

ANALYTICAL REPORT

PREPARED FOR

Attn: Bill Neuman
Veolia Water N. America Operating Srvs
500 Owens Rd
Cle Elum, Washington 98922

Generated 8/16/2023 4:42:01 PM

JOB DESCRIPTION

Veolia Water - Cle Elum

JOB NUMBER

580-129893-1

Eurofins Seattle

Job Notes

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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 Northwest, LLC Project Manager.

Authorization



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Case Narrative

Client: Veolia Water N. America Operating Svcs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Job ID: 580-129893-1

Laboratory: Eurofins Seattle

Narrative

**Job Narrative
580-129893-1**

Receipt

The samples were received on 7/26/2023 11:30 AM. 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 was 6.0° C.

GC/MS Semi VOA

Method 625.1: The laboratory control sample (LCS) for preparation batch 280-622313 and analytical batch 280-622450 recovered outside control limits for the following analytes: Hexachloroethane and 1,2,4-Trichlorobenzene. The associated sample(s) was re-prepared and/or re-analyzed outside holding time. Both sets of data have been reported.

Methods 625.1: The continuing calibration verification (CCV) associated with batch 280-622450 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Methods 625.1: Internal Standard (ISTD) retention times for the following sample was outside the acceptance criteria of +/-0.5 minutes from the mid-point of the initial calibration: (CCVIS 280-622450/3). The sample(s) were within +/-0.5 minutes from the daily calibration verification; therefore, no corrective action was required per the laboratory's SOP.

Methods 625.: The continuing calibration verification (CCV) associated with batch 280-622971 recovered outside acceptance criteria, low biased, for 2,4-Dimethylphenol and Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Methods 625.1: The continuing calibration verification (CCV) associated with batch 280-622971 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate and Diethyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: effluent composite (580-129893-1) and (CCVIS 280-622971/3).

Methods 625.1: Internal Standard (ISTD) retention times for the following sample was outside the acceptance criteria of +/-0.5 minutes from the mid-point of the initial calibration: (CCVIS 280-622971/3). The sample(s) were within +/-0.5 minutes from the daily calibration verification; therefore, no corrective action was required per the laboratory's SOP.

Methods 625.1: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 280-622825 and analytical batch 280-622971 recovered outside control limits for the following analytes: 2-Chloronaphthalene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 625.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 280-622825 and analytical batch 280-622971 recovered outside control limits for the following analytes: Benzidine.

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

GC Semi VOA

Method 608.3: The laboratory control sample duplicate (LCSD) for preparation batch 410-403192 and analytical batch 410-4033 recovered outside control limits for the following analytes: Endrin aldehyde. The associated sample(s) was re-prepared and/or re-analyzed within holding time and the LCSD is again outside control limits for Endrin aldehyde; therefore, the data have been reported. effluent composite (580-129893-2)

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

Case Narrative

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Job ID: 580-129893-1 (Continued)

Laboratory: Eurofins Seattle (Continued)

Organic Prep

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



Definitions/Glossary

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Client Sample Results

Client: Veolia Water N. America Operating Svcs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Client Sample ID: effluent composite

Date Collected: 07/26/23 08:21

Date Received: 07/26/23 11:30

Lab Sample ID: 580-129893-1

Matrix: Water

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Acenaphthene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Acenaphthylene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Acenaphthylene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Anthracene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Anthracene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Benzidine	ND	H *- *1	110		ug/L		08/09/23 14:16	08/10/23 12:56	1
Benzidine	ND	H *1	100		ug/L		08/14/23 12:26	08/15/23 11:36	1
Benzo[a]anthracene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Benzo[a]anthracene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Benzo[b]fluoranthene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Benzo[b]fluoranthene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Benzo[k]fluoranthene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Benzo[k]fluoranthene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Benzo[a]pyrene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Benzo[a]pyrene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Bis(2-chloroethoxy)methane	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Bis(2-chloroethoxy)methane	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Bis(2-chloroethyl)ether	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Bis(2-chloroethyl)ether	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Bis(2-ethylhexyl) phthalate	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Bis(2-ethylhexyl) phthalate	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
4-Bromophenyl phenyl ether	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
4-Bromophenyl phenyl ether	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Butyl benzyl phthalate	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Butyl benzyl phthalate	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
4-Chloro-3-methylphenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
4-Chloro-3-methylphenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
2-Chloronaphthalene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
2-Chloronaphthalene	ND	H *+	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
2-Chlorophenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2-Chlorophenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
4-Chlorophenyl phenyl ether	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
4-Chlorophenyl phenyl ether	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Chrysene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Chrysene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Dibenz(a,h)anthracene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Dibenz(a,h)anthracene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Di-n-butyl phthalate	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Di-n-butyl phthalate	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
3,3'-Dichlorobenzidine	ND	H	57		ug/L		08/09/23 14:16	08/10/23 12:56	1
3,3'-Dichlorobenzidine	ND	H	50		ug/L		08/14/23 12:26	08/15/23 11:36	1
2,4-Dichlorophenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2,4-Dichlorophenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Diethyl phthalate	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Diethyl phthalate	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
2,4-Dimethylphenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2,4-Dimethylphenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Dimethyl phthalate	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1

Eurofins Seattle

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Client Sample ID: effluent composite

Date Collected: 07/26/23 08:21

Date Received: 07/26/23 11:30

Lab Sample ID: 580-129893-1

Matrix: Water

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
4,6-Dinitro-2-methylphenol	ND	H	57		ug/L		08/09/23 14:16	08/10/23 12:56	1
4,6-Dinitro-2-methylphenol	ND	H	50		ug/L		08/14/23 12:26	08/15/23 11:36	1
2,4-Dinitrophenol	ND	H	34		ug/L		08/09/23 14:16	08/10/23 12:56	1
2,4-Dinitrophenol	ND	H	30		ug/L		08/14/23 12:26	08/15/23 11:36	1
2,4-Dinitrotoluene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2,4-Dinitrotoluene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
2,6-Dinitrotoluene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2,6-Dinitrotoluene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Di-n-octyl phthalate	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Di-n-octyl phthalate	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
1,2-Diphenylhydrazine(as Azobenzene)	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
1,2-Diphenylhydrazine(as Azobenzene)	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Fluoranthene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Fluoranthene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Fluorene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Fluorene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Hexachlorobenzene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Hexachlorobenzene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Hexachlorobutadiene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Hexachlorobutadiene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Hexachlorocyclopentadiene	ND	H	57		ug/L		08/09/23 14:16	08/10/23 12:56	1
Hexachlorocyclopentadiene	ND	H	50		ug/L		08/14/23 12:26	08/15/23 11:36	1
Hexachloroethane	ND	H *	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Hexachloroethane	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Indeno[1,2,3-cd]pyrene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Indeno[1,2,3-cd]pyrene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Isophorone	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Isophorone	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Naphthalene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Naphthalene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Nitrobenzene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Nitrobenzene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
2-Nitrophenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2-Nitrophenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
4-Nitrophenol	ND	H	29		ug/L		08/09/23 14:16	08/10/23 12:56	1
4-Nitrophenol	ND	H	25		ug/L		08/14/23 12:26	08/15/23 11:36	1
N-Nitrosodimethylamine	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
N-Nitrosodimethylamine	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
N-Nitrosodiphenylamine	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
N-Nitrosodiphenylamine	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
N-Nitrosodi-n-propylamine	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
N-Nitrosodi-n-propylamine	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Pentachlorophenol	ND	H	57		ug/L		08/09/23 14:16	08/10/23 12:56	1
Pentachlorophenol	ND	H	50		ug/L		08/14/23 12:26	08/15/23 11:36	1
Phenanthrene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Phenanthrene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
Phenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1

