

**Table 3-1
Qualification Summary**

SDG	Client Sample ID	Sample Date	Method	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Reason Code	Reason Code Definition	DQI Result	DQI Limits
280-2143-1	Q3-PF-3-1-0.0	4/6/2010	SW 846 8270C	Benzo[a]pyrene	23	U	ug/kg	R	i	Internal Standards	374011	820545-3282178
280-2143-1	Q3-PF-3-1-0.0	4/6/2010	SW 846 8270C	Benzo[b]fluoranthene	29	U	ug/kg	R	i	Internal Standards	374011	820545-3282178
280-2143-1	Q3-PF-3-1-0.0	4/6/2010	SW 846 8270C	Benzo[g,h,i]perylene	18	U	ug/kg	R	i	Internal Standards	374011	820545-3282178
280-2143-1	Q3-PF-3-1-0.0	4/6/2010	SW 846 8270C	Benzo[k]fluoranthene	45	U	ug/kg	R	i	Internal Standards	374011	820545-3282178
280-2143-1	Q3-PF-3-1-0.0	4/6/2010	SW 846 8270C	Dibenz(a,h)anthracene	21	U	ug/kg	R	i	Internal Standards	374011	820545-3282178
280-2143-1	Q3-PF-3-1-0.0	4/6/2010	SW 846 8270C	Indeno[1,2,3-cd]pyrene	25	U	ug/kg	R	i	Internal Standards	374011	820545-3282178
280-2143-1	Q3-PF-3-1-0.0	4/6/2010	SW 846 8270C	Pyrene	15	J	ug/kg	J	sp	>SQL, <PQL		
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Benzo[a]pyrene	21	U	ug/kg	R	i	Internal Standards	357940	820545-3282178
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Benzo[b]fluoranthene	110	JK	ug/kg	J	i,sp	Internal Standards >SQL, <PQL	357940	820545-3282178
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Benzo[g,h,i]perylene	17	U	ug/kg	R	i	Internal Standards	357940	820545-3282178
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Benzo[k]fluoranthene	43	UK	ug/kg	R	i	Internal Standards	357940	820545-3282178
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Chrysene	29	J	ug/kg	J	sp	>SQL, <PQL		
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Dibenz(a,h)anthracene	20	U	ug/kg	R	i	Internal Standards	357940	820545-3282178
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Fluoranthene	49	J	ug/kg	J	sp	>SQL, <PQL		
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Indeno[1,2,3-cd]pyrene	23	U	ug/kg	R	i	Internal Standards	357940	820545-3282178
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Phenanthrene	18	J	ug/kg	J	sp	>SQL, <PQL		
280-2143-1	Q3-PF-3-1-0.0FD	4/6/2010	SW 846 8270C	Pyrene	34	J	ug/kg	J	sp	>SQL, <PQL		
280-2306-1	S3-PG-2-0.0	4/8/2010	SW 846 8270C	Benzo[b]fluoranthene	43	JK	ug/kg	J	sp	>SQL, <PQL		
280-2306-1	S3-PG-2-0.0	4/8/2010	SW 846 8270C	Benzo[g,h,i]perylene	42	J	ug/kg	J	sp	>SQL, <PQL		
280-2306-1	S3-PG-2-0.0	4/8/2010	SW 846 8270C	Phenanthrene	21	J	ug/kg	J	sp	>SQL, <PQL		
280-2306-1	S3-PG-2-0.0	4/8/2010	SW 846 8270C	Pyrene	25	J	ug/kg	J	sp	>SQL, <PQL		
G0D140560	I6-PC-1-0.0	4/13/2010	SW 846 8290	1,2,3,4,6,7,8-HpCDD	0.40	J B	pg/g	U	bl,be,bf	MB Contamination	0.40	0.14 pg/g
										EB Contamination	0.40	100 pg/l
										FB Contamination	0.40	91 pg/l
G0D140560	I6-PC-1-0.0	4/13/2010	SW 846 8290	2,3,7,8-TCDF	0.12	J Q B	pg/g	UJK	bl,k	MB Contamination	0.12	0.088 pg/g
										EMPC		
G0D140560	I6-PC-1-0.0	4/13/2010	SW 846 8290	OCDD	2.6	J B	pg/g	J	fd,sp	Field Duplicate	10.4	Diff (≤10)
										>SQL, <PQL		
G0D140560	I6-PC-1-0.0_FD	4/13/2010	SW 846 8290	1,2,3,4,6,7,8-HpCDD	0.91	J B	pg/g	J	sp	>SQL, <PQL		
G0D140560	I6-PC-1-0.0_FD	4/13/2010	SW 846 8290	2,3,7,8-TCDF	0.14	J Q B	pg/g	UJK	bl,k	MB Contamination	0.14	0.088 pg/g
										EMPC		
G0D140560	I6-PC-1-0.0_FD	4/13/2010	SW 846 8290	OCDD	13	B	pg/g	J	fd	Field Duplicate	10.4	Diff (≤10)

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

Laboratory Qualifiers:

B - Analyte found in the associated method blank

K - Estimated maximum possible concentration (EMPC)

Q - Elevated reporting limits due to target analyte concentrations