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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

Attn: Aquarium

Generated 4/18/2025 7:08:00 PM

JOB DESCRIPTION

Nono Project - ACF

JOB NUMBER

705-25905-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Table of Contents

Definitions/Glossary

Client: Georgia Aquarium Inc
Job ID: 705-25905-1
Project/Site: Nono Project - ACF

Qualifiers

Metals

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-25905-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/2/2025 3:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: CCV was outside method limits for Strontium . QC Samples were within control limits and kept on. (CCV 705-46652/21)

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-46518 and analytical batch 705-47431 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: LRC is out of range for Strontium, however CCVH will be used instead. Samples with a hit below CCVH cab be reported.

Method 6020B - Total Recoverable: The following samples were diluted due to the nature of the sample matrix: Regenerated Nano Media (RNM) (705-25905-1) and Regenerated Swollen Nano Media (RSNM) (705-25905-2). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-47325 and analytical batch 705-49004 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 6020B - Total Recoverable: The following sample was diluted due to the nature of the sample matrix:To keep CCVS within control limits Regenerated Swollen Nano Media (RSNM) (705-25905-2). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-47325 and analytical batch 705-49257 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 705-49257 exhibited % difference of > 30% for the following analyte(s)Calcium; however, the results were within the LCS acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Client Sample ID: Regenerated Nano Media (RNM) — Lab Sample ID: 705-25905-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	3100		50		ug/L	1		6010D	Total/NA
Lithium	560		20		ug/L	1		6010D	Total/NA
Phosphorus	3700		100		ug/L	1		6010D	Total/NA
Strontium	7600		250		ug/L	5		6010D	Total/NA
Aluminum	260		250		ug/L	5		6020B	Total Recoverable
Barium	58		50		ug/L	5		6020B	Total Recoverable
Calcium	420000		5000		ug/L	50		6020B	Total Recoverable
Magnesium	1500000		5000		ug/L	50		6020B	Total Recoverable
Potassium	390000		5000		ug/L	50		6020B	Total Recoverable
Sodium	11000000		5000000		ug/L	10000		6020B	Total Recoverable

Client Sample ID: Regenerated Swollen Nano Media (RSNM) — Lab Sample ID: 705-25905-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Boron	3100		50		ug/L	1		6010D	Total/NA
Lithium	540		20		ug/L	1		6010D	Total/NA
Phosphorus	3300		100		ug/L	1		6010D	Total/NA
Strontium	7400		250		ug/L	5		6010D	Total/NA
Aluminum	320		250		ug/L	5		6020B	Total Recoverable
Barium	61		50		ug/L	5		6020B	Total Recoverable
Calcium	550000		5000		ug/L	50		6020B	Total Recoverable
Magnesium	1400000		5000		ug/L	50		6020B	Total Recoverable
Potassium	380000		5000		ug/L	50		6020B	Total Recoverable
Sodium	1200000		500000		ug/L	1000		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Client Sample ID: Regenerated Nano Media (RNM)
Date Collected: 04/02/25 14:30
Date Received: 04/02/25 15:34

Lab Sample ID: 705-25905-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/13/25 23:52	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/13/25 23:52	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			04/13/25 23:52	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/13/25 23:52	1
1,1-Dichloroethane	ND		1.0		ug/L			04/13/25 23:52	1
1,1-Dichloroethene	ND		1.0		ug/L			04/13/25 23:52	1
1,1-Dichloropropene	ND		1.0		ug/L			04/13/25 23:52	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/13/25 23:52	1
1,2,3-Trichloropropane	ND		1.0		ug/L			04/13/25 23:52	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/13/25 23:52	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/13/25 23:52	1
1,2-Dibromoethane	ND		1.0		ug/L			04/13/25 23:52	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/13/25 23:52	1
1,2-Dichloroethane	ND		1.0		ug/L			04/13/25 23:52	1
1,2-Dichloroethene, Total	ND		1.0		ug/L			04/13/25 23:52	1
1,2-Dichloropropane	ND		1.0		ug/L			04/13/25 23:52	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/13/25 23:52	1
1,3-Dichloropropane	ND		1.0		ug/L			04/13/25 23:52	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/13/25 23:52	1
2,2-Dichloropropane	ND		1.0		ug/L			04/13/25 23:52	1
2-Butanone (MEK)	ND		10		ug/L			04/13/25 23:52	1
2-Chlorotoluene	ND		1.0		ug/L			04/13/25 23:52	1
2-Hexanone	ND		10		ug/L			04/13/25 23:52	1
4-Chlorotoluene	ND		1.0		ug/L			04/13/25 23:52	1
p-Isopropyltoluene	ND		1.0		ug/L			04/13/25 23:52	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			04/13/25 23:52	1
Acetone	ND		10		ug/L			04/13/25 23:52	1
Benzene	ND		1.0		ug/L			04/13/25 23:52	1
Bromobenzene	ND		1.0		ug/L			04/13/25 23:52	1
Bromochloromethane	ND		1.0		ug/L			04/13/25 23:52	1
Bromodichloromethane	ND		1.0		ug/L			04/13/25 23:52	1
Bromoform	ND		1.0		ug/L			04/13/25 23:52	1
Bromomethane	ND		1.0		ug/L			04/13/25 23:52	1
Carbon disulfide	ND		2.0		ug/L			04/13/25 23:52	1
Carbon tetrachloride	ND		1.0		ug/L			04/13/25 23:52	1
Chlorobenzene	ND		1.0		ug/L			04/13/25 23:52	1
Chloroethane	ND		1.0		ug/L			04/13/25 23:52	1
Chloroform	ND		1.0		ug/L			04/13/25 23:52	1
Chloromethane	ND		1.0		ug/L			04/13/25 23:52	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/13/25 23:52	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/13/25 23:52	1
Dibromochloromethane	ND		1.0		ug/L			04/13/25 23:52	1
Dibromomethane	ND		1.0		ug/L			04/13/25 23:52	1
Ethylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
Hexachlorobutadiene	ND		1.0		ug/L			04/13/25 23:52	1
Isopropylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
m-Xylene & p-Xylene	ND		2.0		ug/L			04/13/25 23:52	1

Client Sample ID: Regenerated Nano Media (RNM)
Date Collected: 04/02/25 14:30
Date Received: 04/02/25 15:34