Eurofins Seattle

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Client Sample ID: effluent composite

Date Collected: 07/26/23 08:21

Date Received: 07/26/23 11:30

Lab Sample ID: 580-129893-1

Matrix: Water

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Pyrene	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
Pyrene	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
1,2,4-Trichlorobenzene	ND	H *	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
1,2,4-Trichlorobenzene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
2,4,6-Trichlorophenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2,4,6-Trichlorophenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
2-Methylphenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
2-Methylphenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
Benzo[g,h,i]perylene	ND	H	4.6		ug/L		08/09/23 14:16	08/10/23 12:56	1
Benzo[g,h,i]perylene	ND	H	4.0		ug/L		08/14/23 12:26	08/15/23 11:36	1
bis (2-Chloroisopropyl) ether	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
bis (2-Chloroisopropyl) ether	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1
3 & 4 Methylphenol	ND	H	11		ug/L		08/09/23 14:16	08/10/23 12:56	1
3 & 4 Methylphenol	ND	H	10		ug/L		08/14/23 12:26	08/15/23 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	59		36 - 120	08/09/23 14:16	08/10/23 12:56	1
2-Fluorobiphenyl	75		36 - 120	08/14/23 12:26	08/15/23 11:36	1
2-Fluorophenol	62		30 - 120	08/09/23 14:16	08/10/23 12:56	1
2-Fluorophenol	60		30 - 120	08/14/23 12:26	08/15/23 11:36	1
2,4,6-Tribromophenol	83		50 - 120	08/09/23 14:16	08/10/23 12:56	1
2,4,6-Tribromophenol	86		50 - 120	08/14/23 12:26	08/15/23 11:36	1
Nitrobenzene-d5	73		45 - 120	08/09/23 14:16	08/10/23 12:56	1
Nitrobenzene-d5	77		45 - 120	08/14/23 12:26	08/15/23 11:36	1
Phenol-d5	57		36 - 120	08/09/23 14:16	08/10/23 12:56	1
Phenol-d5	48		36 - 120	08/14/23 12:26	08/15/23 11:36	1
Terphenyl-d14	96		52 - 120	08/09/23 14:16	08/10/23 12:56	1
Terphenyl-d14	92		52 - 120	08/14/23 12:26	08/15/23 11:36	1

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Client Sample ID: effluent composite

Date Collected: 07/26/23 08:22

Date Received: 07/26/23 11:30

Lab Sample ID: 580-129893-2

Matrix: Water

Method: EPA 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.011		ug/L		08/01/23 15:49	08/02/23 15:35	1
alpha-BHC	ND		0.033		ug/L		08/01/23 15:49	08/02/23 15:35	1
beta-BHC	ND		0.11		ug/L		08/01/23 15:49	08/02/23 15:35	1
alpha-Chlordane	ND		0.011		ug/L		08/01/23 15:49	08/02/23 15:35	1
delta-BHC	ND		0.033		ug/L		08/01/23 15:49	08/02/23 15:35	1
Dieldrin	ND		0.022		ug/L		08/01/23 15:49	08/02/23 15:35	1
Endosulfan I	ND		0.011		ug/L		08/01/23 15:49	08/02/23 15:35	1
Endosulfan II	ND		0.022		ug/L		08/01/23 15:49	08/02/23 15:35	1
Endosulfan sulfate	ND		0.022		ug/L		08/01/23 15:49	08/02/23 15:35	1
Endrin	ND		0.11		ug/L		08/01/23 15:49	08/02/23 15:35	1
Endrin aldehyde	ND	*	0.022		ug/L		08/01/23 15:49	08/02/23 15:35	1
gamma-BHC (Lindane)	ND		0.011		ug/L		08/01/23 15:49	08/02/23 15:35	1
Heptachlor	ND		0.011		ug/L		08/01/23 15:49	08/02/23 15:35	1
Heptachlor epoxide	ND		0.11		ug/L		08/01/23 15:49	08/02/23 15:35	1
4,4'-DDD	ND		0.022		ug/L		08/01/23 15:49	08/02/23 15:35	1
4,4'-DDE	ND		0.044		ug/L		08/01/23 15:49	08/02/23 15:35	1
4,4'-DDT	ND	*1	0.022		ug/L		08/01/23 15:49	08/02/23 15:35	1
Chlordane (n.o.s.)	ND		0.55		ug/L		08/01/23 15:49	08/02/23 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	42		32 - 149	08/01/23 15:49	08/02/23 15:35	1
DCB Decachlorobiphenyl (Surr)	39		32 - 149	08/01/23 15:49	08/02/23 15:35	1
Tetrachloro-m-xylene	56		29 - 129	08/01/23 15:49	08/02/23 15:35	1
Tetrachloro-m-xylene	57		29 - 129	08/01/23 15:49	08/02/23 15:35	1

Method: EPA 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.55		ug/L		08/01/23 15:59	08/02/23 17:41	1
PCB-1221	ND		0.55		ug/L		08/01/23 15:59	08/02/23 17:41	1
PCB-1232	ND		0.55		ug/L		08/01/23 15:59	08/02/23 17:41	1
PCB-1242	ND		0.55		ug/L		08/01/23 15:59	08/02/23 17:41	1
PCB-1248	ND		0.55		ug/L		08/01/23 15:59	08/02/23 17:41	1
PCB-1254	ND		0.55		ug/L		08/01/23 15:59	08/02/23 17:41	1
PCB-1260	ND		0.55		ug/L		08/01/23 15:59	08/02/23 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	46		10 - 127	08/01/23 15:59	08/02/23 17:41	1
DCB Decachlorobiphenyl (Surr)	40		10 - 127	08/01/23 15:59	08/02/23 17:41	1
Tetrachloro-m-xylene (Surr)	69		18 - 115	08/01/23 15:59	08/02/23 17:41	1
Tetrachloro-m-xylene (Surr)	60		18 - 115	08/01/23 15:59	08/02/23 17:41	1

QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 280-622313/1-A

Matrix: Water

Analysis Batch: 622450

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 622313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Acenaphthylene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Anthracene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Benidine	ND		100		ug/L		08/09/23 14:16	08/10/23 11:50	1
Benzo[a]anthracene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Benzo[b]fluoranthene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Benzo[k]fluoranthene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Benzo[a]pyrene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Bis(2-chloroethoxy)methane	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Bis(2-chloroethyl)ether	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
4-Bromophenyl phenyl ether	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Butyl benzyl phthalate	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
4-Chloro-3-methylphenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
2-Chloronaphthalene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
2-Chlorophenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
4-Chlorophenyl phenyl ether	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Chrysene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Dibenz(a,h)anthracene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Di-n-butyl phthalate	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
3,3'-Dichlorobenzidine	ND		50		ug/L		08/09/23 14:16	08/10/23 11:50	1
2,4-Dichlorophenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Diethyl phthalate	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
2,4-Dimethylphenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Dimethyl phthalate	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
4,6-Dinitro-2-methylphenol	ND		50		ug/L		08/09/23 14:16	08/10/23 11:50	1
2,4-Dinitrophenol	ND		30		ug/L		08/09/23 14:16	08/10/23 11:50	1
2,4-Dinitrotoluene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
2,6-Dinitrotoluene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Di-n-octyl phthalate	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Fluoranthene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Fluorene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Hexachlorobenzene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Hexachlorobutadiene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Hexachlorocyclopentadiene	ND		50		ug/L		08/09/23 14:16	08/10/23 11:50	1
Hexachloroethane	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Isophorone	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Naphthalene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
Nitrobenzene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
2-Nitrophenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
4-Nitrophenol	ND		25		ug/L		08/09/23 14:16	08/10/23 11:50	1
N-Nitrosodimethylamine	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
N-Nitrosodiphenylamine	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
N-Nitrosodi-n-propylamine	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Pentachlorophenol	ND		50		ug/L		08/09/23 14:16	08/10/23 11:50	1
Phenanthrene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-622313/1-A

Matrix: Water

Analysis Batch: 622450

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 622313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Pyrene	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
1,2,4-Trichlorobenzene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
2,4,6-Trichlorophenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
2-Methylphenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Benzo[g,h,i]perylene	ND		4.0		ug/L		08/09/23 14:16	08/10/23 11:50	1
bis (2-Chloroisopropyl) ether	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
3 & 4 Methylphenol	ND		10		ug/L		08/09/23 14:16	08/10/23 11:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	44		36 - 120				08/09/23 14:16	08/10/23 11:50	1
2-Fluorophenol	57		30 - 120				08/09/23 14:16	08/10/23 11:50	1
2,4,6-Tribromophenol	57		50 - 120				08/09/23 14:16	08/10/23 11:50	1
Nitrobenzene-d5	60		45 - 120				08/09/23 14:16	08/10/23 11:50	1
Phenol-d5	48		36 - 120				08/09/23 14:16	08/10/23 11:50	1
Terphenyl-d14	79		52 - 120				08/09/23 14:16	08/10/23 11:50	1

Lab Sample ID: LCS 280-622313/2-A

Matrix: Water

Analysis Batch: 622450

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 622313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	80.0	61.8		ug/L		77	47 - 145
Acenaphthylene	80.0	59.8		ug/L		75	33 - 145
Anthracene	80.0	71.4		ug/L		89	27 - 133
Benzidine	160	ND	*	ug/L		2	5 - 65
Benzo[a]anthracene	80.0	72.1		ug/L		90	33 - 143
Benzo[b]fluoranthene	80.0	77.6		ug/L		97	24 - 159
Benzo[k]fluoranthene	80.0	77.3		ug/L		97	11 - 162
Benzo[a]pyrene	80.0	69.8		ug/L		87	17 - 163
Bis(2-chloroethoxy)methane	80.0	65.6		ug/L		82	33 - 184
Bis(2-chloroethyl)ether	80.0	66.5		ug/L		83	12 - 158
Bis(2-ethylhexyl) phthalate	80.0	88.6		ug/L		111	10 - 158
4-Bromophenyl phenyl ether	80.0	69.8		ug/L		87	53 - 127
Butyl benzyl phthalate	80.0	83.4		ug/L		104	10 - 152
4-Chloro-3-methylphenol	80.0	73.8		ug/L		92	22 - 147
2-Chloronaphthalene	80.0	77.7		ug/L		97	60 - 118
2-Chlorophenol	80.0	61.8		ug/L		77	23 - 134
4-Chlorophenyl phenyl ether	80.0	68.3		ug/L		85	25 - 158
Chrysene	80.0	73.9		ug/L		92	17 - 168
Dibenz(a,h)anthracene	80.0	79.4		ug/L		99	10 - 227
Di-n-butyl phthalate	80.0	79.1		ug/L		99	10 - 118
3,3'-Dichlorobenzidine	160	135		ug/L		84	10 - 262
2,4-Dichlorophenol	80.0	68.9		ug/L		86	39 - 135
Diethyl phthalate	80.0	77.4		ug/L		97	10 - 114
2,4-Dimethylphenol	80.0	68.9		ug/L		86	32 - 119
Dimethyl phthalate	80.0	74.9		ug/L		94	10 - 112
4,6-Dinitro-2-methylphenol	160	138		ug/L		86	10 - 181

