**Cu**	**63**	**-0.000**	ug/L	0.007	2293	69	69	27	KED
|	**Cu**	**65**	**0.005**	ug/L	0.002	50	37	44	8	KED
|	**Zn**	**66**	**-0.065**	ug/L	0.043	66	75	53	26	KED
|	**Zn**	**67**	**-0.110**	ug/L	0.001	1	12	5	0	KED
|	**As**	**75**	**0.017**	ug/L	0.008	47	7	10	12	KED
⌊	**Se**	**78**	**-0.038**	ug/L	0.130	340	12	11	18	KED
	Y	**89**		ug/L			785782	756919	0	Standard
	Kr	**83**		ug/L			66	55	9	Standard
⌈>	**In-1**	**115**		ug/L			14213	13772	1	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.007	774	4	3	43	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.008	248	3	5	87	KED
⌈>	**In**	**115**		ug/L			860463	907610	3	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	28	74	110	5	Standard
|	**Sb**	**121**	**0.034**	ug/L	0.003	7	221	667	2	Standard
⌊	**Sb**	**123**	**0.032**	ug/L	0.003	10	183	513	3	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1343100	1	Standard
⌊	**Pb**	**208**	**-0.000**	ug/L	0.001	353	203	196	11	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-18RE2
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 18:33:05
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	43313	3	Standard
	Cl	**37**		ug/L			7814370	7830042	2	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1688199	2	Standard
|	**Cr**	**52**	**15.396**	ug/L	0.570	3	27362	540221	2	Standard
|	**Cr**	**53**	**16.077**	ug/L	0.770	4	688	62131	2	Standard
⌊	**Mn**	**55**	**277.197**	ug/L	9.969	3	1534	13484667	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	52319	0	KED
|	**Ni**	**60**	**16.612**	ug/L	0.330	1	29	17388	2	KED
|	**Ni**	**62**	**16.196**	ug/L	0.501	3	8	2795	2	KED
|	**Cu**	**63**	**21.713**	ug/L	0.360	1	69	67025	1	KED
|	**Cu**	**65**	**22.122**	ug/L	0.495	2	37	34459	2	KED
|	**Zn**	**66**	**71.757**	ug/L	0.558	0	75	25986	1	KED
|	**Zn**	**67**	**70.048**	ug/L	0.930	1	12	4239	1	KED
|	**As**	**75**	**2.207**	ug/L	0.088	4	7	437	4	KED
⌊	**Se**	**78**	**1.272**	ug/L	0.199	15	12	37	9	KED
	Y	**89**		ug/L			785782	1202681	1	Standard
	Kr	**83**		ug/L			66	184	13	Standard
⌈>	**In-1**	**115**		ug/L			14213	13948	1	KED
|	**Cd**	**111**	**0.124**	ug/L	0.015	12	4	34	9	KED
⌊	**Cd**	**114**	**0.108**	ug/L	0.025	22	3	68	21	KED
⌈>	**In**	**115**		ug/L			860463	886835	0	Standard
|	**Ag**	**107**	**0.158**	ug/L	0.001	0	74	3158	1	Standard
|	**Sb**	**121**	**0.007**	ug/L	0.001	15	221	317	3	Standard
⌊	**Sb**	**123**	**0.004**	ug/L	0.002	52	183	229	9	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1373042	0	Standard
⌊	**Pb**	**208**	**14.128**	ug/L	0.422	2	203	691121	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-19RE2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 18:38:15

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	49630	3	Standard
	Cl	**37**		ug/L			7814370	7844199	2	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1742397	1	Standard
|	**Cr**	**52**	**15.647**	ug/L	0.153	0	27362	566375	1	Standard
|	**Cr**	**53**	**15.746**	ug/L	0.314	1	688	62855	0	Standard
⌊	**Mn**	**55**	**335.200**	ug/L	7.783	2	1534	16833224	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	52190	0	KED
|	**Ni**	**60**	**16.344**	ug/L	0.120	0	29	17064	0	KED
|	**Ni**	**62**	**16.777**	ug/L	1.096	6	8	2888	6	KED
|	**Cu**	**63**	**23.416**	ug/L	0.172	0	69	72099	0	KED
|	**Cu**	**65**	**23.214**	ug/L	0.153	0	37	36068	1	KED
|	**Zn**	**66**	**59.967**	ug/L	0.849	1	75	21676	2	KED
|	**Zn**	**67**	**62.170**	ug/L	1.474	2	12	3754	1	KED
|	**As**	**75**	**2.772**	ug/L	0.101	3	7	545	3	KED
⌊	**Se**	**78**	**1.353**	ug/L	0.218	16	12	38	9	KED
	Y	**89**		ug/L			785782	1271595	2	Standard
	Kr	**83**		ug/L			66	211	11	Standard
⌈>	**In-1**	**115**		ug/L			14213	13927	5	KED
|	**Cd**	**111**	**0.149**	ug/L	0.040	27	4	40	18	KED
⌊	**Cd**	**114**	**0.148**	ug/L	0.029	19	3	91	15	KED
⌈>	**In**	**115**		ug/L			860463	904014	2	Standard
|	**Ag**	**107**	**0.124**	ug/L	0.005	3	74	2534	1	Standard
|	**Sb**	**121**	**-0.005**	ug/L	0.002	47	221	172	14	Standard
⌊	**Sb**	**123**	**-0.005**	ug/L	0.002	40	183	146	11	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1396823	0	Standard
⌊	**Pb**	**208**	**6.680**	ug/L	0.171	2	203	332555	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-40RE2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 18:43:24

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	47459	1	Standard
	Cl	**37**		ug/L			7814370	7807221	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1709172	1	Standard
|	**Cr**	**52**	**17.091**	ug/L	0.168	0	27362	603798	1	Standard
|	**Cr**	**53**	**17.602**	ug/L	0.412	2	688	68843	2	Standard
⌊	**Mn**	**55**	**414.589**	ug/L	1.026	0	1534	20424503	1	Standard
⌈>	**Ge**	**72**		ug/L			50195	51501	1	KED
|	**Ni**	**60**	**18.649**	ug/L	0.812	4	29	19208	3	KED
|	**Ni**	**62**	**18.470**	ug/L	0.888	4	8	3137	4	KED
|	**Cu**	**63**	**24.923**	ug/L	0.114	0	69	75722	1	KED
|	**Cu**	**65**	**25.640**	ug/L	0.548	2	37	39309	2	KED
|	**Zn**	**66**	**62.290**	ug/L	1.458	2	75	22213	2	KED
|	**Zn**	**67**	**64.650**	ug/L	1.628	2	12	3853	3	KED
|	**As**	**75**	**2.701**	ug/L	0.052	1	7	525	2	KED
⌊	**Se**	**78**	**1.492**	ug/L	0.524	35	12	40	23	KED
	Y	**89**		ug/L			785782	1321970	2	Standard
	Kr	**83**		ug/L			66	233	5	Standard
⌈>	**In-1**	**115**		ug/L			14213	14326	3	KED
|	**Cd**	**111**	**0.092**	ug/L	0.022	23	4	27	19	KED
⌊	**Cd**	**114**	**0.108**	ug/L	0.021	19	3	70	22	KED
⌈>	**In**	**115**		ug/L			860463	872690	3	Standard
|	**Ag**	**107**	**0.139**	ug/L	0.005	3	74	2735	1	Standard
|	**Sb**	**121**	**-0.008**	ug/L	0.000	4	221	123	0	Standard
⌊	**Sb**	**123**	**-0.008**	ug/L	0.001	10	183	105	6	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1326157	2	Standard
⌊	**Pb**	**208**	**7.864**	ug/L	0.215	2	203	371508	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-41RE2
Sample Dil Factor: 20
Comments:
Sample Date/Time: Monday, March 09, 2020 18:48:34