Lab Sample ID: 705-25905-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0		ug/L			04/13/25 23:52	1
Methylene Chloride	ND		5.0		ug/L			04/13/25 23:52	1
Naphthalene	ND		2.0		ug/L			04/13/25 23:52	1
n-Butylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
N-Propylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
o-Xylene	ND		1.0		ug/L			04/13/25 23:52	1
sec-Butylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
Styrene	ND		1.0		ug/L			04/13/25 23:52	1
tert-Butylbenzene	ND		1.0		ug/L			04/13/25 23:52	1
Tetrachloroethene	ND		1.0		ug/L			04/13/25 23:52	1
Toluene	ND		1.0		ug/L			04/13/25 23:52	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/13/25 23:52	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			04/13/25 23:52	1
Trichloroethene	ND		1.0		ug/L			04/13/25 23:52	1
Trichlorofluoromethane	ND		1.0		ug/L			04/13/25 23:52	1
Vinyl acetate	ND		10		ug/L			04/13/25 23:52	1
Vinyl chloride	ND		1.0		ug/L			04/13/25 23:52	1
Xylenes, Total	ND		1.0		ug/L			04/13/25 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 126*		*04/13/25 23:52*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 121*		*04/13/25 23:52*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*04/13/25 23:52*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3100**		50		ug/L		04/07/25 08:02	04/07/25 13:03	1
Lithium	**560**		20		ug/L		04/07/25 08:02	04/10/25 11:43	1
Phosphorus	**3700**		100		ug/L		04/07/25 08:02	04/07/25 13:03	1
Strontium	**7600**		250		ug/L		04/07/25 08:02	04/14/25 17:40	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**260**		250		ug/L		04/10/25 09:54	04/15/25 04:24	5
Antimony	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Arsenic	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Barium	**58**		50		ug/L		04/10/25 09:54	04/15/25 04:24	5
Beryllium	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:24	5
Cadmium	ND		3.5		ug/L		04/10/25 09:54	04/15/25 04:24	5
Calcium	**420000**		5000		ug/L		04/10/25 09:54	04/17/25 19:36	50
Chromium	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Cobalt	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Copper	ND		10		ug/L		04/10/25 09:54	04/15/25 04:24	5
Iron	ND		100		ug/L		04/10/25 09:54	04/16/25 21:35	5
Lead	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:24	5
Magnesium	**1500000**		5000		ug/L		04/10/25 09:54	04/16/25 20:01	50
Manganese	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Molybdenum	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Nickel	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Potassium	**390000**		5000		ug/L		04/10/25 09:54	04/16/25 20:01	50

Client Sample ID: Regenerated Nano Media (RNM)

Lab Sample ID: 705-25905-1

Date Collected: 04/02/25 14:30

Matrix: Water

Date Received: 04/02/25 15:34

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Silver	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:24	5
Sodium	**11000000**		5000000		ug/L		04/10/25 09:54	04/16/25 20:28	10000
Thallium	ND	F1	5.0		ug/L		04/10/25 09:54	04/16/25 21:35	5
Tin	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Vanadium	ND		25		ug/L		04/10/25 09:54	04/15/25 04:24	5
Zinc	ND		50		ug/L		04/10/25 09:54	04/15/25 04:24	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		04/10/25 19:06	04/10/25 23:26	1

Client Sample ID: Regenerated Swollen Nano Media (RSNM)

Lab Sample ID: 705-25905-2

Date Collected: 04/02/25 14:30

Matrix: Water

Date Received: 04/02/25 15:34

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/14/25 00:16	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/14/25 00:16	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			04/14/25 00:16	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/14/25 00:16	1
1,1-Dichloroethane	ND		1.0		ug/L			04/14/25 00:16	1
1,1-Dichloroethene	ND		1.0		ug/L			04/14/25 00:16	1
1,1-Dichloropropene	ND		1.0		ug/L			04/14/25 00:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/14/25 00:16	1
1,2,3-Trichloropropane	ND		1.0		ug/L			04/14/25 00:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/14/25 00:16	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/14/25 00:16	1
1,2-Dibromoethane	ND		1.0		ug/L			04/14/25 00:16	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/14/25 00:16	1
1,2-Dichloroethane	ND		1.0		ug/L			04/14/25 00:16	1
1,2-Dichloroethene, Total	ND		1.0		ug/L			04/14/25 00:16	1
1,2-Dichloropropane	ND		1.0		ug/L			04/14/25 00:16	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/14/25 00:16	1
1,3-Dichloropropane	ND		1.0		ug/L			04/14/25 00:16	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/14/25 00:16	1
2,2-Dichloropropane	ND		1.0		ug/L			04/14/25 00:16	1
2-Butanone (MEK)	ND		10		ug/L			04/14/25 00:16	1
2-Chlorotoluene	ND		1.0		ug/L			04/14/25 00:16	1
2-Hexanone	ND		10		ug/L			04/14/25 00:16	1
4-Chlorotoluene	ND		1.0		ug/L			04/14/25 00:16	1
p-Isopropyltoluene	ND		1.0		ug/L			04/14/25 00:16	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			04/14/25 00:16	1
Acetone	ND		10		ug/L			04/14/25 00:16	1
Benzene	ND		1.0		ug/L			04/14/25 00:16	1
Bromobenzene	ND		1.0		ug/L			04/14/25 00:16	1
Bromochloromethane	ND		1.0		ug/L			04/14/25 00:16	1

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Client Sample ID: Regenerated Swollen Nano Media (RSNM)

Lab Sample ID: 705-25905-2

Date Collected: 04/02/25 14:30
Matrix: Water
Date Received: 04/02/25 15:34

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0		ug/L			04/14/25 00:16	1
Bromoform	ND		1.0		ug/L			04/14/25 00:16	1
Bromomethane	ND		1.0		ug/L			04/14/25 00:16	1
Carbon disulfide	ND		2.0		ug/L			04/14/25 00:16	1
Carbon tetrachloride	ND		1.0		ug/L			04/14/25 00:16	1
Chlorobenzene	ND		1.0		ug/L			04/14/25 00:16	1
Chloroethane	ND		1.0		ug/L			04/14/25 00:16	1
Chloroform	ND		1.0		ug/L			04/14/25 00:16	1
Chloromethane	ND		1.0		ug/L			04/14/25 00:16	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/14/25 00:16	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/14/25 00:16	1
Dibromochloromethane	ND		1.0		ug/L			04/14/25 00:16	1
Dibromomethane	ND		1.0		ug/L			04/14/25 00:16	1
Ethylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
Hexachlorobutadiene	ND		1.0		ug/L			04/14/25 00:16	1
Isopropylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
m-Xylene & p-Xylene	ND		2.0		ug/L			04/14/25 00:16	1
Methyl tert-butyl ether	ND		1.0		ug/L			04/14/25 00:16	1
Methylene Chloride	ND		5.0		ug/L			04/14/25 00:16	1
Naphthalene	ND		2.0		ug/L			04/14/25 00:16	1
n-Butylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
N-Propylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
o-Xylene	ND		1.0		ug/L			04/14/25 00:16	1
sec-Butylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
Styrene	ND		1.0		ug/L			04/14/25 00:16	1
tert-Butylbenzene	ND		1.0		ug/L			04/14/25 00:16	1
Tetrachloroethene	ND		1.0		ug/L			04/14/25 00:16	1
Toluene	ND		1.0		ug/L			04/14/25 00:16	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/14/25 00:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			04/14/25 00:16	1
Trichloroethene	ND		1.0		ug/L			04/14/25 00:16	1
Trichlorofluoromethane	ND		1.0		ug/L			04/14/25 00:16	1
Vinyl acetate	ND		10		ug/L			04/14/25 00:16	1
Vinyl chloride	ND		1.0		ug/L			04/14/25 00:16	1
Xylenes, Total	ND		1.0		ug/L			04/14/25 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*04/14/25 00:16*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 121*		*04/14/25 00:16*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*04/14/25 00:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3100**		50		ug/L		04/07/25 08:02	04/07/25 13:06	1
Lithium	**540**		20		ug/L		04/07/25 08:02	04/10/25 11:45	1
Phosphorus	**3300**		100		ug/L		04/07/25 08:02	04/07/25 13:06	1
Strontium	**7400**		250		ug/L		04/07/25 08:02	04/14/25 17:43	5

