

Analytical Data

Client: Alabama Dept. Environmental Management

Job Number: 280-84425-1

Client Sample ID: **CENTRE-RAW**

Lab Sample ID: 280-84425-3

Date Sampled: 06/13/2016 1135

Client Matrix: Water

Date Received: 06/14/2016 0725

DV-LC-0012 Perfluorinated Hydrocarbons

Analysis Method: DV-LC-0012	Analysis Batch: 280-331377	Instrument ID: LC_LCMS5
Prep Method: 3535	Prep Batch: 280-330460	Lab File ID: PC516F24068.d
Dilution: 1.0		Initial Weight/Volume: 280 mL
Analysis Date: 06/24/2016 2301		Final Weight/Volume: 5 mL
Prep Date: 06/20/2016 1145		Injection Volume: 25 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.054		0.0074	0.018
Perfluorobutanoic acid (PFBA)	0.013	J	0.0088	0.018
Perfluorodecane sulfonate (PFDS)	0.0082	U	0.0082	0.018
Perfluorodecanoic acid (PFDA)	0.0070	U	0.0070	0.018
Perfluorododecanoic acid (PFDoA)	0.013	U	0.013	0.027
Perfluoroheptanoic acid (PFHpA)	0.012	J	0.012	0.027
Perfluorohexane Sulfonate (PFHxS)	0.0062	U	0.0062	0.027
Perfluorohexanoic acid (PFHxA)	0.032		0.0026	0.018
Perfluorononanoic acid (PFNA)	0.016	U	0.016	0.036
Perfluorooctanoic acid (PFOA)	0.022		0.0087	0.018
Perfluorooctane Sulfonate (PFOS)	0.021	J	0.012	0.027
Perfluoropentanoic acid (PFPA)	0.040		0.0097	0.027
Perfluorotetradecanoic acid (PFTeA)	0.013	U	0.013	0.027
Perfluorotridecanoic Acid (PFTriA)	0.016	U	0.016	0.036
Perfluoroundecanoic acid (PFUnA)	0.0062	U	0.0062	0.018
Surrogate	%Rec	Qualifier	Acceptance Limits	
13C8 PFOA	102		60 - 155	
13C8 PFOS	95		45 - 130	

Analytical Data

Client: Alabama Dept. Environmental Management

Job Number: 280-84425-1

Client Sample ID: **CENTRE-FINISHED**

Lab Sample ID: 280-84425-4

Date Sampled: 06/13/2016 1133

Client Matrix: Water

Date Received: 06/14/2016 0725

DV-LC-0012 Perfluorinated Hydrocarbons

Analysis Method: DV-LC-0012	Analysis Batch: 280-331377	Instrument ID: LC_LCMS5
Prep Method: 3535	Prep Batch: 280-330460	Lab File ID: PC516F24070.d
Dilution: 1.0		Initial Weight/Volume: 285 mL
Analysis Date: 06/24/2016 2326		Final Weight/Volume: 5 mL
Prep Date: 06/20/2016 1145		Injection Volume: 25 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.058		0.0072	0.018
Perfluorobutanoic acid (PFBA)	0.015	J	0.0086	0.018
Perfluorodecane sulfonate (PFDS)	0.0080	U	0.0080	0.018
Perfluorodecanoic acid (PFDA)	0.0069	U	0.0069	0.018
Perfluorododecanoic acid (PFDoA)	0.013	U	0.013	0.026
Perfluoroheptanoic acid (PFHpA)	0.013	J	0.012	0.026
Perfluorohexane Sulfonate (PFHxS)	0.0061	U	0.0061	0.026
Perfluorohexanoic acid (PFHxA)	0.040		0.0026	0.018
Perfluorononanoic acid (PFNA)	0.015	U	0.015	0.035
Perfluorooctanoic acid (PFOA)	0.023		0.0086	0.018
Perfluorooctane Sulfonate (PFOS)	0.040		0.012	0.026
Perfluoropentanoic acid (PFPA)	0.053		0.0096	0.026
Perfluorotetradecanoic acid (PFTeA)	0.013	U	0.013	0.026
Perfluorotridecanoic Acid (PFTriA)	0.016	U	0.016	0.035
Perfluoroundecanoic acid (PFUnA)	0.0060	U	0.0060	0.018
Surrogate	%Rec	Qualifier	Acceptance Limits	
13C8 PFOA	99		60 - 155	
13C8 PFOS	104		45 - 130	