

**ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA 537 Rev 1.1 Safe Drinking Water Analysis**

**Customer: Environmental Chemists NLS Project: 282218**

**Project Description: PFCs with GenX**

**Project Title: 17-22157 & 17-22158**

**Template: 537PPTGENX Printed: 07/11/2017 13:04**

Sample: 1001475 17-22157 Collected: 06/29/17 Analyzed: 07/07/17 - Analytes: 13

ANALYTE NAME	RESULT	UNITS WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt	1	6.6	21		
perfluorohexanoic acid (PFHxA)	11.6	ppt	1	1.3	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	36.8	ppt	1	0.73	2.3		
perfluoroheptanoic acid (PFHpA)	10.7	ppt	1	0.80	2.6		
perfluorohexanesulfonic acid (PFHxS)	[4.68]	ppt	1	2.8	8.8		J
perfluorooctanoic acid (PFOA)	9.99	ppt	1	1.2	3.9		
perfluorononanoic acid (PFNA)	[2.22]	ppt	1	1.5	4.9		J
perfluorooctanesulfonic acid (PFOS)	14.3	ppt	1	1.7	5.3		
perfluorodecanoic acid (PFDA)	[1.56]	ppt	1	0.90	2.7		J
perfluoroundecanoic acid (PFUnA)	ND	ppt	1	1.0	3.0		
perfluorododecanoic acid (PFDoA)	ND	ppt	1	1.9	6.1		
perfluorotridecanoic acid (PFTrDA)	ND	ppt	1	3.2	10		
perfluorotetradecanoic acid (PFTA)	ND	ppt	1	2.8	8.9		
C13-PFHxA (SURR)	72.072%						S
C13-PFDA (SURR)	87.595%						S

**NOTES APPLICABLE TO THIS ANALYSIS:**

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

Sample: 1001477 17-22158 Collected: 06/29/17 Analyzed: 07/05/17 - Analytes: 13

ANALYTE NAME	RESULT	UNITS WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt	1	6.6	21		
perfluorohexanoic acid (PFHxA)	8.91	ppt	1	1.3	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	32.8	ppt	1	0.73	2.3		
perfluoroheptanoic acid (PFHpA)	5.74	ppt	1	0.80	2.6		
perfluorohexanesulfonic acid (PFHxS)	ND	ppt	1	2.8	8.8		
perfluorooctanoic acid (PFOA)	4.88	ppt	1	1.2	3.9		
perfluorononanoic acid (PFNA)	ND	ppt	1	1.5	4.9		
perfluorooctanesulfonic acid (PFOS)	[5.22]	ppt	1	1.7	5.3		J
perfluorodecanoic acid (PFDA)	ND	ppt	1	0.90	2.7		
perfluoroundecanoic acid (PFUnA)	ND	ppt	1	1.0	3.0		
perfluorododecanoic acid (PFDoA)	ND	ppt	1	1.9	6.1		
perfluorotridecanoic acid (PFTrDA)	ND	ppt	1	3.2	10		
perfluorotetradecanoic acid (PFTA)	ND	ppt	1	2.8	8.9		
C13-PFHxA (SURR)	79.032%						S
C13-PFDA (SURR)	87.733%						S

**NOTES APPLICABLE TO THIS ANALYSIS:**

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

The PFOA branch isotope peak is included in the PFOA calculation per EPA directive.

**ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA 537 Rev 1.1 Safe Drinking Water Analysis****Customer: Environmental Chemists      NLS Project: 282218****Project Description: PFCs with GenX****Project Title: 17-22157 & 17-22158****Template: 537PPTGENX    Printed: 07/11/2017 13:04**

Sample: 1001478   17-22158 FB   Collected: 06/29/17   Analyzed: 07/07/17 - Analytes: 13

ANALYTE NAME	RESULT	UNITS	WWB	DIL	LOD	LOQ	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt		1	6.6	21	
perfluorohexanoic acid (PFHxA)	ND	ppt		1	1.3	4.0	
perfluoro-2-propoxypropanoic acid (GenX)	ND	ppt		1	0.73	2.3	
perfluoroheptanoic acid (PFHpA)	ND	ppt		1	0.80	2.6	
perfluorohexanesulfonic acid (PFHxS)	ND	ppt		1	2.8	8.8	
perfluorooctanoic acid (PFOA)	ND	ppt		1	1.2	3.9	
perfluorononanoic acid (PFNA)	ND	ppt		1	1.5	4.9	
perfluorooctanesulfonic acid (PFOS)	ND	ppt		1	1.7	5.3	
perfluorodecanoic acid (PFDA)	ND	ppt		1	0.90	2.7	
perfluoroundecanoic acid (PFUnA)	ND	ppt		1	1.0	3.0	
perfluorododecanoic acid (PFDoA)	ND	ppt		1	1.9	6.1	
perfluorotridecanoic acid (PFTrDA)	ND	ppt		1	3.2	10	
perfluorotetradecanoic acid (PFTA)	ND	ppt		1	2.8	8.9	
C13-PFHxA (SURR)	101.218%						S
C13-PFDA (SURR)	116.432%						S

**NOTES APPLICABLE TO THIS ANALYSIS:**

S = This compound is a surrogate used to evaluate the quality control of a method.