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Client Sample ID: Regenerated Swollen Nano Media (RSNM)

Lab Sample ID: 705-25905-2

Date Collected: 04/02/25 14:30
Matrix: Water
Date Received: 04/02/25 15:34

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**320**		250		ug/L		04/10/25 09:54	04/15/25 04:41	5
Antimony	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Arsenic	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Barium	**61**		50		ug/L		04/10/25 09:54	04/15/25 04:41	5
Beryllium	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:41	5
Cadmium	ND		3.5		ug/L		04/10/25 09:54	04/15/25 04:41	5
Calcium	**550000**		5000		ug/L		04/10/25 09:54	04/17/25 19:49	50
Chromium	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Cobalt	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Copper	ND		10		ug/L		04/10/25 09:54	04/15/25 04:41	5
Iron	ND		250		ug/L		04/10/25 09:54	04/16/25 20:04	50
Lead	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:41	5
Magnesium	**1400000**		5000		ug/L		04/10/25 09:54	04/16/25 20:04	50
Manganese	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Molybdenum	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Nickel	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Potassium	**380000**		5000		ug/L		04/10/25 09:54	04/16/25 20:04	50
Selenium	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Silver	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:41	5
Sodium	**1200000**		500000		ug/L		04/10/25 09:54	04/16/25 20:41	1000
Thallium	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:41	5
Tin	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Vanadium	ND		25		ug/L		04/10/25 09:54	04/15/25 04:41	5
Zinc	ND		50		ug/L		04/10/25 09:54	04/15/25 04:41	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		04/10/25 19:06	04/10/25 23:30	1

Surrogate Summary

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
705-25905-1	Regenerated Nano Media (RNM)	100	103	101
705-25905-2	Regenerated Swollen Nano Media (RSNM)	101	103	100
705-26245-B-9 DU	Duplicate	101	101	101
705-26245-B-13 MS	Matrix Spike	102	99	101
LCS 705-47982/1001	Lab Control Sample	100	100	100
MB 705-47982/3	Method Blank	101	102	100

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 705-47982/3
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/13/25 23:29	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/13/25 23:29	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			04/13/25 23:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/13/25 23:29	1
1,1-Dichloroethane	ND		1.0		ug/L			04/13/25 23:29	1
1,1-Dichloroethene	ND		1.0		ug/L			04/13/25 23:29	1
1,1-Dichloropropene	ND		1.0		ug/L			04/13/25 23:29	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/13/25 23:29	1
1,2,3-Trichloropropane	ND		1.0		ug/L			04/13/25 23:29	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/13/25 23:29	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/13/25 23:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/13/25 23:29	1
1,2-Dibromoethane	ND		1.0		ug/L			04/13/25 23:29	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/13/25 23:29	1
1,2-Dichloroethane	ND		1.0		ug/L			04/13/25 23:29	1
1,2-Dichloroethene, Total	ND		1.0		ug/L			04/13/25 23:29	1
1,2-Dichloropropane	ND		1.0		ug/L			04/13/25 23:29	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/13/25 23:29	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/13/25 23:29	1
1,3-Dichloropropane	ND		1.0		ug/L			04/13/25 23:29	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/13/25 23:29	1
2,2-Dichloropropane	ND		1.0		ug/L			04/13/25 23:29	1
2-Butanone (MEK)	ND		10		ug/L			04/13/25 23:29	1
2-Chlorotoluene	ND		1.0		ug/L			04/13/25 23:29	1
2-Hexanone	ND		10		ug/L			04/13/25 23:29	1
4-Chlorotoluene	ND		1.0		ug/L			04/13/25 23:29	1
p-Isopropyltoluene	ND		1.0		ug/L			04/13/25 23:29	1
Methyl isobutyl ketone (MIBK)	ND		10		ug/L			04/13/25 23:29	1
Acetone	ND		10		ug/L			04/13/25 23:29	1
Benzene	ND		1.0		ug/L			04/13/25 23:29	1
Bromobenzene	ND		1.0		ug/L			04/13/25 23:29	1
Bromochloromethane	ND		1.0		ug/L			04/13/25 23:29	1
Bromodichloromethane	ND		1.0		ug/L			04/13/25 23:29	1
Bromoform	ND		1.0		ug/L			04/13/25 23:29	1
Bromomethane	ND		1.0		ug/L			04/13/25 23:29	1
Carbon disulfide	ND		2.0		ug/L			04/13/25 23:29	1
Carbon tetrachloride	ND		1.0		ug/L			04/13/25 23:29	1
Chlorobenzene	ND		1.0		ug/L			04/13/25 23:29	1
Chloroethane	ND		1.0		ug/L			04/13/25 23:29	1
Chloroform	ND		1.0		ug/L			04/13/25 23:29	1
Chloromethane	ND		1.0		ug/L			04/13/25 23:29	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/13/25 23:29	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/13/25 23:29	1
Dibromochloromethane	ND		1.0		ug/L			04/13/25 23:29	1
Dibromomethane	ND		1.0		ug/L			04/13/25 23:29	1
Ethylbenzene	ND		1.0		ug/L			04/13/25 23:29	1
Hexachlorobutadiene	ND		1.0		ug/L			04/13/25 23:29	1
Isopropylbenzene	ND		1.0		ug/L			04/13/25 23:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 705-47982/3
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		2.0		ug/L			04/13/25 23:29	1
Methyl tert-butyl ether	ND		1.0		ug/L			04/13/25 23:29	1
Methylene Chloride	ND		5.0		ug/L			04/13/25 23:29	1
Naphthalene	ND		2.0		ug/L			04/13/25 23:29	1
n-Butylbenzene	ND		1.0		ug/L			04/13/25 23:29	1
N-Propylbenzene	ND		1.0		ug/L			04/13/25 23:29	1
o-Xylene	ND		1.0		ug/L			04/13/25 23:29	1
sec-Butylbenzene	ND		1.0		ug/L			04/13/25 23:29	1
Styrene	ND		1.0		ug/L			04/13/25 23:29	1
tert-Butylbenzene	ND		1.0		ug/L			04/13/25 23:29	1
Tetrachloroethene	ND		1.0		ug/L			04/13/25 23:29	1
Toluene	ND		1.0		ug/L			04/13/25 23:29	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/13/25 23:29	1
trans-1,3-Dichloropropene	ND		2.0		ug/L			04/13/25 23:29	1
Trichloroethene	ND		1.0		ug/L			04/13/25 23:29	1
Trichlorofluoromethane	ND		1.0		ug/L			04/13/25 23:29	1
Vinyl acetate	ND		10		ug/L			04/13/25 23:29	1
Vinyl chloride	ND		1.0		ug/L			04/13/25 23:29	1
Xylenes, Total	ND		1.0		ug/L			04/13/25 23:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*04/13/25 23:29*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 121*		*04/13/25 23:29*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*04/13/25 23:29*	*1*