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	57388	3	Standard
	Cl	**37**		ug/L			7814370	7771263	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1700105	0	Standard
|	**Cr**	**52**	**14.930**	ug/L	0.083	0	27362	528759	0	Standard
|	**Cr**	**53**	**15.295**	ug/L	0.175	1	688	59611	2	Standard
⌊	**Mn**	**55**	**382.023**	ug/L	3.298	0	1534	18719218	0	Standard
⌈>	**Ge**	**72**		ug/L			50195	51978	2	KED
|	**Ni**	**60**	**14.568**	ug/L	0.398	2	29	15147	1	KED
|	**Ni**	**62**	**14.678**	ug/L	0.372	2	8	2518	3	KED
|	**Cu**	**63**	**22.314**	ug/L	0.751	3	69	68404	1	KED
|	**Cu**	**65**	**21.966**	ug/L	0.162	0	37	33990	1	KED
|	**Zn**	**66**	**56.518**	ug/L	2.042	3	75	20345	3	KED
|	**Zn**	**67**	**57.101**	ug/L	1.364	2	12	3435	2	KED
|	**As**	**75**	**2.600**	ug/L	0.115	4	7	510	3	KED
⌊	**Se**	**78**	**1.322**	ug/L	0.209	15	12	37	12	KED
	Y	**89**		ug/L			785782	1245547	1	Standard
	Kr	**83**		ug/L			66	200	8	Standard
⌈>	**In-1**	**115**		ug/L			14213	13790	0	KED
|	**Cd**	**111**	**0.137**	ug/L	0.027	19	4	37	16	KED
⌊	**Cd**	**114**	**0.153**	ug/L	0.021	13	3	94	12	KED
⌈>	**In**	**115**		ug/L			860463	868387	2	Standard
|	**Ag**	**107**	**0.097**	ug/L	0.002	2	74	1929	4	Standard
|	**Sb**	**121**	**-0.006**	ug/L	0.000	7	221	146	2	Standard
⌊	**Sb**	**123**	**-0.007**	ug/L	0.001	14	183	116	10	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1379716	2	Standard
⌊	**Pb**	**208**	**6.166**	ug/L	0.100	1	203	303241	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-42RE2
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 18:55:07
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	59954	0	Standard
	Cl	**37**		ug/L			7814370	7990084	1	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1708170	2	Standard
|	**Cr**	**52**	**17.342**	ug/L	0.571	3	27362	611523	0	Standard
|	**Cr**	**53**	**18.037**	ug/L	0.699	3	688	70431	1	Standard
⌊	**Mn**	**55**	**507.851**	ug/L	18.671	3	1534	24987833	1	Standard
⌈>	**Ge**	**72**		ug/L			50195	51196	0	KED
|	**Ni**	**60**	**17.648**	ug/L	0.297	1	29	18074	1	KED
|	**Ni**	**62**	**17.321**	ug/L	0.493	2	8	2925	2	KED
|	**Cu**	**63**	**27.273**	ug/L	0.117	0	69	82366	0	KED
|	**Cu**	**65**	**27.580**	ug/L	0.151	0	37	42028	0	KED
|	**Zn**	**66**	**65.044**	ug/L	0.987	1	75	23056	1	KED
|	**Zn**	**67**	**69.586**	ug/L	1.255	1	12	4121	2	KED
|	**As**	**75**	**2.967**	ug/L	0.056	1	7	572	1	KED
⌊	**Se**	**78**	**1.559**	ug/L	0.158	10	12	41	7	KED
	Y	**89**		ug/L			785782	1342643	1	Standard
	Kr	**83**		ug/L			66	224	4	Standard
⌈>	**In-1**	**115**		ug/L			14213	13775	5	KED
|	**Cd**	**111**	**0.141**	ug/L	0.014	9	4	38	13	KED
⌊	**Cd**	**114**	**0.152**	ug/L	0.013	8	3	93	9	KED
⌈>	**In**	**115**		ug/L			860463	874153	3	Standard
|	**Ag**	**107**	**0.121**	ug/L	0.012	9	74	2396	8	Standard
|	**Sb**	**121**	**-0.007**	ug/L	0.003	44	221	139	29	Standard
⌊	**Sb**	**123**	**-0.009**	ug/L	0.001	9	183	101	10	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1352742	3	Standard
⌊	**Pb**	**208**	**7.027**	ug/L	0.270	3	203	338535	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 19L0102-13RE2
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 19:00:17
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	51607	1	Standard
	Cl	**37**		ug/L			7814370	7843038	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1696424	1	Standard
|	**Cr**	**52**	**15.116**	ug/L	0.348	2	27362	533701	0	Standard
|	**Cr**	**53**	**15.639**	ug/L	0.270	1	688	60787	0	Standard
⌊	**Mn**	**55**	**420.036**	ug/L	15.317	3	1534	20531016	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	50913	0	KED
|	**Ni**	**60**	**15.641**	ug/L	0.203	1	29	15933	1	KED
|	**Ni**	**62**	**15.778**	ug/L	0.471	2	8	2651	3	KED
|	**Cu**	**63**	**23.437**	ug/L	0.482	2	69	70401	2	KED
|	**Cu**	**65**	**23.310**	ug/L	0.441	1	37	35331	2	KED
|	**Zn**	**66**	**56.535**	ug/L	1.239	2	75	19939	2	KED
|	**Zn**	**67**	**57.077**	ug/L	0.682	1	12	3364	1	KED
|	**As**	**75**	**2.636**	ug/L	0.053	2	7	506	2	KED
⌊	**Se**	**78**	**1.668**	ug/L	0.264	15	12	43	11	KED
	Y	**89**		ug/L			785782	1251151	5	Standard
	Kr	**83**		ug/L			66	221	6	Standard
⌈>	**In-1**	**115**		ug/L			14213	14132	0	KED
|	**Cd**	**111**	**0.126**	ug/L	0.018	14	4	35	12	KED
⌊	**Cd**	**114**	**0.134**	ug/L	0.007	5	3	85	4	KED
⌈>	**In**	**115**		ug/L			860463	869090	4	Standard
|	**Ag**	**107**	**0.093**	ug/L	0.004	4	74	1850	2	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.001	7	221	104	6	Standard
⌊	**Sb**	**123**	**-0.011**	ug/L	0.002	19	183	80	22	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1340468	3	Standard
⌊	**Pb**	**208**	**6.023**	ug/L	0.243	4	203	287586	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-DUP1
Sample Dil Factor: 20
Comments: DEL
Sample Date/Time: Monday, March 09, 2020 19:05:27
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	50933	2	Standard
	Cl	**37**		ug/L			7814370	7958812	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1726397	1	Standard
|	**Cr**	**52**	**16.424**	ug/L	0.469	2	27362	587324	2	Standard
|	**Cr**	**53**	**16.818**	ug/L	0.455	2	688	66467	2	Standard
⌊	**Mn**	**55**	**464.847**	ug/L	8.708	1	1534	23127111	0	Standard
⌈>	**Ge**	**72**		ug/L			50195	51796	0	KED
|	**Ni**	**60**	**15.904**	ug/L	0.532	3	29	16481	3	KED
|	**Ni**	**62**	**16.234**	ug/L	0.405	2	8	2774	1	KED
|	**Cu**	**63**	**24.313**	ug/L	0.180	0	69	74294	1	KED
|	**Cu**	**65**	**24.177**	ug/L	0.546	2	37	37274	1	KED
|	**Zn**	**66**	**59.342**	ug/L	2.034	3	75	21284	2	KED
|	**Zn**	**67**	**61.249**	ug/L	1.283	2	12	3672	2	KED
|	**As**	**75**	**2.832**	ug/L	0.106	3	7	553	2	KED
⌊	**Se**	**78**	**1.512**	ug/L	0.036	2	12	41	0	KED
	Y	**89**		ug/L			785782	1338405	1	Standard
	Kr	**83**		ug/L			66	201	16	Standard
⌈>	**In-1**	**115**		ug/L			14213	14484	3	KED
|	**Cd**	**111**	**0.130**	ug/L	0.004	3	4	37	6	KED
⌊	**Cd**	**114**	**0.122**	ug/L	0.011	9	3	80	7	KED
⌈>	**In**	**115**		ug/L			860463	891024	1	Standard
|	**Ag**	**107**	**0.100**	ug/L	0.008	7	74	2038	8	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.000	2	221	108	3	Standard
⌊	**Sb**	**123**	**-0.009**	ug/L	0.001	14	183	97	13	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1343270	2	Standard
⌊	**Pb**	**208**	**6.662**	ug/L	0.141	2	203	318919	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-MS1
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 19:11:36
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	45297	1	Standard
	Cl	**37**		ug/L			7814370	7986984	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1771743	1	Standard
|	**Cr**	**52**	**36.516**	ug/L	0.985	2	27362	1298336	1	Standard
|	**Cr**	**53**	**37.519**	ug/L	0.899	2	688	151087	0	Standard
⌊	**Mn**	**55**	**474.001**	ug/L	16.499	3	1534	24195090	1	Standard
⌈>	**Ge**	**72**		ug/L			50195	51350	1	KED
|	**Ni**	**60**	**42.783**	ug/L	1.321	3	29	43889	1	KED
|	**Ni**	**62**	**43.050**	ug/L	1.446	3	8	7277	1	KED
|	**Cu**	**63**	**49.718**	ug/L	0.887	1	69	150511	0	KED
|	**Cu**	**65**	**50.497**	ug/L	1.491	2	37	77119	0	KED
|	**Zn**	**66**	**135.770**	ug/L	4.501	3	75	48171	2	KED
|	**Zn**	**67**	**133.908**	ug/L	3.937	2	12	7941	1	KED
|	**As**	**75**	**23.615**	ug/L	0.711	3	7	4516	1	KED
⌊	**Se**	**78**	**66.881**	ug/L	1.594	2	12	1250	0	KED
	Y	**89**		ug/L			785782	1315732	3	Standard
	Kr	**83**		ug/L			66	236	15	Standard
⌈>	**In-1**	**115**		ug/L			14213	14129	3	KED
|	**Cd**	**111**	**23.878**	ug/L	1.132	4	4	5903	0	KED
⌊	**Cd**	**114**	**23.805**	ug/L	1.536	6	3	14504	2	KED
⌈>	**In**	**115**		ug/L			860463	887259	0	Standard
|	**Ag**	**107**	**22.005**	ug/L	0.174	0	74	428845	1	Standard
|	**Sb**	**121**	**0.314**	ug/L	0.014	4	221	4137	4	Standard
⌊	**Sb**	**123**	**0.324**	ug/L	0.005	1	183	3349	1	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1359156	2	Standard
⌊	**Pb**	**208**	**31.529**	ug/L	0.784	2	203	1526201	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-MSD1
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 19:19:06
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	42654	1	Standard
	Cl	**37**		ug/L			7814370	8082131	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1707097	2	Standard
|	**Cr**	**52**	**35.718**	ug/L	1.043	2	27362	1224328	1	Standard
|	**Cr**	**53**	**37.818**	ug/L	1.092	2	688	146729	1	Standard
⌊	**Mn**	**55**	**461.561**	ug/L	17.238	3	1534	22701843	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	50048	2	KED
|	**Ni**	**60**	**42.799**	ug/L	0.921	2	29	42800	2	KED
|	**Ni**	**62**	**42.190**	ug/L	1.002	2	8	6953	2	KED
|	**Cu**	**63**	**49.832**	ug/L	0.266	0	69	147075	2	KED
|	**Cu**	**65**	**50.944**	ug/L	0.960	1	37	75841	0	KED
|	**Zn**	**66**	**140.484**	ug/L	4.677	3	75	48575	1	KED
|	**Zn**	**67**	**129.172**	ug/L	5.911	4	12	7464	2	KED
|	**As**	**75**	**23.843**	ug/L	0.658	2	7	4444	0	KED
⌊	**Se**	**78**	**68.031**	ug/L	2.511	3	12	1238	1	KED
	Y	**89**		ug/L			785782	1264709	2	Standard
	Kr	**83**		ug/L			66	226	13	Standard
⌈>	**In-1**	**115**		ug/L			14213	13466	3	KED
|	**Cd**	**111**	**24.135**	ug/L	0.793	3	4	5690	0	KED
⌊	**Cd**	**114**	**24.145**	ug/L	0.562	2	3	14046	4	KED
⌈>	**In**	**115**		ug/L			860463	857617	1	Standard
|	**Ag**	**107**	**22.085**	ug/L	0.729	3	74	416112	4	Standard
|	**Sb**	**121**	**0.316**	ug/L	0.002	0	221	4024	1	Standard
⌊	**Sb**	**123**	**0.288**	ug/L	0.011	3	183	2894	4	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1343112	1	Standard
⌊	**Pb**	**208**	**30.405**	ug/L	0.629	2	203	1454717	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0140-PS1
Sample Dil Factor: 20
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 19:27:16
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	52031	2	Standard
	Cl	**37**		ug/L			7814370	7935807	1	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1711484	1	Standard
|	**Cr**	**52**	**34.614**	ug/L	0.744	2	27362	1190674	0	Standard
|	**Cr**	**53**	**35.713**	ug/L	0.713	1	688	138987	1	Standard
⌊	**Mn**	**55**	**426.837**	ug/L	12.095	2	1534	21056356	3	Standard
⌈>	**Ge**	**72**		ug/L			50195	51484	2	KED
|	**Ni**	**60**	**41.187**	ug/L	1.239	3	29	42356	0	KED
|	**Ni**	**62**	**40.554**	ug/L	2.916	7	8	6868	4	KED
|	**Cu**	**63**	**48.315**	ug/L	0.775	1	69	146640	0	KED
|	**Cu**	**65**	**47.789**	ug/L	0.915	1	37	73182	0	KED
|	**Zn**	**66**	**136.879**	ug/L	2.694	1	75	48691	0	KED
|	**Zn**	**67**	**130.824**	ug/L	4.400	3	12	7778	2	KED
|	**As**	**75**	**26.161**	ug/L	0.483	1	7	5017	2	KED
⌊	**Se**	**78**	**73.696**	ug/L	0.995	1	12	1379	2	KED
	Y	**89**		ug/L			785782	1233670	1	Standard
	Kr	**83**		ug/L			66	187	11	Standard
⌈>	**In-1**	**115**		ug/L			14213	13717	1	KED
|	**Cd**	**111**	**24.772**	ug/L	0.208	0	4	5953	1	KED
⌊	**Cd**	**114**	**24.546**	ug/L	0.734	2	3	14541	2	KED
⌈>	**In**	**115**		ug/L			860463	878975	3	Standard
|	**Ag**	**107**	**23.435**	ug/L	0.896	3	74	452112	2	Standard
|	**Sb**	**121**	**25.853**	ug/L	1.174	4	221	318570	1	Standard
⌊	**Sb**	**123**	**25.172**	ug/L	0.442	1	183	243010	2	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1371112	1	Standard
⌊	**Pb**	**208**	**29.695**	ug/L	0.568	1	203	1450481	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 19:36:27
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	25398	2	Standard
	Cl	**37**		ug/L			7814370	7917304	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1419052	1	Standard
|	**Cr**	**52**	**50.675**	ug/L	0.341	0	27362	1432968	1	Standard
|	**Cr**	**53**	**51.664**	ug/L	0.822	1	688	166410	1	Standard
⌊	**Mn**	**55**	**49.828**	ug/L	3.439	6	1534	2038363	5	Standard
⌈>	**Ge**	**72**		ug/L			50195	49290	1	KED
|	**Ni**	**60**	**54.457**	ug/L	1.264	2	29	53620	1	KED
|	**Ni**	**62**	**55.239**	ug/L	1.273	2	8	8964	2	KED
|	**Cu**	**63**	**54.203**	ug/L	0.882	1	69	157517	1	KED
|	**Cu**	**65**	**53.994**	ug/L	1.483	2	37	79156	1	KED
|	**Zn**	**66**	**54.992**	ug/L	0.432	0	75	18778	1	KED
|	**Zn**	**67**	**54.242**	ug/L	0.415	0	12	3095	1	KED
|	**As**	**75**	**50.785**	ug/L	1.664	3	7	9316	2	KED
⌊	**Se**	**78**	**49.163**	ug/L	2.381	4	12	884	2	KED
	Y	**89**		ug/L			785782	755787	0	Standard
	Kr	**83**		ug/L			66	72	12	Standard
⌈>	**In-1**	**115**		ug/L			14213	13275	2	KED
|	**Cd**	**111**	**53.477**	ug/L	1.552	2	4	12427	0	KED
⌊	**Cd**	**114**	**54.139**	ug/L	1.399	2	3	31027	0	KED
⌈>	**In**	**115**		ug/L			860463	838709	1	Standard
|	**Ag**	**107**	**48.465**	ug/L	1.094	2	74	892502	0	Standard
|	**Sb**	**121**	**56.215**	ug/L	2.282	4	221	661063	2	Standard
⌊	**Sb**	**123**	**55.037**	ug/L	1.006	1	183	506886	1	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1335517	2	Standard
⌊	**Pb**	**208**	**50.791**	ug/L	2.282	4	203	2415175	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 19:43:58
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	25487	0	Standard
	Cl	**37**		ug/L			7814370	7927228	2	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1390364	2	Standard
|	**Cr**	**52**	**-0.023**	ug/L	0.039	170	27362	26007	2	Standard
|	**Cr**	**53**	**-0.087**	ug/L	0.004	4	688	398	1	Standard
⌊	**Mn**	**55**	**0.008**	ug/L	0.001	11	1534	1823	0	Standard
⌈>	**Ge**	**72**		ug/L			50195	48855	0	KED
|	**Ni**	**60**	**0.037**	ug/L	0.024	64	29	64	35	KED
|	**Ni**	**62**	**0.017**	ug/L	0.030	173	8	10	44	KED
|	**Cu**	**63**	**0.052**	ug/L	0.016	29	69	217	20	KED
|	**Cu**	**65**	**0.041**	ug/L	0.013	31	37	96	19	KED
|	**Zn**	**66**	**0.345**	ug/L	0.070	20	75	189	12	KED
|	**Zn**	**67**	**0.378**	ug/L	0.072	19	12	33	12	KED
|	**As**	**75**	**0.015**	ug/L	0.014	94	7	10	26	KED
⌊	**Se**	**78**	**-0.080**	ug/L	0.279	348	12	10	45	KED
	Y	**89**		ug/L			785782	738553	2	Standard
	Kr	**83**		ug/L			66	55	11	Standard
⌈>	**In-1**	**115**		ug/L			14213	13284	3	KED
|	**Cd**	**111**	**0.001**	ug/L	0.014	1016	4	4	74	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.006	153	3	5	59	KED
⌈>	**In**	**115**		ug/L			860463	851966	9	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	148	74	86	17	Standard
|	**Sb**	**121**	**0.037**	ug/L	0.002	5	221	666	6	Standard
⌊	**Sb**	**123**	**0.035**	ug/L	0.004	12	183	503	6	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1299987	2	Standard
⌊	**Pb**	**208**	**0.008**	ug/L	0.001	8	203	546	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0149-BLK1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 19:48:45
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	30927	2	Standard
	Cl	37		ug/L			7814370	7646174	1	Standard
>	Sc	45		ug/L			1428225	1341647	4	Standard
	Cr	52	0.083	ug/L	0.037	44	27362	27854	1	Standard
	Cr	53	-0.049	ug/L	0.005	9	688	499	2	Standard
	Mn	55	0.003	ug/L	0.001	26	1534	1555	3	Standard
>	Ge	72		ug/L			50195	47969	0	KED
	Ni	60	0.005	ug/L	0.010	181	29	33	27	KED
	Ni	62	-0.010	ug/L	0.007	72	8	6	17	KED
	Cu	63	0.004	ug/L	0.001	36	69	78	4	KED
	Cu	65	-0.002	ug/L	0.008	389	37	33	32	KED
	Zn	66	0.727	ug/L	0.072	9	75	313	8	KED
	Zn	67	0.883	ug/L	0.369	41	12	60	33	KED
	As	75	-0.006	ug/L	0.004	66	7	6	12	KED
	Se	78	-0.034	ug/L	0.043	124	12	11	6	KED
	Y	89		ug/L			785782	714667	3	Standard
	Kr	83		ug/L			66	47	30	Standard
>	In-1	115		ug/L			14213	13270	2	KED
	Cd	111	-0.004	ug/L	0.007	152	4	2	57	KED
	Cd	114	-0.001	ug/L	0.002	271	3	2	37	KED
>	In	115		ug/L			860463	824763	5	Standard
	Ag	107	-0.001	ug/L	0.000	54	74	60	14	Standard
	Sb	121	-0.000	ug/L	0.002	1909	221	210	12	Standard
	Sb	123	-0.003	ug/L	0.000	1	183	148	5	Standard
>	Tb	159		ug/L			1347498	1284360	5	Standard
	Pb	208	-0.001	ug/L	0.000	44	203	158	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0149-BS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 19:53:31
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	38601	4	Standard
	Cl	37		ug/L			7814370	8017491	2	Standard
>	Sc	45		ug/L			1428225	1442385	1	Standard
	Cr	52	24.195	ug/L	0.271	1	27362	709800	0	Standard
	Cr	53	24.939	ug/L	0.868	3	688	81992	2	Standard
	Mn	55	23.724	ug/L	0.381	1	1534	987653	1	Standard
>	Ge	72		ug/L			50195	49012	1	KED
	Ni	60	26.613	ug/L	0.445	1	29	26081	2	KED
	Ni	62	25.791	ug/L	0.915	3	8	4165	2	KED
	Cu	63	26.227	ug/L	0.326	1	69	75841	2	KED
	Cu	65	26.438	ug/L	0.936	3	37	38564	2	KED
	Zn	66	83.151	ug/L	2.647	3	75	28188	1	KED
	Zn	67	77.513	ug/L	0.430	0	12	4393	1	KED
	As	75	24.455	ug/L	0.378	1	7	4465	0	KED
	Se	78	75.036	ug/L	1.719	2	12	1337	0	KED
	Y	89		ug/L			785782	773572	1	Standard
	Kr	83		ug/L			66	67	1	Standard
>	In-1	115		ug/L			14213	13495	0	KED
	Cd	111	24.959	ug/L	0.719	2	4	5901	3	KED
	Cd	114	25.081	ug/L	0.582	2	3	14621	2	KED
>	In	115		ug/L			860463	837663	3	Standard
	Ag	107	24.774	ug/L	0.620	2	74	455566	1	Standard
	Sb	121	0.004	ug/L	0.001	23	221	257	4	Standard
	Sb	123	0.004	ug/L	0.001	34	183	217	8	Standard
>	Tb	159		ug/L			1347498	1329353	1	Standard
	Pb	208	24.914	ug/L	0.442	1	203	1180014	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0060-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 19:58:16
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	30179702	1	Standard
	Cl	37		ug/L			7814370	8939252	0	Standard
>	Sc	45		ug/L			1428225	1867624	1	Standard
	Cr	52	81.053	ug/L	1.529	1	27362	2994439	0	Standard
	Cr	53	7.643	ug/L	0.125	1	688	33163	0	Standard
	Mn	55	93.391	ug/L	2.100	2	1534	5027491	0	Standard
>	Ge	72		ug/L			50195	61710	1	KED
	Ni	60	5.763	ug/L	0.067	1	29	7138	1	KED
	Ni	62	5.692	ug/L	0.120	2	8	1165	3	KED
	Cu	63	27.801	ug/L	1.035	3	69	101229	4	KED
	Cu	65	27.368	ug/L	0.624	2	37	50273	2	KED
	Zn	66	1214.158	ug/L	9.572	0	75	517103	0	KED
	Zn	67	1116.405	ug/L	16.244	1	12	79485	2	KED
	As	75	0.531	ug/L	0.029	5	7	130	4	KED
	Se	78	1.344	ug/L	0.280	20	12	45	14	KED
	Y	89		ug/L			785782	947722	2	Standard
	Kr	83		ug/L			66	135	54	Standard
>	In-1	115		ug/L			14213	16261	1	KED
	Cd	111	0.005	ug/L	0.014	302	4	6	65	KED
	Cd	114	0.010	ug/L	0.004	41	3	11	27	KED
>	In	115		ug/L			860463	1093070	2	Standard
	Ag	107	0.004	ug/L	0.000	4	74	200	1	Standard
	Sb	121	4.377	ug/L	0.101	2	221	67347	1	Standard
	Sb	123	4.273	ug/L	0.078	1	183	51497	1	Standard
>	Tb	159		ug/L			1347498	1565485	2	Standard
	Pb	208	9.408	ug/L	0.188	1	203	524732	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0060-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:03:02
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	270665	0	Standard
	Cl	37		ug/L			7814370	8245642	2	Standard
>	Sc	45		ug/L			1428225	1465711	0	Standard
	Cr	52	1.185	ug/L	0.025	2	27362	62035	1	Standard
	Cr	53	0.560	ug/L	0.010	1	688	2563	1	Standard
	Mn	55	91.696	ug/L	1.406	1	1534	3875040	1	Standard
>	Ge	72		ug/L			50195	49471	3	KED
	Ni	60	5.366	ug/L	0.112	2	29	5328	2	KED
	Ni	62	5.404	ug/L	0.734	13	8	884	9	KED
	Cu	63	11.486	ug/L	0.643	5	69	33518	3	KED
	Cu	65	11.712	ug/L	0.165	1	37	17261	2	KED
	Zn	66	962.565	ug/L	10.369	1	75	328659	3	KED
	Zn	67	886.116	ug/L	41.413	4	12	50526	2	KED
	As	75	0.228	ug/L	0.037	15	7	49	14	KED
	Se	78	0.128	ug/L	0.084	65	12	14	6	KED
	Y	89		ug/L			785782	774456	1	Standard
	Kr	83		ug/L			66	67	9	Standard
>	In-1	115		ug/L			14213	12900	3	KED
	Cd	111	0.002	ug/L	0.006	369	4	4	35	KED
	Cd	114	0.014	ug/L	0.004	30	3	10	18	KED
>	In	115		ug/L			860463	862466	4	Standard
	Ag	107	0.002	ug/L	0.001	85	74	102	21	Standard
	Sb	121	3.684	ug/L	0.157	4	221	44716	0	Standard
	Sb	123	3.532	ug/L	0.145	4	183	33586	0	Standard
>	Tb	159		ug/L			1347498	1341430	0	Standard
	Pb	208	3.573	ug/L	0.044	1	203	170937	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0060-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:07:57
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	92183	3	Standard
	Cl	37		ug/L			7814370	8079767	3	Standard
>	Sc	45		ug/L			1428225	1451320	0	Standard
	Cr	52	1.316	ug/L	0.041	3	27362	65146	1	Standard
	Cr	53	1.220	ug/L	0.010	0	688	4702	0	Standard
	Mn	55	96.613	ug/L	1.660	1	1534	4042767	1	Standard
>	Ge	72		ug/L			50195	49764	2	KED
	Ni	60	4.966	ug/L	0.250	5	29	4960	2	KED
	Ni	62	4.829	ug/L	0.265	5	8	798	3	KED
	Cu	63	9.908	ug/L	0.391	3	69	29112	2	KED
	Cu	65	9.837	ug/L	0.476	4	37	14583	2	KED
	Zn	66	574.807	ug/L	9.746	1	75	197407	0	KED
	Zn	67	523.441	ug/L	12.547	2	12	30055	3	KED
	As	75	0.209	ug/L	0.013	6	7	46	7	KED
	Se	78	0.251	ug/L	0.109	43	12	16	12	KED
	Y	89		ug/L			785782	780903	3	Standard
	Kr	83		ug/L			66	63	10	Standard
>	In-1	115		ug/L			14213	13544	1	KED
	Cd	111	0.005	ug/L	0.006	131	4	5	28	KED
	Cd	114	0.003	ug/L	0.006	227	3	5	73	KED
>	In	115		ug/L			860463	886274	1	Standard
	Ag	107	0.002	ug/L	0.001	43	74	108	12	Standard
	Sb	121	3.042	ug/L	0.050	1	221	38033	1	Standard
	Sb	123	2.954	ug/L	0.010	0	183	28927	1	Standard
>	Tb	159		ug/L			1347498	1352479	1	Standard
	Pb	208	2.539	ug/L	0.072	2	203	122512	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0060-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:13:37
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	71856	2	Standard
	Cl	37		ug/L			7814370	8160560	1	Standard
>	Sc	45		ug/L			1428225	1451789	0	Standard
	Cr	52	1.313	ug/L	0.031	2	27362	65063	1	Standard
	Cr	53	1.264	ug/L	0.017	1	688	4847	1	Standard
	Mn	55	95.154	ug/L	2.367	2	1534	3982745	2	Standard
>	Ge	72		ug/L			50195	48320	1	KED
	Ni	60	4.733	ug/L	0.065	1	29	4595	1	KED
	Ni	62	4.685	ug/L	0.231	4	8	752	3	KED
	Cu	63	9.551	ug/L	0.139	1	69	27267	1	KED
	Cu	65	9.579	ug/L	0.453	4	37	13796	3	KED
	Zn	66	505.378	ug/L	8.709	1	75	168569	1	KED
	Zn	67	457.672	ug/L	5.193	1	12	25519	1	KED
	As	75	0.263	ug/L	0.045	17	7	54	15	KED
	Se	78	0.129	ug/L	0.246	189	12	14	30	KED
	Y	89		ug/L			785782	814398	1	Standard
	Kr	83		ug/L			66	61	24	Standard
>	In-1	115		ug/L			14213	13162	1	KED
	Cd	111	0.017	ug/L	0.016	93	4	7	45	KED
	Cd	114	0.022	ug/L	0.005	23	3	15	17	KED
>	In	115		ug/L			860463	864621	4	Standard
	Ag	107	0.002	ug/L	0.000	5	74	113	2	Standard
	Sb	121	2.823	ug/L	0.142	5	221	34395	1	Standard
	Sb	123	2.650	ug/L	0.071	2	183	25320	2	Standard
>	Tb	159		ug/L			1347498	1363310	1	Standard
	Pb	208	5.732	ug/L	0.110	1	203	278525	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0066-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:20:47
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	47653	1	Standard
	Cl	37		ug/L			7814370	11385368	3	Standard
>	Sc	45		ug/L			1428225	1470354	4	Standard
	Cr	52	2.495	ug/L	0.104	4	27362	99788	2	Standard
	Cr	53	5.174	ug/L	0.144	2	688	17893	2	Standard
	Mn	55	0.815	ug/L	0.032	3	1534	36065	2	Standard
>	Ge	72		ug/L			50195	45589	0	KED
	Ni	60	0.725	ug/L	0.039	5	29	687	5	KED
	Ni	62	0.674	ug/L	0.098	14	8	108	13	KED
	Cu	63	0.837	ug/L	0.003	0	69	2311	0	KED
	Cu	65	0.852	ug/L	0.026	3	37	1189	3	KED
	Zn	66	2.964	ug/L	0.159	5	75	1001	5	KED
	Zn	67	4.138	ug/L	0.102	2	12	228	2	KED
	As	75	8.045	ug/L	0.038	0	7	1371	0	KED
	Se	78	0.744	ug/L	0.171	23	12	23	12	KED
	Y	89		ug/L			785782	739266	4	Standard
	Kr	83		ug/L			66	66	12	Standard
>	In-1	115		ug/L			14213	12934	0	KED
	Cd	111	0.006	ug/L	0.006	109	4	5	28	KED
	Cd	114	0.024	ug/L	0.024	99	3	16	79	KED
>	In	115		ug/L			860463	840245	8	Standard
	Ag	107	0.000	ug/L	0.000	212	74	75	7	Standard
	Sb	121	2.279	ug/L	0.195	8	221	26944	1	Standard
	Sb	123	2.255	ug/L	0.201	8	183	20877	0	Standard
>	Tb	159		ug/L			1347498	1316731	4	Standard
	Pb	208	0.060	ug/L	0.002	3	203	2996	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0126-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:25:41
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	48017	3	Standard
	Cl	37		ug/L			7814370	11612457	2	Standard
>	Sc	45		ug/L			1428225	1537168	4	Standard
	Cr	52	2.405	ug/L	0.162	6	27362	101581	2	Standard
	Cr	53	5.071	ug/L	0.233	4	688	18340	0	Standard
	Mn	55	0.758	ug/L	0.030	3	1534	35212	0	Standard
>	Ge	72		ug/L			50195	47529	1	KED
	Ni	60	0.691	ug/L	0.018	2	29	684	3	KED
	Ni	62	0.709	ug/L	0.074	10	8	118	10	KED
	Cu	63	0.785	ug/L	0.003	0	69	2264	0	KED
	Cu	65	0.808	ug/L	0.044	5	37	1177	5	KED
	Zn	66	2.513	ug/L	0.060	2	75	895	2	KED
	Zn	67	3.578	ug/L	0.216	6	12	207	6	KED
	As	75	8.002	ug/L	0.022	0	7	1421	1	KED
	Se	78	0.807	ug/L	0.259	32	12	25	17	KED
	Y	89		ug/L			785782	755817	6	Standard
	Kr	83		ug/L			66	66	22	Standard
>	In-1	115		ug/L			14213	12390	2	KED
	Cd	111	0.016	ug/L	0.007	42	4	6	20	KED
	Cd	114	0.029	ug/L	0.013	43	3	18	35	KED
>	In	115		ug/L			860463	855350	2	Standard
	Ag	107	-0.001	ug/L	0.001	103	74	62	17	Standard
	Sb	121	2.245	ug/L	0.043	1	221	27134	1	Standard
	Sb	123	2.231	ug/L	0.075	3	183	21125	2	Standard
>	Tb	159		ug/L			1347498	1346763	3	Standard
	Pb	208	0.059	ug/L	0.002	3	203	3036	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0126-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:31:21
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	48652	2	Standard
	Cl	37		ug/L			7814370	11393976	0	Standard
>	Sc	45		ug/L			1428225	1540453	0	Standard
	Cr	52	26.206	ug/L	0.599	2	27362	818603	1	Standard
	Cr	53	29.124	ug/L	0.325	1	688	102164	0	Standard
	Mn	55	23.201	ug/L	0.445	1	1534	1031634	1	Standard
>	Ge	72		ug/L			50195	46954	3	KED
	Ni	60	27.889	ug/L	1.097	3	29	26159	1	KED
	Ni	62	27.906	ug/L	2.321	8	8	4311	5	KED
	Cu	63	27.405	ug/L	1.420	5	69	75829	2	KED
	Cu	65	27.362	ug/L	0.357	1	37	38232	2	KED
	Zn	66	81.537	ug/L	3.700	4	75	26466	2	KED
	Zn	67	78.769	ug/L	3.399	4	12	4274	2	KED
	As	75	33.828	ug/L	1.404	4	7	5910	1	KED
	Se	78	74.197	ug/L	2.582	3	12	1266	0	KED
	Y	89		ug/L			785782	752603	3	Standard
	Kr	83		ug/L			66	82	2	Standard
>	In-1	115		ug/L			14213	12454	1	KED
	Cd	111	24.908	ug/L	0.683	2	4	5434	2	KED
	Cd	114	25.072	ug/L	0.700	2	3	13484	1	KED
>	In	115		ug/L			860463	843273	2	Standard
	Ag	107	21.948	ug/L	0.298	1	74	406483	2	Standard
	Sb	121	2.392	ug/L	0.066	2	221	28484	0	Standard
	Sb	123	2.271	ug/L	0.073	3	183	21188	0	Standard
>	Tb	159		ug/L			1347498	1360346	0	Standard
	Pb	208	24.057	ug/L	0.366	1	203	1165946	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL8
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:38:32
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	28517	1	Standard
	Cl	**37**		ug/L			7814370	8302127	1	Standard
⎡>	**Sc**	**45**		ug/L			1428225	1449891	0	Standard
⎢	**Cr**	**52**	**0.006**	ug/L	0.007	107	27362	27953	1	Standard
⎢	**Cr**	**53**	**-0.052**	ug/L	0.001	1	688	528	1	Standard
⎣	**Mn**	**55**	**-0.001**	ug/L	0.001	117	1534	1507	3	Standard
⎡>	**Ge**	**72**		ug/L			50195	48758	2	KED
⎢	**Ni**	**60**	**0.007**	ug/L	0.010	140	29	36	29	KED
⎢	**Ni**	**62**	**-0.015**	ug/L	0.011	75	8	5	33	KED
⎢	**Cu**	**63**	**-0.000**	ug/L	0.002	1253	69	67	9	KED
⎢	**Cu**	**65**	**-0.000**	ug/L	0.006	1159	37	35	21	KED
⎢	**Zn**	**66**	**-0.035**	ug/L	0.040	114	75	61	20	KED
⎢	**Zn**	**67**	**-0.108**	ug/L	0.065	60	12	5	66	KED
⎢	**As**	**75**	**0.014**	ug/L	0.018	128	7	9	31	KED
⎣	**Se**	**78**	**-0.074**	ug/L	0.079	106	12	10	14	KED
	Y	**89**		ug/L			785782	754303	4	Standard
	Kr	**83**		ug/L			66	72	18	Standard
⎡>	**In-1**	**115**		ug/L			14213	13335	2	KED
⎢	**Cd**	**111**	**-0.000**	ug/L	0.011	2555	4	3	66	KED
⎣	**Cd**	**114**	**0.007**	ug/L	0.007	97	3	7	51	KED
⎡>	**In**	**115**		ug/L			860463	861549	3	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	63	74	97	13	Standard
⎢	**Sb**	**121**	**-0.015**	ug/L	0.000	2	221	45	7	Standard
⎣	**Sb**	**123**	**-0.015**	ug/L	0.001	7	183	41	23	Standard
⎡>	**Tb**	**159**		ug/L			1347498	1328550	0	Standard
⎣	**Pb**	**208**	**0.001**	ug/L	0.000	20	203	233	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCV9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:46:02
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	28891	1	Standard
	Cl	**37**		ug/L			7814370	8304378	1	Standard
>	**Sc**	**45**		ug/L			1428225	1454161	2	Standard
	Cr	**52**	**50.990**	ug/L	1.594	3	27362	1476565	0	Standard
	Cr	**53**	**51.319**	ug/L	1.821	3	688	169306	1	Standard
	Mn	**55**	**52.923**	ug/L	1.754	3	1534	2218172	0	Standard
>	**Ge**	**72**		ug/L			50195	49103	1	KED
	Ni	**60**	**56.313**	ug/L	1.698	3	29	55232	1	KED
	Ni	**62**	**56.225**	ug/L	2.488	4	8	9086	3	KED
	Cu	**63**	**54.135**	ug/L	0.566	1	69	156752	2	KED
	Cu	**65**	**55.336**	ug/L	1.488	2	37	80834	2	KED
	Zn	**66**	**54.567**	ug/L	0.770	1	75	18561	1	KED
	Zn	**67**	**52.390**	ug/L	3.805	7	12	2976	5	KED
	As	**75**	**50.939**	ug/L	0.868	1	7	9310	1	KED
	Se	**78**	**49.561**	ug/L	1.074	2	12	889	1	KED
	Y	**89**		ug/L			785782	783952	1	Standard
	Kr	**83**		ug/L			66	76	9	Standard
>	**In-1**	**115**		ug/L			14213	13168	1	KED
	Cd	**111**	**53.099**	ug/L	0.751	1	4	12245	0	KED
	Cd	**114**	**53.697**	ug/L	0.953	1	3	30536	0	KED
>	**In**	**115**		ug/L			860463	893692	2	Standard
	Ag	**107**	**47.674**	ug/L	1.457	3	74	935297	1	Standard
	Sb	**121**	**55.197**	ug/L	0.939	1	221	691756	0	Standard
	Sb	**123**	**53.613**	ug/L	1.711	3	183	525981	1	Standard
>	**Tb**	**159**		ug/L			1347498	1377421	2	Standard
	Pb	**208**	**50.636**	ug/L	0.893	1	203	2484230	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCB9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:53:33
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	27629	2	Standard
	Cl	**37**		ug/L			7814370	8117735	2	Standard
⎡>	**Sc**	**45**		ug/L			1428225	1424026	0	Standard
⎢	**Cr**	**52**	**0.006**	ug/L	0.011	177	27362	27463	2	Standard
⎢	**Cr**	**53**	**-0.087**	ug/L	0.007	8	688	406	5	Standard
⎣	**Mn**	**55**	**0.015**	ug/L	0.002	13	1534	2130	2	Standard
⎡>	**Ge**	**72**		ug/L			50195	48811	1	KED
⎢	**Ni**	**60**	**0.016**	ug/L	0.007	45	29	44	17	KED
⎢	**Ni**	**62**	**-0.014**	ug/L	0.012	83	8	5	33	KED
⎢	**Cu**	**63**	**0.047**	ug/L	0.006	12	69	203	9	KED
⎢	**Cu**	**65**	**0.042**	ug/L	0.006	14	37	97	8	KED
⎢	**Zn**	**66**	**0.400**	ug/L	0.055	13	75	208	9	KED
⎢	**Zn**	**67**	**0.378**	ug/L	0.103	27	12	33	17	KED
⎢	**As**	**75**	**0.009**	ug/L	0.005	52	7	8	11	KED
⎣	**Se**	**78**	**-0.116**	ug/L	0.090	77	12	10	16	KED
	Y	**89**		ug/L			785782	754221	1	Standard
	Kr	**83**		ug/L			66	58	16	Standard
⎡>	**In-1**	**115**		ug/L			14213	13031	1	KED
⎢	**Cd**	**111**	**-0.004**	ug/L	0.014	347	4	2	115	KED
⎣	**Cd**	**114**	**0.002**	ug/L	0.005	330	3	4	70	KED
⎡>	**In**	**115**		ug/L			860463	874408	0	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	37	74	102	9	Standard
⎢	**Sb**	**121**	**0.034**	ug/L	0.004	12	221	641	8	Standard
⎣	**Sb**	**123**	**0.033**	ug/L	0.002	7	183	503	4	Standard
⎡>	**Tb**	**159**		ug/L			1347498	1335612	2	Standard
⎣	**Pb**	**208**	**0.007**	ug/L	0.001	8	203	548	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0068-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 20:58:20
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	947043	1	Standard
	Cl	37		ug/L			7814370	7605204	0	Standard
>	Sc	45		ug/L			1428225	1414417	1	Standard
	Cr	52	4.195	ug/L	0.112	2	27362	143086	1	Standard
	Cr	53	1.431	ug/L	0.043	3	688	5256	1	Standard
	Mn	55	14.188	ug/L	0.234	1	1534	579855	1	Standard
>	Ge	72		ug/L			50195	44186	0	KED
	Ni	60	6.126	ug/L	0.134	2	29	5432	2	KED
	Ni	62	6.191	ug/L	0.178	2	8	907	3	KED
	Cu	63	16.346	ug/L	0.033	0	69	42631	0	KED
	Cu	65	16.225	ug/L	0.127	0	37	21352	0	KED
	Zn	66	3.418	ug/L	0.207	6	75	1108	5	KED
	Zn	67	4.426	ug/L	0.308	6	12	236	6	KED
	As	75	0.178	ug/L	0.014	8	7	35	6	KED
	Se	78	0.459	ug/L	0.445	97	12	18	38	KED
	Y	89		ug/L			785782	690649	0	Standard
	Kr	83		ug/L			66	166	2	Standard
>	In-1	115		ug/L			14213	11416	1	KED
	Cd	111	0.039	ug/L	0.029	72	4	11	50	KED
	Cd	114	0.042	ug/L	0.015	36	3	23	30	KED
>	In	115		ug/L			860463	820233	1	Standard
	Ag	107	0.001	ug/L	0.000	11	74	97	3	Standard
	Sb	121	0.136	ug/L	0.002	1	221	1775	2	Standard
	Sb	123	0.132	ug/L	0.003	2	183	1366	1	Standard
>	Tb	159		ug/L			1347498	1393918	1	Standard
	Pb	208	0.014	ug/L	0.001	6	203	921	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0069-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:04:10
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	174185	3	Standard
	Cl	37		ug/L			7814370	8111266	2	Standard
>	Sc	45		ug/L			1428225	1580033	2	Standard
	Cr	52	1.837	ug/L	0.066	3	27362	86999	1	Standard
	Cr	53	1.581	ug/L	0.111	7	688	6403	3	Standard
	Mn	55	191.454	ug/L	10.267	5	1534	8712258	2	Standard
>	Ge	72		ug/L			50195	50963	1	KED
	Ni	60	2.733	ug/L	0.047	1	29	2811	0	KED
	Ni	62	2.650	ug/L	0.055	2	8	452	2	KED
	Cu	63	15.405	ug/L	0.188	1	69	46344	1	KED
	Cu	65	15.350	ug/L	0.469	3	37	23295	1	KED
	Zn	66	79.355	ug/L	2.433	3	75	27977	1	KED
	Zn	67	74.554	ug/L	1.310	1	12	4394	2	KED
	As	75	1.444	ug/L	0.062	4	7	281	3	KED
	Se	78	-0.024	ug/L	0.183	756	12	12	27	KED
	Y	89		ug/L			785782	776195	2	Standard
	Kr	83		ug/L			66	60	1	Standard
>	In-1	115		ug/L			14213	13534	0	KED
	Cd	111	0.293	ug/L	0.026	8	4	73	7	KED
	Cd	114	0.272	ug/L	0.020	7	3	162	6	KED
>	In	115		ug/L			860463	921426	2	Standard
	Ag	107	0.012	ug/L	0.003	21	74	321	13	Standard
	Sb	121	1.319	ug/L	0.051	3	221	17273	1	Standard
	Sb	123	1.299	ug/L	0.080	6	183	13324	3	Standard
>	Tb	159		ug/L			1347498	1469112	2	Standard
	Pb	208	2.610	ug/L	0.087	3	203	136715	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20B0331-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:09:59
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	69492	1	Standard
	Cl	**37**		ug/L			7814370	8641507	1	Standard
>	**Sc**	**45**		ug/L			1428225	1825176	1	Standard
	Cr	**52**	**0.984**	ug/L	0.008	0	27362	70073	1	Standard
	Cr	**53**	**1.383**	ug/L	0.025	1	688	6585	1	Standard
	Mn	**55**	**3948.736**	ug/L	28.810	0	1534	207714736	1	Standard
>	**Ge**	**72**		ug/L			50195	49500	0	KED
	Ni	**60**	**2.736**	ug/L	0.115	4	29	2734	3	KED
	Ni	**62**	**2.679**	ug/L	0.125	4	8	444	4	KED
	Cu	**63**	**0.290**	ug/L	0.013	4	69	913	3	KED
	Cu	**65**	**0.315**	ug/L	0.008	2	37	500	3	KED
	Zn	**66**	**3.360**	ug/L	0.151	4	75	1222	3	KED
	Zn	**67**	**9.956**	ug/L	0.521	5	12	580	4	KED
	As	**75**	**7.521**	ug/L	0.087	1	7	1392	0	KED
	Se	**78**	**0.120**	ug/L	0.125	104	12	14	15	KED
	Y	**89**		ug/L			785782	784097	0	Standard
	Kr	**83**		ug/L			66	75	20	Standard
>	**In-1**	**115**		ug/L			14213	12402	6	KED
	Cd	**111**	**0.001**	ug/L	0.010	713	4	3	50	KED
	Cd	**114**	**0.006**	ug/L	0.007	120	3	6	62	KED
>	**In**	**115**		ug/L			860463	884305	2	Standard
	Ag	**107**	**0.001**	ug/L	0.000	29	74	100	8	Standard
	Sb	**121**	**0.217**	ug/L	0.010	4	221	2917	1	Standard
	Sb	**123**	**0.210**	ug/L	0.006	2	183	2230	5	Standard
>	**Tb**	**159**		ug/L			1347498	1351397	1	Standard
	Pb	**208**	**0.027**	ug/L	0.000	1	203	1520	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20B0331-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:14:45
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	63214	1	Standard
	Cl	**37**		ug/L			7814370	8646547	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1843628	2	Standard
|	**Cr**	**52**	**0.965**	ug/L	0.049	5	27362	70092	1	Standard
|	**Cr**	**53**	**1.335**	ug/L	0.047	3	688	6449	1	Standard
⌊	**Mn**	**55**	**3961.690**	ug/L	181.442	4	1534	210377239	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	49605	2	KED
|	**Ni**	**60**	**1.983**	ug/L	0.115	5	29	1993	5	KED
|	**Ni**	**62**	**1.774**	ug/L	0.245	13	8	298	16	KED
|	**Cu**	**63**	**0.196**	ug/L	0.007	3	69	643	3	KED
|	**Cu**	**65**	**0.199**	ug/L	0.009	4	37	330	6	KED
|	**Zn**	**66**	**2.929**	ug/L	0.107	3	75	1076	2	KED
|	**Zn**	**67**	**9.586**	ug/L	0.262	2	12	560	5	KED
|	**As**	**75**	**7.309**	ug/L	0.263	3	7	1355	2	KED
⌊	**Se**	**78**	**0.058**	ug/L	0.044	76	12	13	4	KED
	Y	**89**		ug/L			785782	798637	0	Standard
	Kr	**83**		ug/L			66	88	17	Standard
⌈>	**In-1**	**115**		ug/L			14213	12776	2	KED
|	**Cd**	**111**	**-0.007**	ug/L	0.006	97	4	2	65	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.004	105	3	5	38	KED
⌈>	**In**	**115**		ug/L			860463	879062	0	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.001	75	74	90	11	Standard
|	**Sb**	**121**	**0.213**	ug/L	0.009	4	221	2852	3	Standard
⌊	**Sb**	**123**	**0.205**	ug/L	0.004	1	183	2162	1	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1368882	2	Standard
⌊	**Pb**	**208**	**0.018**	ug/L	0.001	4	203	1099	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20B0331-04
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:19:31
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			25273	55392	0	Standard
	Cl	37		ug/L			7814370	17323474	1	Standard
>	Sc	45		ug/L			1428225	1874323	1	Standard
	Cr	52	0.025	ug/L	0.027	106	27362	36826	1	Standard
	Cr	53	2.837	ug/L	0.062	2	688	12926	3	Standard
	Mn	55	9961.893	ug/L	239.521	2	1534	538016937	1	Standard
>	Ge	72		ug/L			50195	48410	0	KED
	Ni	60	4.015	ug/L	0.050	1	29	3910	2	KED
	Ni	62	4.313	ug/L	0.320	7	8	694	6	KED
	Cu	63	0.225	ug/L	0.007	2	69	708	3	KED
	Cu	65	0.219	ug/L	0.022	10	37	351	8	KED
	Zn	66	4.211	ug/L	0.127	3	75	1479	1	KED
	Zn	67	6.822	ug/L	0.508	7	12	392	6	KED
	As	75	7.835	ug/L	0.088	1	7	1418	1	KED
	Se	78	0.106	ug/L	0.167	157	12	13	20	KED
	Y	89		ug/L			785782	796407	2	Standard
	Kr	83		ug/L			66	99	12	Standard
>	In-1	115		ug/L			14213	12634	1	KED
	Cd	111	0.009	ug/L	0.012	124	4	5	44	KED
	Cd	114	0.019	ug/L	0.008	45	3	13	32	KED
>	In	115		ug/L			860463	891744	1	Standard
	Ag	107	0.001	ug/L	0.001	161	74	88	21	Standard
	Sb	121	0.106	ug/L	0.002	1	221	1549	0	Standard
	Sb	123	0.105	ug/L	0.003	2	183	1218	4	Standard
>	Tb	159		ug/L			1347498	1385000	1	Standard
	Pb	208	0.026	ug/L	0.001	3	203	1505	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20B0331-05
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:24:17
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	54315	0	Standard
	Cl	**37**		ug/L			7814370	9497282	1	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1831764	1	Standard
|	**Cr**	**52**	**0.139**	ug/L	0.037	26	27362	40076	3	Standard
|	**Cr**	**53**	**1.550**	ug/L	0.043	2	688	7299	1	Standard
⌊	**Mn**	**55**	**2982.256**	ug/L	46.110	1	1534	157427297	0	Standard
⌈>	**Ge**	**72**		ug/L			50195	50155	3	KED
|	**Ni**	**60**	**0.432**	ug/L	0.009	2	29	462	3	KED
|	**Ni**	**62**	**0.391**	ug/L	0.120	30	8	72	25	KED
|	**Cu**	**63**	**0.136**	ug/L	0.009	6	69	472	5	KED
|	**Cu**	**65**	**0.138**	ug/L	0.009	6	37	243	2	KED
|	**Zn**	**66**	**3.173**	ug/L	0.094	2	75	1173	3	KED
|	**Zn**	**67**	**3.924**	ug/L	0.626	15	12	238	13	KED
|	**As**	**75**	**195.627**	ug/L	5.078	2	7	36487	1	KED
⌊	**Se**	**78**	**0.100**	ug/L	0.074	74	12	14	12	KED
	Y	**89**		ug/L			785782	790220	3	Standard
	Kr	**83**		ug/L			66	76	20	Standard
⌈>	**In-1**	**115**		ug/L			14213	12599	0	KED
|	**Cd**	**111**	**0.002**	ug/L	0.015	714	4	4	81	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.002	122	3	4	26	KED
⌈>	**In**	**115**		ug/L			860463	893506	4	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	47	74	59	12	Standard
|	**Sb**	**121**	**0.519**	ug/L	0.025	4	221	6727	1	Standard
⌊	**Sb**	**123**	**0.496**	ug/L	0.025	4	183	5054	3	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1403410	1	Standard
⌊	**Pb**	**208**	**0.006**	ug/L	0.001	9	203	530	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20B0331-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:29:03
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	53659	1	Standard
	Cl	**37**		ug/L			7814370	9985662	2	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1779888	1	Standard
|	**Cr**	**52**	**0.272**	ug/L	0.046	16	27362	43558	2	Standard
|	**Cr**	**53**	**1.786**	ug/L	0.024	1	688	8045	0	Standard
⌊	**Mn**	**55**	**2436.816**	ug/L	61.452	2	1534	124973184	1	Standard
⌈>	**Ge**	**72**		ug/L			50195	51332	1	KED
|	**Ni**	**60**	**5.587**	ug/L	0.152	2	29	5759	3	KED
|	**Ni**	**62**	**5.715**	ug/L	0.172	3	8	973	2	KED
|	**Cu**	**63**	**1.093**	ug/L	0.012	1	69	3376	1	KED
|	**Cu**	**65**	**1.103**	ug/L	0.069	6	37	1722	6	KED
|	**Zn**	**66**	**5.081**	ug/L	0.217	4	75	1876	4	KED
|	**Zn**	**67**	**6.313**	ug/L	0.433	6	12	386	6	KED
|	**As**	**75**	**12.679**	ug/L	0.112	0	7	2428	0	KED
⌊	**Se**	**78**	**0.118**	ug/L	0.114	96	12	15	14	KED
	Y	**89**		ug/L			785782	822291	1	Standard
	Kr	**83**		ug/L			66	73	16	Standard
⌈>	**In-1**	**115**		ug/L			14213	12874	1	KED
|	**Cd**	**111**	**-0.008**	ug/L	0.004	52	4	1	50	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.004	114	3	5	40	KED
⌈>	**In**	**115**		ug/L			860463	917527	2	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	17	74	64	4	Standard
|	**Sb**	**121**	**0.045**	ug/L	0.003	5	221	818	6	Standard
⌊	**Sb**	**123**	**0.042**	ug/L	0.002	5	183	615	6	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1420538	1	Standard
⌊	**Pb**	**208**	**0.011**	ug/L	0.001	10	203	794	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0127-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:33:58
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	54698	2	Standard
	Cl	**37**		ug/L			7814370	9962841	1	Standard
>	**Sc**	**45**		ug/L			1428225	1784588	0	Standard
	Cr	**52**	**0.307**	ug/L	0.044	14	27362	44892	2	Standard
	Cr	**53**	**1.761**	ug/L	0.093	5	688	7961	3	Standard
	Mn	**55**	**2502.577**	ug/L	55.113	2	1534	128704559	1	Standard
>	**Ge**	**72**		ug/L			50195	50877	1	KED
	Ni	**60**	**5.678**	ug/L	0.112	1	29	5799	2	KED
	Ni	**62**	**5.690**	ug/L	0.464	8	8	960	6	KED
	Cu	**63**	**0.326**	ug/L	0.008	2	69	1049	2	KED
	Cu	**65**	**0.342**	ug/L	0.027	7	37	555	7	KED
	Zn	**66**	**4.426**	ug/L	0.105	2	75	1630	2	KED
	Zn	**67**	**5.677**	ug/L	0.169	2	12	345	3	KED
	As	**75**	**12.901**	ug/L	0.168	1	7	2449	1	KED
	Se	**78**	**0.036**	ug/L	0.176	484	12	13	24	KED
	Y	**89**		ug/L			785782	795046	1	Standard
	Kr	**83**		ug/L			66	64	10	Standard
>	**In-1**	**115**		ug/L			14213	12879	0	KED
	Cd	**111**	**-0.003**	ug/L	0.002	93	4	3	17	KED
	Cd	**114**	**-0.001**	ug/L	0.004	579	3	2	67	KED
>	**In**	**115**		ug/L			860463	910723	3	Standard
	Ag	**107**	**-0.001**	ug/L	0.000	46	74	67	11	Standard
	Sb	**121**	**0.051**	ug/L	0.003	4	221	884	0	Standard
	Sb	**123**	**0.045**	ug/L	0.002	4	183	645	5	Standard
>	**Tb**	**159**		ug/L			1347498	1400419	2	Standard
	Pb	**208**	**0.014**	ug/L	0.001	9	203	897	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0127-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:39:37
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	54798	2	Standard
	Cl	**37**		ug/L			7814370	9862654	0	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1762292	1	Standard
|	**Cr**	**52**	**22.708**	ug/L	0.463	2	27362	815973	0	Standard
|	**Cr**	**53**	**24.223**	ug/L	0.594	2	688	97340	1	Standard
⌊	**Mn**	**55**	**2517.874**	ug/L	40.821	1	1534	127871006	0	Standard
⌈>	**Ge**	**72**		ug/L			50195	50375	0	KED
|	**Ni**	**60**	**34.412**	ug/L	0.910	2	29	34645	2	KED
|	**Ni**	**62**	**34.346**	ug/L	0.640	1	8	5699	1	KED
|	**Cu**	**63**	**27.522**	ug/L	0.360	1	69	81782	0	KED
|	**Cu**	**65**	**28.239**	ug/L	0.375	1	37	42344	1	KED
|	**Zn**	**66**	**88.275**	ug/L	0.783	0	75	30761	0	KED
|	**Zn**	**67**	**79.865**	ug/L	2.514	3	12	4652	2	KED
|	**As**	**75**	**38.064**	ug/L	0.381	1	7	7140	0	KED
⌊	**Se**	**78**	**73.180**	ug/L	0.285	0	12	1341	1	KED
	Y	**89**		ug/L			785782	822526	3	Standard
	Kr	**83**		ug/L			66	63	6	Standard
⌈>	**In-1**	**115**		ug/L			14213	12951	2	KED
|	**Cd**	**111**	**25.872**	ug/L	1.022	3	4	5867	1	KED
⌊	**Cd**	**114**	**26.078**	ug/L	1.204	4	3	14579	2	KED
⌈>	**In**	**115**		ug/L			860463	900959	2	Standard
|	**Ag**	**107**	**23.339**	ug/L	0.790	3	74	461607	1	Standard
|	**Sb**	**121**	**0.047**	ug/L	0.004	8	221	824	6	Standard
⌊	**Sb**	**123**	**0.047**	ug/L	0.004	8	183	658	2	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1413856	2	Standard
⌊	**Pb**	**208**	**25.667**	ug/L	0.631	2	203	1292465	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBL9
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:46:49
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	28046	1	Standard
	Cl	**37**		ug/L			7814370	7903445	0	Standard
⎡>	**Sc**	**45**		ug/L			1428225	1511538	1	Standard
⎢	**Cr**	**52**	**0.021**	ug/L	0.022	106	27362	29564	0	Standard
⎢	**Cr**	**53**	**-0.061**	ug/L	0.004	6	688	521	4	Standard
⎣	**Mn**	**55**	**0.019**	ug/L	0.002	9	1534	2465	1	Standard
⎡>	**Ge**	**72**		ug/L			50195	50775	1	KED
⎢	**Ni**	**60**	**0.017**	ug/L	0.007	44	29	46	14	KED
⎢	**Ni**	**62**	**0.007**	ug/L	0.011	161	8	9	20	KED
⎢	**Cu**	**63**	**0.005**	ug/L	0.001	11	69	86	3	KED
⎢	**Cu**	**65**	**0.002**	ug/L	0.008	441	37	40	29	KED
⎢	**Zn**	**66**	**-0.025**	ug/L	0.038	152	75	67	21	KED
⎢	**Zn**	**67**	**0.052**	ug/L	0.005	8	12	15	0	KED
⎢	**As**	**75**	**0.003**	ug/L	0.010	321	7	8	21	KED
⎣	**Se**	**78**	**-0.023**	ug/L	0.103	446	12	12	13	KED
	Y	**89**		ug/L			785782	779086	1	Standard
	Kr	**83**		ug/L			66	47	4	Standard
⎡>	**In-1**	**115**		ug/L			14213	13485	0	KED
⎢	**Cd**	**111**	**-0.007**	ug/L	0.002	33	4	2	24	KED
⎣	**Cd**	**114**	**-0.002**	ug/L	0.002	119	3	2	48	KED
⎡>	**In**	**115**		ug/L			860463	919972	1	Standard
⎢	**Ag**	**107**	**-0.001**	ug/L	0.001	94	74	61	27	Standard
⎢	**Sb**	**121**	**-0.015**	ug/L	0.000	2	221	41	11	Standard
⎣	**Sb**	**123**	**-0.016**	ug/L	0.000	0	183	39	3	Standard
⎡>	**Tb**	**159**		ug/L			1347498	1412484	0	Standard
⎣	**Pb**	**208**	**-0.000**	ug/L	0.000	1042	203	211	10	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVA
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 21:54:19
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	27932	2	Standard
	Cl	**37**		ug/L			7814370	8080645	1	Standard
⌈>	**Sc**	**45**		ug/L			1428225	1548083	2	Standard
|	**Cr**	**52**	**49.282**	ug/L	0.744	1	27362	1520897	1	Standard
|	**Cr**	**53**	**50.432**	ug/L	0.478	0	688	177232	1	Standard
⌊	**Mn**	**55**	**51.596**	ug/L	0.413	0	1534	2303674	2	Standard
⌈>	**Ge**	**72**		ug/L			50195	50729	2	KED
|	**Ni**	**60**	**56.345**	ug/L	1.528	2	29	57084	0	KED
|	**Ni**	**62**	**55.200**	ug/L	2.335	4	8	9213	2	KED
|	**Cu**	**63**	**55.875**	ug/L	1.199	2	69	167073	1	KED
|	**Cu**	**65**	**55.574**	ug/L	2.577	4	37	83816	2	KED
|	**Zn**	**66**	**55.673**	ug/L	3.039	5	75	19545	2	KED
|	**Zn**	**67**	**52.071**	ug/L	2.737	5	12	3057	4	KED
|	**As**	**75**	**50.607**	ug/L	1.700	3	7	9551	0	KED
⌊	**Se**	**78**	**48.526**	ug/L	0.675	1	12	899	1	KED
	Y	**89**		ug/L			785782	784940	2	Standard
	Kr	**83**		ug/L			66	76	15	Standard
⌈>	**In-1**	**115**		ug/L			14213	13332	4	KED
|	**Cd**	**111**	**52.673**	ug/L	2.482	4	4	12283	0	KED
⌊	**Cd**	**114**	**53.146**	ug/L	2.201	4	3	30569	1	KED
⌈>	**In**	**115**		ug/L			860463	923868	2	Standard
|	**Ag**	**107**	**46.891**	ug/L	1.745	3	74	950863	2	Standard
|	**Sb**	**121**	**56.404**	ug/L	1.942	3	221	730446	0	Standard
⌊	**Sb**	**123**	**54.607**	ug/L	0.949	1	183	553864	1	Standard
⌈>	**Tb**	**159**		ug/L			1347498	1442412	1	Standard
⌊	**Pb**	**208**	**50.795**	ug/L	0.441	0	203	2610077	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBA
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 22:01:50
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			25273	28552	2	Standard
	Cl	**37**		ug/L			7814370	7983062	0	Standard
⎡>	**Sc**	**45**		ug/L			1428225	1506260	1	Standard
⎢	**Cr**	**52**	**0.003**	ug/L	0.035	1139	27362	28936	2	Standard
⎢	**Cr**	**53**	**-0.089**	ug/L	0.011	12	688	423	7	Standard
⎣	**Mn**	**55**	**0.080**	ug/L	0.063	79	1534	5044	52	Standard
⎡>	**Ge**	**72**		ug/L			50195	50358	1	KED
⎢	**Ni**	**60**	**0.060**	ug/L	0.048	78	29	90	53	KED
⎢	**Ni**	**62**	**0.034**	ug/L	0.006	16	8	13	7	KED
⎢	**Cu**	**63**	**0.064**	ug/L	0.038	59	69	261	44	KED
⎢	**Cu**	**65**	**0.062**	ug/L	0.030	48	37	130	35	KED
⎢	**Zn**	**66**	**0.389**	ug/L	0.036	9	75	210	4	KED
⎢	**Zn**	**67**	**0.360**	ug/L	0.019	5	12	33	3	KED
⎢	**As**	**75**	**0.027**	ug/L	0.032	120	7	12	49	KED
⎣	**Se**	**78**	**-0.093**	ug/L	0.094	101	12	10	16	KED
	Y	**89**		ug/L			785782	782835	2	Standard
	Kr	**83**		ug/L			66	55	5	Standard
⎡>	**In-1**	**115**		ug/L			14213	13074	1	KED
⎢	**Cd**	**111**	**-0.007**	ug/L	0.002	32	4	2	24	KED
⎣	**Cd**	**114**	**0.004**	ug/L	0.006	152	3	5	60	KED
⎡>	**In**	**115**		ug/L			860463	931362	1	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.001	80	74	100	17	Standard
⎢	**Sb**	**121**	**0.032**	ug/L	0.003	8	221	664	6	Standard
⎣	**Sb**	**123**	**0.029**	ug/L	0.003	11	183	493	8	Standard
⎡>	**Tb**	**159**		ug/L			1347498	1392357	2	Standard
⎣	**Pb**	**208**	**0.009**	ug/L	0.000	4	203	649	5	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CAL1
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 22:06:36
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L				27481	0	Standard
	Cl	**37**		ug/L				7985356	0	Standard
⌈>	**Sc**	**45**		ug/L				1508428	1	Standard
|	**Cr**	**52**		ug/L				28874	0	Standard
|	**Cr**	**53**		ug/L				419	1	Standard
⌊	**Mn**	**55**		ug/L				3185	8	Standard
⌈>	**Ge**	**72**		ug/L				49682	1	KED
|	**Ni**	**60**		ug/L				46	6	KED
|	**Ni**	**62**		ug/L				10	10	KED
|	**Cu**	**63**		ug/L				179	13	KED
|	**Cu**	**65**		ug/L				106	6	KED
|	**Zn**	**66**		ug/L				216	9	KED
|	**Zn**	**67**		ug/L				21	28	KED
|	**As**	**75**		ug/L				8	31	KED
⌊	**Se**	**78**		ug/L				10	18	KED
	Y	**89**		ug/L				754131	1	Standard
	Kr	**83**		ug/L				56	15	Standard
⌈>	**In-1**	**115**		ug/L				13075	1	KED
|	**Cd**	**111**		ug/L				2	65	KED
⌊	**Cd**	**114**		ug/L				6	64	KED
⌈>	**In**	**115**		ug/L				916337	1	Standard
|	**Ag**	**107**		ug/L				66	16	Standard
|	**Sb**	**121**		ug/L				241	8	Standard
⌊	**Sb**	**123**		ug/L				179	5	Standard
⌈>	**Tb**	**159**		ug/L				1387135	1	Standard
⌊	**Pb**	**208**		ug/L				594	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVB
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 22:11:22
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	27563	0	Standard
	Cl	**37**		ug/L			7985356	8235251	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1531364	1	Standard
|	**Cr**	**52**	**49.253**	ug/L	0.996	2	28874	1503576	0	Standard
|	**Cr**	**53**	**51.645**	ug/L	1.324	2	419	179235	3	Standard
⌊	**Mn**	**55**	**52.057**	ug/L	0.762	1	3185	2300608	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	50079	1	KED
|	**Ni**	**60**	**56.915**	ug/L	1.716	3	46	56970	3	KED
|	**Ni**	**62**	**55.020**	ug/L	2.174	3	10	9073	3	KED
|	**Cu**	**63**	**55.069**	ug/L	0.365	0	179	162730	1	KED
|	**Cu**	**65**	**55.616**	ug/L	1.054	1	106	82924	1	KED
|	**Zn**	**66**	**55.553**	ug/L	2.306	4	216	19411	3	KED
|	**Zn**	**67**	**53.744**	ug/L	1.766	3	21	3126	3	KED
|	**As**	**75**	**50.618**	ug/L	0.994	1	8	9436	0	KED
⌊	**Se**	**78**	**48.583**	ug/L	0.457	0	10	887	1	KED
	Y	**89**		ug/L			754131	781313	2	Standard
	Kr	**83**		ug/L			56	67	15	Standard
⌈>	**In-1**	**115**		ug/L			13075	13254	1	KED
|	**Cd**	**111**	**52.092**	ug/L	1.395	2	2	12089	1	KED
⌊	**Cd**	**114**	**51.968**	ug/L	1.571	3	6	29752	2	KED
⌈>	**In**	**115**		ug/L			916337	915836	2	Standard
|	**Ag**	**107**	**48.050**	ug/L	0.482	1	66	966511	3	Standard
|	**Sb**	**121**	**56.215**	ug/L	1.028	1	241	721893	1	Standard
⌊	**Sb**	**123**	**53.931**	ug/L	1.286	2	179	542155	0	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1427923	2	Standard
⌊	**Pb**	**208**	**51.434**	ug/L	2.290	4	594	2615006	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBB
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 22:18:53
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	27466	1	Standard
	Cl	**37**		ug/L			7985356	8093372	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1482981	1	Standard
|	**Cr**	**52**	**0.027**	ug/L	0.034	127	28874	29148	1	Standard
|	**Cr**	**53**	**-0.003**	ug/L	0.003	82	419	401	1	Standard
⌊	**Mn**	**55**	**-0.020**	ug/L	0.001	5	3185	2255	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	49793	3	KED
|	**Ni**	**60**	**0.014**	ug/L	0.018	128	46	60	31	KED
|	**Ni**	**62**	**0.007**	ug/L	0.016	218	10	12	24	KED
|	**Cu**	**63**	**0.004**	ug/L	0.004	100	179	191	6	KED
|	**Cu**	**65**	**0.002**	ug/L	0.006	259	106	110	9	KED
|	**Zn**	**66**	**-0.051**	ug/L	0.012	24	216	199	2	KED
|	**Zn**	**67**	**0.176**	ug/L	0.097	55	21	31	18	KED
|	**As**	**75**	**0.004**	ug/L	0.005	127	8	9	7	KED
⌊	**Se**	**78**	**-0.045**	ug/L	0.079	174	10	9	17	KED
	Y	**89**		ug/L			754131	759589	1	Standard
	Kr	**83**		ug/L			56	57	35	Standard
⌈>	**In-1**	**115**		ug/L			13075	12362	8	KED
|	**Cd**	**111**	**0.000**	ug/L	0.009	3191	2	2	89	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.008	10691	6	5	69	KED
⌈>	**In**	**115**		ug/L			916337	882518	0	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.000	9	66	116	4	Standard
|	**Sb**	**121**	**0.037**	ug/L	0.005	13	241	688	8	Standard
⌊	**Sb**	**123**	**0.043**	ug/L	0.001	3	179	585	1	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1360177	2	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	30	594	634	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0062-01
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 22:23:39
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	130994	2	Standard
	Cl	**37**		ug/L			7985356	8054455	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1530825	2	Standard
|	**Cr**	**52**	**0.603**	ug/L	0.044	7	28874	47320	1	Standard
|	**Cr**	**53**	**0.318**	ug/L	0.007	2	419	1526	1	Standard
⌊	**Mn**	**55**	**3.522**	ug/L	0.085	2	3185	158583	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	50350	0	KED
|	**Ni**	**60**	**0.264**	ug/L	0.031	11	46	312	9	KED
|	**Ni**	**62**	**0.340**	ug/L	0.034	9	10	67	9	KED
|	**Cu**	**63**	**8.244**	ug/L	0.204	2	179	24644	1	KED
|	**Cu**	**65**	**8.338**	ug/L	0.330	3	106	12589	3	KED
|	**Zn**	**66**	**241.501**	ug/L	7.731	3	216	84114	2	KED
|	**Zn**	**67**	**221.004**	ug/L	6.035	2	21	12855	1	KED
|	**As**	**75**	**0.108**	ug/L	0.008	7	8	28	4	KED
⌊	**Se**	**78**	**0.076**	ug/L	0.230	301	10	11	33	KED
	Y	**89**		ug/L			754131	795820	2	Standard
	Kr	**83**		ug/L			56	52	7	Standard
⌈>	**In-1**	**115**		ug/L			13075	13580	0	KED
|	**Cd**	**111**	**0.024**	ug/L	0.010	41	2	7	30	KED
⌊	**Cd**	**114**	**0.011**	ug/L	0.003	29	6	12	15	KED
⌈>	**In**	**115**		ug/L			916337	948367	2	Standard
|	**Ag**	**107**	**0.010**	ug/L	0.004	36	66	282	27	Standard
|	**Sb**	**121**	**0.565**	ug/L	0.020	3	241	7755	2	Standard
⌊	**Sb**	**123**	**0.547**	ug/L	0.008	1	179	5883	1	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1426431	1	Standard
⌊	**Pb**	**208**	**0.302**	ug/L	0.003	0	594	15974	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0073-02
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 22:29:29

