ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA Method 537.1 Safe Drinking Water Analysis
Customer: Wisconsin Department of Natural Resources NLS Project: 396938 PO # 37000-0000022345
Project Description: PFAS Private Wells - Starks
Project Title: Template: 537.1 Printed: 12/20/2022 16:01

Sample: 1351630 SZ653 Collected: 12/02/22 Analyzed: 12/07/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	8230	ng/L	500	240	790	
Perfluoroheptanoic acid (PFHpA)	12700	ng/L	500	220	740	
Perfluorooctanoic acid (PFOA)	45300	ng/L	1250	610	2000	
Perfluorononanoic acid (PFNA)	1210	ng/L	500	150	490	
Perfluorodecanoic acid (PFDA)	ND	ng/L	500	140	480	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	500	130	430	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	500	100	330	
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	500	190	630	CC
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	500	160	520	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	500	150	500	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	500	170	570	
Perfluorooctanesulfonic acid (PFOS)	[220]	ng/L	500	150	510	J
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	500	180	620	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	500	270	900	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	500	200	680	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	500	99	330	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	500	170	550	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CL-PF3OUdS)	ND	ng/L	500	140	460	
C13-PFHxA (SURR)	102%		500			S
C13-HFPODA (SURR)	96.1%		500			S
C13-PFDA (SURR)	95.8%		500			S
d5-NEtFOSAA (SURR)	89.9%		500			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.
IV = Initial extract is 10 mL.
CC = Continuing calibration verification standard recovery was outside QC limits.
Perfluorotridecanoic acid (PFTriA) recovery 138%

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA Method 537.1 Safe Drinking Water Analysis
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Sample: 1351631 SZ653 FB Collected: 12/02/22 Analyzed: 12/06/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	ND	ng/L	1	0.47	1.6	
Perfluoroheptanoic acid (PFHpA)	ND	ng/L	1	0.44	1.5	
Perfluorooctanoic acid (PFOA)	ND	ng/L	1	0.49	1.6	
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.30	0.98	
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.29	0.96	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.26	0.85	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.20	0.67	
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	1	0.38	1.3	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.31	1.0	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	1	0.30	1.0	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	1	0.34	1.1	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	1	0.31	1.0	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	0.37	1.2	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.54	1.8	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.41	1.4	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.20	0.66	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.33	1.1	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CL-PF3OUdS)	ND	ng/L	1	0.28	0.92	
C13-PFHxA (SURR)	103%		1			S
C13-HFPODA (SURR)	98.1%		1			S
C13-PFDA (SURR)	102%		1			S
d5-NEtFOSAA (SURR)	99.5%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.