

**TABLE 1-1
Sample Analysis Summary**

Parameter	Method	SOIL					SPLP
		Primary	FB	EB	FD	MS/MSD	
Alkalinity (as CaCO3)	EPA 2320B	253	1	12	28	14	14
Ammonia (as N)	EPA 350.1	253	1	12	28	14	14
Asbestos	EPA 600/R-93/116 modified per Berman & Kolk (2000)	65	NA	NA	NA	NA	NA
Bromide	EPA 9056	253	1	12	28	14	14
Chlorate	EPA 300.1 modified	253	1	12	26	13	NA
Chloride	EPA 9056	253	1	12	28	14	14
Cyanide	EPA 9012	226	1	8	26	11	14
Diesel & Oil Range Organics	EPA 8015B	243	1	12	28	14	14
Dioxins/Furans	EPA 8290	57	1	2	5	4	NA
Formaldehyde	EPA 8315A	8	1	1	1	2	NA
Gasoline Range Organics	EPA 8015B	28	1	1	3	2	4
Hexavalent chromium	EPA 7199	253	1	11	28	14	14
Mercury	EPA 7471A	253	1	12	26	12	14
Metals	EPA 6010B/6020 (7062/7742/7740 optional)	253	1	12	26	13	14
Nitrate (as N)	EPA 9056	253	1	12	28	14	14
Nitrite	EPA 353.2	253	1	12	28	14	14
Organic Acids	HPLC-UV per Alpha Analytical SOP E.64 Rev.5	28	1	3	3	2	8
Organochlorine Pesticides	EPA 8081A	183	1	11	21	9	10
Organophosphorous Pesticides	EPA 8141A	28	1	3	3	2	8
PCB Congeners	EPA 1668A	32	1	1	2	1	NA
PCBs	EPA 8082	34	1	2	4	3	2
Perchlorate	EPA 314.0	253	1	12	26	13	14
pH	EPA 9045C	253	1	12	28	NA	14
Phosphate (total)	EPA 365.1	253	1	12	28	14	14
Radium 226	EPA 903.1 MOD	253	1	12	26	14	14
Radium 228	EPA 904.0 MOD	253	1	12	26	14	14
Sulfate	EPA 9056	253	1	12	28	14	14
Surfactants	SM5540	253	1	12	26	14	14
SVOCs	EPA 8270C	248	1	12	28	13	14
Total Organic Carbon	Lloyd Khan	253	1	12	26	14	14
Thorium (isotopic)	HASL-300	253	1	12	26	14	14
Uranium (isotopic)	HASL-300	253	1	12	26	14	14
VOCs	EPA 5035A/8260B	253	1	12	28	14	14
TOTALS		6493	32	307	692	338	354

Notes:

EB: Equipment blank

FB: Field blank

FD: Field duplicate

MS/MSD: Matrix spike/matrix spike duplicate

NA: Not applicable

SPLP: Synthetic precipitation leaching procedure

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
EB070809-SO	R0903820	Water	7/8/2009
EB070809-SO	233107	Water	7/8/2009
EB071009-SO	8304612	Water	7/10/2009
EB071009-SO	R0903866	Water	7/10/2009
EB071009-SO	TRX09072041	Water	7/10/2009
EB071009-SO	233107	Water	7/10/2009
EB071509-SO	R0903970	Water	7/15/2009
EB071509-SO	233309	Water	7/15/2009
EB071609-SO	R0903970	Water	7/16/2009
EB071609-SO	233587	Water	7/16/2009
EB071709-SO	R0904016	Water	7/17/2009
EB071709-SO	233612	Water	7/17/2009
EB072009-SO	R0904016	Water	7/20/2009
EB072009-SO	233587	Water	7/22/2009
EB072109-SO	8304616	Water	7/21/2009
EB072109-SO	R0904016	Water	7/21/2009
EB072109-SO	TRX09072352	Water	7/21/2009
EB072109-SO	233612	Water	7/21/2009
EB072209-SO	8304616	Water	7/22/2009
EB072209-SO	R0904102	Water	7/22/2009
EB072209-SO	TRX09072352	Water	7/22/2009
EB072209-SO	233960	Water	7/22/2009
EB072409-SO	R0904102	Water	7/24/2009
EB072409-SO	TRX09072741	Water	7/24/2009
EB072409-SO	TRX09072741	Water	7/24/2009
EB073109-SO	R0904279	Water	7/31/2009
EB073109-SO	234414	Water	7/31/2009
EB080309-SO	234414	Water	8/3/2009
EB080609-SO	R0904426	Water	8/6/2009
EB080609-SO	234654	Water	8/6/2009
FB072109-SO	8304616	Water	7/21/2009
FB072109-SO	R0904016	Water	7/21/2009
FB072109-SO	TRX09072352	Water	7/21/2009
FB072109-SO	233612	Water	7/21/2009
RSA02-0.0	040815042	Soil	6/16/2008
RSA02-0.5B	211412	Soil	7/9/2008
RSA02-0.5B	K0806275	Soil	7/9/2008
RSA02-10B	211412	Soil	7/9/2008
RSA02-10B	K0806275	Soil	7/9/2008
RSA02-20B	211412	Soil	7/9/2008
RSA02-20B	K0806275	Soil	7/9/2008
RSA02-20BD	211412	Soil	7/9/2008
RSA02-20BD	K0806275	Soil	7/9/2008
RSA02-30B	211412	Soil	7/9/2008
RSA02-30B	K0806275	Soil	7/9/2008
RSA02-33B	211412	Soil	7/9/2008
RSA02-33B	K0806275	Soil	7/9/2008
RSA03-0.0	040815201	Soil	6/18/2008
RSA03-0.5B	231217	Soil	6/10/2009
RSA03009-20B	R0903866	Soil	7/14/2009
RSA03009-20B	233309	Soil	7/14/2009
RSA03009-20B	R0903970	Soil	7/16/2009
RSA03009-20B	233587	Soil	7/16/2009
RSA03-10B	R0903866	Soil	7/14/2009
RSA03-10B	233309	Soil	7/14/2009
RSA03-10B	R0903970	Soil	7/16/2009
RSA03-10B	233587	Soil	7/16/2009
RSA03-20B	R0903866	Soil	7/14/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSA03-20B	233309	Soil	7/14/2009
RSA03-20B	R0903970	Soil	7/16/2009
RSA03-20B	233587	Soil	7/16/2009
RSA03-31B	R0903970	Soil	7/16/2009
RSA03-31B	233587	Soil	7/16/2009
RSA04-0.0	040815201	Soil	6/19/2008
RSA04-0.5B	211412	Soil	7/9/2008
RSA04-0.5B	E0800645	Soil	7/9/2008
RSA04-0.5B	K0806275	Soil	7/9/2008
RSA04-0.5B	R2844885	Soil	7/9/2008
RSA04-10B	211412	Soil	7/9/2008
RSA04-10B	E0800645	Soil	7/9/2008
RSA04-10B	K0806275	Soil	7/9/2008
RSA04-10B	R2844885	Soil	7/9/2008
