FORM I
LCMS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Sacramento Job No.: 320-48796-1

SDG No.:

Client Sample ID: C0ARO Lab Sample ID: 320-48796-1

Matrix: Water Lab File ID: 2019.04.04_537AA_016.d

Analysis Method: 537 DW Date Collected: 03/27/2019 12:29

Extraction Method: 537 DW Date Extracted: 04/02/2019 17:08

Sample wt/vol: 280.2(mL) Date Analyzed: 04/04/2019 20:55

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 10(uL) GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 286192 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	5.2		1.8	0.85
335-67-1	Perfluorooctanoic acid	6.0	J	5.4	2.4
375-95-1	Perfluorononanoic acid	1.2	J	1.8	0.42
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.57
375-85-9	Perfluoroheptanoic acid	2.6	J	2.7	1.2
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.71

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	95		70-130
STL00996	13C2 PFDA	103		70-130

DV
4/30/19

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Lab Name: Eurofins TestAmerica, Sacramento Job No.: 320-48796-1

SDG No.:

Client Sample ID: C0AR1 Lab Sample ID: 320-48796-2

Matrix: Water Lab File ID: 2019.04.04_537AA_019.d

Analysis Method: 537 DW Date Collected: 03/27/2019 11:10

Extraction Method: 537 DW Date Extracted: 04/02/2019 17:08

Sample wt/vol: 284.5(mL) Date Analyzed: 04/04/2019 21:23

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 10(uL) GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 286192 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	ND		1.8	0.83
335-67-1	Perfluorooctanoic acid	ND		5.3	2.4
375-95-1	Perfluorononanoic acid	ND		1.8	0.41
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.56
375-85-9	Perfluoroheptanoic acid	ND		2.6	1.1
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	98		70-130
STL00996	13C2 PFDA	106		70-130

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Lab Name: Eurofins TestAmerica, Sacramento
Job No.: 320-48796-1
SDG No.:
Client Sample ID: C0AR2
Lab Sample ID: 320-48796-3
Matrix: Water
Lab File ID: 2019.04.04_537AA_020.d
Analysis Method: 537 DW
Date Collected: 03/27/2019 11:15
Extraction Method: 537 DW
Date Extracted: 04/02/2019 17:08
Sample wt/vol: 285.4(mL)
Date Analyzed: 04/04/2019 21:33
Con. Extract Vol.: 10.00(mL)
Dilution Factor: 1
Injection Volume: 10(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 286192
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	50		1.8	0.83
335-67-1	Perfluorooctanoic acid	72		5.3	2.4
375-95-1	Perfluorononanoic acid	9.1		1.8	0.41
355-46-4	Perfluorohexanesulfonic acid	3.8		1.8	0.56
375-85-9	Perfluoroheptanoic acid	24		2.6	1.1
375-73-5	Perfluorobutanesulfonic acid	55		1.8	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	91		70-130
STL00996	13C2 PFDA	107		70-130

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Lab Name: Eurofins TestAmerica, Sacramento
Job No.: 320-48796-1
SDG No.:
Client Sample ID: C0AR8
Lab Sample ID: 320-48796-4
Matrix: Water
Lab File ID: 2019.04.04_537AA_021.d
Analysis Method: 537 DW
Date Collected: 03/27/2019 09:30
Extraction Method: 537 DW
Date Extracted: 04/02/2019 17:08
Sample wt/vol: 282.9(mL)
Date Analyzed: 04/04/2019 21:42
Con. Extract Vol.: 10.00(mL)
Dilution Factor: 1
Injection Volume: 10(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 286192
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	2.6		1.8	0.84
335-67-1	Perfluorooctanoic acid	7.7		5.3	2.4
375-95-1	Perfluorononanoic acid	2.5		1.8	0.42
355-46-4	Perfluorohexanesulfonic acid	3.8		1.8	0.57
375-85-9	Perfluoroheptanoic acid	3.8		2.7	1.1
375-73-5	Perfluorobutanesulfonic acid	3.1		1.8	0.71

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	91		70-130
STL00996	13C2 PFDA	105		70-130

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Lab Name: Eurofins TestAmerica, Sacramento
Job No.: 320-48796-1
SDG No.:
Client Sample ID: C0AS7
Lab Sample ID: 320-48796-5
Matrix: Water
Lab File ID: 2019.04.04_537AA_022.d
Analysis Method: 537 DW
Date Collected: 03/27/2019 12:34
Extraction Method: 537 DW
Date Extracted: 04/02/2019 17:08
Sample wt/vol: 277.1(mL)
Date Analyzed: 04/04/2019 21:51
Con. Extract Vol.: 10.00(mL)
Dilution Factor: 1
Injection Volume: 10(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 286192
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	ND		1.8	0.86
335-67-1	Perfluorooctanoic acid	ND		5.4	2.4
375-95-1	Perfluorononanoic acid	ND		1.8	0.42
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.58
375-85-9	Perfluoroheptanoic acid	ND		2.7	1.2
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	98		70-130
STL00996	13C2 PFDA	101		70-130

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Lab Name: Eurofins TestAmerica, Sacramento Job No.: 320-48796-1

SDG No.:

Client Sample ID: C0AW2 Lab Sample ID: 320-48796-6

Matrix: Water Lab File ID: 2019.04.04_537AA_023.d

Analysis Method: 537 DW Date Collected: 03/27/2019 09:35

Extraction Method: 537 DW Date Extracted: 04/02/2019 17:08

Sample wt/vol: 283.9(mL) Date Analyzed: 04/04/2019 22:01

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 10(uL) GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 286192 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	ND		1.8	0.84
335-67-1	Perfluorooctanoic acid	ND		5.3	2.4
375-95-1	Perfluorononanoic acid	ND		1.8	0.41
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.56
375-85-9	Perfluoroheptanoic acid	ND		2.6	1.1
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	94		70-130
STL00996	13C2 PFDA	103		70-130