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-622313/2-A

Matrix: Water

Analysis Batch: 622450

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 622313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrophenol	160	132		ug/L		83	10 - 191
2,4-Dinitrotoluene	80.0	78.1		ug/L		98	39 - 139
2,6-Dinitrotoluene	80.0	75.5		ug/L		94	50 - 158
Di-n-octyl phthalate	80.0	88.6		ug/L		111	10 - 146
Fluoranthene	80.0	72.6		ug/L		91	26 - 137
Fluorene	80.0	69.9		ug/L		87	59 - 121
Hexachlorobenzene	80.0	69.7		ug/L		87	10 - 152
Hexachlorobutadiene	80.0	24.8		ug/L		31	24 - 116
Hexachlorocyclopentadiene	160	51.7		ug/L		32	10 - 68
Hexachloroethane	80.0	24.7	*-	ug/L		31	40 - 113
Indeno[1,2,3-cd]pyrene	80.0	71.5		ug/L		89	10 - 171
Isophorone	80.0	71.8		ug/L		90	21 - 196
Naphthalene	80.0	44.3		ug/L		55	21 - 133
Nitrobenzene	80.0	63.1		ug/L		79	35 - 180
2-Nitrophenol	80.0	65.0		ug/L		81	29 - 182
4-Nitrophenol	160	120		ug/L		75	10 - 132
N-Nitrosodimethylamine	80.0	58.4		ug/L		73	37 - 113
N-Nitrosodiphenylamine	80.0	68.6		ug/L		86	46 - 114
N-Nitrosodi-n-propylamine	80.0	72.1		ug/L		90	10 - 230
Pentachlorophenol	160	133		ug/L		83	14 - 176
Phenanthrene	80.0	68.5		ug/L		86	54 - 120
Phenol	80.0	45.6		ug/L		57	10 - 112
Pyrene	80.0	71.8		ug/L		90	55 - 115
1,2,4-Trichlorobenzene	80.0	32.0	*-	ug/L		40	44 - 142
2,4,6-Trichlorophenol	80.0	71.5		ug/L		89	37 - 144
2-Methylphenol	80.0	66.1		ug/L		83	51 - 108
Benzo[g,h,i]perylene	80.0	74.0		ug/L		92	10 - 219
bis (2-Chloroisopropyl) ether	80.0	53.3		ug/L		67	36 - 166

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	72		36 - 120
2-Fluorophenol	60		30 - 120
2,4,6-Tribromophenol	89		50 - 120
Nitrobenzene-d5	78		45 - 120
Phenol-d5	50		36 - 120
Terphenyl-d14	87		52 - 120

Lab Sample ID: LCSD 280-622313/3-A

Matrix: Water

Analysis Batch: 622450

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 622313

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	80.0	68.6		ug/L		86	47 - 145	10	30
Acenaphthylene	80.0	65.4		ug/L		82	33 - 145	9	30
Anthracene	80.0	78.7		ug/L		98	27 - 133	10	30
Benzidine	160	ND	*1	ug/L		7	5 - 65	112	50
Benzo[a]anthracene	80.0	81.8		ug/L		102	33 - 143	13	30
Benzo[b]fluoranthene	80.0	87.4		ug/L		109	24 - 159	12	90

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-622313/3-A

Matrix: Water

Analysis Batch: 622450

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 622313

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene	80.0	80.3		ug/L		100	11 - 162	4	50
Benzo[a]pyrene	80.0	74.0		ug/L		92	17 - 163	6	73
Bis(2-chloroethoxy)methane	80.0	69.5		ug/L		87	33 - 184	6	30
Bis(2-chloroethyl)ether	80.0	68.4		ug/L		86	12 - 158	3	30
Bis(2-ethylhexyl) phthalate	80.0	101		ug/L		127	10 - 158	14	30
4-Bromophenyl phenyl ether	80.0	76.3		ug/L		95	53 - 127	9	34
Butyl benzyl phthalate	80.0	97.2		ug/L		121	10 - 152	15	30
4-Chloro-3-methylphenol	80.0	80.0		ug/L		100	22 - 147	8	30
2-Chloronaphthalene	80.0	93.5		ug/L		117	60 - 118	19	30
2-Chlorophenol	80.0	60.2		ug/L		75	23 - 134	3	30
4-Chlorophenyl phenyl ether	80.0	74.8		ug/L		93	25 - 158	9	30
Chrysene	80.0	84.3		ug/L		105	17 - 168	13	30
Dibenz(a,h)anthracene	80.0	85.5		ug/L		107	10 - 227	7	78
Di-n-butyl phthalate	80.0	89.8		ug/L		112	10 - 118	13	30
3,3'-Dichlorobenzidine	160	148		ug/L		92	10 - 262	9	50
2,4-Dichlorophenol	80.0	71.3		ug/L		89	39 - 135	3	30
Diethyl phthalate	80.0	82.1		ug/L		103	10 - 114	6	30
2,4-Dimethylphenol	80.0	72.8		ug/L		91	32 - 119	5	35
Dimethyl phthalate	80.0	79.8		ug/L		100	10 - 112	6	30
4,6-Dinitro-2-methylphenol	160	152		ug/L		95	10 - 181	10	55
2,4-Dinitrophenol	160	143		ug/L		89	10 - 191	8	61
2,4-Dinitrotoluene	80.0	85.6		ug/L		107	39 - 139	9	35
2,6-Dinitrotoluene	80.0	82.1		ug/L		103	50 - 158	8	30
Di-n-octyl phthalate	80.0	102		ug/L		127	10 - 146	14	30
Fluoranthene	80.0	79.5		ug/L		99	26 - 137	9	30
Fluorene	80.0	73.5		ug/L		92	59 - 121	5	30
Hexachlorobenzene	80.0	76.0		ug/L		95	10 - 152	9	30
Hexachlorobutadiene	80.0	26.2		ug/L		33	24 - 116	6	41
Hexachlorocyclopentadiene	160	60.7		ug/L		38	10 - 68	16	82
Hexachloroethane	80.0	24.3	*-	ug/L		30	40 - 113	2	52
Indeno[1,2,3-cd]pyrene	80.0	80.6		ug/L		101	10 - 171	12	73
Isophorone	80.0	77.0		ug/L		96	21 - 196	7	30
Naphthalene	80.0	47.8		ug/L		60	21 - 133	8	30
Nitrobenzene	80.0	66.5		ug/L		83	35 - 180	5	30
2-Nitrophenol	80.0	70.4		ug/L		88	29 - 182	8	30
4-Nitrophenol	160	129		ug/L		81	10 - 132	8	42
N-Nitrosodimethylamine	80.0	58.6		ug/L		73	37 - 113	0	30
N-Nitrosodiphenylamine	80.0	74.5		ug/L		93	46 - 114	8	50
N-Nitrosodi-n-propylamine	80.0	76.8		ug/L		96	10 - 230	6	30
Pentachlorophenol	160	141		ug/L		88	14 - 176	5	30
Phenanthrene	80.0	74.9		ug/L		94	54 - 120	9	30
Phenol	80.0	49.0		ug/L		61	10 - 112	7	30
Pyrene	80.0	79.4		ug/L		99	55 - 115	10	30
1,2,4-Trichlorobenzene	80.0	33.6	*-	ug/L		42	44 - 142	5	35
2,4,6-Trichlorophenol	80.0	75.2		ug/L		94	37 - 144	5	30
2-Methylphenol	80.0	68.7		ug/L		86	51 - 108	4	35
Benzo[g,h,i]perylene	80.0	81.3		ug/L		102	10 - 219	9	64
bis (2-Chloroisopropyl) ether	80.0	55.5		ug/L		69	36 - 166	4	30