RSA04-20B	211412	Soil	7/9/2008
RSA04-20B	E0800645	Soil	7/9/2008
RSA04-20B	K0806275	Soil	7/9/2008
RSA04-20B	R2844885	Soil	7/9/2008
RSA04-30B	211412	Soil	7/9/2008
RSA04-30B	E0800645	Soil	7/9/2008
RSA04-30B	K0806275	Soil	7/9/2008
RSA04-30B	R2844885	Soil	7/9/2008
RSA04-36B	211412	Soil	7/9/2008
RSA04-36B	E0800645	Soil	7/9/2008
RSA04-36B	K0806275	Soil	7/9/2008
RSA04-36B	R2844885	Soil	7/9/2008
RSA12-0.5B	R0903051	Soil	6/1/2009
RSA17-32B	R2844922	Soil	7/11/2008
RSAH3-0.0	040814617	Soil	6/11/2008
RSAH3-0.5B	8304616	Soil	7/24/2009
RSAH3-0.5B	R0904102	Soil	7/24/2009
RSAH3-0.5B	TRX09072741	Soil	7/24/2009
RSAH3-0.5B	233960	Soil	7/24/2009
RSAH3009-0.5B	8304616	Soil	7/24/2009
RSAH3009-0.5B	R0904102	Soil	7/24/2009
RSAH3009-0.5B	TRX09072741	Soil	7/24/2009
RSAH3009-0.5B	233960	Soil	7/24/2009
RSAH3-10B	R0904102	Soil	7/24/2009
RSAH3-10B	233960	Soil	7/24/2009
RSAH3-20B	R0904102	Soil	7/24/2009
RSAH3-20B	233960	Soil	7/24/2009
RSAH3-32B	8304616	Soil	7/24/2009
RSAH3-32B	R0904102	Soil	7/24/2009
RSAH3-32B	TRX09072741	Soil	7/24/2009
RSAH3-32B	233960	Soil	7/24/2009
RSAI2-0.0	040815201	Soil	6/17/2008
RSAI2-0.5B	230756	Soil	6/1/2009
RSAI2009-10B	R0903584	Soil	6/26/2009
RSAI2009-10B	232528	Soil	6/26/2009
RSAI2-10B	R0903584	Soil	6/26/2009
RSAI2-10B	232528	Soil	6/26/2009
RSAI2-20B	R0903584	Soil	6/26/2009
RSAI2-20B	232528	Soil	6/26/2009
RSAI2-31B	R0903584	Soil	6/26/2009
RSAI2-31B	232528	Soil	6/26/2009
RSAI3-0.0	040815201	Soil	6/17/2008
RSAI3-0.5B	R0903051	Soil	6/2/2009
RSAI3-0.5B	230756	Soil	6/2/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSAI3-10B	R0903584	Soil	6/25/2009
RSAI3-10B	232395	Soil	6/25/2009
RSAI3-20B	R0903584	Soil	6/25/2009
RSAI3-20B	232395	Soil	6/25/2009
RSAI3-32B	R0903584	Soil	6/25/2009
RSAI3-32B	232395	Soil	6/25/2009
RSAI4-0.0	040814617	Soil	6/11/2008
RSAI4-0.5B	R0904102	Soil	7/24/2009
RSAI4-0.5B	234120	Soil	7/24/2009
RSAI4-10B	R0904102	Soil	7/24/2009
RSAI4-10B	234120	Soil	7/24/2009
RSAI4-20B	R0904102	Soil	7/24/2009
RSAI4-20B	234120	Soil	7/24/2009
RSAI4-32B	R0904102	Soil	7/24/2009
RSAI4-32B	234120	Soil	7/24/2009
RSAI5-0.0	040814617	Soil	6/11/2008
RSAI5-0.5B	R0904102	Soil	7/24/2009
RSAI5-0.5B	233960	Soil	7/24/2009
RSAI5009-10B	R0904102	Soil	7/24/2009
RSAI5009-10B	234120	Soil	7/24/2009
RSAI5-10B	R0904102	Soil	7/24/2009
RSAI5-10B	234120	Soil	7/24/2009
RSAI5-28B	R0904102	Soil	7/24/2009
RSAI5-28B	234120	Soil	7/24/2009
RSAI7-0.0	040815042	Soil	6/17/2008
RSAI7-0.5B	211948	Soil	7/11/2008
RSAI7-0.5B	E0800661	Soil	7/11/2008
RSAI7-0.5B	K0806357	Soil	7/11/2008
RSAI7-0.5B	R2844922	Soil	7/11/2008
RSAI7-10B	211948	Soil	7/11/2008
RSAI7-10B	K0806357	Soil	7/11/2008
RSAI7-10B	K0806534	Soil	7/11/2008
RSAI7-10B	R2844922	Soil	7/11/2008
RSAI7-10B	R2845025	Soil	7/11/2008
RSAI7-20B	211948	Soil	7/11/2008
RSAI7-20B	K0806357	Soil	7/11/2008
