

Sample: 1350249 US200 Collected: 11/21/22 Analyzed: 11/29/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	50.6	ng/L	1	0.47	1.6	MSH
Perfluoroheptanoic acid (PFHpA)	13	ng/L	1	0.44	1.5	
Perfluorooctanoic acid (PFOA)	1.74	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	CC
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)	93.6%		1			S
C13-HFPODA (SURR)	90.8%		1			S
C13-PFDA (SURR)	82.9%		1			S
d5-NEtFOSAA (SURR)	80.3%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
 CC = Continuing calibration verification standard recovery was outside QC limits.
 Perfluorotridecanoic acid (PFTrIA) recovery 140%
 MSH = Matrix spike recovered above QC limits.

Sample: 1350250 US200 FB Collected: 11/21/22 Analyzed: 11/29/22 - 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	CC
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)	101%		1			S
C13-HFPODA (SURR)	100%		1			S
C13-PFDA (SURR)	96.5%		1			S
d5-NEtFOSAA (SURR)	92.8%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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 CC = Continuing calibration verification standard recovery was outside QC limits.
 Perfluorotridecanoic acid (PFTrIA) recovery 140%

Sample: 1350251 FC144 Collected: 11/21/22 Analyzed: 11/29/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	880	ng/L	200	95	320	
Perfluoroheptanoic acid (PFHpA)	1300	ng/L	200	89	300	
Perfluorooctanoic acid (PFOA)	6610	ng/L	200	98	330	
Perfluorononanoic acid (PFNA)	ND	ng/L	200	59	200	
Perfluorodecanoic acid (PFDA)	ND	ng/L	200	57	190	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	200	51	170	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	200	40	130	
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	200	76	250	CC
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	200	63	210	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	200	60	200	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	200	68	230	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	200	62	210	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	200	74	250	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	200	110	360	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	200	81	270	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	200	40	130	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	200	66	220	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	200	55	180	
C13-PFHxA (SURR)	81.8%		200			S
C13-HFPODA (SURR)	79%		200			S
C13-PFDA (SURR)	74.8%		200			S
d5-NEtFOSAA (SURR)	78.3%		200			S

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 Perfluorotridecanoic acid (PFTrIA) recovery 140%

Sample: 1350252 FC144 FB Collected: 11/21/22 Analyzed: 11/29/22 - 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	
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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	CC
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C13-PFHxA (SURR)	101%		1			S
C13-HFPODA (SURR)	98.9%		1			S
C13-PFDA (SURR)	98.3%		1			S
d5-NEtFOSAA (SURR)	91.9%		1			S

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