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-622313/3-A

Matrix: Water

Analysis Batch: 622450

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 622313

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	74		36 - 120
2-Fluorophenol	56		30 - 120
2,4,6-Tribromophenol	90		50 - 120
Nitrobenzene-d5	78		45 - 120
Phenol-d5	51		36 - 120
Terphenyl-d14	90		52 - 120

Lab Sample ID: MB 280-622825/1-A

Matrix: Water

Analysis Batch: 622971

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 622825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Acenaphthylene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Anthracene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Benidine	ND		100		ug/L		08/14/23 12:26	08/15/23 10:29	1
Benzo[a]anthracene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Benzo[b]fluoranthene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Benzo[k]fluoranthene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Benzo[a]pyrene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Bis(2-chloroethoxy)methane	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Bis(2-chloroethyl)ether	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
4-Bromophenyl phenyl ether	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Butyl benzyl phthalate	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
4-Chloro-3-methylphenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
2-Chloronaphthalene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
2-Chlorophenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
4-Chlorophenyl phenyl ether	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Chrysene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Dibenz(a,h)anthracene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Di-n-butyl phthalate	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
3,3'-Dichlorobenzidine	ND		50		ug/L		08/14/23 12:26	08/15/23 10:29	1
2,4-Dichlorophenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Diethyl phthalate	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
2,4-Dimethylphenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Dimethyl phthalate	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
4,6-Dinitro-2-methylphenol	ND		50		ug/L		08/14/23 12:26	08/15/23 10:29	1
2,4-Dinitrophenol	ND		30		ug/L		08/14/23 12:26	08/15/23 10:29	1
2,4-Dinitrotoluene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
2,6-Dinitrotoluene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Di-n-octyl phthalate	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Fluoranthene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Fluorene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Hexachlorobenzene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Hexachlorobutadiene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Hexachlorocyclopentadiene	ND		50		ug/L		08/14/23 12:26	08/15/23 10:29	1

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-622825/1-A

Matrix: Water

Analysis Batch: 622971

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 622825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Indeno[1,2,3-cd]pyrene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Isophorone	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Naphthalene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Nitrobenzene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
2-Nitrophenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
4-Nitrophenol	ND		25		ug/L		08/14/23 12:26	08/15/23 10:29	1
N-Nitrosodimethylamine	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
N-Nitrosodiphenylamine	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
N-Nitrosodi-n-propylamine	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Pentachlorophenol	ND		50		ug/L		08/14/23 12:26	08/15/23 10:29	1
Phenanthrene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
Phenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Pyrene	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
1,2,4-Trichlorobenzene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
2,4,6-Trichlorophenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
2-Methylphenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
Benzo[g,h,i]perylene	ND		4.0		ug/L		08/14/23 12:26	08/15/23 10:29	1
bis (2-Chloroisopropyl) ether	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1
3 & 4 Methylphenol	ND		10		ug/L		08/14/23 12:26	08/15/23 10:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		36 - 120	08/14/23 12:26	08/15/23 10:29	1
2-Fluorophenol	63		30 - 120	08/14/23 12:26	08/15/23 10:29	1
2,4,6-Tribromophenol	76		50 - 120	08/14/23 12:26	08/15/23 10:29	1
Nitrobenzene-d5	73		45 - 120	08/14/23 12:26	08/15/23 10:29	1
Phenol-d5	58		36 - 120	08/14/23 12:26	08/15/23 10:29	1
Terphenyl-d14	90		52 - 120	08/14/23 12:26	08/15/23 10:29	1

Lab Sample ID: LCS 280-622825/2-A

Matrix: Water

Analysis Batch: 622971

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 622825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	80.0	59.9		ug/L		75	47 - 145
Acenaphthylene	80.0	59.4		ug/L		74	33 - 145
Anthracene	80.0	64.2		ug/L		80	27 - 133
Benzidine	160	ND		ug/L		5	5 - 65
Benzo[a]anthracene	80.0	65.2		ug/L		82	33 - 143
Benzo[b]fluoranthene	80.0	73.3		ug/L		92	24 - 159
Benzo[k]fluoranthene	80.0	70.4		ug/L		88	11 - 162
Benzo[a]pyrene	80.0	64.0		ug/L		80	17 - 163
Bis(2-chloroethoxy)methane	80.0	61.4		ug/L		77	33 - 184
Bis(2-chloroethyl)ether	80.0	63.5		ug/L		79	12 - 158
Bis(2-ethylhexyl) phthalate	80.0	85.1		ug/L		106	10 - 158
4-Bromophenyl phenyl ether	80.0	67.4		ug/L		84	53 - 127
Butyl benzyl phthalate	80.0	81.0		ug/L		101	10 - 152
4-Chloro-3-methylphenol	80.0	68.5		ug/L		86	22 - 147

