

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

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Customer: Environmental Chemists NLS Project: 292916

Project Description: EPA 537 Gen X

Project Title: Template: 537PPTGENX Printed: 01/15/2018 09:29

Sample: 1036251 49086 Collected: 12/28/17 Analyzed: 01/11/18 - Analytes: 13

ANALYTE NAME	RESULT	UNITS WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt	1	6.6	21		
perfluorohexanoic acid (PFHxA)	25.7	ppt	1	1.3	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	29.7	ppt	1	0.73	2.3		
perfluoroheptanoic acid (PFHpA)	29.6	ppt	1	0.80	2.6		
perfluorohexanesulfonic acid (PFHxS)	[5.27]	ppt	1	2.8	8.8		J
perfluorooctanoic acid (PFOA)	9.86	ppt	1	1.2	3.9		
perfluorononanoic acid (PFNA)	[2.22]	ppt	1	1.5	4.9		J
perfluorooctanesulfonic acid (PFOS)	9.34	ppt	1	1.7	5.3		
perfluorodecanoic acid (PFDA)	[1.78]	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)	73.245%						S
C13-PFDA (SURR)	75.249%						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: 1036252 49087 Collected: 12/28/17 Analyzed: 01/11/18 - Analytes: 13

ANALYTE NAME	RESULT	UNITS WWB	DIL	LOD	LOQ	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt	1	6.6	21		
perfluorohexanoic acid (PFHxA)	19	ppt	1	1.3	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	23.7	ppt	1	0.73	2.3		
perfluoroheptanoic acid (PFHpA)	14.9	ppt	1	0.80	2.6		
perfluorohexanesulfonic acid (PFHxS)	ND	ppt	1	2.8	8.8		
perfluorooctanoic acid (PFOA)	[3.82]	ppt	1	1.2	3.9		J
perfluorononanoic acid (PFNA)	ND	ppt	1	1.5	4.9		
perfluorooctanesulfonic acid (PFOS)	[1.91]	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)	72.254%						S
C13-PFDA (SURR)	74.41%						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.

