

Sample: 1344830 BL098 Collected: 10/19/22 Analyzed: 10/21/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	553	ng/L	50	24	79	
Perfluoroheptanoic acid (PFHpA)	698	ng/L	50	22	74	
Perfluorooctanoic acid (PFOA)	4000	ng/L	50	18	59	
Perfluorononanoic acid (PFNA)	185	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)	[27.7]	ng/L	50	17	57	J
Perfluorooctanesulfonic acid (PFOS)	865	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)	92.4%		50			S
C13-HFPODA (SURR)	83.3%		50			S
C13-PFDA (SURR)	90.7%		50			S
d5-NEtFOSAA (SURR)	79.6%		50			S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = Surrogate (SURR): A non-target analyte that has similar chemical properties to the analytes of interest. The surrogate is added to the sample in a known amount and is used to evaluate method performance of the sample.

IV = Initial extract is 5 mL.

Sample: 1344831 BL098 FB Collected: 10/19/22 Analyzed: 10/25/22 - 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)	95.9%		1			S
C13-HFPODA (SURR)	88.3%		1			S
C13-PFDA (SURR)	89.6%		1			S
d5-NEtFOSAA (SURR)	82.5%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = Surrogate (SURR): A non-target analyte that has similar chemical properties to the analytes of interest. The surrogate is added to the sample in a known amount and is used to evaluate method performance of the sample.

Sample: 1344832 8BZ787 Collected: 10/19/22 Analyzed: 10/21/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	207	ng/L	25	12	40	
Perfluoroheptanoic acid (PFHpA)	387	ng/L	25	11	37	
Perfluorooctanoic acid (PFOA)	1660	ng/L	25	8.8	29	
Perfluorononanoic acid (PFNA)	9.57	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)	2.16	ng/L	1	0.30	1.0	
Perfluorohexanesulfonic acid (PFHxS)	21.6	ng/L	1	0.34	1.1	
Perfluorooctanesulfonic acid (PFOS)	142	ng/L	25	7.7	26	
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)	104%		1			S
C13-HFPODA (SURR)	106%		1			S
C13-PFDA (SURR)	110%		1			S
d5-NEtFOSAA (SURR)	81%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = Surrogate (SURR): A non-target analyte that has similar chemical properties to the analytes of interest. The surrogate is added to the sample in a known amount and is used to evaluate method performance of the sample.

Sample: 1344833 8BZ787 FB Collected: 10/19/22 Analyzed: 10/25/22 - 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)	91.2%		1			S
C13-HFPODA (SURR)	88.9%		1			S
C13-PFDA (SURR)	89.1%		1			S
d5-NEtFOSAA (SURR)	85.5%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = Surrogate (SURR): A non-target analyte that has similar chemical properties to the analytes of interest. The surrogate is added to the sample in a known amount and is used to evaluate method performance of the sample.