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	44521	1	Standard
	Cl	**37**		ug/L			7985356	7864372	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1521210	0	Standard
|	**Cr**	**52**	**0.720**	ug/L	0.034	4	28874	50535	1	Standard
|	**Cr**	**53**	**0.727**	ug/L	0.032	4	419	2921	3	Standard
⌊	**Mn**	**55**	**14.440**	ug/L	0.161	1	3185	636333	2	Standard
⌈>	**Ge**	**72**		ug/L			49682	50391	3	KED
|	**Ni**	**60**	**0.530**	ug/L	0.008	1	46	580	1	KED
|	**Ni**	**62**	**0.527**	ug/L	0.049	9	10	98	11	KED
|	**Cu**	**63**	**4.791**	ug/L	0.130	2	179	14407	2	KED
|	**Cu**	**65**	**4.809**	ug/L	0.053	1	106	7314	3	KED
|	**Zn**	**66**	**93.665**	ug/L	4.293	4	216	32763	2	KED
|	**Zn**	**67**	**85.753**	ug/L	4.768	5	21	5000	2	KED
|	**As**	**75**	**0.264**	ug/L	0.017	6	8	57	6	KED
⌊	**Se**	**78**	**0.079**	ug/L	0.217	275	10	12	33	KED
	Y	**89**		ug/L			754131	787360	1	Standard
	Kr	**83**		ug/L			56	48	50	Standard
⌈>	**In-1**	**115**		ug/L			13075	12863	6	KED
|	**Cd**	**111**	**0.047**	ug/L	0.007	15	2	12	8	KED
⌊	**Cd**	**114**	**0.038**	ug/L	0.008	21	6	27	21	KED
⌈>	**In**	**115**		ug/L			916337	901577	1	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.001	22	66	144	13	Standard
|	**Sb**	**121**	**0.264**	ug/L	0.006	2	241	3573	1	Standard
⌊	**Sb**	**123**	**0.269**	ug/L	0.014	5	179	2832	3	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1413215	1	Standard
⌊	**Pb**	**208**	**0.805**	ug/L	0.015	1	594	41133	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0073-05
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 22:34:09
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	44044	3	Standard
	Cl	**37**		ug/L			7985356	7984832	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1533667	1	Standard
|	**Cr**	**52**	**0.836**	ug/L	0.012	1	28874	54419	1	Standard
|	**Cr**	**53**	**0.861**	ug/L	0.041	4	419	3411	3	Standard
⌊	**Mn**	**55**	**8.140**	ug/L	0.105	1	3185	363016	0	Standard
⌈>	**Ge**	**72**		ug/L			49682	50921	2	KED
|	**Ni**	**60**	**0.467**	ug/L	0.017	3	46	522	2	KED
|	**Ni**	**62**	**0.578**	ug/L	0.091	15	10	107	14	KED
|	**Cu**	**63**	**2.770**	ug/L	0.155	5	179	8492	3	KED
|	**Cu**	**65**	**2.705**	ug/L	0.097	3	106	4206	5	KED
|	**Zn**	**66**	**47.087**	ug/L	0.865	1	216	16764	2	KED
|	**Zn**	**67**	**44.254**	ug/L	0.916	2	21	2620	1	KED
|	**As**	**75**	**0.395**	ug/L	0.015	3	8	83	3	KED
⌊	**Se**	**78**	**-0.014**	ug/L	0.039	282	10	10	9	KED
	Y	**89**		ug/L			754131	783063	0	Standard
	Kr	**83**		ug/L			56	54	38	Standard
⌈>	**In-1**	**115**		ug/L			13075	13112	1	KED
|	**Cd**	**111**	**0.059**	ug/L	0.016	26	2	15	22	KED
⌊	**Cd**	**114**	**0.035**	ug/L	0.019	53	6	26	42	KED
⌈>	**In**	**115**		ug/L			916337	941954	2	Standard
|	**Ag**	**107**	**0.020**	ug/L	0.002	11	66	474	13	Standard
|	**Sb**	**121**	**0.288**	ug/L	0.012	4	241	4054	1	Standard
⌊	**Sb**	**123**	**0.292**	ug/L	0.012	4	179	3201	4	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1420734	2	Standard
⌊	**Pb**	**208**	**0.751**	ug/L	0.031	4	594	38583	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0077-01
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 22:39:59
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	41786	2	Standard
	Cl	**37**		ug/L			7985356	7926449	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1513307	1	Standard
|	**Cr**	**52**	**0.780**	ug/L	0.024	3	28874	52025	0	Standard
|	**Cr**	**53**	**0.718**	ug/L	0.030	4	419	2874	1	Standard
⌊	**Mn**	**55**	**2.950**	ug/L	0.096	3	3185	131801	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	50387	2	KED
|	**Ni**	**60**	**0.264**	ug/L	0.026	9	46	312	5	KED
|	**Ni**	**62**	**0.260**	ug/L	0.058	22	10	53	15	KED
|	**Cu**	**63**	**5.700**	ug/L	0.019	0	179	17108	2	KED
|	**Cu**	**65**	**5.575**	ug/L	0.201	3	106	8456	1	KED
|	**Zn**	**66**	**180.773**	ug/L	1.653	0	216	63076	2	KED
|	**Zn**	**67**	**166.211**	ug/L	1.863	1	21	9680	1	KED
|	**As**	**75**	**1.614**	ug/L	0.073	4	8	310	3	KED
⌊	**Se**	**78**	**0.082**	ug/L	0.149	182	10	12	19	KED
	Y	**89**		ug/L			754131	768195	0	Standard
	Kr	**83**		ug/L			56	41	26	Standard
⌈>	**In-1**	**115**		ug/L			13075	13630	1	KED
|	**Cd**	**111**	**0.013**	ug/L	0.013	96	2	5	53	KED
⌊	**Cd**	**114**	**0.018**	ug/L	0.007	39	6	16	23	KED
⌈>	**In**	**115**		ug/L			916337	936399	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	26	66	85	6	Standard
|	**Sb**	**121**	**0.587**	ug/L	0.011	1	241	7959	1	Standard
⌊	**Sb**	**123**	**0.560**	ug/L	0.018	3	179	5941	3	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1415479	2	Standard
⌊	**Pb**	**208**	**0.274**	ug/L	0.014	5	594	14396	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0078-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 22:45:49

