

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA Method 537.1 Safe Drinking Water Analysis

Customer: Mosinee Water Utility NLS Project: 388689

Project Description: PFAS Blend

Project Title: Template: SCIEX5500A537.1 Printed: 08/11/2022 11:01

Sample: 1325007 1-4 Collected: 07/20/22 Analyzed: 08/09/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Perfluorohexanoic acid (PFHxA)	ND	ng/L	1	0.72	2.4		
Perfluoroheptanoic acid (PFHpA)	ND	ng/L	1	0.61	2.0		
Perfluorooctanoic acid (PFOA)	6.44	ng/L	1	0.51	1.7		
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.27	0.91		
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.30	0.99		
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.34	1.1		
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.14	0.48		
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	1	0.21	0.72		
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.36	1.2		
Perfluorobutanesulfonic acid (PFBS)	1.32	ng/L	1	0.35	1.2		
Perfluorohexanesulfonic acid (PFHxS)	[0.58]	ng/L	1	0.19	0.62		J
Perfluorooctanesulfonic acid (PFOS)	16.9	ng/L	1	0.25	0.82		
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	0.29	0.98		
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.45	1.5		
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.42	1.4		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.24	0.81		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.27	0.91		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.21	0.69		
C13-PFHxA (SURR)	102%		1				S
C13-HFPODA (SURR)	99.1%		1				S
C13-PFDA (SURR)	96%		1				S
d5-NEtFOSAA (SURR)	100%		1				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.

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Sample: 1325008 Field Blank Collected: 07/20/22 Analyzed: 08/09/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	ND	ng/L	1	0.72	2.4	
Perfluoroheptanoic acid (PFHpA)	ND	ng/L	1	0.61	2.0	
Perfluorooctanoic acid (PFOA)	ND	ng/L	1	0.51	1.7	
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.27	0.91	
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.30	0.99	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.34	1.1	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.14	0.48	
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	1	0.21	0.72	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.36	1.2	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	1	0.35	1.2	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	1	0.19	0.62	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	1	0.25	0.82	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	0.29	0.98	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.45	1.5	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.42	1.4	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.24	0.81	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.27	0.91	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.21	0.69	
C13-PFHxA (SURR)	97.7%		1			S
C13-HFPODA (SURR)	93.4%		1			S
C13-PFDA (SURR)	94.8%		1			S
d5-NEtFOSAA (SURR)	104%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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