AASG - Denver Reference Data Summary

Structured Analysis Code: **A-13-KT-01-18**

Target Analyte List: All Analytes

Matrix: SOLID
Extraction: SONICATION - Low Level
Method: LC/MS/MS PFCs
QC Program: STANDARD TEST SET
Location: TestAmerica AASG - Denver

Analyte List			Detection Limits				Check List 50097							Spike List 50098						
Syn	Compound	RL	Units	MDL	Units	Run Date	T	A	Amt	Units	LCL	UCL	RPD	T	A	Amt	Units	LCL	UCL	RPD
6165	Perfluorooctane sulfonamide (FOSA)	5.0	ug/kg	1.236	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6164	Perfluorodecane sulfonate (PFDS)	2.0	ug/kg	0.291	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6152	Perfluorobutanoic acid (PFBA)	2.0	ug/kg	0.340	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6153	Perfluoropentanoic acid (PFPA)	2.0	ug/kg	0.882	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6154	Perfluorohexanoic acid (PFHxA)	2.0	ug/kg	0.201	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6155	Perfluoroheptanoic acid (PFHpA)	2.0	ug/kg	0.723	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6156	Perfluorononanoic acid (PFNA)	2.0	ug/kg	0.500	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6157	Perfluorodecanoic acid (PFDA)	2.0	ug/kg	0.755	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6158	Perfluoroundecanoic acid (PFUnA)	5.0	ug/kg	1.81	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6159	Perfluorododecanoic acid (PFDoA)	5.0	ug/kg	0.819	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6160	Perfluorotridecanoic acid (PFTriA)	5.0	ug/kg	1.15	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6161	Perfluorotetradecanoic acid (PFTeA)	5.0	ug/kg	1.45	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6162	Perfluorobutane sulfonate (PFBS)	2.0	ug/kg	0.836	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
6163	Perfluorohexane sulfonate (PFHxS)	2.0	ug/kg	0.773	ug/kg	20090304	C	Y	5.0	ug/kg	50	150	30	C	Y	5.0	ug/kg	50	150	30
5964	Perfluorooctanesulfonate	2.0	ug/kg	0.376	ug/kg	20090304	C	Y	5.0	ug/kg	70	130	20	C	Y	5.0	ug/kg	70	130	20
5357	Perfluorooctanoic Acid	5.0	ug/kg	1.015	ug/kg	20090304	C	Y	5.0	ug/kg	70	130	20	C	Y	5.0	ug/kg	70	130	20
6074	13C4 PFOA						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6075	13C4 PFOS						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6176	13C4 PFBA						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6177	13C2 PFHxA						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6178	18O2 PFHxS						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6179	13C5 PFNA						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6180	13C2 PFDA						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6181	13C2 PFUnA						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6182	13C2 PFDoA						X	Y	5	ug/kg	50	200	0	X	Y	5	ug/kg	50	200	0
6183	MeFOSA						X	Y	5.0	ug/kg	50	200	0	X	Y	5.0	ug/kg	50	200	0

AASG - Denver Reference Data Summary

Structured Analysis Code: I-B7-KT-01-18

Target Analyte List: All Analytes

Matrix: WATER
Extraction: SOLID PHASE EXTRACTION (NOMINAL)
Method: LC/MS/MS PFCs
QC Program: STANDARD TEST SET
Location: TestAmerica AASG - Denver

Analyte List		Detection Limits					Check List 50097							Spike List 50098						
Syn	Compound	RL	Units	MDL	Units	Run Date	T	A	Amt	Units	LCL	UCL	RPD	T	A	Amt	Units	LCL	UCL	RPD
6164	Perfluorodecane sulfonate (PFDS)	0.02	ug/L	0.00915	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6163	Perfluorohexane sulfonate (PFHxS)	0.03	ug/L	0.00697	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6152	Perfluorobutanoic acid (PFBA)	0.02	ug/L	0.00980	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6153	Perfluoropentanoic acid (PFPA)	0.03	ug/L	0.01094	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6154	Perfluorohexanoic acid (PFHxA)	0.02	ug/L	0.00291	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6155	Perfluoroheptanoic acid (PFHpA)	0.03	ug/L	0.01315	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6156	Perfluorononanoic acid (PFNA)	0.04	ug/L	0.01743	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6157	Perfluorodecanoic acid (PFDA)	0.02	ug/L	0.00782	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6158	Perfluoroundecanoic acid (PFUnA)	0.02	ug/L	0.00689	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6159	Perfluorododecanoic acid (PFDoA)	0.03	ug/L	0.01491	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6160	Perfluorotridecanoic acid (PFTriA)	0.04	ug/L	0.01772	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6161	Perfluorotetradecanoic acid (PFTeA)	0.03	ug/L	0.01456	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
6162	Perfluorobutane sulfonate (PFBS)	0.02	ug/L	0.00824	ug/L	20090816	C	Y	0.5	ug/L	50	150	30	C	Y	0.5	ug/L	50	150	30
5964	Perfluorooctanesulfonate	0.03	ug/L	0.01331	ug/L	20090816	C	Y	0.5	ug/L	60	128	20	C	Y	0.5	ug/L	60	128	20
5357	Perfluorooctanoic Acid	0.02	ug/L	0.00979	ug/L	20090816	C	Y	0.5	ug/L	70	130	20	C	Y	0.5	ug/L	70	130	20
6074	13C4 PFOA						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6075	13C4 PFOS						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6176	13C4 PFBA						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6177	13C2 PFHxA						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6178	18O2 PFHxS						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6179	13C5 PFNA						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6180	13C2 PFDA						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6181	13C2 PFUnA						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0
6182	13C2 PFDoA						X	Y	10	ug/L	50	200	0	X	Y	10	ug/L	50	200	0