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	39664	5	Standard
	Cl	**37**		ug/L			7985356	7961756	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1484122	0	Standard
|	**Cr**	**52**	**0.364**	ug/L	0.013	3	28874	38967	0	Standard
|	**Cr**	**53**	**0.274**	ug/L	0.003	1	419	1332	1	Standard
⌊	**Mn**	**55**	**3.294**	ug/L	0.074	2	3185	144029	2	Standard
⌈>	**Ge**	**72**		ug/L			49682	50239	2	KED
|	**Ni**	**60**	**0.194**	ug/L	0.028	14	46	240	9	KED
|	**Ni**	**62**	**0.157**	ug/L	0.016	10	10	36	5	KED
|	**Cu**	**63**	**1.996**	ug/L	0.079	3	179	6088	3	KED
|	**Cu**	**65**	**1.989**	ug/L	0.028	1	106	3079	2	KED
|	**Zn**	**66**	**51.863**	ug/L	0.301	0	216	18197	1	KED
|	**Zn**	**67**	**46.756**	ug/L	0.758	1	21	2731	2	KED
|	**As**	**75**	**0.074**	ug/L	0.011	14	8	22	8	KED
⌊	**Se**	**78**	**0.040**	ug/L	0.080	200	10	11	12	KED
	Y	**89**		ug/L			754131	776365	2	Standard
	Kr	**83**		ug/L			56	45	25	Standard
⌈>	**In-1**	**115**		ug/L			13075	13534	6	KED
|	**Cd**	**111**	**0.019**	ug/L	0.021	114	2	6	71	KED
⌊	**Cd**	**114**	**0.026**	ug/L	0.019	72	6	20	46	KED
⌈>	**In**	**115**		ug/L			916337	894696	0	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.001	54	66	98	19	Standard
|	**Sb**	**121**	**0.140**	ug/L	0.009	6	241	1989	5	Standard
⌊	**Sb**	**123**	**0.134**	ug/L	0.004	3	179	1486	2	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1403984	2	Standard
⌊	**Pb**	**208**	**0.315**	ug/L	0.015	4	594	16347	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0078-02
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 22:50:34
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	50401	1	Standard
	Cl	**37**		ug/L			7985356	8044418	3	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1532488	1	Standard
|	**Cr**	**52**	**0.362**	ug/L	0.026	7	28874	40179	2	Standard
|	**Cr**	**53**	**0.385**	ug/L	0.021	5	419	1760	2	Standard
⌊	**Mn**	**55**	**26.773**	ug/L	0.699	2	3185	1185440	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	49550	5	KED
|	**Ni**	**60**	**0.617**	ug/L	0.091	14	46	653	9	KED
|	**Ni**	**62**	**0.751**	ug/L	0.105	13	10	132	9	KED
|	**Cu**	**63**	**1.901**	ug/L	0.044	2	179	5727	3	KED
|	**Cu**	**65**	**2.004**	ug/L	0.199	9	106	3049	4	KED
|	**Zn**	**66**	**7.529**	ug/L	0.653	8	216	2782	3	KED
|	**Zn**	**67**	**12.048**	ug/L	0.943	7	21	708	4	KED
|	**As**	**75**	**0.680**	ug/L	0.050	7	8	133	2	KED
⌊	**Se**	**78**	**0.112**	ug/L	0.124	111	10	12	15	KED
	Y	**89**		ug/L			754131	789420	1	Standard
	Kr	**83**		ug/L			56	61	6	Standard
⌈>	**In-1**	**115**		ug/L			13075	12687	2	KED
|	**Cd**	**111**	**0.015**	ug/L	0.007	45	2	5	26	KED
⌊	**Cd**	**114**	**0.009**	ug/L	0.007	78	6	10	34	KED
⌈>	**In**	**115**		ug/L			916337	925776	3	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	52	66	83	8	Standard
|	**Sb**	**121**	**0.208**	ug/L	0.009	4	241	2943	1	Standard
⌊	**Sb**	**123**	**0.193**	ug/L	0.006	3	179	2139	0	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1440128	1	Standard
⌊	**Pb**	**208**	**0.185**	ug/L	0.004	2	594	10092	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0078-03
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Monday, March 09, 2020 22:55:14
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	38919	1	Standard
	Cl	**37**		ug/L			7985356	8004949	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1508703	1	Standard
|	**Cr**	**52**	**0.263**	ug/L	0.044	16	28874	36631	2	Standard
|	**Cr**	**53**	**0.213**	ug/L	0.004	2	419	1146	0	Standard
⌊	**Mn**	**55**	**2.136**	ug/L	0.041	1	3185	96035	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	49637	1	KED
|	**Ni**	**60**	**0.177**	ug/L	0.025	13	46	221	10	KED
|	**Ni**	**62**	**0.206**	ug/L	0.046	22	10	44	17	KED
|	**Cu**	**63**	**1.810**	ug/L	0.044	2	179	5474	0	KED
|	**Cu**	**65**	**1.704**	ug/L	0.061	3	106	2621	3	KED
|	**Zn**	**66**	**58.324**	ug/L	2.166	3	216	20187	2	KED
|	**Zn**	**67**	**54.689**	ug/L	1.944	3	21	3152	2	KED
|	**As**	**75**	**0.041**	ug/L	0.005	12	8	16	4	KED
⌊	**Se**	**78**	**0.174**	ug/L	0.159	91	10	13	19	KED
	Y	**89**		ug/L			754131	784040	2	Standard
	Kr	**83**		ug/L			56	50	30	Standard
⌈>	**In-1**	**115**		ug/L			13075	12912	1	KED
|	**Cd**	**111**	**0.034**	ug/L	0.021	61	2	9	48	KED
⌊	**Cd**	**114**	**0.004**	ug/L	0.007	186	6	8	47	KED
⌈>	**In**	**115**		ug/L			916337	911428	3	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	36	66	87	5	Standard
|	**Sb**	**121**	**0.144**	ug/L	0.008	5	241	2082	1	Standard
⌊	**Sb**	**123**	**0.140**	ug/L	0.004	3	179	1577	5	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1404335	0	Standard
⌊	**Pb**	**208**	**0.288**	ug/L	0.007	2	594	15032	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0043-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:01:04
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	55759	0	Standard
	Cl	**37**		ug/L			7985356	7867487	3	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1512985	1	Standard
|	**Cr**	**52**	**2.269**	ug/L	0.152	6	28874	96049	3	Standard
|	**Cr**	**53**	**2.359**	ug/L	0.042	1	419	8490	0	Standard
⌊	**Mn**	**55**	**4.569**	ug/L	0.094	2	3185	202405	0	Standard
⌈>	**Ge**	**72**		ug/L			49682	46967	1	KED
|	**Ni**	**60**	**3.450**	ug/L	0.121	3	46	3281	5	KED
|	**Ni**	**62**	**3.669**	ug/L	0.105	2	10	577	3	KED
|	**Cu**	**63**	**42.530**	ug/L	1.059	2	179	117863	0	KED
|	**Cu**	**65**	**43.166**	ug/L	0.734	1	106	60378	0	KED
|	**Zn**	**66**	**20.846**	ug/L	0.756	3	216	6960	3	KED
|	**Zn**	**67**	**18.816**	ug/L	0.533	2	21	1039	1	KED
|	**As**	**75**	**0.055**	ug/L	0.018	32	8	17	16	KED
⌊	**Se**	**78**	**0.157**	ug/L	0.129	82	10	12	17	KED
	Y	**89**		ug/L			754131	759126	3	Standard
	Kr	**83**		ug/L			56	69	23	Standard
⌈>	**In-1**	**115**		ug/L			13075	12282	0	KED
|	**Cd**	**111**	**0.021**	ug/L	0.012	55	2	6	37	KED
⌊	**Cd**	**114**	**0.024**	ug/L	0.007	30	6	18	21	KED
⌈>	**In**	**115**		ug/L			916337	876938	2	Standard
|	**Ag**	**107**	**0.008**	ug/L	0.001	12	66	217	10	Standard
|	**Sb**	**121**	**0.045**	ug/L	0.007	14	241	779	10	Standard
⌊	**Sb**	**123**	**0.045**	ug/L	0.002	4	179	609	4	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1401132	0	Standard
⌊	**Pb**	**208**	**0.196**	ug/L	0.005	2	594	10363	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0079-01
Sample Dil Factor: 2
Comments:
Sample Date/Time: Monday, March 09, 2020 23:06:54