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-622825/2-A

Matrix: Water

Analysis Batch: 622971

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 622825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloronaphthalene	80.0	83.2		ug/L		104	60 - 118
2-Chlorophenol	80.0	59.8		ug/L		75	23 - 134
4-Chlorophenyl phenyl ether	80.0	65.1		ug/L		81	25 - 158
Chrysene	80.0	68.2		ug/L		85	17 - 168
Dibenz(a,h)anthracene	80.0	68.6		ug/L		86	10 - 227
Di-n-butyl phthalate	80.0	77.4		ug/L		97	10 - 118
3,3'-Dichlorobenzidine	160	131		ug/L		82	10 - 262
2,4-Dichlorophenol	80.0	62.4		ug/L		78	39 - 135
Diethyl phthalate	80.0	74.3		ug/L		93	10 - 114
2,4-Dimethylphenol	80.0	62.2		ug/L		78	32 - 119
Dimethyl phthalate	80.0	68.2		ug/L		85	10 - 112
4,6-Dinitro-2-methylphenol	160	126		ug/L		79	10 - 181
2,4-Dinitrophenol	160	121		ug/L		75	10 - 191
2,4-Dinitrotoluene	80.0	72.3		ug/L		90	39 - 139
2,6-Dinitrotoluene	80.0	69.4		ug/L		87	50 - 158
Di-n-octyl phthalate	80.0	86.1		ug/L		108	10 - 146
Fluoranthene	80.0	63.8		ug/L		80	26 - 137
Fluorene	80.0	63.8		ug/L		80	59 - 121
Hexachlorobenzene	80.0	63.1		ug/L		79	10 - 152
Hexachlorobutadiene	80.0	47.1		ug/L		59	24 - 116
Hexachlorocyclopentadiene	160	101		ug/L		63	10 - 68
Hexachloroethane	80.0	47.3		ug/L		59	40 - 113
Indeno[1,2,3-cd]pyrene	80.0	58.9		ug/L		74	10 - 171
Isophorone	80.0	66.1		ug/L		83	21 - 196
Naphthalene	80.0	55.8		ug/L		70	21 - 133
Nitrobenzene	80.0	61.9		ug/L		77	35 - 180
2-Nitrophenol	80.0	60.5		ug/L		76	29 - 182
4-Nitrophenol	160	127		ug/L		79	10 - 132
N-Nitrosodimethylamine	80.0	60.8		ug/L		76	37 - 113
N-Nitrosodiphenylamine	80.0	63.9		ug/L		80	46 - 114
N-Nitrosodi-n-propylamine	80.0	68.8		ug/L		86	10 - 230
Pentachlorophenol	160	114		ug/L		71	14 - 176
Phenanthrene	80.0	62.3		ug/L		78	54 - 120
Phenol	80.0	50.0		ug/L		63	10 - 112
Pyrene	80.0	68.5		ug/L		86	55 - 115
1,2,4-Trichlorobenzene	80.0	50.5		ug/L		63	44 - 142
2,4,6-Trichlorophenol	80.0	66.1		ug/L		83	37 - 144
2-Methylphenol	80.0	63.3		ug/L		79	51 - 108
Benzo[g,h,i]perylene	80.0	65.5		ug/L		82	10 - 219
bis (2-Chloroisopropyl) ether	80.0	53.2		ug/L		66	36 - 166

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	76		36 - 120
2-Fluorophenol	67		30 - 120
2,4,6-Tribromophenol	86		50 - 120
Nitrobenzene-d5	78		45 - 120
Phenol-d5	61		36 - 120
Terphenyl-d14	87		52 - 120

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-622825/3-A

Matrix: Water

Analysis Batch: 622971

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 622825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	80.0	66.9		ug/L		84	47 - 145	11	30
Acenaphthylene	80.0	65.8		ug/L		82	33 - 145	10	30
Anthracene	80.0	71.7		ug/L		90	27 - 133	11	30
Benzidine	160	69.6	J *1	ug/L		43	5 - 65	162	50
Benzo[a]anthracene	80.0	73.7		ug/L		92	33 - 143	12	30
Benzo[b]fluoranthene	80.0	80.9		ug/L		101	24 - 159	10	90
Benzo[k]fluoranthene	80.0	81.1		ug/L		101	11 - 162	14	50
Benzo[a]pyrene	80.0	72.4		ug/L		91	17 - 163	12	73
Bis(2-chloroethoxy)methane	80.0	69.4		ug/L		87	33 - 184	12	30
Bis(2-chloroethyl)ether	80.0	69.9		ug/L		87	12 - 158	10	30
Bis(2-ethylhexyl) phthalate	80.0	94.5		ug/L		118	10 - 158	11	30
4-Bromophenyl phenyl ether	80.0	75.0		ug/L		94	53 - 127	11	34
Butyl benzyl phthalate	80.0	92.7		ug/L		116	10 - 152	13	30
4-Chloro-3-methylphenol	80.0	80.4		ug/L		101	22 - 147	16	30
2-Chloronaphthalene	80.0	101	*+	ug/L		126	60 - 118	19	30
2-Chlorophenol	80.0	64.6		ug/L		81	23 - 134	8	30
4-Chlorophenyl phenyl ether	80.0	72.4		ug/L		91	25 - 158	11	30
Chrysene	80.0	76.0		ug/L		95	17 - 168	11	30
Dibenz(a,h)anthracene	80.0	76.2		ug/L		95	10 - 227	11	78
Di-n-butyl phthalate	80.0	84.2		ug/L		105	10 - 118	8	30
3,3'-Dichlorobenzidine	160	146		ug/L		91	10 - 262	11	50
2,4-Dichlorophenol	80.0	71.4		ug/L		89	39 - 135	13	30
Diethyl phthalate	80.0	82.8		ug/L		104	10 - 114	11	30
2,4-Dimethylphenol	80.0	73.4		ug/L		92	32 - 119	17	35
Dimethyl phthalate	80.0	77.6		ug/L		97	10 - 112	13	30
4,6-Dinitro-2-methylphenol	160	146		ug/L		91	10 - 181	14	55
2,4-Dinitrophenol	160	144		ug/L		90	10 - 191	17	61
2,4-Dinitrotoluene	80.0	82.2		ug/L		103	39 - 139	13	35
2,6-Dinitrotoluene	80.0	79.6		ug/L		99	50 - 158	14	30
Di-n-octyl phthalate	80.0	97.3		ug/L		122	10 - 146	12	30
Fluoranthene	80.0	72.5		ug/L		91	26 - 137	13	30
Fluorene	80.0	70.9		ug/L		89	59 - 121	11	30
Hexachlorobenzene	80.0	74.2		ug/L		93	10 - 152	16	30
Hexachlorobutadiene	80.0	49.5		ug/L		62	24 - 116	5	41
Hexachlorocyclopentadiene	160	108		ug/L		67	10 - 68	7	82
Hexachloroethane	80.0	47.3		ug/L		59	40 - 113	0	52
Indeno[1,2,3-cd]pyrene	80.0	65.6		ug/L		82	10 - 171	11	73
Isophorone	80.0	77.1		ug/L		96	21 - 196	15	30
Naphthalene	80.0	60.3		ug/L		75	21 - 133	8	30
Nitrobenzene	80.0	68.8		ug/L		86	35 - 180	11	30
2-Nitrophenol	80.0	70.3		ug/L		88	29 - 182	15	30
4-Nitrophenol	160	131		ug/L		82	10 - 132	3	42
N-Nitrosodimethylamine	80.0	62.8		ug/L		78	37 - 113	3	30
N-Nitrosodiphenylamine	80.0	72.3		ug/L		90	46 - 114	12	50
N-Nitrosodi-n-propylamine	80.0	77.3		ug/L		97	10 - 230	12	30
Pentachlorophenol	160	131		ug/L		82	14 - 176	14	30
Phenanthrene	80.0	69.9		ug/L		87	54 - 120	12	30
Phenol	80.0	49.0		ug/L		61	10 - 112	2	30