Lab Sample ID: LCS 705-47982/1001
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1,2-Tetrachloroethane			20.0	21.1		ug/L		106	76 - 130		
1,1,1-Trichloroethane			20.0	21.4		ug/L		107	71 - 124		
1,1,2,2-Tetrachloroethane			20.0	19.0		ug/L		95	73 - 127		
1,1,2-Trichloroethane			20.0	20.8		ug/L		104	69 - 127		
1,1-Dichloroethane			20.0	21.2		ug/L		106	65 - 126		
1,1-Dichloroethene			20.0	22.6		ug/L		113	69 - 130		
1,1-Dichloropropene			20.0	21.4		ug/L		107	74 - 129		
1,2,3-Trichlorobenzene			20.0	20.7		ug/L		103	65 - 130		
1,2,3-Trichloropropane			20.0	19.6		ug/L		98	70 - 127		
1,2,4-Trichlorobenzene			20.0	20.8		ug/L		104	65 - 131		
1,2,4-Trimethylbenzene			20.0	21.4		ug/L		107	80 - 123		
1,2-Dibromo-3-Chloropropane			20.0	19.1		ug/L		95	64 - 125		
1,2-Dibromoethane			20.0	20.3		ug/L		102	68 - 133		
1,2-Dichlorobenzene			20.0	20.9		ug/L		104	69 - 127		
1,2-Dichloroethane			20.0	20.8		ug/L		104	72 - 127		
1,2-Dichloroethene, Total			40.0	43.1		ug/L		108	75 - 121		
1,2-Dichloropropane			20.0	21.2		ug/L		106	71 - 121		
1,3,5-Trimethylbenzene			20.0	21.7		ug/L		109	79 - 124		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 705-47982/1001
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	68 - 128
1,3-Dichloropropane	20.0	20.7		ug/L		103	76 - 125
1,4-Dichlorobenzene	20.0	21.1		ug/L		105	68 - 126
2,2-Dichloropropane	20.0	21.9		ug/L		109	71 - 131
2-Butanone (MEK)	40.0	42.3		ug/L		106	74 - 131
2-Chlorotoluene	20.0	20.4		ug/L		102	75 - 123
2-Hexanone	40.0	43.2		ug/L		108	70 - 130
4-Chlorotoluene	20.0	21.1		ug/L		105	76 - 124
p-Isopropyltoluene	20.0	21.0		ug/L		105	78 - 126
Methyl isobutyl ketone (MIBK)	40.0	44.2		ug/L		111	76 - 122
Acetone	40.0	39.3		ug/L		98	62 - 136
Benzene	20.0	21.6		ug/L		108	76 - 122
Bromobenzene	20.0	20.5		ug/L		102	77 - 125
Bromochloromethane	20.0	20.8		ug/L		104	77 - 120
Bromodichloromethane	20.0	20.9		ug/L		105	70 - 124
Bromoform	20.0	20.7		ug/L		103	65 - 129
Bromomethane	20.0	20.5		ug/L		103	60 - 138
Carbon disulfide	40.0	46.4		ug/L		116	71 - 122
Carbon tetrachloride	20.0	22.2		ug/L		111	72 - 131
Chlorobenzene	20.0	21.3		ug/L		106	75 - 121
Chloroethane	20.0	18.3		ug/L		91	55 - 138
Chloroform	20.0	20.6		ug/L		103	73 - 121
Chloromethane	20.0	19.6		ug/L		98	57 - 129
cis-1,2-Dichloroethene	20.0	21.5		ug/L		108	76 - 121
cis-1,3-Dichloropropene	20.0	21.1		ug/L		106	70 - 129
Dibromochloromethane	20.0	20.7		ug/L		104	70 - 131
Dibromomethane	20.0	20.2		ug/L		101	70 - 130
Ethylbenzene	20.0	21.9		ug/L		109	75 - 127
Hexachlorobutadiene	20.0	20.7		ug/L		104	65 - 137
Isopropylbenzene	20.0	21.2		ug/L		106	76 - 125
m-Xylene & p-Xylene	40.0	43.8		ug/L		110	76 - 128
Methyl tert-butyl ether	20.0	19.5		ug/L		98	76 - 123
Methylene Chloride	20.0	20.7		ug/L		103	68 - 131
Naphthalene	20.0	20.6		ug/L		103	67 - 129
n-Butylbenzene	20.0	22.0		ug/L		110	71 - 131
N-Propylbenzene	20.0	21.5		ug/L		108	75 - 127
o-Xylene	20.0	21.3		ug/L		106	78 - 124
sec-Butylbenzene	20.0	19.6		ug/L		98	74 - 127
Styrene	20.0	21.5		ug/L		108	71 - 129
tert-Butylbenzene	20.0	22.4		ug/L		112	72 - 127
Tetrachloroethene	20.0	22.4		ug/L		112	74 - 129
Toluene	20.0	21.6		ug/L		108	74 - 124
trans-1,2-Dichloroethene	20.0	21.6		ug/L		108	74 - 124
trans-1,3-Dichloropropene	20.0	20.9		ug/L		104	59 - 135
Trichloroethene	20.0	21.5		ug/L		108	72 - 129
Trichlorofluoromethane	20.0	22.3		ug/L		111	63 - 142
Vinyl acetate	40.0	43.8		ug/L		109	50 - 150
Vinyl chloride	20.0	21.2		ug/L		106	65 - 132
Xylenes, Total	60.0	65.1		ug/L		109	75 - 128

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 126
Dibromofluoromethane (Surr)	100		77 - 121
Toluene-d8 (Surr)	100		79 - 119