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	37614	1	Standard
	Cl	**37**		ug/L			7985356	7985908	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1537522	1	Standard
|	**Cr**	**52**	**1.732**	ug/L	0.044	2	28874	81485	1	Standard
|	**Cr**	**53**	**1.689**	ug/L	0.021	1	419	6296	0	Standard
⌊	**Mn**	**55**	**14.641**	ug/L	0.263	1	3185	651981	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	49965	1	KED
|	**Ni**	**60**	**0.768**	ug/L	0.038	4	46	813	5	KED
|	**Ni**	**62**	**0.761**	ug/L	0.022	2	10	135	3	KED
|	**Cu**	**63**	**4.082**	ug/L	0.176	4	179	12196	3	KED
|	**Cu**	**65**	**4.179**	ug/L	0.076	1	106	6315	1	KED
|	**Zn**	**66**	**152.323**	ug/L	3.783	2	216	52728	1	KED
|	**Zn**	**67**	**136.720**	ug/L	2.910	2	21	7902	3	KED
|	**As**	**75**	**0.276**	ug/L	0.003	1	8	59	1	KED
⌊	**Se**	**78**	**0.078**	ug/L	0.208	267	10	11	31	KED
	Y	**89**		ug/L			754131	812561	0	Standard
	Kr	**83**		ug/L			56	52	20	Standard
⌈>	**In-1**	**115**		ug/L			13075	13233	4	KED
|	**Cd**	**111**	**0.045**	ug/L	0.007	16	2	12	17	KED
⌊	**Cd**	**114**	**0.057**	ug/L	0.014	25	6	38	17	KED
⌈>	**In**	**115**		ug/L			916337	947378	1	Standard
|	**Ag**	**107**	**0.027**	ug/L	0.002	6	66	628	5	Standard
|	**Sb**	**121**	**0.138**	ug/L	0.005	3	241	2082	2	Standard
⌊	**Sb**	**123**	**0.130**	ug/L	0.006	4	179	1535	4	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1446384	1	Standard
⌊	**Pb**	**208**	**5.921**	ug/L	0.273	4	594	305537	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLA
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:14:25
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	26709	1	Standard
	Cl	**37**		ug/L			7985356	8335990	0	Standard
⎡>	**Sc**	**45**		ug/L			1508428	1522106	0	Standard
⎢	**Cr**	**52**	**-0.013**	ug/L	0.020	156	28874	28761	1	Standard
⎢	**Cr**	**53**	**-0.023**	ug/L	0.010	42	419	344	10	Standard
⎣	**Mn**	**55**	**-0.032**	ug/L	0.001	3	3185	1829	2	Standard
⎡>	**Ge**	**72**		ug/L			49682	50800	1	KED
⎢	**Ni**	**60**	**-0.012**	ug/L	0.004	29	46	34	11	KED
⎢	**Ni**	**62**	**-0.005**	ug/L	0.018	354	10	10	28	KED
⎢	**Cu**	**63**	**-0.036**	ug/L	0.003	9	179	76	13	KED
⎢	**Cu**	**65**	**-0.049**	ug/L	0.009	18	106	34	38	KED
⎢	**Zn**	**66**	**-0.443**	ug/L	0.019	4	216	66	9	KED
⎢	**Zn**	**67**	**-0.203**	ug/L	0.084	41	21	10	47	KED
⎢	**As**	**75**	**0.007**	ug/L	0.022	327	8	9	41	KED
⎣	**Se**	**78**	**-0.036**	ug/L	0.047	133	10	10	9	KED
	Y	**89**		ug/L			754131	792209	4	Standard
	Kr	**83**		ug/L			56	48	8	Standard
⎡>	**In-1**	**115**		ug/L			13075	13387	0	KED
⎢	**Cd**	**111**	**-0.003**	ug/L	0.002	79	2	1	34	KED
⎣	**Cd**	**114**	**-0.003**	ug/L	0.005	152	6	4	67	KED
⎡>	**In**	**115**		ug/L			916337	913418	2	Standard
⎢	**Ag**	**107**	**0.000**	ug/L	0.000	497	66	66	4	Standard
⎢	**Sb**	**121**	**-0.015**	ug/L	0.000	2	241	50	7	Standard
⎣	**Sb**	**123**	**-0.013**	ug/L	0.000	1	179	48	6	Standard
⎡>	**Tb**	**159**		ug/L			1387135	1396156	2	Standard
⎣	**Pb**	**208**	**-0.008**	ug/L	0.000	6	594	219	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVC
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:21:56
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	26694	0	Standard
	Cl	37		ug/L			7985356	8238082	2	Standard
>	Sc	45		ug/L			1508428	1521784	1	Standard
	Cr	52	49.750	ug/L	0.322	0	28874	1509149	0	Standard
	Cr	53	51.666	ug/L	1.382	2	419	178140	1	Standard
	Mn	55	53.038	ug/L	1.502	2	3185	2329089	2	Standard
>	Ge	72		ug/L			49682	50288	2	KED
	Ni	60	54.487	ug/L	2.352	4	46	54733	2	KED
	Ni	62	54.352	ug/L	1.067	1	10	9001	2	KED
	Cu	63	55.180	ug/L	1.998	3	179	163719	4	KED
	Cu	65	55.273	ug/L	1.187	2	106	82750	1	KED
	Zn	66	53.609	ug/L	0.721	1	216	18821	2	KED
	Zn	67	53.822	ug/L	2.239	4	21	3141	1	KED
	As	75	49.498	ug/L	0.766	1	8	9266	0	KED
	Se	78	48.435	ug/L	0.394	0	10	888	1	KED
	Y	89		ug/L			754131	792163	1	Standard
	Kr	83		ug/L			56	76	5	Standard
>	In-1	115		ug/L			13075	12044	9	KED
	Cd	111	57.102	ug/L	7.650	13	2	11941	4	KED
	Cd	114	56.433	ug/L	6.906	12	6	29127	2	KED
>	In	115		ug/L			916337	924756	1	Standard
	Ag	107	47.225	ug/L	0.249	0	66	959112	1	Standard
	Sb	121	54.156	ug/L	1.216	2	241	702396	1	Standard
	Sb	123	53.392	ug/L	2.530	4	179	542029	3	Standard
>	Tb	159		ug/L			1387135	1392455	1	Standard
	Pb	208	52.255	ug/L	1.027	1	594	2592183	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBC
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:29:26
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	26071	1	Standard
	Cl	**37**		ug/L			7985356	8038599	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1507291	2	Standard
|	**Cr**	**52**	**0.007**	ug/L	0.017	244	28874	29045	1	Standard
|	**Cr**	**53**	**-0.025**	ug/L	0.006	23	419	333	4	Standard
⌊	**Mn**	**55**	**-0.016**	ug/L	0.001	4	3185	2469	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	49773	0	KED
|	**Ni**	**60**	**-0.006**	ug/L	0.004	56	46	40	8	KED
|	**Ni**	**62**	**-0.043**	ug/L	0.020	47	10	3	86	KED
|	**Cu**	**63**	**0.006**	ug/L	0.009	147	179	197	13	KED
|	**Cu**	**65**	**0.003**	ug/L	0.009	324	106	111	12	KED
|	**Zn**	**66**	**0.019**	ug/L	0.120	631	216	223	18	KED
|	**Zn**	**67**	**0.166**	ug/L	0.152	91	21	31	27	KED
|	**As**	**75**	**-0.009**	ug/L	0.008	86	8	6	21	KED
⌊	**Se**	**78**	**0.287**	ug/L	0.104	36	10	15	10	KED
	Y	**89**		ug/L			754131	812123	3	Standard
	Kr	**83**		ug/L			56	66	15	Standard
⌈>	**In-1**	**115**		ug/L			13075	13429	2	KED
|	**Cd**	**111**	**0.004**	ug/L	0.002	61	2	3	17	KED
⌊	**Cd**	**114**	**-0.008**	ug/L	0.003	40	6	1	109	KED
⌈>	**In**	**115**		ug/L			916337	920633	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	13	66	92	2	Standard
|	**Sb**	**121**	**0.039**	ug/L	0.003	6	241	741	5	Standard
⌊	**Sb**	**123**	**0.037**	ug/L	0.004	11	179	553	6	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1395277	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.001	95	594	628	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0080-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:34:13
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	44227	1	Standard
	Cl	**37**		ug/L			7985356	9461792	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1712696	0	Standard
|	**Cr**	**52**	**0.096**	ug/L	0.018	18	28874	35997	0	Standard
|	**Cr**	**53**	**1.064**	ug/L	0.014	1	419	4595	1	Standard
⌊	**Mn**	**55**	**2317.789**	ug/L	66.245	2	3185	114394354	2	Standard
⌈>	**Ge**	**72**		ug/L			49682	49523	1	KED
|	**Ni**	**60**	**2.883**	ug/L	0.101	3	46	2898	4	KED
|	**Ni**	**62**	**2.893**	ug/L	0.116	3	10	481	2	KED
|	**Cu**	**63**	**4.773**	ug/L	0.052	1	179	14110	0	KED
|	**Cu**	**65**	**4.680**	ug/L	0.084	1	106	6998	1	KED
|	**Zn**	**66**	**107.399**	ug/L	2.467	2	216	36913	1	KED
|	**Zn**	**67**	**99.155**	ug/L	2.654	2	21	5684	1	KED
|	**As**	**75**	**4.363**	ug/L	0.144	3	8	812	4	KED
⌊	**Se**	**78**	**0.012**	ug/L	0.080	675	10	10	13	KED
	Y	**89**		ug/L			754131	848366	0	Standard
	Kr	**83**		ug/L			56	69	3	Standard
⌈>	**In-1**	**115**		ug/L			13075	13104	2	KED
|	**Cd**	**111**	**0.034**	ug/L	0.008	22	2	10	19	KED
⌊	**Cd**	**114**	**0.018**	ug/L	0.008	47	6	16	31	KED
⌈>	**In**	**115**		ug/L			916337	925301	4	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	17	66	135	7	Standard
|	**Sb**	**121**	**0.088**	ug/L	0.007	7	241	1385	2	Standard
⌊	**Sb**	**123**	**0.088**	ug/L	0.006	6	179	1073	3	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1443647	0	Standard
⌊	**Pb**	**208**	**1.256**	ug/L	0.045	3	594	65206	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0081-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:40:03
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	52002	0	Standard
	Cl	37		ug/L			7985356	16369451	2	Standard
>	Sc	45		ug/L			1508428	1626160	1	Standard
	Cr	52	309.669	ug/L	3.155	1	28874	9875171	1	Standard
	Cr	53	298.176	ug/L	3.139	1	419	1096638	1	Standard
	Mn	55	10.362	ug/L	0.160	1	3185	489008	0	Standard
>	Ge	72		ug/L			49682	47469	1	KED
	Ni	60	58.200	ug/L	1.478	2	46	55202	0	KED
	Ni	62	58.104	ug/L	1.701	2	10	9081	2	KED
	Cu	63	113.669	ug/L	1.726	1	179	318166	1	KED
	Cu	65	113.488	ug/L	1.903	1	106	160320	2	KED
	Zn	66	47.372	ug/L	1.986	4	216	15718	2	KED
	Zn	67	42.704	ug/L	0.470	1	21	2358	2	KED
	As	75	0.354	ug/L	0.047	13	8	70	10	KED
	Se	78	0.297	ug/L	0.081	27	10	15	8	KED
	Y	89		ug/L			754131	802385	2	Standard
	Kr	83		ug/L			56	120	5	Standard
>	In-1	115		ug/L			13075	12675	4	KED
	Cd	111	0.757	ug/L	0.041	5	2	170	9	KED
	Cd	114	0.760	ug/L	0.047	6	6	421	2	KED
>	In	115		ug/L			916337	898191	3	Standard
	Ag	107	0.032	ug/L	0.001	2	66	686	1	Standard
	Sb	121	0.767	ug/L	0.027	3	241	9884	0	Standard
	Sb	123	0.771	ug/L	0.017	2	179	7771	1	Standard
>	Tb	159		ug/L			1387135	1419585	1	Standard
	Pb	208	1.078	ug/L	0.020	1	594	55133	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0082-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:45:53
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	52501	0	Standard
	Cl	**37**		ug/L			7985356	8935415	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1704268	2	Standard
|	**Cr**	**52**	**0.329**	ug/L	0.028	8	28874	43594	3	Standard
|	**Cr**	**53**	**1.115**	ug/L	0.030	2	419	4768	0	Standard
⌊	**Mn**	**55**	**105.665**	ug/L	2.861	2	3185	5191778	0	Standard
⌈>	**Ge**	**72**		ug/L			49682	46839	0	KED
|	**Ni**	**60**	**4.373**	ug/L	0.058	1	46	4133	0	KED
|	**Ni**	**62**	**4.522**	ug/L	0.312	6	10	706	6	KED
|	**Cu**	**63**	**2.171**	ug/L	0.041	1	179	6162	1	KED
|	**Cu**	**65**	**2.181**	ug/L	0.076	3	106	3137	2	KED
|	**Zn**	**66**	**1.407**	ug/L	0.028	1	216	659	2	KED
|	**Zn**	**67**	**2.562**	ug/L	0.188	7	21	158	5	KED
|	**As**	**75**	**2.901**	ug/L	0.043	1	8	513	1	KED
⌊	**Se**	**78**	**0.456**	ug/L	0.178	38	10	17	18	KED
	Y	**89**		ug/L			754131	788194	2	Standard
	Kr	**83**		ug/L			56	76	4	Standard
⌈>	**In-1**	**115**		ug/L			13075	12508	1	KED
|	**Cd**	**111**	**0.016**	ug/L	0.015	94	2	5	60	KED
⌊	**Cd**	**114**	**0.011**	ug/L	0.008	71	6	11	35	KED
⌈>	**In**	**115**		ug/L			916337	852795	5	Standard
|	**Ag**	**107**	**0.002**	ug/L	0.000	20	66	92	3	Standard
|	**Sb**	**121**	**0.084**	ug/L	0.005	6	241	1228	3	Standard
⌊	**Sb**	**123**	**0.079**	ug/L	0.004	4	179	907	6	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1372222	0	Standard
⌊	**Pb**	**208**	**0.032**	ug/L	0.001	4	594	2144	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0100-01
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:51:43

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	39968	1	Standard
	Cl	**37**		ug/L			7985356	7915931	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1517090	2	Standard
|	**Cr**	**52**	**0.496**	ug/L	0.040	8	28874	43735	0	Standard
|	**Cr**	**53**	**0.495**	ug/L	0.032	6	419	2116	2	Standard
⌊	**Mn**	**55**	**3.476**	ug/L	0.169	4	3185	155045	2	Standard
⌈>	**Ge**	**72**		ug/L			49682	49779	1	KED
|	**Ni**	**60**	**0.632**	ug/L	0.004	0	46	674	1	KED
|	**Ni**	**62**	**0.582**	ug/L	0.035	5	10	106	4	KED
|	**Cu**	**63**	**3.075**	ug/L	0.134	4	179	9197	3	KED
|	**Cu**	**65**	**3.128**	ug/L	0.070	2	106	4736	1	KED
|	**Zn**	**66**	**19.288**	ug/L	0.669	3	216	6840	1	KED
|	**Zn**	**67**	**16.941**	ug/L	1.234	7	21	993	5	KED
|	**As**	**75**	**0.557**	ug/L	0.057	10	8	111	9	KED
⌊	**Se**	**78**	**0.188**	ug/L	0.171	90	10	13	22	KED
	Y	**89**		ug/L			754131	787587	3	Standard
	Kr	**83**		ug/L			56	63	21	Standard
⌈>	**In-1**	**115**		ug/L			13075	13463	2	KED
|	**Cd**	**111**	**0.017**	ug/L	0.016	91	2	6	60	KED
⌊	**Cd**	**114**	**0.008**	ug/L	0.011	139	6	11	59	KED
⌈>	**In**	**115**		ug/L			916337	892381	4	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.001	24	66	140	16	Standard
|	**Sb**	**121**	**0.269**	ug/L	0.011	4	241	3592	2	Standard
⌊	**Sb**	**123**	**0.263**	ug/L	0.015	5	179	2747	1	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1392752	0	Standard
⌊	**Pb**	**208**	**0.558**	ug/L	0.003	0	594	28275	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0089-03
Sample Dil Factor:
Comments:
Sample Date/Time: Monday, March 09, 2020 23:57:33
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	52870	1	Standard
	Cl	37		ug/L			7985356	8000702	1	Standard
>	Sc	45		ug/L			1508428	1525392	1	Standard
	Cr	52	24.639	ug/L	0.321	1	28874	763885	0	Standard
	Cr	53	24.862	ug/L	0.407	1	419	86152	0	Standard
	Mn	55	27.230	ug/L	0.756	2	3185	1200118	1	Standard
>	Ge	72		ug/L			49682	44556	2	KED
	Ni	60	8.291	ug/L	0.130	1	46	7419	3	KED
	Ni	62	8.346	ug/L	0.598	7	10	1231	5	KED
	Cu	63	29.241	ug/L	1.133	3	179	76896	1	KED
	Cu	65	28.711	ug/L	0.789	2	106	38119	0	KED
	Zn	66	8.872	ug/L	0.295	3	216	2920	0	KED
	Zn	67	8.828	ug/L	0.213	2	21	473	3	KED
	As	75	0.075	ug/L	0.008	11	8	20	4	KED
	Se	78	0.381	ug/L	0.154	40	10	15	18	KED
	Y	89		ug/L			754131	741634	3	Standard
	Kr	83		ug/L			56	69	4	Standard
>	In-1	115		ug/L			13075	11768	2	KED
	Cd	111	0.044	ug/L	0.006	12	2	11	9	KED
	Cd	114	0.040	ug/L	0.006	14	6	25	10	KED
>	In	115		ug/L			916337	848674	4	Standard
	Ag	107	0.001	ug/L	0.001	55	66	78	14	Standard
	Sb	121	0.720	ug/L	0.033	4	241	8778	0	Standard
	Sb	123	0.721	ug/L	0.057	7	179	6865	3	Standard
>	Tb	159		ug/L			1387135	1411966	1	Standard
	Pb	208	0.194	ug/L	0.005	2	594	10342	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0089-02
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:02:19
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	50428	1	Standard
	Cl	37		ug/L			7985356	7833595	1	Standard
>	Sc	45		ug/L			1508428	1482438	3	Standard
	Cr	52	20.025	ug/L	0.737	3	28874	608312	0	Standard
	Cr	53	20.949	ug/L	0.702	3	419	70579	1	Standard
	Mn	55	26.120	ug/L	0.388	1	3185	1118803	1	Standard
>	Ge	72		ug/L			49682	44539	1	KED
	Ni	60	6.696	ug/L	0.103	1	46	5996	1	KED
	Ni	62	6.258	ug/L	0.358	5	10	927	7	KED
	Cu	63	25.115	ug/L	0.417	1	179	66076	0	KED
	Cu	65	25.638	ug/L	0.159	0	106	34053	1	KED
	Zn	66	6.216	ug/L	0.227	3	216	2104	3	KED
	Zn	67	5.972	ug/L	0.592	9	21	326	10	KED
	As	75	0.055	ug/L	0.022	40	8	16	20	KED
	Se	78	0.297	ug/L	0.098	32	10	14	12	KED
	Y	89		ug/L			754131	728802	1	Standard
	Kr	83		ug/L			56	64	24	Standard
>	In-1	115		ug/L			13075	11089	3	KED
	Cd	111	0.028	ug/L	0.020	72	2	7	54	KED
	Cd	114	0.019	ug/L	0.011	59	6	14	39	KED
>	In	115		ug/L			916337	855326	0	Standard
	Ag	107	-0.000	ug/L	0.001	1700	66	60	19	Standard
	Sb	121	0.754	ug/L	0.012	1	241	9267	1	Standard
	Sb	123	0.738	ug/L	0.007	0	179	7096	1	Standard
>	Tb	159		ug/L			1387135	1397665	0	Standard
	Pb	208	0.174	ug/L	0.002	1	594	9250	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0089-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:07:05
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	51002	2	Standard
	Cl	37		ug/L			7985356	7860012	1	Standard
⌈>	Sc	45		ug/L			1508428	1434800	1	Standard
|	Cr	52	18.918	ug/L	0.129	0	28874	558064	0	Standard
|	Cr	53	19.506	ug/L	0.056	0	419	63668	1	Standard
⌊	Mn	55	27.479	ug/L	0.287	1	3185	1139450	2	Standard
⌈>	Ge	72		ug/L			49682	43870	1	KED
|	Ni	60	3.823	ug/L	0.050	1	46	3390	2	KED
|	Ni	62	3.741	ug/L	0.191	5	10	549	4	KED
|	Cu	63	12.541	ug/L	0.284	2	179	32583	2	KED
|	Cu	65	12.493	ug/L	0.129	1	106	16391	0	KED
|	Zn	66	3.289	ug/L	0.209	6	216	1186	4	KED
|	Zn	67	3.170	ug/L	0.507	15	21	179	15	KED
|	As	75	0.082	ug/L	0.011	13	8	20	9	KED
⌊	Se	78	0.370	ug/L	0.169	45	10	15	16	KED
	Y	89		ug/L			754131	701072	1	Standard
	Kr	83		ug/L			56	60	5	Standard
⌈>	In-1	115		ug/L			13075	10986	3	KED
|	Cd	111	0.035	ug/L	0.009	25	2	8	22	KED
⌊	Cd	114	0.012	ug/L	0.003	26	6	11	16	KED
⌈>	In	115		ug/L			916337	853517	2	Standard
|	Ag	107	0.000	ug/L	0.000	116	66	65	8	Standard
|	Sb	121	0.712	ug/L	0.010	1	241	8749	1	Standard
⌊	Sb	123	0.705	ug/L	0.028	3	179	6763	1	Standard
⌈>	Tb	159		ug/L			1387135	1404161	2	Standard
⌊	Pb	208	0.051	ug/L	0.000	0	594	3166	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0149-DUP1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:11:59
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	49573	1	Standard
	Cl	37		ug/L			7985356	7704528	0	Standard
⌈>	Sc	45		ug/L			1508428	1421539	2	Standard
|	Cr	52	19.387	ug/L	0.743	3	28874	565711	1	Standard
|	Cr	53	19.899	ug/L	0.529	2	419	64321	0	Standard
⌊	Mn	55	27.988	ug/L	1.266	4	3185	1148966	2	Standard
⌈>	Ge	72		ug/L			49682	42930	0	KED
|	Ni	60	4.755	ug/L	0.087	1	46	4116	1	KED
|	Ni	62	4.933	ug/L	0.228	4	10	706	5	KED
|	Cu	63	12.881	ug/L	0.308	2	179	32743	1	KED
|	Cu	65	12.690	ug/L	0.166	1	106	16292	0	KED
|	Zn	66	3.688	ug/L	0.183	4	216	1279	3	KED
|	Zn	67	3.943	ug/L	0.680	17	21	213	15	KED
|	As	75	0.072	ug/L	0.011	16	8	18	10	KED
⌊	Se	78	0.203	ug/L	0.211	103	10	12	27	KED
	Y	89		ug/L			754131	697168	2	Standard
	Kr	83		ug/L			56	71	5	Standard
⌈>	In-1	115		ug/L			13075	10960	0	KED
|	Cd	111	0.022	ug/L	0.006	26	2	6	18	KED
⌊	Cd	114	0.015	ug/L	0.008	54	6	12	32	KED
⌈>	In	115		ug/L			916337	842167	2	Standard
|	Ag	107	0.000	ug/L	0.000	98	66	69	9	Standard
|	Sb	121	0.747	ug/L	0.022	2	241	9041	0	Standard
⌊	Sb	123	0.728	ug/L	0.049	6	179	6891	4	Standard
⌈>	Tb	159		ug/L			1387135	1397141	2	Standard
⌊	Pb	208	0.051	ug/L	0.002	4	594	3134	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0149-MS1
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:17:39
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	42049	2	Standard
	Cl	37		ug/L			7985356	7464840	1	Standard
⌈>	Sc	45		ug/L			1508428	1416023	2	Standard
|	Cr	52	41.501	ug/L	0.997	2	28874	1175604	0	Standard
|	Cr	53	43.152	ug/L	0.923	2	419	138498	1	Standard
⌊	Mn	55	50.026	ug/L	3.551	7	3185	2043904	6	Standard
⌈>	Ge	72		ug/L			49682	42456	1	KED
|	Ni	60	32.089	ug/L	0.344	1	46	27245	1	KED
|	Ni	62	32.698	ug/L	0.644	1	10	4576	3	KED
|	Cu	63	39.479	ug/L	0.803	2	179	98922	0	KED
|	Cu	65	40.063	ug/L	0.357	0	106	50671	1	KED
|	Zn	66	79.306	ug/L	1.259	1	216	23417	1	KED
|	Zn	67	74.812	ug/L	1.295	1	21	3681	1	KED
|	As	75	24.844	ug/L	0.370	1	8	3930	0	KED
⌊	Se	78	72.599	ug/L	1.882	2	10	1119	2	KED
	Y	89		ug/L			754131	704674	0	Standard
	Kr	83		ug/L			56	88	14	Standard
⌈>	In-1	115		ug/L			13075	10782	0	KED
|	Cd	111	23.658	ug/L	0.414	1	2	4468	1	KED
⌊	Cd	114	23.725	ug/L	0.339	1	6	11051	0	KED
⌈>	In	115		ug/L			916337	852392	2	Standard
|	Ag	107	20.047	ug/L	0.869	4	66	375032	1	Standard
|	Sb	121	0.720	ug/L	0.006	0	241	8829	2	Standard
⌊	Sb	123	0.726	ug/L	0.015	2	179	6961	1	Standard
⌈>	Tb	159		ug/L			1387135	1383779	1	Standard
⌊	Pb	208	23.895	ug/L	0.231	0	594	1178400	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLB
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:24:50
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	27691	2	Standard
	Cl	**37**		ug/L			7985356	8178284	2	Standard
⎡>	**Sc**	**45**		ug/L			1508428	1518882	1	Standard
⎢	**Cr**	**52**	**0.058**	ug/L	0.029	49	28874	30790	2	Standard
⎢	**Cr**	**53**	**-0.024**	ug/L	0.001	2	419	339	2	Standard
⎣	**Mn**	**55**	**-0.028**	ug/L	0.001	4	3185	1977	1	Standard
⎡>	**Ge**	**72**		ug/L			49682	51694	1	KED
⎢	**Ni**	**60**	**-0.013**	ug/L	0.007	54	46	34	20	KED
⎢	**Ni**	**62**	**0.046**	ug/L	0.023	50	10	19	20	KED
⎢	**Cu**	**63**	**-0.028**	ug/L	0.003	11	179	102	9	KED
⎢	**Cu**	**65**	**-0.034**	ug/L	0.004	11	106	58	11	KED
⎢	**Zn**	**66**	**-0.466**	ug/L	0.017	3	216	59	9	KED
⎢	**Zn**	**67**	**-0.174**	ug/L	0.052	29	21	12	24	KED
⎢	**As**	**75**	**-0.003**	ug/L	0.017	518	8	8	38	KED
⎣	**Se**	**78**	**0.148**	ug/L	0.075	50	10	13	10	KED
	Y	**89**		ug/L			754131	745650	2	Standard
	Kr	**83**		ug/L			56	48	32	Standard
⎡>	**In-1**	**115**		ug/L			13075	12863	1	KED
⎢	**Cd**	**111**	**0.000**	ug/L	0.005	2476	2	2	49	KED
⎣	**Cd**	**114**	**-0.003**	ug/L	0.005	168	6	4	66	KED
⎡>	**In**	**115**		ug/L			916337	926217	2	Standard
⎢	**Ag**	**107**	**0.001**	ug/L	0.000	44	66	88	10	Standard
⎢	**Sb**	**121**	**-0.015**	ug/L	0.002	10	241	50	38	Standard
⎣	**Sb**	**123**	**-0.014**	ug/L	0.001	5	179	36	21	Standard
⎡>	**Tb**	**159**		ug/L			1387135	1454326	1	Standard
⎣	**Pb**	**208**	**-0.007**	ug/L	0.000	6	594	274	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:32:21
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	27753	2	Standard
	Cl	37		ug/L			7985356	7963115	1	Standard
>	Sc	45		ug/L			1508428	1526635	1	Standard
	Cr	52	49.344	ug/L	0.929	1	28874	1501661	0	Standard
	Cr	53	50.937	ug/L	1.273	2	419	176188	1	Standard
	Mn	55	52.851	ug/L	1.056	1	3185	2328157	0	Standard
>	Ge	72		ug/L			49682	50632	1	KED
	Ni	60	57.841	ug/L	1.345	2	46	58522	1	KED
	Ni	62	58.242	ug/L	0.949	1	10	9710	0	KED
	Cu	63	56.908	ug/L	1.558	2	179	169981	2	KED
	Cu	65	58.081	ug/L	2.163	3	106	87536	2	KED
	Zn	66	55.087	ug/L	1.094	1	216	19464	0	KED
	Zn	67	55.610	ug/L	1.903	3	21	3269	3	KED
	As	75	50.833	ug/L	0.954	1	8	9581	1	KED
	Se	78	47.763	ug/L	1.054	2	10	881	1	KED
	Y	89		ug/L			754131	772228	3	Standard
	Kr	83		ug/L			56	66	10	Standard
>	In-1	115		ug/L			13075	12783	2	KED
	Cd	111	52.962	ug/L	1.802	3	2	11850	1	KED
	Cd	114	54.163	ug/L	1.979	3	6	29892	1	KED
>	In	115		ug/L			916337	926206	2	Standard
	Ag	107	48.288	ug/L	2.234	4	66	981738	3	Standard
	Sb	121	56.885	ug/L	1.034	1	241	738881	1	Standard
	Sb	123	54.607	ug/L	1.186	2	179	555255	0	Standard
>	Tb	159		ug/L			1387135	1494028	1	Standard
	Pb	208	51.251	ug/L	0.721	1	594	2727878	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:39:51
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	27089	1	Standard
	Cl	**37**		ug/L			7985356	7920560	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1482389	1	Standard
|	**Cr**	**52**	**0.024**	ug/L	0.040	165	28874	29063	2	Standard
|	**Cr**	**53**	**-0.033**	ug/L	0.007	21	419	303	6	Standard
⌊	**Mn**	**55**	**-0.016**	ug/L	0.001	4	3185	2438	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	51269	2	KED
|	**Ni**	**60**	**0.010**	ug/L	0.012	110	46	58	17	KED
|	**Ni**	**62**	**-0.010**	ug/L	0.019	189	10	9	34	KED
|	**Cu**	**63**	**0.009**	ug/L	0.009	101	179	211	13	KED
|	**Cu**	**65**	**-0.004**	ug/L	0.010	235	106	103	17	KED
|	**Zn**	**66**	**-0.013**	ug/L	0.092	715	216	218	12	KED
|	**Zn**	**67**	**0.184**	ug/L	0.142	77	21	33	23	KED
|	**As**	**75**	**0.002**	ug/L	0.003	148	8	9	5	KED
⌊	**Se**	**78**	**0.064**	ug/L	0.234	365	10	11	33	KED
	Y	**89**		ug/L			754131	756588	0	Standard
	Kr	**83**		ug/L			56	63	7	Standard
⌈>	**In-1**	**115**		ug/L			13075	12914	0	KED
|	**Cd**	**111**	**0.006**	ug/L	0.013	223	2	3	83	KED
⌊	**Cd**	**114**	**0.001**	ug/L	0.009	648	6	6	71	KED
⌈>	**In**	**115**		ug/L			916337	912862	1	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.000	19	66	116	8	Standard
|	**Sb**	**121**	**0.036**	ug/L	0.003	7	241	701	4	Standard
⌊	**Sb**	**123**	**0.039**	ug/L	0.007	18	179	569	14	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1406391	0	Standard
⌊	**Pb**	**208**	**0.001**	ug/L	0.000	19	594	667	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0093-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:44:38
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	48394	0	Standard
	Cl	37		ug/L			7985356	8006053	2	Standard
>	Sc	45		ug/L			1508428	1571488	1	Standard
	Cr	52	8.026	ug/L	0.182	2	28874	276620	1	Standard
	Cr	53	8.414	ug/L	0.386	4	419	30335	5	Standard
	Mn	55	1030.601	ug/L	19.844	1	3185	46673522	0	Standard
>	Ge	72		ug/L			49682	50756	0	KED
	Ni	60	15.772	ug/L	0.479	3	46	16031	2	KED
	Ni	62	15.822	ug/L	0.762	4	10	2652	4	KED
	Cu	63	52.206	ug/L	1.422	2	179	156332	1	KED
	Cu	65	53.705	ug/L	1.520	2	106	81157	1	KED
	Zn	66	786.729	ug/L	26.927	3	216	275718	2	KED
	Zn	67	711.144	ug/L	9.930	1	21	41656	1	KED
	As	75	3.315	ug/L	0.076	2	8	634	1	KED
	Se	78	0.256	ug/L	0.137	53	10	15	15	KED
	Y	89		ug/L			754131	814967	2	Standard
	Kr	83		ug/L			56	64	25	Standard
>	In-1	115		ug/L			13075	12937	3	KED
	Cd	111	1.190	ug/L	0.066	5	2	271	3	KED
	Cd	114	1.173	ug/L	0.016	1	6	661	4	KED
>	In	115		ug/L			916337	957986	2	Standard
	Ag	107	0.022	ug/L	0.001	5	66	528	7	Standard
	Sb	121	5.089	ug/L	0.106	2	241	68587	1	Standard
	Sb	123	5.169	ug/L	0.110	2	179	54523	0	Standard
>	Tb	159		ug/L			1387135	1463758	0	Standard
	Pb	208	46.170	ug/L	0.450	0	594	2407997	0	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0093-03
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:49:24
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	116994	1	Standard
	Cl	37		ug/L			7985356	29541048	2	Standard
>	Sc	45		ug/L			1508428	1288479	0	Standard
	Cr	52	2.331	ug/L	0.013	0	28874	83384	0	Standard
	Cr	53	13.860	ug/L	0.036	0	419	40731	0	Standard
	Mn	55	77.845	ug/L	0.510	0	3185	2893473	0	Standard
>	Ge	72		ug/L			49682	32747	1	KED
	Ni	60	2.580	ug/L	0.026	0	46	1717	0	KED
	Ni	62	2.806	ug/L	0.395	14	10	309	13	KED
	Cu	63	5.560	ug/L	0.068	1	179	10848	1	KED
	Cu	65	5.629	ug/L	0.126	2	106	5552	2	KED
	Zn	66	5.477	ug/L	0.348	6	216	1379	4	KED
	Zn	67	6.173	ug/L	0.721	11	21	247	12	KED
	As	75	0.417	ug/L	0.035	8	8	56	8	KED
	Se	78	0.658	ug/L	0.120	18	10	14	10	KED
	Y	89		ug/L			754131	693418	0	Standard
	Kr	83		ug/L			56	413	14	Standard
>	In-1	115		ug/L			13075	9515	1	KED
	Cd	111	0.023	ug/L	0.023	101	2	5	71	KED
	Cd	114	0.009	ug/L	0.007	79	6	8	35	KED
>	In	115		ug/L			916337	650246	1	Standard
	Ag	107	0.003	ug/L	0.001	16	66	91	7	Standard
	Sb	121	1.119	ug/L	0.019	1	241	10369	0	Standard
	Sb	123	1.096	ug/L	0.040	3	179	7949	1	Standard
>	Tb	159		ug/L			1387135	1052595	2	Standard
	Pb	208	0.067	ug/L	0.003	3	594	2978	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0093-04
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 00:54:04
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	49751	0	Standard
	Cl	**37**		ug/L			7985356	40338076	3	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1345758	3	Standard
|	**Cr**	**52**	**0.542**	ug/L	0.061	11	28874	39998	1	Standard
|	**Cr**	**53**	**16.818**	ug/L	0.474	2	419	51510	0	Standard
⌊	**Mn**	**55**	**29.271**	ug/L	0.978	3	3185	1137353	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	34787	0	KED
|	**Ni**	**60**	**1.799**	ug/L	0.024	1	46	1281	1	KED
|	**Ni**	**62**	**2.559**	ug/L	0.232	9	10	300	8	KED
|	**Cu**	**63**	**0.610**	ug/L	0.012	1	179	1376	1	KED
|	**Cu**	**65**	**0.546**	ug/L	0.027	4	106	640	4	KED
|	**Zn**	**66**	**5.670**	ug/L	0.392	6	216	1512	5	KED
|	**Zn**	**67**	**5.953**	ug/L	0.304	5	21	253	4	KED
|	**As**	**75**	**0.221**	ug/L	0.007	2	8	34	2	KED
⌊	**Se**	**78**	**0.922**	ug/L	0.317	34	10	18	20	KED
	Y	**89**		ug/L			754131	701171	1	Standard
	Kr	**83**		ug/L			56	687	3	Standard
⌈>	**In-1**	**115**		ug/L			13075	10115	1	KED
|	**Cd**	**111**	**0.014**	ug/L	0.004	25	2	4	13	KED
⌊	**Cd**	**114**	**-0.005**	ug/L	0.005	92	6	2	80	KED
⌈>	**In**	**115**		ug/L			916337	668034	1	Standard
|	**Ag**	**107**	**0.001**	ug/L	0.000	26	66	64	5	Standard
|	**Sb**	**121**	**0.774**	ug/L	0.030	3	241	7424	1	Standard
⌊	**Sb**	**123**	**0.758**	ug/L	0.009	1	179	5687	1	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1104115	2	Standard
⌊	**Pb**	**208**	**0.041**	ug/L	0.001	2	594	2067	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0094-01
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 01:00:14
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	34050	1	Standard
	Cl	**37**		ug/L			7985356	7395331	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1351865	2	Standard
|	**Cr**	**52**	**2.223**	ug/L	0.077	3	28874	84608	1	Standard
|	**Cr**	**53**	**2.692**	ug/L	0.107	3	419	8599	1	Standard
⌊	**Mn**	**55**	**6.707**	ug/L	0.199	2	3185	264064	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	43722	2	KED
|	**Ni**	**60**	**0.644**	ug/L	0.040	6	46	603	8	KED
|	**Ni**	**62**	**1.209**	ug/L	0.055	4	10	183	6	KED
|	**Cu**	**63**	**64.121**	ug/L	0.926	1	179	165373	2	KED
|	**Cu**	**65**	**65.912**	ug/L	0.717	1	106	85781	1	KED
|	**Zn**	**66**	**77.977**	ug/L	2.127	2	216	23710	2	KED
|	**Zn**	**67**	**73.541**	ug/L	1.318	1	21	3727	2	KED
|	**As**	**75**	**0.273**	ug/L	0.018	6	8	51	5	KED
⌊	**Se**	**78**	**0.086**	ug/L	0.093	107	10	10	11	KED
	Y	**89**		ug/L			754131	756195	3	Standard
	Kr	**83**		ug/L			56	143	21	Standard
⌈>	**In-1**	**115**		ug/L			13075	12945	1	KED
|	**Cd**	**111**	**0.009**	ug/L	0.011	123	2	4	58	KED
⌊	**Cd**	**114**	**0.011**	ug/L	0.012	112	6	12	57	KED
⌈>	**In**	**115**		ug/L			916337	773052	0	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	21	66	134	12	Standard
|	**Sb**	**121**	**0.326**	ug/L	0.013	3	241	3735	3	Standard
⌊	**Sb**	**123**	**0.335**	ug/L	0.006	1	179	2993	1	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1208808	0	Standard
⌊	**Pb**	**208**	**1.194**	ug/L	0.017	1	594	51938	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0094-03
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 01:04:59
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	35283	2	Standard
	Cl	**37**		ug/L			7985356	7423701	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1361667	1	Standard
|	**Cr**	**52**	**1.483**	ug/L	0.004	0	28874	65554	0	Standard
|	**Cr**	**53**	**1.714**	ug/L	0.031	1	419	5653	1	Standard
⌊	**Mn**	**55**	**8.132**	ug/L	0.087	1	3185	322025	2	Standard
⌈>	**Ge**	**72**		ug/L			49682	43006	1	KED
|	**Ni**	**60**	**0.703**	ug/L	0.050	7	46	643	5	KED
|	**Ni**	**62**	**1.303**	ug/L	0.052	3	10	193	3	KED
|	**Cu**	**63**	**62.957**	ug/L	1.407	2	179	159765	3	KED
|	**Cu**	**65**	**62.508**	ug/L	0.665	1	106	80027	0	KED
|	**Zn**	**66**	**81.396**	ug/L	0.572	0	216	24342	1	KED
|	**Zn**	**67**	**78.281**	ug/L	2.650	3	21	3900	2	KED
|	**As**	**75**	**0.170**	ug/L	0.041	24	8	34	17	KED
⌊	**Se**	**78**	**0.152**	ug/L	0.152	99	10	11	21	KED
	Y	**89**		ug/L			754131	770329	3	Standard
	Kr	**83**		ug/L			56	102	16	Standard
⌈>	**In-1**	**115**		ug/L			13075	13022	0	KED
|	**Cd**	**111**	**0.021**	ug/L	0.006	30	2	6	20	KED
⌊	**Cd**	**114**	**0.006**	ug/L	0.009	163	6	9	56	KED
⌈>	**In**	**115**		ug/L			916337	766215	2	Standard
|	**Ag**	**107**	**0.004**	ug/L	0.000	10	66	128	8	Standard
|	**Sb**	**121**	**0.217**	ug/L	0.018	8	241	2532	6	Standard
⌊	**Sb**	**123**	**0.209**	ug/L	0.008	3	179	1910	3	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1220632	0	Standard
⌊	**Pb**	**208**	**1.078**	ug/L	0.012	1	594	47387	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0094-05
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 01:09:39
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	34906	2	Standard
	Cl	**37**		ug/L			7985356	7573918	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1376220	1	Standard
|	**Cr**	**52**	**0.686**	ug/L	0.025	3	28874	44788	2	Standard
|	**Cr**	**53**	**0.769**	ug/L	0.004	0	419	2776	1	Standard
⌊	**Mn**	**55**	**5.234**	ug/L	0.077	1	3185	210561	3	Standard
⌈>	**Ge**	**72**		ug/L			49682	44218	2	KED
|	**Ni**	**60**	**0.501**	ug/L	0.019	3	46	483	3	KED
|	**Ni**	**62**	**1.037**	ug/L	0.118	11	10	160	12	KED
|	**Cu**	**63**	**63.308**	ug/L	0.986	1	179	165135	1	KED
|	**Cu**	**65**	**66.400**	ug/L	1.635	2	106	87380	0	KED
|	**Zn**	**66**	**48.024**	ug/L	0.850	1	216	14845	2	KED
|	**Zn**	**67**	**43.945**	ug/L	2.507	5	21	2260	5	KED
|	**As**	**75**	**0.378**	ug/L	0.044	11	8	69	12	KED
⌊	**Se**	**78**	**0.147**	ug/L	0.089	60	10	11	10	KED
	Y	**89**		ug/L			754131	777983	1	Standard
	Kr	**83**		ug/L			56	78	18	Standard
⌈>	**In-1**	**115**		ug/L			13075	12993	1	KED
|	**Cd**	**111**	**0.121**	ug/L	0.023	18	2	29	19	KED
⌊	**Cd**	**114**	**0.118**	ug/L	0.014	12	6	72	10	KED
⌈>	**In**	**115**		ug/L			916337	786523	1	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	13	66	150	9	Standard
|	**Sb**	**121**	**0.364**	ug/L	0.007	1	241	4219	2	Standard
⌊	**Sb**	**123**	**0.362**	ug/L	0.005	1	179	3279	0	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1235360	3	Standard
⌊	**Pb**	**208**	**0.177**	ug/L	0.008	4	594	8319	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0104-01
Sample Dil Factor:
Comments:

DEL

Sample Date/Time: Tuesday, March 10, 2020 01:15:49
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	42136	1	Standard
	Cl	37		ug/L			7985356	147333230	0	Standard
>	Sc	45		ug/L			1508428	1195899	1	Standard
	Cr	52	1.387	ug/L	0.028	1	28874	55317	0	Standard
	Cr	53	72.940	ug/L	0.613	0	419	197519	0	Standard
	Mn	55	26.716	ug/L	0.487	1	3185	923249	1	Standard
>	Ge	72		ug/L			49682	27502	2	KED
	Ni	60	0.757	ug/L	0.071	9	46	441	7	KED
	Ni	62	1.724	ug/L	0.115	6	10	161	5	KED
	Cu	63	3.148	ug/L	0.099	3	179	5200	1	KED
	Cu	65	3.112	ug/L	0.053	1	106	2604	2	KED
	Zn	66	5.201	ug/L	0.335	6	216	1106	4	KED
	Zn	67	6.201	ug/L	0.995	16	21	208	13	KED
	As	75	1.294	ug/L	0.021	1	8	136	1	KED
	Se	78	3.111	ug/L	0.190	6	10	36	3	KED
	Y	89		ug/L			754131	541178	1	Standard
	Kr	83		ug/L			56	6995	3	Standard
>	In-1	115		ug/L			13075	7568	2	KED
	Cd	111	0.045	ug/L	0.027	59	2	7	49	KED
	Cd	114	0.033	ug/L	0.009	28	6	14	20	KED
>	In	115		ug/L			916337	530223	1	Standard
	Ag	107	0.011	ug/L	0.001	8	66	168	7	Standard
	Sb	121	0.171	ug/L	0.007	4	241	1409	3	Standard
	Sb	123	0.176	ug/L	0.006	3	179	1127	2	Standard
>	Tb	159		ug/L			1387135	890505	1	Standard
	Pb	208	0.218	ug/L	0.007	3	594	7308	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0044-02
Sample Dil Factor: 100
Comments:

DEL

Sample Date/Time: Tuesday, March 10, 2020 01:21:39
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	25047	1	Standard
	Cl	**37**		ug/L			7985356	13200816	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1321106	3	Standard
|	**Cr**	**52**	**0.177**	ug/L	0.038	21	28874	29827	0	Standard
|	**Cr**	**53**	**5.562**	ug/L	0.191	3	419	16970	1	Standard
⌊	**Mn**	**55**	**32.530**	ug/L	1.188	3	3185	1240462	0	Standard
⌈>	**Ge**	**72**		ug/L			49682	41810	1	KED
|	**Ni**	**60**	**0.127**	ug/L	0.011	8	46	144	8	KED
|	**Ni**	**62**	**0.977**	ug/L	0.081	8	10	143	7	KED
|	**Cu**	**63**	**124.894**	ug/L	4.466	3	179	307816	2	KED
|	**Cu**	**65**	**125.521**	ug/L	3.416	2	106	156160	3	KED
|	**Zn**	**66**	**2.965**	ug/L	0.301	10	216	1036	7	KED
|	**Zn**	**67**	**2.786**	ug/L	0.270	9	21	152	6	KED
|	**As**	**75**	**0.250**	ug/L	0.046	18	8	45	14	KED
⌊	**Se**	**78**	**0.435**	ug/L	0.324	74	10	15	32	KED
	Y	**89**		ug/L			754131	735223	2	Standard
	Kr	**83**		ug/L			56	395	3	Standard
⌈>	**In-1**	**115**		ug/L			13075	12350	0	KED
|	**Cd**	**111**	**0.023**	ug/L	0.009	39	2	6	28	KED
⌊	**Cd**	**114**	**0.008**	ug/L	0.011	137	6	9	57	KED
⌈>	**In**	**115**		ug/L			916337	715466	2	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.003	49	66	133	28	Standard
|	**Sb**	**121**	**-0.005**	ug/L	0.002	44	241	133	16	Standard
⌊	**Sb**	**123**	**-0.005**	ug/L	0.001	26	179	97	10	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1178014	2	Standard
⌊	**Pb**	**208**	**-0.004**	ug/L	0.003	57	594	320	35	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0128-DUP1
Sample Dil Factor: 100
Comments:

DEL

Sample Date/Time: Tuesday, March 10, 2020 01:29:09
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	24131	0	Standard
	Cl	**37**		ug/L			7985356	12503412	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1263456	2	Standard
|	**Cr**	**52**	**0.196**	ug/L	0.048	24	28874	29015	2	Standard
|	**Cr**	**53**	**5.036**	ug/L	0.124	2	419	14732	2	Standard
⌊	**Mn**	**55**	**31.640**	ug/L	0.781	2	3185	1154504	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	40704	2	KED
|	**Ni**	**60**	**0.138**	ug/L	0.009	6	46	150	5	KED
|	**Ni**	**62**	**0.929**	ug/L	0.024	2	10	133	4	KED
|	**Cu**	**63**	**120.189**	ug/L	3.411	2	179	288499	3	KED
|	**Cu**	**65**	**121.270**	ug/L	2.690	2	106	146847	1	KED
|	**Zn**	**66**	**2.614**	ug/L	0.128	4	216	911	2	KED
|	**Zn**	**67**	**2.936**	ug/L	0.059	2	21	155	3	KED
|	**As**	**75**	**0.282**	ug/L	0.017	6	8	49	6	KED
⌊	**Se**	**78**	**0.271**	ug/L	0.163	59	10	12	18	KED
	Y	**89**		ug/L			754131	694869	3	Standard
	Kr	**83**		ug/L			56	208	12	Standard
⌈>	**In-1**	**115**		ug/L			13075	12161	1	KED
|	**Cd**	**111**	**0.025**	ug/L	0.016	65	2	7	45	KED
⌊	**Cd**	**114**	**0.022**	ug/L	0.007	33	6	17	21	KED
⌈>	**In**	**115**		ug/L			916337	686526	2	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	18	66	99	11	Standard
|	**Sb**	**121**	**-0.005**	ug/L	0.004	70	241	128	25	Standard
⌊	**Sb**	**123**	**-0.005**	ug/L	0.001	13	179	94	7	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1154294	1	Standard
⌊	**Pb**	**208**	**-0.006**	ug/L	0.000	5	594	234	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: BIC0128-MS1
Sample Dil Factor: 100
Comments:
Sample Date/Time: Tuesday, March 10, 2020 01:36:39

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	23484	4	Standard
	Cl	**37**		ug/L			7985356	12927520	3	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1296470	0	Standard
|	**Cr**	**52**	**0.407**	ug/L	0.023	5	28874	35125	1	Standard
|	**Cr**	**53**	**5.230**	ug/L	0.131	2	419	15687	1	Standard
⌊	**Mn**	**55**	**32.155**	ug/L	0.320	0	3185	1204197	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	41147	1	KED
|	**Ni**	**60**	**0.395**	ug/L	0.030	7	46	363	6	KED
|	**Ni**	**62**	**1.214**	ug/L	0.040	3	10	173	5	KED
|	**Cu**	**63**	**123.498**	ug/L	2.380	1	179	299598	1	KED
|	**Cu**	**65**	**123.373**	ug/L	2.944	2	106	151014	1	KED
|	**Zn**	**66**	**3.364**	ug/L	0.082	2	216	1134	3	KED
|	**Zn**	**67**	**3.994**	ug/L	0.403	10	21	207	10	KED
|	**As**	**75**	**0.577**	ug/L	0.080	13	8	95	11	KED
⌊	**Se**	**78**	**0.831**	ug/L	0.183	21	10	20	11	KED
	Y	**89**		ug/L			754131	682685	0	Standard
	Kr	**83**		ug/L			56	170	6	Standard
⌈>	**In-1**	**115**		ug/L			13075	11859	3	KED
|	**Cd**	**111**	**0.290**	ug/L	0.016	5	2	62	8	KED
⌊	**Cd**	**114**	**0.293**	ug/L	0.038	12	6	155	11	KED
⌈>	**In**	**115**		ug/L			916337	721188	3	Standard
|	**Ag**	**107**	**0.246**	ug/L	0.015	6	66	3948	2	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.000	2	241	91	5	Standard
⌊	**Sb**	**123**	**-0.009**	ug/L	0.000	2	179	68	5	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1178926	0	Standard
⌊	**Pb**	**208**	**0.211**	ug/L	0.007	3	594	9359	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 01:44:10
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	22420	2	Standard
	Cl	**37**		ug/L			7985356	7213232	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1243775	2	Standard
|	**Cr**	**52**	**50.341**	ug/L	0.258	0	28874	1247770	1	Standard
|	**Cr**	**53**	**52.616**	ug/L	0.766	1	419	148265	0	Standard
⌊	**Mn**	**55**	**47.970**	ug/L	0.411	0	3185	1721967	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	41556	2	KED
|	**Ni**	**60**	**54.133**	ug/L	0.961	1	46	44949	1	KED
|	**Ni**	**62**	**53.940**	ug/L	2.092	3	10	7377	0	KED
|	**Cu**	**63**	**53.479**	ug/L	0.419	0	179	131118	2	KED
|	**Cu**	**65**	**53.717**	ug/L	1.056	1	106	66448	1	KED
|	**Zn**	**66**	**52.530**	ug/L	1.227	2	216	15238	1	KED
|	**Zn**	**67**	**52.376**	ug/L	2.461	4	21	2527	3	KED
|	**As**	**75**	**51.846**	ug/L	1.258	2	8	8018	1	KED
⌊	**Se**	**78**	**51.075**	ug/L	1.534	3	10	773	1	KED
	Y	**89**		ug/L			754131	697857	0	Standard
	Kr	**83**		ug/L			56	151	10	Standard
⌈>	**In-1**	**115**		ug/L			13075	12395	2	KED
|	**Cd**	**111**	**50.641**	ug/L	1.529	3	2	10986	0	KED
⌊	**Cd**	**114**	**51.006**	ug/L	2.865	5	6	27279	2	KED
⌈>	**In**	**115**		ug/L			916337	719695	4	Standard
|	**Ag**	**107**	**52.291**	ug/L	3.849	7	66	824684	2	Standard
|	**Sb**	**121**	**54.611**	ug/L	2.529	4	241	550547	0	Standard
⌊	**Sb**	**123**	**52.978**	ug/L	1.456	2	179	418402	2	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1148123	3	Standard
⌊	**Pb**	**208**	**45.433**	ug/L	1.543	3	594	1857461	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 01:51:41
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	20749	2	Standard
	Cl	**37**		ug/L			7985356	7292241	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1195372	1	Standard
|	**Cr**	**52**	**0.055**	ug/L	0.046	82	28874	24170	3	Standard
|	**Cr**	**53**	**0.271**	ug/L	0.023	8	419	1064	5	Standard
⌊	**Mn**	**55**	**-0.012**	ug/L	0.001	9	3185	2098	2	Standard
⌈>	**Ge**	**72**		ug/L			49682	40101	2	KED
|	**Ni**	**60**	**0.005**	ug/L	0.002	46	46	41	2	KED
|	**Ni**	**62**	**0.309**	ug/L	0.073	23	10	49	20	KED
|	**Cu**	**63**	**0.017**	ug/L	0.010	59	179	186	14	KED
|	**Cu**	**65**	**-0.001**	ug/L	0.014	1127	106	84	16	KED
|	**Zn**	**66**	**-0.017**	ug/L	0.055	326	216	170	9	KED
|	**Zn**	**67**	**0.171**	ug/L	0.118	68	21	25	22	KED
|	**As**	**75**	**0.030**	ug/L	0.006	19	8	11	8	KED
⌊	**Se**	**78**	**0.142**	ug/L	0.036	24	10	10	2	KED
	Y	**89**		ug/L			754131	659079	2	Standard
	Kr	**83**		ug/L			56	90	22	Standard
⌈>	**In-1**	**115**		ug/L			13075	12053	3	KED
|	**Cd**	**111**	**-0.004**	ug/L	0.007	184	2	1	114	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.005	213	6	6	30	KED
⌈>	**In**	**115**		ug/L			916337	684634	3	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.001	42	66	93	17	Standard
|	**Sb**	**121**	**0.037**	ug/L	0.003	7	241	530	2	Standard
⌊	**Sb**	**123**	**0.034**	ug/L	0.003	10	179	387	6	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1120702	2	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.001	72	594	424	9	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0044-01
Sample Dil Factor: 200
Comments:
Sample Date/Time: Tuesday, March 10, 2020 01:56:27