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-622825/3-A

Matrix: Water

Analysis Batch: 622971

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 622825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	80.0	77.1		ug/L		96	55 - 115	12	30
1,2,4-Trichlorobenzene	80.0	53.5		ug/L		67	44 - 142	6	35
2,4,6-Trichlorophenol	80.0	75.2		ug/L		94	37 - 144	13	30
2-Methylphenol	80.0	69.7		ug/L		87	51 - 108	10	35
Benzo[g,h,i]perylene	80.0	71.4		ug/L		89	10 - 219	9	64
bis (2-Chloroisopropyl) ether	80.0	57.9		ug/L		72	36 - 166	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	86		36 - 120
2-Fluorophenol	71		30 - 120
2,4,6-Tribromophenol	101		50 - 120
Nitrobenzene-d5	90		45 - 120
Phenol-d5	61		36 - 120
Terphenyl-d14	100		52 - 120

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 410-403192/1-A

Matrix: Water

Analysis Batch: 403321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 403192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.010		ug/L		08/01/23 15:49	08/02/23 13:36	1
alpha-BHC	ND		0.030		ug/L		08/01/23 15:49	08/02/23 13:36	1
beta-BHC	ND		0.10		ug/L		08/01/23 15:49	08/02/23 13:36	1
alpha-Chlordane	ND		0.010		ug/L		08/01/23 15:49	08/02/23 13:36	1
delta-BHC	ND		0.030		ug/L		08/01/23 15:49	08/02/23 13:36	1
Dieldrin	ND		0.020		ug/L		08/01/23 15:49	08/02/23 13:36	1
Endosulfan I	ND		0.010		ug/L		08/01/23 15:49	08/02/23 13:36	1
Endosulfan II	ND		0.020		ug/L		08/01/23 15:49	08/02/23 13:36	1
Endosulfan sulfate	ND		0.020		ug/L		08/01/23 15:49	08/02/23 13:36	1
Endrin	ND		0.10		ug/L		08/01/23 15:49	08/02/23 13:36	1
Endrin aldehyde	ND		0.020		ug/L		08/01/23 15:49	08/02/23 13:36	1
gamma-BHC (Lindane)	ND		0.010		ug/L		08/01/23 15:49	08/02/23 13:36	1
Heptachlor	ND		0.010		ug/L		08/01/23 15:49	08/02/23 13:36	1
Heptachlor epoxide	ND		0.10		ug/L		08/01/23 15:49	08/02/23 13:36	1
4,4'-DDD	ND		0.020		ug/L		08/01/23 15:49	08/02/23 13:36	1
4,4'-DDE	ND		0.040		ug/L		08/01/23 15:49	08/02/23 13:36	1
4,4'-DDT	ND		0.020		ug/L		08/01/23 15:49	08/02/23 13:36	1
Chlordane (n.o.s.)	ND		0.50		ug/L		08/01/23 15:49	08/02/23 13:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	58		32 - 149	08/01/23 15:49	08/02/23 13:36	1
DCB Decachlorobiphenyl (Surr)	57		32 - 149	08/01/23 15:49	08/02/23 13:36	1
Tetrachloro-m-xylene	49		29 - 129	08/01/23 15:49	08/02/23 13:36	1
Tetrachloro-m-xylene	52		29 - 129	08/01/23 15:49	08/02/23 13:36	1

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QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCS 410-403192/2-A

Matrix: Water

Analysis Batch: 403321

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 403192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.100	0.0487		ug/L		49	42 - 140
alpha-BHC	0.100	0.0678		ug/L		68	37 - 140
beta-BHC	0.100	0.0781	J	ug/L		78	17 - 140
alpha-Chlordane	0.100	0.0704		ug/L		70	45 - 147
delta-BHC	0.100	0.0668		ug/L		67	19 - 140
Dieldrin	0.200	0.144		ug/L		72	36 - 146
Endosulfan I	0.100	0.0709		ug/L		71	45 - 153
Endosulfan II	0.200	0.156		ug/L		78	10 - 200
Endosulfan sulfate	0.200	0.160		ug/L		80	26 - 144
Endrin	0.200	0.149		ug/L		75	30 - 147
Endrin aldehyde	0.200	0.126		ug/L		63	60 - 140
gamma-BHC (Lindane)	0.100	0.0689		ug/L		69	32 - 140
Heptachlor	0.100	0.0608		ug/L		61	34 - 140
Heptachlor epoxide	0.100	0.0711	J	ug/L		71	37 - 142
4,4'-DDD	0.200	0.159		ug/L		79	31 - 141
4,4'-DDE	0.200	0.128		ug/L		64	30 - 146
4,4'-DDT	0.200	0.165		ug/L		83	25 - 160

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	63		32 - 149
DCB Decachlorobiphenyl (Surr)	60		32 - 149
Tetrachloro-m-xylene	54		29 - 129
Tetrachloro-m-xylene	55		29 - 129

Lab Sample ID: LCSD 410-403192/3-A

Matrix: Water

Analysis Batch: 403321

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 403192

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin	0.100	0.0415		ug/L		42	42 - 140	16	35
alpha-BHC	0.100	0.0571		ug/L		57	37 - 140	19	36
beta-BHC	0.100	0.0653	J	ug/L		65	17 - 140	18	44
alpha-Chlordane	0.100	0.0577		ug/L		58	45 - 147	20	35
delta-BHC	0.100	0.0557		ug/L		56	19 - 140	21	52
Dieldrin	0.200	0.118		ug/L		59	36 - 146	20	49
Endosulfan I	0.100	0.0604		ug/L		60	45 - 153	17	28
Endosulfan II	0.200	0.128		ug/L		64	10 - 200	20	53
Endosulfan sulfate	0.200	0.130		ug/L		65	26 - 144	20	38
Endrin	0.200	0.121		ug/L		61	30 - 147	21	48
Endrin aldehyde	0.200	0.0968	*-	ug/L		48	60 - 140	26	30
gamma-BHC (Lindane)	0.100	0.0563		ug/L		56	32 - 140	20	39
Heptachlor	0.100	0.0551		ug/L		55	34 - 140	11	43
Heptachlor epoxide	0.100	0.0600	J	ug/L		60	37 - 142	19	26
4,4'-DDD	0.200	0.125		ug/L		62	31 - 141	24	39
4,4'-DDE	0.200	0.106		ug/L		53	30 - 146	17	35
4,4'-DDT	0.200	0.146		ug/L		73	25 - 160	22	30

Eurofins Seattle

QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCSD 410-403192/3-A
Matrix: Water
Analysis Batch: 403321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 403192