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Lab Name: Eurofins TestAmerica, Sacramento
Job No.: 320-48796-1
SDG No.:
Client Sample ID: C0AW9
Lab Sample ID: 320-48796-7
Matrix: Water
Lab File ID: 2019.04.04_537AA_026.d
Analysis Method: 537 DW
Date Collected: 03/27/2019 11:20
Extraction Method: 537 DW
Date Extracted: 04/02/2019 17:08
Sample wt/vol: 277.8(mL)
Date Analyzed: 04/04/2019 22:29
Con. Extract Vol.: 10.00(mL)
Dilution Factor: 1
Injection Volume: 10(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 286190
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	ND		1.8	0.85
335-67-1	Perfluorooctanoic acid	ND		5.4	2.4
375-95-1	Perfluorononanoic acid	ND		1.8	0.42
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.58
375-85-9	Perfluoroheptanoic acid	ND		2.7	1.2
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	98		70-130
STL00996	13C2 PFDA	101		70-130

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Lab Name: Eurofins TestAmerica, Sacramento
Job No.: 320-48796-1
SDG No.:
Client Sample ID: C0AX0
Lab Sample ID: 320-48796-8
Matrix: Water
Lab File ID: 2019.04.04_537AA_027.d
Analysis Method: 537 DW
Date Collected: 03/27/2019 11:15
Extraction Method: 537 DW
Date Extracted: 04/02/2019 17:08
Sample wt/vol: 278.2(mL)
Date Analyzed: 04/04/2019 22:39
Con. Extract Vol.: 10.00(mL)
Dilution Factor: 1
Injection Volume: 10(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 286190
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	ND		1.8	0.85
335-67-1	Perfluorooctanoic acid	ND		5.4	2.4
375-95-1	Perfluorononanoic acid	ND		1.8	0.42
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.58
375-85-9	Perfluoroheptanoic acid	ND		2.7	1.2
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	102		70-130
STL00996	13C2 PFDA	105		70-130

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Lab Name: Eurofins TestAmerica, Sacramento
Job No.: 320-48796-1
SDG No.:
Client Sample ID: C0AX7
Lab Sample ID: 320-48796-9
Matrix: Water
Lab File ID: 2019.04.04_537AA_028.d
Analysis Method: 537 DW
Date Collected: 03/27/2019 16:58
Extraction Method: 537 DW
Date Extracted: 04/02/2019 17:08
Sample wt/vol: 275.4(mL)
Date Analyzed: 04/04/2019 22:48
Con. Extract Vol.: 10.00(mL)
Dilution Factor: 1
Injection Volume: 10(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 286190
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	ND		1.8	0.86
335-67-1	Perfluorooctanoic acid	ND		5.4	2.5
375-95-1	Perfluorononanoic acid	ND		1.8	0.43
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.58
375-85-9	Perfluoroheptanoic acid	ND		2.7	1.2
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.73

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	100		70-130
STL00996	13C2 PFDA	103		70-130

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Lab Name: Eurofins TestAmerica, Sacramento
Job No.: 320-48796-1
SDG No.:
Client Sample ID: C0AX8
Lab Sample ID: 320-48796-10
Matrix: Water
Lab File ID: 2019.04.04_537AA_029.d
Analysis Method: 537 DW
Date Collected: 03/27/2019 12:45
Extraction Method: 537 DW
Date Extracted: 04/02/2019 17:08
Sample wt/vol: 278.4(mL)
Date Analyzed: 04/04/2019 22:58
Con. Extract Vol.: 10.00(mL)
Dilution Factor: 1
Injection Volume: 10(uL)
GC Column: GeminiC18 3x100 ID: 3(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 286190
Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	ND		1.8	0.85
335-67-1	Perfluorooctanoic acid	ND		5.4	2.4
375-95-1	Perfluorononanoic acid	ND		1.8	0.42
355-46-4	Perfluorohexanesulfonic acid	ND		1.8	0.57
375-85-9	Perfluoroheptanoic acid	ND		2.7	1.2
375-73-5	Perfluorobutanesulfonic acid	ND		1.8	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	99		70-130
STL00996	13C2 PFDA	106		70-130

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Lab Name: Eurofins TestAmerica, Sacramento Job No.: 320-48796-1

SDG No.:

Client Sample ID: C0AY0 Lab Sample ID: 320-48796-11

Matrix: Water Lab File ID: 2019.04.04_537AA_030.d

Analysis Method: 537 DW Date Collected: 03/27/2019 11:15

Extraction Method: 537 DW Date Extracted: 04/02/2019 17:08

Sample wt/vol: 276(mL) Date Analyzed: 04/04/2019 23:07

Con. Extract Vol.: 10.00(mL) Dilution Factor: 1

Injection Volume: 10(uL) GC Column: GeminiC18 3x100 ID: 3(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 286190 Units: ng/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1763-23-1	Perfluorooctanesulfonic acid	47		1.8	0.86
335-67-1	Perfluorooctanoic acid	63		5.4	2.4
375-95-1	Perfluorononanoic acid	8.1		1.8	0.43
355-46-4	Perfluorohexanesulfonic acid	3.5		1.8	0.58
375-85-9	Perfluoroheptanoic acid	23		2.7	1.2
375-73-5	Perfluorobutanesulfonic acid	51		1.8	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
STL00993	13C2 PFHxA	88		70-130
STL00996	13C2 PFDA	107		70-130