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	24134	2	Standard
	Cl	**37**		ug/L			7985356	10524001	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1233073	2	Standard
|	**Cr**	**52**	**0.635**	ug/L	0.023	3	28874	38913	1	Standard
|	**Cr**	**53**	**3.254**	ug/L	0.159	4	419	9406	2	Standard
⌊	**Mn**	**55**	**20.134**	ug/L	0.574	2	3185	717824	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	41436	3	KED
|	**Ni**	**60**	**0.654**	ug/L	0.074	11	46	579	8	KED
|	**Ni**	**62**	**1.388**	ug/L	0.276	19	10	197	16	KED
|	**Cu**	**63**	**153.238**	ug/L	1.568	1	179	374401	3	KED
|	**Cu**	**65**	**152.262**	ug/L	7.177	4	106	187510	1	KED
|	**Zn**	**66**	**3.991**	ug/L	0.179	4	216	1320	0	KED
|	**Zn**	**67**	**3.573**	ug/L	0.173	4	21	188	1	KED
|	**As**	**75**	**0.275**	ug/L	0.023	8	8	49	3	KED
⌊	**Se**	**78**	**0.174**	ug/L	0.323	185	10	11	46	KED
	Y	**89**		ug/L			754131	676590	2	Standard
	Kr	**83**		ug/L			56	107	3	Standard
⌈>	**In-1**	**115**		ug/L			13075	12184	2	KED
|	**Cd**	**111**	**0.032**	ug/L	0.002	5	2	8	6	KED
⌊	**Cd**	**114**	**0.003**	ug/L	0.000	6	6	7	1	KED
⌈>	**In**	**115**		ug/L			916337	693396	1	Standard
|	**Ag**	**107**	**0.005**	ug/L	0.001	25	66	121	14	Standard
|	**Sb**	**121**	**0.004**	ug/L	0.001	18	241	220	2	Standard
⌊	**Sb**	**123**	**0.004**	ug/L	0.002	40	179	166	8	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1168337	1	Standard
⌊	**Pb**	**208**	**0.397**	ug/L	0.014	3	594	17002	2	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0044-03
Sample Dil Factor: 10
Comments:

DEL

Sample Date/Time: Tuesday, March 10, 2020 02:03:57
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	36866	2	Standard
	Cl	**37**		ug/L			7985356	61269427	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1084935	1	Standard
|	**Cr**	**52**	**0.498**	ug/L	0.001	0	28874	31333	1	Standard
|	**Cr**	**53**	**33.115**	ug/L	1.084	3	419	81496	1	Standard
⌊	**Mn**	**55**	**323.450**	ug/L	3.514	1	3185	10115833	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	33530	1	KED
|	**Ni**	**60**	**1.594**	ug/L	0.079	4	46	1098	4	KED
|	**Ni**	**62**	**2.814**	ug/L	0.287	10	10	317	8	KED
|	**Cu**	**63**	**260.608**	ug/L	2.993	1	179	515082	0	KED
|	**Cu**	**65**	**255.269**	ug/L	3.624	1	106	254575	0	KED
|	**Zn**	**66**	**5.648**	ug/L	0.200	3	216	1452	2	KED
|	**Zn**	**67**	**5.679**	ug/L	0.362	6	21	234	7	KED
|	**As**	**75**	**0.796**	ug/L	0.049	6	8	104	6	KED
⌊	**Se**	**78**	**1.695**	ug/L	0.394	23	10	27	17	KED
	Y	**89**		ug/L			754131	575380	0	Standard
	Kr	**83**		ug/L			56	1092	12	Standard
⌈>	**In-1**	**115**		ug/L			13075	9641	4	KED
|	**Cd**	**111**	**0.152**	ug/L	0.060	39	2	26	33	KED
⌊	**Cd**	**114**	**0.131**	ug/L	0.045	34	6	59	36	KED
⌈>	**In**	**115**		ug/L			916337	563054	0	Standard
|	**Ag**	**107**	**0.080**	ug/L	0.003	3	66	1032	3	Standard
|	**Sb**	**121**	**0.035**	ug/L	0.005	13	241	427	9	Standard
⌊	**Sb**	**123**	**0.034**	ug/L	0.001	4	179	317	3	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1005954	1	Standard
⌊	**Pb**	**208**	**0.003**	ug/L	0.001	21	594	546	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0044-04
Sample Dil Factor: 10
Comments: DEL
Sample Date/Time: Tuesday, March 10, 2020 02:13:07
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27481	32444	2	Standard
Cl	37		ug/L			7985356	61451073	0	Standard
> Sc	45		ug/L			1508428	1037059	2	Standard
Cr	52	**0.521**	ug/L	0.066	12	28874	30396	2	Standard
Cr	53	**35.662**	ug/L	0.986	2	419	83875	2	Standard
Mn	55	**100.774**	ug/L	2.869	2	3185	3012623	0	Standard
> Ge	72		ug/L			49682	31739	1	KED
Ni	60	**0.576**	ug/L	0.021	3	46	394	5	KED
Ni	62	**1.399**	ug/L	0.116	8	10	153	8	KED
Cu	63	**9.365**	ug/L	0.268	2	179	17629	2	KED
Cu	65	**9.363**	ug/L	0.019	0	106	8905	2	KED
Zn	66	**-0.034**	ug/L	0.048	140	216	130	6	KED
Zn	67	**0.229**	ug/L	0.124	54	21	22	21	KED
As	75	**0.645**	ug/L	0.038	5	8	81	3	KED
Se	78	**1.505**	ug/L	0.252	16	10	23	12	KED
Y	89		ug/L			754131	567168	1	Standard
Kr	83		ug/L			56	1959	4	Standard
> In-1	115		ug/L			13075	9288	1	KED
Cd	111	**0.006**	ug/L	0.003	56	2	2	21	KED
Cd	114	**0.005**	ug/L	0.010	204	6	6	62	KED
> In	115		ug/L			916337	557298	2	Standard
Ag	107	**0.076**	ug/L	0.002	2	66	969	2	Standard
Sb	121	**0.000**	ug/L	0.003	1685	241	147	14	Standard
Sb	123	**-0.002**	ug/L	0.003	136	179	94	22	Standard
> Tb	159		ug/L			1387135	998977	1	Standard
Pb	208	**-0.003**	ug/L	0.001	24	594	321	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0044-05
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, March 10, 2020 02:22:17

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27481	34710	1	Standard
Cl	37		ug/L			7985356	59810744	1	Standard
> Sc	45		ug/L			1508428	1007403	1	Standard
Cr	52	**0.483**	ug/L	0.011	2	28874	28792	2	Standard
Cr	53	**31.575**	ug/L	0.368	1	419	72198	2	Standard
Mn	55	**0.624**	ug/L	0.013	2	3185	20242	0	Standard
> Ge	72		ug/L			49682	31166	1	KED
Ni	60	**0.071**	ug/L	0.024	33	46	73	19	KED
Ni	62	**1.116**	ug/L	0.081	7	10	121	7	KED
Cu	63	**14.074**	ug/L	0.574	4	179	25955	2	KED
Cu	65	**14.077**	ug/L	0.714	5	106	13107	3	KED
Zn	66	**0.092**	ug/L	0.013	14	216	155	0	KED
Zn	67	**4.093**	ug/L	0.585	14	21	160	13	KED
As	75	**0.498**	ug/L	0.047	9	8	63	7	KED
Se	78	**1.114**	ug/L	0.109	9	10	19	6	KED
Y	89		ug/L			754131	563280	2	Standard
Kr	83		ug/L			56	2144	4	Standard
> In-1	115		ug/L			13075	9051	3	KED
Cd	111	**0.008**	ug/L	0.001	8	2	2	0	KED
Cd	114	**-0.004**	ug/L	0.003	68	6	2	38	KED
> In	115		ug/L			916337	547458	0	Standard
Ag	107	**0.001**	ug/L	0.001	116	66	48	22	Standard
Sb	121	**0.000**	ug/L	0.002	413	241	147	8	Standard
Sb	123	**-0.002**	ug/L	0.003	149	179	93	21	Standard
> Tb	159		ug/L			1387135	976425	1	Standard
Pb	208	**-0.003**	ug/L	0.001	18	594	323	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: 20C0044-06
Sample Dil Factor: 10
Comments:
Sample Date/Time: Tuesday, March 10, 2020 02:31:28

DEL

Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
C	13		ug/L			27481	27208	3	Standard
Cl	37		ug/L			7985356	59011964	4	Standard
> Sc	45		ug/L			1508428	938813	0	Standard
Cr	52	0.262	ug/L	0.024	9	28874	22784	1	Standard
Cr	53	22.355	ug/L	0.366	1	419	47704	1	Standard
Mn	55	0.113	ug/L	0.005	4	3185	5043	2	Standard
> Ge	72		ug/L			49682	28824	0	KED
Ni	60	0.122	ug/L	0.002	1	46	97	0	KED
Ni	62	0.852	ug/L	0.116	13	10	86	12	KED
Cu	63	14.323	ug/L	0.230	1	179	24438	2	KED
Cu	65	14.216	ug/L	0.480	3	106	12247	3	KED
Zn	66	-0.079	ug/L	0.053	66	216	109	10	KED
Zn	67	0.424	ug/L	0.241	56	21	26	31	KED
As	75	0.523	ug/L	0.057	10	8	60	10	KED
Se	78	1.415	ug/L	0.224	15	10	20	10	KED
Y	89		ug/L			754131	530946	1	Standard
Kr	83		ug/L			56	2964	1	Standard
> In-1	115		ug/L			13075	8505	3	KED
Cd	111	0.003	ug/L	0.011	342	2	1	86	KED
Cd	114	-0.003	ug/L	0.008	300	6	3	98	KED
> In	115		ug/L			916337	517639	1	Standard
Ag	107	0.005	ug/L	0.001	18	66	90	10	Standard
Sb	121	-0.004	ug/L	0.002	41	241	107	9	Standard
Sb	123	-0.008	ug/L	0.002	18	179	53	15	Standard
> Tb	159		ug/L			1387135	944160	0	Standard
Pb	208	-0.004	ug/L	0.001	29	594	269	14	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLC
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 02:40:39
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	20112	3	Standard
	Cl	**37**		ug/L			7985356	6865273	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1061918	0	Standard
|	**Cr**	**52**	**0.120**	ug/L	0.023	19	28874	22816	1	Standard
|	**Cr**	**53**	**1.310**	ug/L	0.010	0	419	3441	0	Standard
⌊	**Mn**	**55**	**-0.009**	ug/L	0.004	44	3185	1968	5	Standard
⌈>	**Ge**	**72**		ug/L			49682	38223	2	KED
|	**Ni**	**60**	**-0.007**	ug/L	0.013	175	46	29	31	KED
|	**Ni**	**62**	**0.596**	ug/L	0.084	14	10	83	12	KED
|	**Cu**	**63**	**-0.011**	ug/L	0.007	64	179	114	15	KED
|	**Cu**	**65**	**-0.038**	ug/L	0.003	7	106	38	7	KED
|	**Zn**	**66**	**-0.374**	ug/L	0.004	1	216	67	3	KED
|	**Zn**	**67**	**-0.131**	ug/L	0.133	101	21	10	53	KED
|	**As**	**75**	**0.018**	ug/L	0.019	104	8	9	32	KED
⌊	**Se**	**78**	**0.497**	ug/L	0.135	27	10	14	15	KED
	Y	**89**		ug/L			754131	603491	0	Standard
	Kr	**83**		ug/L			56	324	11	Standard
⌈>	**In-1**	**115**		ug/L			13075	11521	1	KED
|	**Cd**	**111**	**0.006**	ug/L	0.014	222	2	3	86	KED
⌊	**Cd**	**114**	**0.002**	ug/L	0.008	508	6	6	64	KED
⌈>	**In**	**115**		ug/L			916337	646264	1	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.001	248	66	49	13	Standard
|	**Sb**	**121**	**-0.014**	ug/L	0.001	4	241	47	10	Standard
⌊	**Sb**	**123**	**-0.013**	ug/L	0.000	3	179	30	9	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1087971	1	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.001	11	594	198	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-IBLD
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 02:48:09
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	20459	2	Standard
	Cl	**37**		ug/L			7985356	6945217	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1073419	3	Standard
|	**Cr**	**52**	**0.105**	ug/L	0.046	44	28874	22718	1	Standard
|	**Cr**	**53**	**0.829**	ug/L	0.057	6	419	2308	3	Standard
⌊	**Mn**	**55**	**-0.023**	ug/L	0.002	7	3185	1567	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	39383	2	KED
|	**Ni**	**60**	**-0.014**	ug/L	0.009	66	46	26	29	KED
|	**Ni**	**62**	**0.502**	ug/L	0.023	4	10	73	5	KED
|	**Cu**	**63**	**-0.020**	ug/L	0.002	8	179	95	5	KED
|	**Cu**	**65**	**-0.053**	ug/L	0.007	12	106	22	34	KED
|	**Zn**	**66**	**-0.386**	ug/L	0.016	4	216	66	4	KED
|	**Zn**	**67**	**-0.058**	ug/L	0.226	386	21	14	71	KED
|	**As**	**75**	**0.011**	ug/L	0.004	37	8	8	8	KED
⌊	**Se**	**78**	**0.293**	ug/L	0.159	54	10	12	15	KED
	Y	**89**		ug/L			754131	611278	1	Standard
	Kr	**83**		ug/L			56	184	9	Standard
⌈>	**In-1**	**115**		ug/L			13075	11663	1	KED
|	**Cd**	**111**	**0.006**	ug/L	0.007	122	2	3	45	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.002	98	6	4	23	KED
⌈>	**In**	**115**		ug/L			916337	654913	3	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	52	66	40	9	Standard
|	**Sb**	**121**	**-0.015**	ug/L	0.001	3	241	32	15	Standard
⌊	**Sb**	**123**	**-0.014**	ug/L	0.001	6	179	27	24	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1101372	0	Standard
⌊	**Pb**	**208**	**-0.007**	ug/L	0.000	4	594	193	6	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCVF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 02:55:40
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	13		ug/L			27481	21301	2	Standard
	Cl	37		ug/L			7985356	6869393	1	Standard
>	Sc	45		ug/L			1508428	1082814	2	Standard
	Cr	52	51.374	ug/L	1.852	3	28874	1107645	1	Standard
	Cr	53	53.145	ug/L	1.296	2	419	130343	0	Standard
	Mn	55	49.952	ug/L	1.307	2	3185	1560724	2	Standard
>	Ge	72		ug/L			49682	40477	1	KED
	Ni	60	54.723	ug/L	2.327	4	46	44260	3	KED
	Ni	62	54.456	ug/L	1.470	2	10	7258	1	KED
	Cu	63	52.412	ug/L	0.884	1	179	125193	2	KED
	Cu	65	55.329	ug/L	1.428	2	106	66692	3	KED
	Zn	66	52.656	ug/L	0.546	1	216	14883	0	KED
	Zn	67	51.470	ug/L	0.587	1	21	2420	0	KED
	As	75	51.124	ug/L	0.996	1	8	7703	0	KED
	Se	78	50.246	ug/L	0.933	1	10	741	0	KED
	Y	89		ug/L			754131	615969	2	Standard
	Kr	83		ug/L			56	175	13	Standard
>	In-1	115		ug/L			13075	12058	1	KED
	Cd	111	49.110	ug/L	0.713	1	2	10369	0	KED
	Cd	114	49.476	ug/L	0.550	1	6	25769	1	KED
>	In	115		ug/L			916337	653427	3	Standard
	Ag	107	55.571	ug/L	1.830	3	66	796814	0	Standard
	Sb	121	57.739	ug/L	1.844	3	241	528864	2	Standard
	Sb	123	55.926	ug/L	1.170	2	179	401112	1	Standard
>	Tb	159		ug/L			1387135	1124134	4	Standard
	Pb	208	42.731	ug/L	1.843	4	594	1709573	1	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: SEQ-CCBF
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 03:03:10
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	21115	2	Standard
	Cl	**37**		ug/L			7985356	6961044	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1081712	2	Standard
|	**Cr**	**52**	**0.059**	ug/L	0.009	15	28874	21945	1	Standard
|	**Cr**	**53**	**0.504**	ug/L	0.009	1	419	1532	2	Standard
⌊	**Mn**	**55**	**-0.020**	ug/L	0.001	5	3185	1647	0	Standard
⌈>	**Ge**	**72**		ug/L			49682	39669	3	KED
|	**Ni**	**60**	**-0.003**	ug/L	0.015	433	46	34	34	KED
|	**Ni**	**62**	**0.251**	ug/L	0.038	15	10	41	9	KED
|	**Cu**	**63**	**0.008**	ug/L	0.009	102	179	163	13	KED
|	**Cu**	**65**	**-0.013**	ug/L	0.004	30	106	69	4	KED
|	**Zn**	**66**	**-0.012**	ug/L	0.049	421	216	169	6	KED
|	**Zn**	**67**	**0.231**	ug/L	0.137	59	21	27	25	KED
|	**As**	**75**	**0.030**	ug/L	0.020	66	8	11	23	KED
⌊	**Se**	**78**	**0.308**	ug/L	0.085	27	10	12	6	KED
	Y	**89**		ug/L			754131	611208	5	Standard
	Kr	**83**		ug/L			56	109	2	Standard
⌈>	**In-1**	**115**		ug/L			13075	11103	2	KED
|	**Cd**	**111**	**-0.002**	ug/L	0.003	196	2	1	34	KED
⌊	**Cd**	**114**	**-0.000**	ug/L	0.003	533	6	4	22	KED
⌈>	**In**	**115**		ug/L			916337	653646	3	Standard
|	**Ag**	**107**	**0.003**	ug/L	0.002	63	66	89	28	Standard
|	**Sb**	**121**	**0.037**	ug/L	0.008	21	241	507	12	Standard
⌊	**Sb**	**123**	**0.042**	ug/L	0.003	7	179	427	2	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1093088	2	Standard
⌊	**Pb**	**208**	**-0.001**	ug/L	0.000	51	594	431	3	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 03:07:56
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	32982	4	Standard
	Cl	**37**		ug/L			7985356	7231070	4	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1172213	2	Standard
|	**Cr**	**52**	**0.108**	ug/L	0.018	17	28874	24915	0	Standard
|	**Cr**	**53**	**0.405**	ug/L	0.017	4	419	1398	1	Standard
⌊	**Mn**	**55**	**-0.004**	ug/L	0.002	57	3185	2344	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	41886	4	KED
|	**Ni**	**60**	**-0.017**	ug/L	0.008	44	46	24	27	KED
|	**Ni**	**62**	**0.142**	ug/L	0.043	29	10	28	17	KED
|	**Cu**	**63**	**-0.013**	ug/L	0.005	40	179	119	11	KED
|	**Cu**	**65**	**-0.033**	ug/L	0.010	29	106	48	21	KED
|	**Zn**	**66**	**-0.366**	ug/L	0.025	6	216	76	12	KED
|	**Zn**	**67**	**-0.179**	ug/L	0.080	44	21	9	40	KED
|	**As**	**75**	**0.014**	ug/L	0.019	133	8	9	26	KED
⌊	**Se**	**78**	**0.121**	ug/L	0.151	123	10	10	19	KED
	Y	**89**		ug/L			754131	693228	2	Standard
	Kr	**83**		ug/L			56	94	9	Standard
⌈>	**In-1**	**115**		ug/L			13075	12892	1	KED
|	**Cd**	**111**	**0.003**	ug/L	0.000	4	2	2	0	KED
⌊	**Cd**	**114**	**-0.009**	ug/L	0.002	23	6	1	117	KED
⌈>	**In**	**115**		ug/L			916337	738557	1	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	55	66	48	4	Standard
|	**Sb**	**121**	**0.005**	ug/L	0.000	8	241	246	3	Standard
⌊	**Sb**	**123**	**0.006**	ug/L	0.000	6	179	190	1	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1229311	0	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.001	81	594	453	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 03:12:42
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	32245	5	Standard
	Cl	**37**		ug/L			7985356	7222137	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1221554	0	Standard
|	**Cr**	**52**	**0.065**	ug/L	0.005	7	28874	24944	1	Standard
|	**Cr**	**53**	**0.341**	ug/L	0.007	1	419	1281	2	Standard
⌊	**Mn**	**55**	**-0.008**	ug/L	0.002	19	3185	2282	2	Standard
⌈>	**Ge**	**72**		ug/L			49682	44556	1	KED
|	**Ni**	**60**	**-0.013**	ug/L	0.003	22	46	29	9	KED
|	**Ni**	**62**	**0.103**	ug/L	0.028	27	10	24	15	KED
|	**Cu**	**63**	**-0.010**	ug/L	0.006	62	179	134	14	KED
|	**Cu**	**65**	**-0.031**	ug/L	0.002	7	106	55	5	KED
|	**Zn**	**66**	**-0.392**	ug/L	0.022	5	216	73	10	KED
|	**Zn**	**67**	**-0.117**	ug/L	0.074	63	21	13	28	KED
|	**As**	**75**	**-0.001**	ug/L	0.013	2392	8	7	28	KED
⌊	**Se**	**78**	**0.189**	ug/L	0.336	177	10	12	42	KED
	Y	**89**		ug/L			754131	690237	2	Standard
	Kr	**83**		ug/L			56	74	6	Standard
⌈>	**In-1**	**115**		ug/L			13075	13019	2	KED
|	**Cd**	**111**	**0.008**	ug/L	0.009	105	2	4	48	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.005	155	6	4	67	KED
⌈>	**In**	**115**		ug/L			916337	750261	2	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	60	66	47	8	Standard
|	**Sb**	**121**	**-0.008**	ug/L	0.001	12	241	111	10	Standard
⌊	**Sb**	**123**	**-0.006**	ug/L	0.002	30	179	94	15	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1262753	1	Standard
⌊	**Pb**	**208**	**-0.003**	ug/L	0.001	27	594	417	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: RINSE
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 03:17:29
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	32443	4	Standard
	Cl	**37**		ug/L			7985356	7249417	3	Standard
⌈>	**Sc**	**45**		ug/L			1508428	1201370	1	Standard
|	**Cr**	**52**	**0.059**	ug/L	0.037	63	28874	24366	1	Standard
|	**Cr**	**53**	**0.317**	ug/L	0.008	2	419	1195	1	Standard
⌊	**Mn**	**55**	**-0.007**	ug/L	0.001	19	3185	2310	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	44817	0	KED
|	**Ni**	**60**	**-0.011**	ug/L	0.007	62	46	32	17	KED
|	**Ni**	**62**	**0.145**	ug/L	0.043	29	10	31	19	KED
|	**Cu**	**63**	**-0.014**	ug/L	0.005	36	179	125	10	KED
|	**Cu**	**65**	**-0.032**	ug/L	0.014	44	106	53	36	KED
|	**Zn**	**66**	**-0.359**	ug/L	0.024	6	216	84	9	KED
|	**Zn**	**67**	**-0.058**	ug/L	0.055	95	21	16	17	KED
|	**As**	**75**	**-0.002**	ug/L	0.011	662	8	7	26	KED
⌊	**Se**	**78**	**0.183**	ug/L	0.232	126	10	12	29	KED
	Y	**89**		ug/L			754131	689163	1	Standard
	Kr	**83**		ug/L			56	61	13	Standard
⌈>	**In-1**	**115**		ug/L			13075	13131	3	KED
|	**Cd**	**111**	**-0.000**	ug/L	0.005	238536	2	2	49	KED
⌊	**Cd**	**114**	**-0.002**	ug/L	0.008	329	6	4	91	KED
⌈>	**In**	**115**		ug/L			916337	750516	4	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.001	194	66	46	23	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.000	4	241	88	1	Standard
⌊	**Sb**	**123**	**-0.009**	ug/L	0.003	30	179	72	30	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1263325	2	Standard
⌊	**Pb**	**208**	**-0.002**	ug/L	0.000	16	594	450	4	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 03:22:15
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	23519	1	Standard
	Cl	**37**		ug/L			7985356	6952507	2	Standard
⌈>	**Sc**	**45**		ug/L			1508428	988970	2	Standard
|	**Cr**	**52**	**0.068**	ug/L	0.027	39	28874	20244	1	Standard
|	**Cr**	**53**	**0.358**	ug/L	0.017	4	419	1075	2	Standard
⌊	**Mn**	**55**	**-0.043**	ug/L	0.001	2	3185	859	4	Standard
⌈>	**Ge**	**72**		ug/L			49682	40241	2	KED
|	**Ni**	**60**	**0.015**	ug/L	0.003	20	46	49	6	KED
|	**Ni**	**62**	**0.141**	ug/L	0.034	24	10	27	14	KED
|	**Cu**	**63**	**-0.027**	ug/L	0.004	16	179	82	14	KED
|	**Cu**	**65**	**-0.036**	ug/L	0.009	25	106	43	27	KED
|	**Zn**	**66**	**-0.025**	ug/L	0.044	177	216	168	5	KED
|	**Zn**	**67**	**0.339**	ug/L	0.411	121	21	33	56	KED
|	**As**	**75**	**0.005**	ug/L	0.011	209	8	7	22	KED
⌊	**Se**	**78**	**0.061**	ug/L	0.155	256	10	9	22	KED
	Y	**89**		ug/L			754131	594830	0	Standard
	Kr	**83**		ug/L			56	61	30	Standard
⌈>	**In-1**	**115**		ug/L			13075	11049	1	KED
|	**Cd**	**111**	**0.010**	ug/L	0.013	129	2	3	66	KED
⌊	**Cd**	**114**	**-0.006**	ug/L	0.002	34	6	2	42	KED
⌈>	**In**	**115**		ug/L			916337	641912	2	Standard
|	**Ag**	**107**	**-0.001**	ug/L	0.000	62	66	34	17	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.001	7	241	80	6	Standard
⌊	**Sb**	**123**	**-0.009**	ug/L	0.002	21	179	63	19	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1091587	2	Standard
⌊	**Pb**	**208**	**-0.010**	ug/L	0.000	1	594	85	7	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 03:27:01
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	22797	5	Standard
	Cl	**37**		ug/L			7985356	7042205	1	Standard
⌈>	**Sc**	**45**		ug/L			1508428	975169	2	Standard
|	**Cr**	**52**	**0.056**	ug/L	0.044	77	28874	19727	2	Standard
|	**Cr**	**53**	**0.313**	ug/L	0.007	2	419	962	2	Standard
⌊	**Mn**	**55**	**-0.043**	ug/L	0.001	1	3185	857	3	Standard
⌈>	**Ge**	**72**		ug/L			49682	39565	3	KED
|	**Ni**	**60**	**0.026**	ug/L	0.020	76	46	57	26	KED
|	**Ni**	**62**	**0.052**	ug/L	0.053	102	10	15	43	KED
|	**Cu**	**63**	**-0.024**	ug/L	0.005	20	179	87	10	KED
|	**Cu**	**65**	**-0.037**	ug/L	0.004	10	106	41	9	KED
|	**Zn**	**66**	**-0.084**	ug/L	0.078	92	216	149	13	KED
|	**Zn**	**67**	**0.054**	ug/L	0.083	153	21	19	20	KED
|	**As**	**75**	**-0.001**	ug/L	0.005	344	8	6	11	KED
⌊	**Se**	**78**	**0.174**	ug/L	0.114	65	10	10	15	KED
	Y	**89**		ug/L			754131	584251	5	Standard
	Kr	**83**		ug/L			56	68	19	Standard
⌈>	**In-1**	**115**		ug/L			13075	10761	2	KED
|	**Cd**	**111**	**0.009**	ug/L	0.011	121	2	3	56	KED
⌊	**Cd**	**114**	**-0.006**	ug/L	0.005	79	6	2	88	KED
⌈>	**In**	**115**		ug/L			916337	637367	1	Standard
|	**Ag**	**107**	**-0.000**	ug/L	0.000	242	66	43	13	Standard
|	**Sb**	**121**	**-0.010**	ug/L	0.001	12	241	74	15	Standard
⌊	**Sb**	**123**	**-0.009**	ug/L	0.001	16	179	64	16	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1094793	1	Standard
⌊	**Pb**	**208**	**-0.010**	ug/L	0.000	2	594	92	13	Standard

