

Sample: 1343152 UX653 Collected: 10/10/22 Analyzed: 10/21/22 - 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	0.35	1.2	
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)	88.6%		1			S
C13-HFPODA (SURR)	88%		1			S
C13-PFDA (SURR)	81.4%		1			S
d5-NEtFOSAA (SURR)	88.4%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

Sample: 1343154 ZD547 Collected: 10/10/22 Analyzed: 10/21/22 - 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	0.35	1.2	
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)	86.3%		1			S
C13-HFPODA (SURR)	91.2%		1			S
C13-PFDA (SURR)	87%		1			S
d5-NEtFOSAA (SURR)	81.1%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

Sample: 1343156 DK650 Collected: 10/10/22 Analyzed: 10/13/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	569	ng/L	250	120	400	
Perfluoroheptanoic acid (PFHpA)	750	ng/L	250	110	370	
Perfluorooctanoic acid (PFOA)	2530	ng/L	250	88	290	
Perfluorononanoic acid (PFNA)	[97.6]	ng/L	250	74	250	J
Perfluorodecanoic acid (PFDA)	ND	ng/L	250	72	240	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	250	64	210	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	250	50	170	
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	250	95	320	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	250	78	260	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	250	75	250	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	250	85	280	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	250	77	260	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	250	92	310	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	250	130	450	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	250	100	340	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	250	50	170	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	250	83	280	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	250	69	230	
C13-PFHxA (SURR)	91.6%		250			S
C13-HFPODA (SURR)	89.9%		250			S
C13-PFDA (SURR)	82.8%		250			S
d5-NEtFOSAA (SURR)	85.5%		250			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 1 mL.

Sample: 1343157 DK650 FB Collected: 10/10/22 Analyzed: 10/24/22 - 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	0.35	1.2	
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)	96.1%		1			S
C13-HFPODA (SURR)	83.9%		1			S
C13-PFDA (SURR)	92.2%		1			S
d5-NEtFOSAA (SURR)	90.6%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

Sample: 1343158 VC492 Collected: 10/11/22 Analyzed: 10/21/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	34.4	ng/L	1	0.47	1.6	
Perfluoroheptanoic acid (PFHpA)	32.1	ng/L	1	0.44	1.5	
Perfluorooctanoic acid (PFOA)	8.07	ng/L	1	0.35	1.2	
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)	[0.37]	ng/L	1	0.31	1.0	J
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)	90.6%		1			S
C13-HFPODA (SURR)	94.8%		1			S
C13-PFDA (SURR)	88.8%		1			S
d5-NEtFOSAA (SURR)	82.9%		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.

Sample: 1343159 VC492 Dup Collected: 10/11/22 Analyzed: 10/24/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	43.3	ng/L	1	0.47	1.6	
Perfluoroheptanoic acid (PFHpA)	40.7	ng/L	1	0.44	1.5	
Perfluorooctanoic acid (PFOA)	9.54	ng/L	1	0.35	1.2	BD
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)	[0.41]	ng/L	1	0.31	1.0	J
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)	90.7%		1			S
C13-PFDA (SURR)	96.5%		1			S
d5-NEtFOSAA (SURR)	92.3%		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.

BD = Compound was detected in the laboratory method blank.

Perfluorooctanoic acid (PFOA) detected at .38 ng/L.

The sample pH was outside of method limits due to collection error.

Sample: 1343160 GP608 Collected: 10/11/22 Analyzed: 10/24/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	116	ng/L	2.5	1.2	4.0	
Perfluoroheptanoic acid (PFHpA)	87.8	ng/L	2.5	1.1	3.7	
Perfluorooctanoic acid (PFOA)	18.1	ng/L	2.5	0.88	2.9	
Perfluorononanoic acid (PFNA)	ND	ng/L	2.5	0.74	2.5	
Perfluorodecanoic acid (PFDA)	ND	ng/L	2.5	0.72	2.4	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	2.5	0.64	2.1	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	2.5	0.50	1.7	
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	2.5	0.95	3.2	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	2.5	0.78	2.6	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	2.5	0.75	2.5	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	2.5	0.85	2.8	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	2.5	0.77	2.6	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	2.5	0.92	3.1	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	2.5	1.3	4.5	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	2.5	1.0	3.4	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	2.5	0.50	1.7	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	2.5	0.83	2.8	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	2.5	0.69	2.3	
C13-PFHxA (SURR)	91.3%		2.5			S
C13-HFPODA (SURR)	75.8%		2.5			S
C13-PFDA (SURR)	72.7%		2.5			S
d5-NEtFOSAA (SURR)	70%		2.5			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

IV = Initial extract is 100 mL.