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	50		32 - 149
DCB Decachlorobiphenyl (Surr)	49		32 - 149
Tetrachloro-m-xylene	48		29 - 129
Tetrachloro-m-xylene	47		29 - 129

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 410-403196/1-A
Matrix: Water
Analysis Batch: 403564

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 403196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50		ug/L		08/01/23 15:59	08/02/23 12:48	1
PCB-1221	ND		0.50		ug/L		08/01/23 15:59	08/02/23 12:48	1
PCB-1232	ND		0.50		ug/L		08/01/23 15:59	08/02/23 12:48	1
PCB-1242	ND		0.50		ug/L		08/01/23 15:59	08/02/23 12:48	1
PCB-1248	ND		0.50		ug/L		08/01/23 15:59	08/02/23 12:48	1
PCB-1254	ND		0.50		ug/L		08/01/23 15:59	08/02/23 12:48	1
PCB-1260	ND		0.50		ug/L		08/01/23 15:59	08/02/23 12:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		10 - 127	08/01/23 15:59	08/02/23 12:48	1
DCB Decachlorobiphenyl (Surr)	59		10 - 127	08/01/23 15:59	08/02/23 12:48	1
Tetrachloro-m-xylene (Surr)	66		18 - 115	08/01/23 15:59	08/02/23 12:48	1
Tetrachloro-m-xylene (Surr)	57		18 - 115	08/01/23 15:59	08/02/23 12:48	1

Lab Sample ID: LCS 410-403196/2-A
Matrix: Water
Analysis Batch: 403564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 403196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	5.01	4.30		ug/L		86	50 - 140
PCB-1260	5.02	3.38		ug/L		67	10 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	60		10 - 127
DCB Decachlorobiphenyl (Surr)	53		10 - 127
Tetrachloro-m-xylene (Surr)	73		18 - 115
Tetrachloro-m-xylene (Surr)	64		18 - 115

Lab Sample ID: LCSD 410-403196/3-A
Matrix: Water
Analysis Batch: 403564

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 403196

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	5.01	3.37		ug/L		67	50 - 140	24	36
PCB-1260	5.02	3.00		ug/L		60	10 - 140	12	38

Eurofins Seattle

QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCSD 410-403196/3-A

Matrix: Water

Analysis Batch: 403564

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 403196

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	56		10 - 127
DCB Decachlorobiphenyl (Surr)	48		10 - 127
Tetrachloro-m-xylene (Surr)	49		18 - 115
Tetrachloro-m-xylene (Surr)	42		18 - 115

Lab Chronicle

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Client Sample ID: effluent composite

Date Collected: 07/26/23 08:21

Date Received: 07/26/23 11:30

Lab Sample ID: 580-129893-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	625			622313	EDW	EET DEN	08/09/23 14:16
Total/NA	Analysis	625.1		1	622450	MRS	EET DEN	08/10/23 12:56
Total/NA	Prep	625			622825	EDW	EET DEN	08/14/23 12:26
Total/NA	Analysis	625.1		1	622971	MRS	EET DEN	08/15/23 11:36

Client Sample ID: effluent composite

Date Collected: 07/26/23 08:22

Date Received: 07/26/23 11:30

Lab Sample ID: 580-129893-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	608.3			403196	T9CY	ELLE	08/01/23 15:59
Total/NA	Analysis	608.3		1	403564	GM5C	ELLE	08/02/23 17:41
Total/NA	Prep	608.3			403192	T9CY	ELLE	08/01/23 15:49
Total/NA	Analysis	608.3		1	403321	UAMZ	ELLE	08/02/23 15:35

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C583-19	08-03-23 *

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-24
Alaska	State	PA00009	06-30-24
Alaska (UST)	State	17-027	02-28-24
Arizona	State	AZ0780	03-12-24
Arkansas DEQ	State	88-00660	08-08-23
California	State	2792	11-30-23
Colorado	State	PA00009	06-30-24
Connecticut	State	PH-0746	08-02-23
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-24
Delaware (DW)	State	N/A	01-31-24
Florida	NELAP	E87997	06-30-24
Georgia (DW)	State	C048	01-31-24
Hawaii	State	N/A	01-31-24
Illinois	NELAP	200027	01-31-24
Iowa	State	361	03-01-24
Kansas	NELAP	E-10151	10-31-23
Kentucky (DW)	State	KY90088	12-31-23
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-23
Louisiana (All)	NELAP	02055	06-30-24
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-24
Massachusetts	State	M-PA009	06-30-24
Michigan	State	9930	01-31-24
Minnesota	NELAP	042-999-487	12-31-23
Mississippi	State	023	01-31-24
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-24
Nebraska	State	NE-OS-32-17	01-31-24
New Hampshire	NELAP	2730	01-10-24
New Jersey	NELAP	PA011	06-30-24
New York	NELAP	10670	04-01-24
North Carolina (DW)	State	42705	07-31-24
North Carolina (WW/SW)	State	521	12-31-23
North Dakota	State	R-205	01-31-24
Oklahoma	NELAP	9804	08-31-23
Oregon	NELAP	PA200001	09-11-23
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	01-31-24
Rhode Island	State	LAO00338	12-31-23
South Carolina	State	89002	01-31-24
Tennessee	State	02838	01-31-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Seattle

Accreditation/Certification Summary

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704194-23-46	08-31-23
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-23
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-24
West Virginia (DW)	State	9906 C	12-31-23
West Virginia DEP	State	055	07-31-24
Wyoming	State	8TMS-L	01-31-24
Wyoming (UST)	A2LA	0001.01	11-30-24

Sample Summary

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129893-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-129893-1	effluent composite	Water	07/26/23 08:21	07/26/23 11:30
580-129893-2	effluent composite	Water	07/26/23 08:22	07/26/23 11:30

Environment Testing

Ver: 06/08/2023

eurofins



Ver. 06/08/2021

Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: Veolia Water N. America Operating Srvs

Job Number: 580-129893-1

Login Number: 129893

List Number: 1

List Source: Eurofins Seattle

Creator: Hochrein, Richard 1

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Veolia Water N. America Operating Srvs

Job Number: 580-129893-1

Login Number: 129893

List Number: 3

Creator: Martinez, Anthony

List Source: Eurofins Denver

List Creation: 07/28/23 02:06 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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?	N/A	
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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Veolia Water N. America Operating Srvs

Job Number: 580-129893-1

Login Number: 129893

List Number: 2

Creator: McBeth, Jessica

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Creation: 07/28/23 10:39 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
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 ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace $> 6\text{mm}$ in diameter (none, if from WV)?	N/A	