Lab Sample ID: 705-26245-B-13 MS
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	21.7		ug/L		108	69 - 133
1,1,1-Trichloroethane	ND		20.0	22.5		ug/L		113	69 - 135
1,1,2,2-Tetrachloroethane	ND		20.0	20.5		ug/L		103	68 - 132
1,1,2-Trichloroethane	ND		20.0	21.5		ug/L		107	71 - 133
1,1-Dichloroethane	ND		20.0	23.0		ug/L		115	70 - 133
1,1-Dichloroethene	ND		20.0	23.3		ug/L		117	69 - 139
1,1-Dichloropropene	ND		20.0	23.9		ug/L		120	77 - 138
1,2,3-Trichlorobenzene	ND		20.0	20.8		ug/L		104	62 - 135
1,2,3-Trichloropropane	ND		20.0	20.6		ug/L		103	66 - 132
1,2,4-Trichlorobenzene	ND		20.0	20.7		ug/L		104	61 - 135
1,2,4-Trimethylbenzene	ND		20.0	22.5		ug/L		113	74 - 133
1,2-Dibromo-3-Chloropropane	ND		20.0	19.9		ug/L		100	63 - 127
1,2-Dibromoethane	ND		20.0	21.1		ug/L		106	76 - 129
1,2-Dichlorobenzene	ND		20.0	21.5		ug/L		108	76 - 125
1,2-Dichloroethane	ND		20.0	21.5		ug/L		107	71 - 133
1,2-Dichloroethene, Total	ND		40.0	45.5		ug/L		114	70 - 138
1,2-Dichloropropane	ND		20.0	22.5		ug/L		113	69 - 132
1,3,5-Trimethylbenzene	ND		20.0	22.9		ug/L		115	75 - 132
1,3-Dichlorobenzene	ND		20.0	21.5		ug/L		108	76 - 126
1,3-Dichloropropane	ND		20.0	21.7		ug/L		108	72 - 131
1,4-Dichlorobenzene	ND		20.0	21.7		ug/L		108	76 - 124
2,2-Dichloropropane	ND		20.0	24.4		ug/L		122	63 - 138
2-Butanone (MEK)	ND		40.0	40.9		ug/L		102	50 - 150
2-Chlorotoluene	ND		20.0	21.8		ug/L		109	70 - 131
2-Hexanone	ND		40.0	42.8		ug/L		107	50 - 150
4-Chlorotoluene	ND		20.0	22.7		ug/L		113	72 - 130
p-Isopropyltoluene	ND		20.0	23.0		ug/L		115	74 - 132
Methyl isobutyl ketone (MIBK)	ND		40.0	44.1		ug/L		110	50 - 150
Acetone	ND		40.0	38.4		ug/L		96	50 - 150
Benzene	ND		20.0	22.9		ug/L		114	71 - 133
Bromobenzene	ND		20.0	21.1		ug/L		105	73 - 130
Bromochloromethane	ND		20.0	21.7		ug/L		108	70 - 133
Bromodichloromethane	ND		20.0	21.4		ug/L		107	68 - 133
Bromoform	ND		20.0	19.2		ug/L		96	59 - 130
Bromomethane	ND		20.0	23.1		ug/L		115	50 - 150
Carbon disulfide	ND		40.0	48.5		ug/L		121	50 - 150
Carbon tetrachloride	ND		20.0	23.6		ug/L		118	70 - 139
Chlorobenzene	ND		20.0	22.4		ug/L		112	78 - 128
Chloroethane	ND		20.0	18.4		ug/L		92	50 - 150
Chloroform	ND		20.0	21.7		ug/L		108	70 - 132
Chloromethane	ND		20.0	23.5		ug/L		117	50 - 150
cis-1,2-Dichloroethene	ND		20.0	22.4		ug/L		112	72 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 705-26245-B-13 MS
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	ND		20.0	21.8		ug/L		109	70 - 128
Dibromochloromethane	ND		20.0	20.5		ug/L		102	69 - 130
Dibromomethane	ND		20.0	21.1		ug/L		105	72 - 130
Ethylbenzene	ND		20.0	23.6		ug/L		118	75 - 131
Hexachlorobutadiene	ND		20.0	21.4		ug/L		107	65 - 138
Isopropylbenzene	ND		20.0	23.1		ug/L		116	73 - 135
m-Xylene & p-Xylene	ND		40.0	46.7		ug/L		117	73 - 133
Methyl tert-butyl ether	ND		20.0	21.0		ug/L		104	70 - 130
Methylene Chloride	ND		20.0	21.6		ug/L		108	66 - 132
Naphthalene	ND		20.0	20.4		ug/L		102	63 - 134
n-Butylbenzene	ND		20.0	23.7		ug/L		118	70 - 136
N-Propylbenzene	ND		20.0	23.3		ug/L		116	72 - 135
o-Xylene	ND		20.0	22.6		ug/L		113	73 - 132
sec-Butylbenzene	ND		20.0	23.2		ug/L		116	71 - 134
Styrene	ND		20.0	23.0		ug/L		115	73 - 133
tert-Butylbenzene	ND		20.0	23.8		ug/L		119	70 - 134
Tetrachloroethene	ND		20.0	23.0		ug/L		115	74 - 135
Toluene	ND		20.0	23.1		ug/L		116	72 - 134
trans-1,2-Dichloroethene	ND		20.0	23.1		ug/L		116	71 - 132
trans-1,3-Dichloropropene	ND		20.0	21.8		ug/L		109	60 - 125
Trichloroethene	ND		20.0	22.4		ug/L		112	77 - 136
Trichlorofluoromethane	ND		20.0	23.7		ug/L		118	69 - 133
Vinyl acetate	ND		40.0	47.7		ug/L		119	50 - 150
Vinyl chloride	ND		20.0	23.5		ug/L		118	66 - 138
Xylenes, Total	ND		60.0	69.3		ug/L		116	74 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane (Surr)	*99*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: 705-26245-B-9 DU
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		ND		ug/L		NC	30
1,1,1-Trichloroethane	ND		ND		ug/L		NC	30
1,1,2,2-Tetrachloroethane	ND		ND		ug/L		NC	30
1,1,2-Trichloroethane	ND		ND		ug/L		NC	30
1,1-Dichloroethane	ND		ND		ug/L		NC	30
1,1-Dichloroethene	ND		ND		ug/L		NC	30
1,1-Dichloropropene			ND		ug/L			30
1,2,3-Trichlorobenzene			ND		ug/L			30
1,2,3-Trichloropropane	ND		ND		ug/L		NC	30
1,2,4-Trichlorobenzene			ND		ug/L			30
1,2,4-Trimethylbenzene			ND		ug/L			30
1,2-Dibromo-3-Chloropropane	ND		ND		ug/L		NC	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 705-26245-B-9 DU
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dibromoethane	ND			ND		ug/L				NC	30
1,2-Dichlorobenzene	ND			ND		ug/L				NC	30
1,2-Dichloroethane	ND			ND		ug/L				NC	30
1,2-Dichloroethene, Total	ND			ND		ug/L				NC	30
1,2-Dichloropropane	ND			ND		ug/L				NC	30
1,3,5-Trimethylbenzene				ND		ug/L					30
1,3-Dichlorobenzene				ND		ug/L					30
1,3-Dichloropropane				ND		ug/L					30
1,4-Dichlorobenzene	ND			ND		ug/L				NC	30
2,2-Dichloropropane				ND		ug/L					30
2-Butanone (MEK)	ND			ND		ug/L				NC	30
2-Chlorotoluene				ND		ug/L					30
2-Hexanone	ND			ND		ug/L				NC	30
4-Chlorotoluene				ND		ug/L					30
p-Isopropyltoluene				ND		ug/L					30
Methyl isobutyl ketone (MIBK)	ND			ND		ug/L				NC	30
Acetone	ND			ND		ug/L				NC	30
Benzene	ND			ND		ug/L				NC	30
Bromobenzene				ND		ug/L					30
Bromochloromethane	ND			ND		ug/L				NC	30
Bromodichloromethane	ND			ND		ug/L				NC	30
Bromoform	ND			ND		ug/L				NC	30
Bromomethane	ND			ND		ug/L				NC	30
Carbon disulfide	ND			ND		ug/L				NC	30
Carbon tetrachloride	ND			ND		ug/L				NC	30
Chlorobenzene	ND			ND		ug/L				NC	30
Chloroethane	ND			ND		ug/L				NC	30
Chloroform	ND			ND		ug/L				NC	30
Chloromethane	ND			ND		ug/L				NC	30
cis-1,2-Dichloroethene	ND			ND		ug/L				NC	30
cis-1,3-Dichloropropene	ND			ND		ug/L				NC	30
Dibromochloromethane	ND			ND		ug/L				NC	30
Dibromomethane	ND			ND		ug/L				NC	30
Ethylbenzene	ND			ND		ug/L				NC	30
Hexachlorobutadiene				ND		ug/L					30
Isopropylbenzene				ND		ug/L					30
m-Xylene & p-Xylene	ND			ND		ug/L				NC	30
Methyl tert-butyl ether				ND		ug/L					30
Methylene Chloride	ND			ND		ug/L				NC	30
Naphthalene				ND		ug/L					30
n-Butylbenzene				ND		ug/L					30
N-Propylbenzene				ND		ug/L					30
o-Xylene	ND			ND		ug/L				NC	30
sec-Butylbenzene				ND		ug/L					30
Styrene	ND			ND		ug/L				NC	30
tert-Butylbenzene				ND		ug/L					30
Tetrachloroethene	ND			ND		ug/L				NC	30
Toluene	ND			ND		ug/L				NC	30
trans-1,2-Dichloroethene	ND			ND		ug/L				NC	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 705-26245-B-9 DU
Matrix: Water
Analysis Batch: 47982