ICP-MS Quantitative Analysis - Summary Report

Sample ID: DI
Sample Dil Factor:
Comments:
Sample Date/Time: Tuesday, March 10, 2020 03:31:47
Number of Replicates: 3
Method File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Method\200.8_DailyMethod.mth
Tuning File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\MassCal\Default.tun
Optimization File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\Conditions\Default.dac
Calibration File: C:\Users\metals\Documents\PerkinElmer Syngistix\ICPMS_metals\System\030920.cal

	Analyte	Mass	Conc. Mean	Units	Conc. SD	Conc. RSD	Blank Intens.	Meas. Intens.	Intens. RSD	Mode
	C	**13**		ug/L			27481	22274	4	Standard
	Cl	**37**		ug/L			7985356	6942399	0	Standard
⌈>	**Sc**	**45**		ug/L			1508428	964297	1	Standard
|	**Cr**	**52**	**0.033**	ug/L	0.013	38	28874	19083	1	Standard
|	**Cr**	**53**	**0.297**	ug/L	0.003	1	419	915	0	Standard
⌊	**Mn**	**55**	**-0.041**	ug/L	0.000	1	3185	898	1	Standard
⌈>	**Ge**	**72**		ug/L			49682	39959	1	KED
|	**Ni**	**60**	**0.010**	ug/L	0.016	161	46	45	26	KED
|	**Ni**	**62**	**0.099**	ug/L	0.046	46	10	21	26	KED
|	**Cu**	**63**	**-0.023**	ug/L	0.004	16	179	90	11	KED
|	**Cu**	**65**	**-0.039**	ug/L	0.004	10	106	40	12	KED
|	**Zn**	**66**	**-0.060**	ug/L	0.038	62	216	157	5	KED
|	**Zn**	**67**	**0.119**	ug/L	0.008	6	21	22	0	KED
|	**As**	**75**	**0.009**	ug/L	0.014	160	8	8	26	KED
⌊	**Se**	**78**	**0.263**	ug/L	0.088	33	10	12	11	KED
	Y	**89**		ug/L			754131	592667	1	Standard
	Kr	**83**		ug/L			56	51	26	Standard
⌈>	**In-1**	**115**		ug/L			13075	10514	3	KED
|	**Cd**	**111**	**-0.001**	ug/L	0.008	653	2	1	91	KED
⌊	**Cd**	**114**	**-0.003**	ug/L	0.008	273	6	3	92	KED
⌈>	**In**	**115**		ug/L			916337	641780	3	Standard
|	**Ag**	**107**	**0.000**	ug/L	0.000	2420	66	46	6	Standard
|	**Sb**	**121**	**-0.013**	ug/L	0.001	9	241	56	21	Standard
⌊	**Sb**	**123**	**-0.009**	ug/L	0.001	13	179	60	14	Standard
⌈>	**Tb**	**159**		ug/L			1387135	1070969	1	Standard
⌊	**Pb**	**208**	**-0.010**	ug/L	0.000	5	594	96	20	Standard

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitoring
Instrument ID: ICPMS2
Calibration: DC00022
Control Limt: +/- 10.00%
Sequence: SIC0104

Lab Sample ID	Analyte	True	Found	%R	Units	Method
SIC0104-ICV1	Arsenic-75a (dissolved)	50.000	47.9	95.7	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV1	Arsenic-75a (dissolved)	50.000	50.5	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV2	Arsenic-75a (dissolved)	50.000	50.6	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV3	Arsenic-75a (dissolved)	50.000	50.5	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV4	Arsenic-75a (dissolved)	50.000	50.8	102	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV5	Arsenic-75a (dissolved)	50.000	50.5	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV6	Arsenic-75a (dissolved)	50.000	50.3	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV7	Arsenic-75a (dissolved)	50.000	50.3	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV8	Arsenic-75a (dissolved)	50.000	50.8	102	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCV9	Arsenic-75a (dissolved)	50.000	50.9	102	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCVA	Arsenic-75a (dissolved)	50.000	50.6	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCVB	Arsenic-75a (dissolved)	50.000	50.6	101	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCVC	Arsenic-75a (dissolved)	50.000	49.5	99.0	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCVD	Arsenic-75a (dissolved)	50.000	50.8	102	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCVE	Arsenic-75a (dissolved)	50.000	51.8	104	ug/L	EPA 200.8 UCT-KEI
SIC0104-CCVF	Arsenic-75a (dissolved)	50.000	51.1	102	ug/L	EPA 200.8 UCT-KEI

* Values outside of QC limits

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitoring
Sequence: SIC0104
Instrument: ICPMS2
Calibration: DC00022

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CAL 0	SIC0104-CAL1	XDT_m2200309-006	NA	03/09/20 11:15
CAL 1 - LOW CHECK	SIC0104-CAL2	XDT_m2200309-007	NA	03/09/20 11:20
CAL 2	SIC0104-CAL3	XDT_m2200309-008	NA	03/09/20 11:25
CAL 3	SIC0104-CAL4	XDT_m2200309-009	NA	03/09/20 11:30
CAL 4	SIC0104-CAL5	XDT_m2200309-010	NA	03/09/20 11:35
CAL 5	SIC0104-CAL6	XDT_m2200309-011	NA	03/09/20 11:42
RINSE	SIC0104-IBL1	XDT_m2200309-012	NA	03/09/20 11:49
Initial Cal Check	SIC0104-ICV1	XDT_m2200309-014	NA	03/09/20 11:57
Initial Cal Blank	SIC0104-ICB1	XDT_m2200309-015	NA	03/09/20 12:04
Calibration Check	SIC0104-CCV1	XDT_m2200309-016	NA	03/09/20 12:10
Calibration Blank	SIC0104-CCB1	XDT_m2200309-017	NA	03/09/20 12:17
Instrument RL Check	SIC0104-CRL1	XDT_m2200309-019	NA	03/09/20 12:28
Interference Check A	SIC0104-IFA1	XDT_m2200309-020	NA	03/09/20 12:35
Interference Check B	SIC0104-IFB1	XDT_m2200309-021	NA	03/09/20 12:40
LR200	SIC0104-HCV1	XDT_m2200309-022	NA	03/09/20 12:47
LR300	SIC0104-HCV2	XDT_m2200309-023	NA	03/09/20 12:51
Instrument Blank	SIC0104-IBL2	XDT_m2200309-024	NA	03/09/20 13:01
Instrument Blank	SIC0104-IBL3	XDT_m2200309-025	NA	03/09/20 13:07
Instrument Blank	SIC0104-IBL4	XDT_m2200309-026	NA	03/09/20 13:14
Calibration Check	SIC0104-CCV2	XDT_m2200309-027	NA	03/09/20 13:20
Calibration Blank	SIC0104-CCB2	XDT_m2200309-028	NA	03/09/20 13:28
Blank	BIC0127-BLK1	XDT_m2200309-029	Water	03/09/20 13:39
LCS	BIC0127-BS1	XDT_m2200309-030	Water	03/09/20 13:43
Instrument Blank	SIC0104-IBL5	XDT_m2200309-037	NA	03/09/20 14:24
Instrument Blank	SIC0104-IBL6	XDT_m2200309-038	NA	03/09/20 14:34
Calibration Check	SIC0104-CCV3	XDT_m2200309-039	NA	03/09/20 14:43
Calibration Blank	SIC0104-CCB3	XDT_m2200309-040	NA	03/09/20 14:50
Calibration Check	SIC0104-CCV4	XDT_m2200309-045	NA	03/09/20 15:25
Calibration Blank	SIC0104-CCB4	XDT_m2200309-046	NA	03/09/20 15:33
ZZZZZ	20C0075-01	XDT_m2200309-049	Water	03/09/20 15:48

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitoring
Sequence: SIC0104
Instrument: ICPMS2
Calibration: DC00022

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
ZZZZZ	20C0075-01	XDT_m2200309-049	Water	03/09/20 15:48
ZZZZZ	20C0075-02	XDT_m2200309-050	Water	03/09/20 15:54
ZZZZZ	20C0075-03	XDT_m2200309-051	Water	03/09/20 15:59
ZZZZZ	20C0075-03	XDT_m2200309-051	Water	03/09/20 15:59
ZZZZZ	20C0075-04	XDT_m2200309-052	Water	03/09/20 16:04
ZZZZZ	20C0075-05	XDT_m2200309-053	Water	03/09/20 16:09
ZZZZZ	20C0075-05	XDT_m2200309-053	Water	03/09/20 16:09
Calibration Check	SIC0104-CCV5	XDT_m2200309-057	NA	03/09/20 16:38
Calibration Blank	SIC0104-CCB5	XDT_m2200309-058	NA	03/09/20 16:45
Calibration Check	SIC0104-CCV6	XDT_m2200309-060	NA	03/09/20 17:03
Calibration Blank	SIC0104-CCB6	XDT_m2200309-061	NA	03/09/20 17:10
Instrument Blank	SIC0104-IBL7	XDT_m2200309-071	NA	03/09/20 18:10
Calibration Check	SIC0104-CCV7	XDT_m2200309-072	NA	03/09/20 18:18
Calibration Blank	SIC0104-CCB7	XDT_m2200309-073	NA	03/09/20 18:25
Calibration Check	SIC0104-CCV8	XDT_m2200309-084	NA	03/09/20 19:36
Calibration Blank	SIC0104-CCB8	XDT_m2200309-085	NA	03/09/20 19:43
ZZZZZ	20C0060-01	XDT_m2200309-088	Water	03/09/20 19:58
ZZZZZ	20C0060-02	XDT_m2200309-089	Water	03/09/20 20:03
ZZZZZ	20C0060-03	XDT_m2200309-090	Water	03/09/20 20:07
ZZZZZ	20C0060-04	XDT_m2200309-091	Water	03/09/20 20:13
ZZZZZ	20C0066-01	XDT_m2200309-092	Water	03/09/20 20:20
ZZZZZ	20C0066-01	XDT_m2200309-092	Water	03/09/20 20:20
ZZZZZ	20C0066-01	XDT_m2200309-092	Water	03/09/20 20:20
Instrument Blank	SIC0104-IBL8	XDT_m2200309-095	NA	03/09/20 20:38
Calibration Check	SIC0104-CCV9	XDT_m2200309-096	NA	03/09/20 20:46
Calibration Blank	SIC0104-CCB9	XDT_m2200309-097	NA	03/09/20 20:53
ZZZZZ	20C0068-01	XDT_m2200309-098	Water	03/09/20 20:58
ZZZZZ	20C0069-02	XDT_m2200309-099	Water	03/09/20 21:04
ZZZZZ	20C0069-02	XDT_m2200309-099	Water	03/09/20 21:04
CMW-4-20200227	20B0331-01	XDT_m2200309-100	Water	03/09/20 21:09

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitoring
Sequence: SIC0104
Instrument: ICPMS2
Calibration: DC00022

Sample Name	Lab Sample ID	Lab File ID	Matrix	Analysis Date/Time
CMW-400-20200227	20B0331-02	XDT_m2200309-101	Water	03/09/20 21:14
CMW-2-20200227	20B0331-04	XDT_m2200309-102	Water	03/09/20 21:19
CMW-3-20200227	20B0331-05	XDT_m2200309-103	Water	03/09/20 21:24
CMW-1-20200227	20B0331-03	XDT_m2200309-104	Water	03/09/20 21:29
CMW-1-20200227	BIC0127-DUP1	XDT_m2200309-105	Water	03/09/20 21:33
CMW-1-20200227	BIC0127-MS1	XDT_m2200309-106	Water	03/09/20 21:39
Instrument Blank	SIC0104-IBL9	XDT_m2200309-107	NA	03/09/20 21:46
Calibration Check	SIC0104-CCVA	XDT_m2200309-108	NA	03/09/20 21:54
Calibration Blank	SIC0104-CCBA	XDT_m2200309-109	NA	03/09/20 22:01
Calibration Check	SIC0104-CCVB	XDT_m2200309-111	NA	03/09/20 22:11
Calibration Blank	SIC0104-CCBB	XDT_m2200309-112	NA	03/09/20 22:18
Instrument Blank	SIC0104-IBLA	XDT_m2200309-122	NA	03/09/20 23:14
Calibration Check	SIC0104-CCVC	XDT_m2200309-123	NA	03/09/20 23:21
Calibration Blank	SIC0104-CCBC	XDT_m2200309-124	NA	03/09/20 23:29
ZZZZZ	20C0089-03	XDT_m2200309-129	Water	03/09/20 23:57
ZZZZZ	20C0089-02	XDT_m2200309-130	Water	03/10/20 00:02
ZZZZZ	20C0089-01	XDT_m2200309-131	Water	03/10/20 00:07
Instrument Blank	SIC0104-IBLB	XDT_m2200309-134	NA	03/10/20 00:24
Calibration Check	SIC0104-CCVD	XDT_m2200309-135	NA	03/10/20 00:32
Calibration Blank	SIC0104-CCBD	XDT_m2200309-136	NA	03/10/20 00:39
ZZZZZ	20C0094-01	XDT_m2200309-140	Water	03/10/20 01:00
ZZZZZ	20C0094-03	XDT_m2200309-141	Water	03/10/20 01:04
ZZZZZ	20C0094-05	XDT_m2200309-142	Water	03/10/20 01:09
Calibration Check	SIC0104-CCVE	XDT_m2200309-147	NA	03/10/20 01:44
Calibration Blank	SIC0104-CCBE	XDT_m2200309-148	NA	03/10/20 01:51
Instrument Blank	SIC0104-IBLC	XDT_m2200309-154	NA	03/10/20 02:40
Instrument Blank	SIC0104-IBLD	XDT_m2200309-155	NA	03/10/20 02:48
Calibration Check	SIC0104-CCVF	XDT_m2200309-156	NA	03/10/20 02:55
Calibration Blank	SIC0104-CCBF	XDT_m2200309-157	NA	03/10/20 03:03

ICP INTERFERENCE CHECK SAMPLE

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitorin
Instrument ID: ICPMS2
Calibration: DC00022
Sequence: SIC0104
Standard ID: I001847

Lab Sample ID	Analyte	True	Found	%R	Units
SIC0104-IFA1	Arsenic-75a (dissolved)	0	0.0150		ug/L

* Indicates %R outside of QC limits
NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

ICP INTERFERENCE CHECK SAMPLE

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitorin
Instrument ID: ICPMS2
Calibration: DC00022
Sequence: SIC0104
Standard ID: I001847

Lab Sample ID	Analyte	True	Found	%R	Units
SIC0104-IFB1	Arsenic-75a (dissolved)	20.000	19.424	97.1	ug/L

* Indicates %R outside of QC limits
NOTE: True value and %R are populated only for analytes found in the interference check standards, and will be seen only if those analytes were requested.

DETECTION LEVEL STANDARD
EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monitori
Instrument ID: ICPMS2
Calibration: DC00022
Sequence: SIC0104
Lab Sample ID: SIC0104-CRL1

Analyte	True	Found	%R	Units	QC Limts
Arsenic-75a (dissolved)	0.20000	0.221	111	ug/L	50 - 150

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monito
Calibration: DC00022
Laboratory ID: SIC0104-HCV1
Sequence: SIC0104
Standard ID: I001901

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Arsenic-75a (dissolved)	200.00	194	-3.0	10.00

* Values outside of QC limits

Analytical Resources, Incorporated
Analytical Chemists and Consultants

HIGH-CONCENTRATION CALIBRATION VERIFICATION

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Monito
Calibration: DC00022
Laboratory ID: SIC0104-HCV2
Sequence: SIC0104
Standard ID: I001770

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
Arsenic-75a (dissolved)	300.00	293	-2.4	10.00

* Values outside of QC limits

HOLDING TIME SUMMARY

Analysis: EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc. SDG: 20B0331

Client: Anchor QEA, LLC Project: Port of Tacoma- Wasser Winter GW Monitoring

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
CMW-4-20200227 20B0331-01	02/27/20 09:30	02/27/20 14:10	03/06/20 13:04	8	180	03/09/20 21:09	11	180	
CMW-400-20200227 20B0331-02	02/27/20 09:35	02/27/20 14:10	03/06/20 13:04	8	180	03/09/20 21:14	11	180	
CMW-1-20200227 20B0331-03	02/27/20 10:35	02/27/20 14:10	03/06/20 13:04	8	180	03/09/20 21:29	11	180	
CMW-2-20200227 20B0331-04	02/27/20 11:35	02/27/20 14:10	03/06/20 13:04	8	180	03/09/20 21:19	11	180	
CMW-3-20200227 20B0331-05	02/27/20 12:45	02/27/20 14:10	03/06/20 13:04	8	180	03/09/20 21:24	11	180	
Duplicate BIC0127-DUP1	02/27/20 10:35	02/27/20 14:10	03/06/20 13:04	8	180	03/09/20 21:33	11	180	
Matrix Spike BIC0127-MS1	02/27/20 10:35	02/27/20 14:10	03/06/20 13:04	8	180	03/09/20 21:39	11	180	

* Indicates hold time exceedance.

METHOD DETECTION AND REPORTING LIMITS

EPA 200.8 UCT-KED

Laboratory: Analytical Resources, Inc.
SDG: 20B0331
Client: Anchor QEA, LLC
Project: Port of Tacoma- Wasser Winter GW Moni
Matrix: Water
Instrument: ICPMS2

Analyte	MDL	RL	Units
Arsenic-75a (dissolved)	0.0220	0.200	ug/L

Appendix C
Data Validation Report

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Anchor QEA, LLC
720 Olive Way, Suite 1900
Seattle, WA 98101
ATTN: Ms. Delaney Peterson
dpeterson@anchorqea.com

April 2, 2020

SUBJECT: Tacoma Harbor, Wasser and Winters, Data Validation

Dear Ms. Peterson,

Enclosed is the final validation report for the fraction listed below. This SDG was received on March 16, 2020. Attachment 1 is a summary of the samples that were reviewed for analysis.

LDC Project #47545:

SDG #	Fraction
20B0331	Dissolved Arsenic

The data validation was performed under Stage 2B guidelines. The analyses were validated using the following documents, as applicable to each method:

- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review; January 2017

Please feel free to contact us if you have any questions.

Sincerely,

Christina Rink

Christina Rink
crink@lab-data.com
Project Manager/Senior Chemist

202 pages-ADV

Attachment 1

EDD	Stage 2B	LDC #47545 (Anchor Environmental-Seattle WA / Port of Tacoma, Wasser and Winters)																																			
LDC	SDG#	DATE REC'D	(3) DATE DUE	Diss. As (200.8)																																	
Matrix:	Water/Sediment			W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	20B0331	03/16/20	04/06/20	5	0																																
Total	J/CR			5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5

Shaded cells indicate Stage 4 validation (all other cells are Stage 2B validation). These sample counts do not include MS, MSD, or DUP's. L:\Anchor\Port of Tacoma\Wasser Winter\47545ST.wpd

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Port of Tacoma, Wasser and Winters

LDC Report Date: March 26, 2020

Parameters: Dissolved Arsenic

Validation Level: Stage 2B

Laboratory: Analytical Resources, Inc.

Sample Delivery Group (SDG): 20B0331

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
CMW-4-20200227	20B0331-01	Water	02/27/20
CMW-400-20200227	20B0331-02	Water	02/27/20
CMW-1-20200227	20B0331-03	Water	02/27/20
CMW-2-20200227	20B0331-04	Water	02/27/20
CMW-3-20200227	20B0331-05	Water	02/27/20
CMW-1-20200227MS	20B0331-03MS	Water	02/27/20
CMW-1-20200227DUP	20B0331-03DUP	Water	02/27/20

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Dissolved Arsenic by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

The frequency of interference check sample (ICS) analysis was met. All criteria were within QC limits.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Arsenic	0.0270 ug/L	All samples in SDG 20B0331

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks.

VI. Field Blanks

No field blanks were identified in this SDG.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits.

VIII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

IX. Serial Dilution

Serial dilution was not performed for this SDG.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

Samples CMW-4-20200227 and CMW-400-20200227 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	CMW-4-20200227	CMW-400-20200227	
Arsenic	7.52	7.31	3

XII. Internal Standards (ICP-MS)

Internal standards were not reviewed for stage 2B validation.

XIII. Sample Result Verification

Raw data were not reviewed for Stage 2B validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Port of Tacoma, Wasser and Winters
Dissolved Arsenic - Data Qualification Summary - SDG 20B0331

No Sample Data Qualified in this SDG

Port of Tacoma, Wasser and Winters
Dissolved Arsenic - Laboratory Blank Data Qualification Summary - SDG 20B0331

No Sample Data Qualified in this SDG

LDC #: 47545A4a

SDG #: 20B0331

Laboratory: Analytical Resources, Inc.

VALIDATION COMPLETENESS WORKSHEET

Stage 2B

Date: 3/17/2020

Page: 1 of 1

Reviewer: DTM

2nd Reviewer:

METHOD: Dissolved Arsenic (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	A	
V.	Laboratory Blanks	SW	
VI.	Field Blanks	N	
VII.	Matrix Spike/Matrix Spike Duplicates	A	
VIII.	Duplicate sample analysis	A	
IX.	Serial Dilution	N	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	SW	(1,2)
XII.	Internal Standard (ICP-MS)	N	NOT REVIEWED
XIII.	Sample Result Verification	N	
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	CMW-4-20200227	20B0331-01	Water	02/27/20
2	CMW-400-20200227	20B0331-02	Water	02/27/20
3	CMW-1-20200227	20B0331-03	Water	02/27/20
4	CMW-2-20200227	20B0331-04	Water	02/27/20
5	CMW-3-20200227	20B0331-05	Water	02/27/20
6	CMW-1-20200227MS	20B0331-03MS	Water	02/27/20
7	CMW-1-20200227DUP	20B0331-03DUP	Water	02/27/20
8				
9				
10				
11				
12				

Notes:

LDC #: 47545A4a

VALIDATION FINDINGS WORKSHEET
PB/ICB/CCB QUALIFIED SAMPLES

METHOD: Trace metals (EPA SW 864 Method 6010/6020/7000) Soil preparation factor applied:____
Sample Concentration units, unless otherwise noted: ug/L Associated Samples: ALL WATER

					Sample Identification										
Analyte	**Maximum PB[a] (mg/L)**	**Maximum PB[a] (ug/L)**	**Maximum ICB/CCB[a] (ug/L)**	**Action Level**	**NO QUAL**										
As			0.0270	0.135											

Samples with analyte concentrations within five times the associated ICB, CCB or PB concentration are listed above with the identifications from the Validation Completeness Worksheet. These sample results were qualified as not detected, "U".
Note : a - The listed analyte concentration is the highest ICB, CCB, or PB detected in the analysis of each element.

LDC#: 47545A4a

VALIDATION FINDINGS WORKSHEET

Field Duplicates

Reviewer: DTM

2nd Reviewer:

METHOD: Metals (EPA Method 6010/6020/7000)

Analyte	Concentration (ug/L)		RPD
	1	2	
Arsenic	7.52	7.31	3

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