Sample: 1343161 GP608 FB Collected: 10/11/22 Analyzed: 10/24/22 - 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	0.35	1.2	
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)	91.5%		1			S
C13-HFPODA (SURR)	85.9%		1			S
C13-PFDA (SURR)	93.8%		1			S
d5-NEtFOSAA (SURR)	92.1%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

Sample: 1343162 DJ875 Collected: 10/11/22 Analyzed: 10/21/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	150	ng/L	2.5	1.2	4.0	
Perfluoroheptanoic acid (PFHpA)	124	ng/L	2.5	1.1	3.7	
Perfluorooctanoic acid (PFOA)	25	ng/L	2.5	0.88	2.9	
Perfluorononanoic acid (PFNA)	ND	ng/L	2.5	0.74	2.5	
Perfluorodecanoic acid (PFDA)	ND	ng/L	2.5	0.72	2.4	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	2.5	0.64	2.1	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	2.5	0.50	1.7	
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	2.5	0.95	3.2	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	2.5	0.78	2.6	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	2.5	0.75	2.5	
Perfluorohexanesulfonic acid (PFHxS)	[1.07]	ng/L	2.5	0.85	2.8	J
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	2.5	0.77	2.6	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	2.5	0.92	3.1	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	2.5	1.3	4.5	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	2.5	1.0	3.4	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	2.5	0.50	1.7	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	2.5	0.83	2.8	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	2.5	0.69	2.3	
C13-PFHxA (SURR)	89.3%		2.5			S
C13-HFPODA (SURR)	90.5%		2.5			S
C13-PFDA (SURR)	83.1%		2.5			S
d5-NEtFOSAA (SURR)	84.2%		2.5			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 100 mL.

Sample: 1343163 DJ875 FB Collected: 10/11/22 Analyzed: 10/24/22 - 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	0.35	1.2	
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)	95.6%		1			S
C13-HFPODA (SURR)	84.9%		1			S
C13-PFDA (SURR)	96.5%		1			S
d5-NEtFOSAA (SURR)	93.7%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

Sample: 1343164 JD844 Collected: 10/11/22 Analyzed: 10/19/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	339	ng/L	50	24	79	
Perfluoroheptanoic acid (PFHpA)	519	ng/L	50	22	74	
Perfluorooctanoic acid (PFOA)	1490	ng/L	50	18	59	
Perfluorononanoic acid (PFNA)	[19]	ng/L	50	15	49	J
Perfluorodecanoic acid (PFDA)	ND	ng/L	50	14	48	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	50	13	43	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	50	10	33	
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	50	19	63	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	50	16	52	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	50	15	50	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	50	17	57	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	50	15	51	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	50	18	62	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	50	27	90	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	50	20	68	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	50	9.9	33	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	50	17	55	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	50	14	46	
C13-PFHxA (SURR)	85.6%		50			S
C13-HFPODA (SURR)	90.7%		50			S
C13-PFDA (SURR)	82.1%		50			S
d5-NEtFOSAA (SURR)	85.1%		50			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 5 mL.

Sample: 1343165 JD844 FB Collected: 10/11/22 Analyzed: 10/24/22 - 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	0.35	1.2	
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)	92.6%		1			S
C13-HFPODA (SURR)	87.6%		1			S
C13-PFDA (SURR)	92.7%		1			S
d5-NEtFOSAA (SURR)	86.3%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

Sample: 1343166 JD845 Collected: 10/11/22 Analyzed: 10/19/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	595	ng/L	50	24	79	
Perfluoroheptanoic acid (PFHpA)	797	ng/L	50	22	74	
Perfluorooctanoic acid (PFOA)	3940	ng/L	100	35	120	
Perfluorononanoic acid (PFNA)	142	ng/L	50	15	49	
Perfluorodecanoic acid (PFDA)	ND	ng/L	50	14	48	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	50	13	43	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	50	10	33	
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	50	19	63	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	50	16	52	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	50	15	50	
Perfluorohexanesulfonic acid (PFHxS)	[25.8]	ng/L	50	17	57	J
Perfluorooctanesulfonic acid (PFOS)	548	ng/L	50	15	51	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	50	18	62	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	50	27	90	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	50	20	68	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	50	9.9	33	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	50	17	55	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	50	14	46	
C13-PFHxA (SURR)	88.6%		50			S
C13-HFPODA (SURR)	89.4%		50			S
C13-PFDA (SURR)	87.9%		50			S
d5-NEtFOSAA (SURR)	93.8%		50			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 5 mL.

Sample: 1343167 JD845 FB Collected: 10/11/22 Analyzed: 10/24/22 - 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	0.35	1.2	
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)	94.8%		1			S
C13-HFPODA (SURR)	85.4%		1			S
C13-PFDA (SURR)	96.6%		1			S
d5-NEtFOSAA (SURR)	96.5%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

Sample: 1346897 VC492 FB Collected: 10/11/22 Analyzed: 11/01/22 - 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	0.35	1.2	
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)	81.2%		1			S
C13-HFPODA (SURR)	85.7%		1			S
C13-PFDA (SURR)	90%		1			S
d5-NEtFOSAA (SURR)	87.7%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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