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
trans-1,3-Dichloropropene	ND			ND		ug/L				NC	30
Trichloroethene	ND			ND		ug/L				NC	30
Trichlorofluoromethane	ND			ND		ug/L				NC	30
Vinyl acetate	ND			ND		ug/L				NC	30
Vinyl chloride	ND			ND		ug/L				NC	30
Xylenes, Total	ND			ND		ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 126*
Dibromofluoromethane (Surr)	*101*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-46518/1-A
Matrix: Water
Analysis Batch: 46652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46518

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		50		ug/L		04/07/25 08:02	04/07/25 11:44	1
Phosphorus	ND		100		ug/L		04/07/25 08:02	04/07/25 11:44	1
Strontium	ND	^+	50		ug/L		04/07/25 08:02	04/07/25 11:44	1

Lab Sample ID: MB 705-46518/1-A
Matrix: Water
Analysis Batch: 47431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46518

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		20		ug/L		04/07/25 08:02	04/10/25 11:26	1

Lab Sample ID: LCS 705-46518/2-A
Matrix: Water
Analysis Batch: 46652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46518

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1000	1020		ug/L		102	80 - 120		
Phosphorus			1000	1040		ug/L		104	80 - 120		
Strontium			1000	1110	^+	ug/L		111	80 - 120		

Lab Sample ID: LCS 705-46518/2-A
Matrix: Water
Analysis Batch: 47431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46518

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium			1000	1160		ug/L		116	80 - 120		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-46518/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 48221 — **Prep Batch: 46518**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Strontium			1000	1020		ug/L		102	80 - 120		

Lab Sample ID: 705-25711-A-11-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 46652 — **Prep Batch: 46518**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	ND		1000	1030		ug/L		103	75 - 125		
Phosphorus	ND		1000	1050		ug/L		105	75 - 125		
Strontium	120	^+	1000	1200	^+	ug/L		108	75 - 125		

Lab Sample ID: 705-25711-A-11-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 47431 — **Prep Batch: 46518**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium	ND	F1	1000	1270	F1	ug/L		127	75 - 125		

Lab Sample ID: 705-25711-A-11-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 46652 — **Prep Batch: 46518**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	ND		1000	1030		ug/L		103	75 - 125	0	20
Phosphorus	ND		1000	1050		ug/L		105	75 - 125	0	20
Strontium	120	^+	1000	1190	^+	ug/L		107	75 - 125	1	20

Lab Sample ID: 705-25711-A-11-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 47431 — **Prep Batch: 46518**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	ND	F1	1000	1270	F1	ug/L		127	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-47325/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 48356 — **Prep Batch: 47325**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		50		ug/L		04/10/25 09:54	04/15/25 04:17	1
Antimony	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Arsenic	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Barium	ND		10		ug/L		04/10/25 09:54	04/15/25 04:17	1
Beryllium	ND		1.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Cadmium	ND		0.70		ug/L		04/10/25 09:54	04/15/25 04:17	1
Calcium	ND		100		ug/L		04/10/25 09:54	04/15/25 04:17	1
Chromium	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Cobalt	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-47325/1-A
Matrix: Water
Analysis Batch: 48356

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Iron	ND	^-	100		ug/L		04/10/25 09:54	04/15/25 04:17	1
Lead	ND		1.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Magnesium	ND		100		ug/L		04/10/25 09:54	04/15/25 04:17	1
Manganese	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Molybdenum	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Nickel	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Potassium	ND	^-	100		ug/L		04/10/25 09:54	04/15/25 04:17	1
Selenium	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Silver	ND		1.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Sodium	ND	^+	500		ug/L		04/10/25 09:54	04/15/25 04:17	1
Thallium	ND		1.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Tin	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Vanadium	ND		5.0		ug/L		04/10/25 09:54	04/15/25 04:17	1
Zinc	ND		10		ug/L		04/10/25 09:54	04/15/25 04:17	1