RSAI7-20B	R2844922	Soil	7/11/2008
RSAI7-30B	211948	Soil	7/11/2008
RSAI7-30B	K0806357	Soil	7/11/2008
RSAI7-30B	R2844922	Soil	7/11/2008
RSAI7-32B	211948	Soil	7/11/2008
RSAI7-32B	K0806357	Soil	7/11/2008
RSAJ2-0.0	040814617	Soil	6/11/2008
RSAJ2-0.5B	R0903051	Soil	6/4/2009
RSAJ2-0.5B	230756	Soil	6/4/2009
RSAJ2009-33B	R0903584	Soil	6/26/2009
RSAJ2009-33B	232528	Soil	6/26/2009
RSAJ2-10B	R0903584	Soil	6/26/2009
RSAJ2-10B	232528	Soil	6/26/2009
RSAJ2-20B	R0903584	Soil	6/26/2009
RSAJ2-20B	232528	Soil	6/26/2009
RSAJ2-33B	R0903584	Soil	6/26/2009
RSAJ2-33B	232528	Soil	6/26/2009
RSAJ3-0.0	040815042	Soil	6/16/2008
RSAJ3-0.5B	8304602	Soil	6/4/2009
RSAJ3-0.5B	R0903051	Soil	6/4/2009
RSAJ3-0.5B	TRX09060566	Soil	6/4/2009
RSAJ3-0.5B	230756	Soil	6/4/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSAJ3-10B	R0904279	Soil	7/31/2009
RSAJ3-10B	234414	Soil	7/31/2009
RSAJ3-10B	8304624	Soil	8/3/2009
RSAJ3-10B	8304638	Soil	10/6/2009
RSAJ3-10BSPLP	TRX09080450	SPLP	8/3/2009
RSAJ3-10BSPLP	233413	SPLP	8/3/2009
RSAJ3-10BSPLP	233415	SPLP	8/3/2009
RSAJ3-10BSPLP2	R0904223	SPLP	8/3/2009
RSAJ3-10BSPLP3	R0904223	SPLP	8/3/2009
RSAJ3-29B	R0904279	Soil	7/31/2009
RSAJ3-29B	234414	Soil	7/31/2009
RSAJ3-29B	8304624	Soil	8/3/2009
RSAJ3-29B	8304638	Soil	10/6/2009
RSAJ3-29BSPLP	TRX09080450	Soil	8/3/2009
RSAJ3-29BSPLP	233413	SPLP	8/3/2009
RSAJ3-29BSPLP	233415	SPLP	8/3/2009
RSAJ3-29BSPLP2	R0904223	SPLP	8/3/2009
RSAJ3-29BSPLP3	R0904223	SPLP	8/3/2009
RSAJ5-0.0	040814617	Soil	6/12/2008
RSAJ5-0.5B	R0903051	Soil	6/2/2009
RSAJ5-0.5B	230756	Soil	6/2/2009
RSAJ5009-19B	R0903970	Soil	7/16/2009
RSAJ5009-19B	233587	Soil	7/16/2009
RSAJ5-10B	R0903970	Soil	7/15/2009
RSAJ5-10B	233587	Soil	7/15/2009
RSAJ5-19B	R0903970	Soil	7/16/2009
RSAJ5-19B	233587	Soil	7/16/2009
RSAJ6-0.0	040815201	Soil	6/17/2008
RSAJ6-0.5B	R0903184	Soil	6/5/2009
RSAJ6-0.5B	230756	Soil	6/5/2009
RSAJ6-10B	R0904016	Soil	7/17/2009
RSAJ6-10B	233612	Soil	7/17/2009
RSAJ6-19B	R0904016	Soil	7/17/2009
RSAJ6-19B	233612	Soil	7/17/2009
RSAJ7-0.0	040815201	Soil	6/17/2008
RSAJ7-0.5B	211899	Soil	7/9/2008
RSAJ7-0.5B	E0800649	Soil	7/9/2008
RSAJ7-0.5B	K0806358	Soil	7/9/2008
RSAJ7-0.5B	R2844902	Soil	7/9/2008
RSAJ7-10B	211899	Soil	7/9/2008
RSAJ7-10B	K0806358	Soil	7/9/2008
RSAJ7-10B	R2844902	Soil	7/9/2008
RSAJ7-20B	211899	Soil	7/9/2008
RSAJ7-20B	K0806358	Soil	7/9/2008
RSAJ7-20B	R2844902	Soil	7/9/2008
RSAJ8-0.0	040815042	Soil	6/17/2008
RSAJ8-0.5B	211948	Soil	7/10/2008
RSAJ8-0.5B	E0800661	Soil	7/10/2008
RSAJ8-0.5B	K0806357	Soil	7/10/2008
RSAJ8-0.5B	R2844922	Soil	7/10/2008
RSAJ8-10B	211948	Soil	7/10/2008
RSAJ8-10B	K0806357	Soil	7/10/2008
RSAJ8-10B	R2844922	Soil	7/10/2008
RSAJ8-20B	211948	Soil	7/10/2008
RSAJ8-20B	K0806357	Soil	7/10/2008
RSAJ8-20B	R2844922	Soil	7/10/2008
RSAJ8-30B	211948	Soil	7/11/2008
RSAJ8-30B	K0806357	Soil	7/11/2008

