

Analytical Data

Client: Alabama Dept. Environmental Management

Job Number: 280-83604-1

Client Sample ID: **CENTRE WTP-RAW**

Lab Sample ID: 280-83604-1

Date Sampled: 05/23/2016 1320

Client Matrix: Water

Date Received: 05/24/2016 0655

DV-LC-0012 Perfluorinated Hydrocarbons

Analysis Method: DV-LC-0012	Analysis Batch: 280-328741	Instrument ID: LC_LCMS5
Prep Method: 3535	Prep Batch: 280-327703	Lab File ID: PC516F06033.d
Dilution: 1.0		Initial Weight/Volume: 282.1 mL
Analysis Date: 06/06/2016 1957		Final Weight/Volume: 5 mL
Prep Date: 05/31/2016 1150		Injection Volume: 25 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.064		0.0073	0.018
Perfluorobutanoic acid (PFBA)	0.015	J	0.0087	0.018
Perfluorodecane sulfonate (PFDS)	0.0081	U	0.0081	0.018
Perfluorodecanoic acid (PFDA)	0.0069	U	0.0069	0.018
Perfluorododecanoic acid (PFDoA)	0.013	U	0.013	0.027
Perfluoroheptanoic acid (PFHpA)	0.017	J	0.012	0.027
Perfluorohexane Sulfonate (PFHxS)	0.0062	U	0.0062	0.027
Perfluorohexanoic acid (PFHxA)	0.040		0.0026	0.018
Perfluorononanoic acid (PFNA)	0.015	U	0.015	0.035
Perfluorooctanoic acid (PFOA)	0.030		0.0087	0.018
Perfluorooctane Sulfonate (PFOS)	0.039		0.012	0.027
Perfluoropentanoic acid (PFPA)	0.057		0.0097	0.027
Perfluorotetradecanoic acid (PFTeA)	0.013	U	0.013	0.027
Perfluorotridecanoic Acid (PFTriA)	0.016	U	0.016	0.035
Perfluoroundecanoic acid (PFUnA)	0.0061	U	0.0061	0.018
Surrogate	%Rec	Qualifier	Acceptance Limits	
13C8 PFOA	103		60 - 155	
13C8 PFOS	100		45 - 130	

Analytical Data

Client: Alabama Dept. Environmental Management

Job Number: 280-83604-1

Client Sample ID: CENTRE WTP-FINISHED

Lab Sample ID: 280-83604-2

Date Sampled: 05/23/2016 1325

Client Matrix: Water

Date Received: 05/24/2016 0655

DV-LC-0012 Perfluorinated Hydrocarbons

Analysis Method: DV-LC-0012	Analysis Batch: 280-328741	Instrument ID: LC_LCMS5
Prep Method: 3535	Prep Batch: 280-327703	Lab File ID: PC516F06034.d
Dilution: 1.0		Initial Weight/Volume: 263.3 mL
Analysis Date: 06/06/2016 2009		Final Weight/Volume: 5 mL
Prep Date: 05/31/2016 1150		Injection Volume: 25 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Perfluorobutane Sulfonate (PFBS)	0.054		0.0078	0.019
Perfluorobutanoic acid (PFBA)	0.014	J	0.0093	0.019
Perfluorodecane sulfonate (PFDS)	0.0087	U	0.0087	0.019
Perfluorodecanoic acid (PFDA)	0.0074	U	0.0074	0.019
Perfluorododecanoic acid (PFDoA)	0.014	U	0.014	0.028
Perfluoroheptanoic acid (PFHpA)	0.027	J	0.013	0.028
Perfluorohexane Sulfonate (PFHxS)	0.0066	U	0.0066	0.028
Perfluorohexanoic acid (PFHxA)	0.038		0.0028	0.019
Perfluorononanoic acid (PFNA)	0.017	U	0.017	0.038
Perfluorooctanoic acid (PFOA)	0.028		0.0093	0.019
Perfluorooctane Sulfonate (PFOS)	0.040		0.013	0.028
Perfluoropentanoic acid (PFPA)	0.054		0.010	0.028
Perfluorotetradecanoic acid (PFTeA)	0.014	U	0.014	0.028
Perfluorotridecanoic Acid (PFTriA)	0.017	U	0.017	0.038
Perfluoroundecanoic acid (PFUnA)	0.0065	U	0.0065	0.019
Surrogate	%Rec	Qualifier	Acceptance Limits	
13C8 PFOA	104		60 - 155	
13C8 PFOS	104		45 - 130	