Lab Sample ID: LCS 705-47325/2-A
Matrix: Water
Analysis Batch: 48356

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			1000	907		ug/L		91	80 - 120		
Antimony			100	94.2		ug/L		94	80 - 120		
Arsenic			100	94.9		ug/L		95	80 - 120		
Barium			100	98.9		ug/L		99	80 - 120		
Beryllium			100	90.4		ug/L		90	80 - 120		
Cadmium			100	102		ug/L		102	80 - 120		
Chromium			100	95.1		ug/L		95	80 - 120		
Cobalt			100	100		ug/L		100	80 - 120		
Copper			100	101		ug/L		101	80 - 120		
Iron			1000	940	^-	ug/L		94	80 - 120		
Lead			100	109		ug/L		109	80 - 120		
Magnesium			1000	971		ug/L		97	80 - 120		
Manganese			100	107		ug/L		107	80 - 120		
Molybdenum			100	105		ug/L		105	80 - 120		
Nickel			100	99.0		ug/L		99	80 - 120		
Potassium			1000	874	^-	ug/L		87	80 - 120		
Selenium			100	108		ug/L		108	80 - 120		
Silver			10.0	9.40		ug/L		94	80 - 120		
Sodium			1000	1070	^+	ug/L		107	80 - 120		
Thallium			100	99.5		ug/L		99	80 - 120		
Tin			100	111		ug/L		111	80 - 120		
Vanadium			100	93.4		ug/L		93	80 - 120		
Zinc			100	100		ug/L		100	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-47325/2-A
Matrix: Water
Analysis Batch: 49257

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	1000	1040	^+	ug/L		104	80 - 120

Lab Sample ID: 705-25905-1 MS
Matrix: Water
Analysis Batch: 48356

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	260		1000	1410		ug/L		115	75 - 125
Antimony	ND		100	121		ug/L		121	75 - 125
Arsenic	ND		100	115		ug/L		115	75 - 125
Barium	58		100	178		ug/L		120	75 - 125
Beryllium	ND		100	94.8		ug/L		95	75 - 125
Cadmium	ND		100	108		ug/L		108	75 - 125
Chromium	ND		100	112		ug/L		112	75 - 125
Cobalt	ND		100	107		ug/L		107	75 - 125
Copper	ND		100	104		ug/L		104	75 - 125
Lead	ND		100	108		ug/L		108	75 - 125
Manganese	ND		100	97.6		ug/L		98	75 - 125
Molybdenum	ND		100	110		ug/L		106	75 - 125
Nickel	ND		100	104		ug/L		101	75 - 125
Selenium	ND		100	102		ug/L		102	75 - 125
Silver	ND		10.0	10.5		ug/L		105	75 - 125
Thallium	7.1		100	87.3		ug/L		80	75 - 125
Tin	ND		100	106		ug/L		106	75 - 125
Vanadium	ND		100	117		ug/L		117	75 - 125
Zinc	ND		100	117		ug/L		117	75 - 125

Lab Sample ID: 705-25905-1 MS
Matrix: Water
Analysis Batch: 49004

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1500000		1000	1480000	4	ug/L		892	75 - 125
Potassium	390000		1000	394000	4	ug/L		326	75 - 125

Lab Sample ID: 705-25905-1 MS
Matrix: Water
Analysis Batch: 49004

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	11000000		1000	9940000	4	ug/L		-9591 9	75 - 125

Lab Sample ID: 705-25905-1 MS
Matrix: Water
Analysis Batch: 49004

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	ND		1000	998		ug/L		100	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-25905-1 MS
Matrix: Water
Analysis Batch: 49257

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	420000		1000	519000	4	ug/L		9635	75 - 125

Lab Sample ID: 705-25905-1 MSD
Matrix: Water
Analysis Batch: 48356

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	260		1000	1380		ug/L		112	75 - 125	2	20
Antimony	ND		100	115		ug/L		115	75 - 125	5	20
Arsenic	ND		100	112		ug/L		112	75 - 125	3	20
Barium	58		100	181		ug/L		123	75 - 125	1	20
Beryllium	ND		100	85.9		ug/L		86	75 - 125	10	20
Cadmium	ND		100	104		ug/L		104	75 - 125	4	20
Chromium	ND		100	108		ug/L		108	75 - 125	3	20
Cobalt	ND		100	104		ug/L		104	75 - 125	3	20
Copper	ND		100	101		ug/L		101	75 - 125	3	20
Lead	ND		100	105		ug/L		105	75 - 125	4	20
Manganese	ND		100	97.4		ug/L		97	75 - 125	0	20
Molybdenum	ND		100	110		ug/L		106	75 - 125	0	20
Nickel	ND		100	101		ug/L		99	75 - 125	3	20
Selenium	ND		100	108		ug/L		108	75 - 125	6	20
Silver	ND		10.0	10.2		ug/L		102	75 - 125	3	20
Thallium	7.1		100	90.8		ug/L		84	75 - 125	4	20
Tin	ND		100	106		ug/L		106	75 - 125	0	20
Vanadium	ND		100	113		ug/L		113	75 - 125	4	20
Zinc	ND		100	105		ug/L		105	75 - 125	11	20

Lab Sample ID: 705-25905-1 MSD
Matrix: Water
Analysis Batch: 49004

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	1500000		1000	1560000	4	ug/L		8367	75 - 125	5	20
Potassium	390000		1000	414000	4	ug/L		2247	75 - 125	5	20

Lab Sample ID: 705-25905-1 MSD
Matrix: Water
Analysis Batch: 49004

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	11000000		1000	11100000	4	ug/L		17127	75 - 125	11	20

Lab Sample ID: 705-25905-1 MSD
Matrix: Water
Analysis Batch: 49004

Client Sample ID: Regenerated Nano Media (RNM)
Prep Type: Total Recoverable
Prep Batch: 47325

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	ND		1000	1020		ug/L		102	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-25905-1 MSD — **Client Sample ID: Regenerated Nano Media (RNM)**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 49257 — **Prep Batch: 47325**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	420000		1000	481000	4	ug/L		5898	75 - 125	7	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-47594/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 47669 — **Prep Batch: 47594**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		04/10/25 19:06	04/10/25 22:31	1

Lab Sample ID: LCS 705-47594/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 47669 — **Prep Batch: 47594**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00408		mg/L		102	80 - 120		

Lab Sample ID: 705-26008-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 47669 — **Prep Batch: 47594**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.00400	0.00403		mg/L		101	75 - 125		

Lab Sample ID: 705-26008-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 47669 — **Prep Batch: 47594**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00400	0.00394		mg/L		98	75 - 125	2	20

GC/MS VOA

Analysis Batch: 47982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total/NA	Water	8260D	
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total/NA	Water	8260D	
MB 705-47982/3	Method Blank	Total/NA	Water	8260D	
LCS 705-47982/1001	Lab Control Sample	Total/NA	Water	8260D	
705-26245-B-13 MS	Matrix Spike	Total/NA	Water	8260D	
705-26245-B-9 DU	Duplicate	Total/NA	Water	8260D	

Metals

Prep Batch: 46518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total/NA	Water	3010A	
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total/NA	Water	3010A	
MB 705-46518/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-46518/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-25711-A-11-B MS	Matrix Spike	Total/NA	Water	3010A	
705-25711-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 46652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total/NA	Water	6010D	46518
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total/NA	Water	6010D	46518
MB 705-46518/1-A	Method Blank	Total/NA	Water	6010D	46518
LCS 705-46518/2-A	Lab Control Sample	Total/NA	Water	6010D	46518
705-25711-A-11-B MS	Matrix Spike	Total/NA	Water	6010D	46518
705-25711-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	46518

Prep Batch: 47325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total Recoverable	Water	3005A	
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total Recoverable	Water	3005A	
MB 705-47325/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-47325/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-25905-1 MS	Regenerated Nano Media (RNM)	Total Recoverable	Water	3005A	
705-25905-1 MSD	Regenerated Nano Media (RNM)	Total Recoverable	Water	3005A	

Analysis Batch: 47431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total/NA	Water	6010D	46518
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total/NA	Water	6010D	46518
MB 705-46518/1-A	Method Blank	Total/NA	Water	6010D	46518
LCS 705-46518/2-A	Lab Control Sample	Total/NA	Water	6010D	46518
705-25711-A-11-B MS	Matrix Spike	Total/NA	Water	6010D	46518
705-25711-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	46518

Prep Batch: 47594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total/NA	Water	7470A	
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total/NA	Water	7470A	
MB 705-47594/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-47594/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 47594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-26008-A-1-E MS	Matrix Spike	Total/NA	Water	7470A	
705-26008-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 47669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total/NA	Water	7470A	47594
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total/NA	Water	7470A	47594
MB 705-47594/1-A	Method Blank	Total/NA	Water	7470A	47594
LCS 705-47594/2-A	Lab Control Sample	Total/NA	Water	7470A	47594
705-26008-A-1-E MS	Matrix Spike	Total/NA	Water	7470A	47594
705-26008-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	47594

Analysis Batch: 48221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total/NA	Water	6010D	46518
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total/NA	Water	6010D	46518
LCS 705-46518/2-A	Lab Control Sample	Total/NA	Water	6010D	46518

Analysis Batch: 48356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total Recoverable	Water	6020B	47325
MB 705-47325/1-A	Method Blank	Total Recoverable	Water	6020B	47325
LCS 705-47325/2-A	Lab Control Sample	Total Recoverable	Water	6020B	47325
705-25905-1 MS	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MSD	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325

Analysis Batch: 49004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total Recoverable	Water	6020B	47325
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MS	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MS	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MS	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MSD	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MSD	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MSD	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325

Analysis Batch: 49257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-25905-1	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Total Recoverable	Water	6020B	47325
LCS 705-47325/2-A	Lab Control Sample	Total Recoverable	Water	6020B	47325
705-25905-1 MS	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325
705-25905-1 MSD	Regenerated Nano Media (RNM)	Total Recoverable	Water	6020B	47325

Lab Chronicle

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Client Sample ID: Regenerated Nano Media (RNM)

Lab Sample ID: 705-25905-1

Date Collected: 04/02/25 14:30
Matrix: Water
Date Received: 04/02/25 15:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	47982	OM	EET ATL	04/13/25 23:52
Total/NA	Prep	3010A			46518	SA	EET ATL	04/07/25 08:02
Total/NA	Analysis	6010D		1	46652	KB	EET ATL	04/07/25 13:03
Total/NA	Prep	3010A			46518	SA	EET ATL	04/07/25 08:02
Total/NA	Analysis	6010D		5	48221	DAB	EET ATL	04/14/25 17:40
Total/NA	Prep	3010A			46518	SA	EET ATL	04/07/25 08:02
Total/NA	Analysis	6010D		1	47431	DS	EET ATL	04/10/25 11:43
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		5	48356	IF	EET ATL	04/15/25 04:24
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		50	49004	IF	EET ATL	04/16/25 20:01
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		10000	49004	IF	EET ATL	04/16/25 20:28
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		5	49004	IF	EET ATL	04/16/25 21:35
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		50	49257	IF	EET ATL	04/17/25 19:36
Total/NA	Prep	7470A			47594	HM	EET ATL	04/10/25 19:06
Total/NA	Analysis	7470A		1	47669	HM	EET ATL	04/10/25 23:26

Client Sample ID: Regenerated Swollen Nano Media (RSNM)

Lab Sample ID: 705-25905-2

Date Collected: 04/02/25 14:30
Matrix: Water
Date Received: 04/02/25 15:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	47982	OM	EET ATL	04/14/25 00:16
Total/NA	Prep	3010A			46518	SA	EET ATL	04/07/25 08:02
Total/NA	Analysis	6010D		1	46652	KB	EET ATL	04/07/25 13:06
Total/NA	Prep	3010A			46518	SA	EET ATL	04/07/25 08:02
Total/NA	Analysis	6010D		5	48221	DAB	EET ATL	04/14/25 17:43
Total/NA	Prep	3010A			46518	SA	EET ATL	04/07/25 08:02
Total/NA	Analysis	6010D		1	47431	DS	EET ATL	04/10/25 11:45
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		5	48356	IF	EET ATL	04/15/25 04:41
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		50	49004	IF	EET ATL	04/16/25 20:04
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		1000	49004	IF	EET ATL	04/16/25 20:41
Total Recoverable	Prep	3005A			47325	EF	EET ATL	04/10/25 09:54
Total Recoverable	Analysis	6020B		50	49257	IF	EET ATL	04/17/25 19:49
Total/NA	Prep	7470A			47594	HM	EET ATL	04/10/25 19:06
Total/NA	Analysis	7470A		1	47669	HM	EET ATL	04/10/25 23:30

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Laboratory References:

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EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Georgia Aquarium Inc
Job ID: 705-25905-1
Project/Site: Nono Project - ACF

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-25

Method Summary

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Sample Summary

Client: Georgia Aquarium Inc
Project/Site: Nono Project - ACF

Job ID: 705-25905-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
705-25905-1	Regenerated Nano Media (RNM)	Water	04/02/25 14:30	04/02/25 15:34
705-25905-2	Regenerated Swollen Nano Media (RSNM)	Water	04/02/25 14:30	04/02/25 15:34

Eurofins Atlanta

Chain of Custody Record

Due Date Requested:

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

Total Number of containers

D D D A X

Login Sample Receipt Checklist

Client: Georgia Aquarium Inc

Job Number: 705-25905-1

Login Number: 25905

List Source: Eurofins Atlanta

List Number: 1

Creator: Ceclu, Rodica

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

END OF REPORT