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSAJ8-30B	R2844922	Soil	7/11/2008
RSAJ8-33B	211948	Soil	7/11/2008
RSAJ8-33B	K0806357	Soil	7/11/2008
RSAJ8-33B	R2844922	Soil	7/11/2008
RS AK2-0.0	040815042	Soil	6/16/2008
RS AK2-0.5B	E0800662	Soil	7/10/2008
RS AK2-0.5B	211947	Soil	7/11/2008
RS AK2-0.5B	K0806357	Soil	7/11/2008
RS AK2-0.5B	R2844922	Soil	7/11/2008
RS AK2-10B	211947	Soil	7/11/2008
RS AK2-10B	K0806357	Soil	7/11/2008
RS AK2-10B	R2844922	Soil	7/11/2008
RS AK2-20B	211947	Soil	7/11/2008
RS AK2-20B	K0806357	Soil	7/11/2008
RS AK2-20B	R2844922	Soil	7/11/2008
RS AK2-20BD	211947	Soil	7/11/2008
RS AK2-20BD	K0806357	Soil	7/11/2008
RS AK2-20BD	R2844922	Soil	7/11/2008
RS AK2-30B	211947	Soil	7/11/2008
RS AK2-30B	K0806357	Soil	7/11/2008
RS AK2-30B	R2844922	Soil	7/11/2008
RS AK2-35B	211947	Soil	7/11/2008
RS AK2-35B	K0806357	Soil	7/11/2008
RS AK2-35B	R2844922	Soil	7/11/2008
RS AK3-0.0	040815042	Soil	6/16/2008
RS AK3-0.5B	R0903678	Soil	7/2/2009
RS AK3-0.5B	232727	Soil	7/2/2009
RS AK3-10B	R0903678	Soil	7/2/2009
RS AK3-10B	232727	Soil	7/2/2009
RS AK3-20B	R0903678	Soil	7/2/2009
RS AK3-20B	232727	Soil	7/2/2009
RS AK3-31B	R0903678	Soil	7/2/2009
RS AK3-31B	232727	Soil	7/2/2009
RS AK4-0.0	040814617	Soil	6/12/2008
RS AK4-0.5B	R0903184	Soil	6/11/2009
RS AK4-0.5B	231217	Soil	6/11/2009
RS AK4009-0.5B	R0903184	Soil	6/11/2009
RS AK4009-0.5B	231217	Soil	6/11/2009
RS AK4-10B	R0903729	Soil	7/6/2009
RS AK4-10B	232860	Soil	7/6/2009
RS AK4-20B	R0903729	Soil	7/6/2009
RS AK4-20B	232860	Soil	7/6/2009
RS AK4-31B	R0903729	Soil	7/6/2009
RS AK4-31B	232860	Soil	7/6/2009
RS AK5-0.0	040814617	Soil	6/12/2008
RS AK5-0.5B	R0903051	Soil	6/2/2009
RS AK5-0.5B	230756	Soil	6/2/2009
RS AK5-10B	R0903970	Soil	7/15/2009
RS AK5-10B	233587	Soil	7/15/2009
RS AK5-22B	R0903970	Soil	7/15/2009
RS AK5-22B	233587	Soil	7/15/2009
RS AK6-0.0	040815201	Soil	6/17/2008
RS AK6-0.5B	R0903184	Soil	6/5/2009
RS AK6-0.5B	230756	Soil	6/5/2009
RS AK6-10B	R0904016	Soil	7/17/2009
RS AK6-10B	233612	Soil	7/17/2009
RS AK6-24B	R0904016	Soil	7/17/2009
RS AK6-24B	233612	Soil	7/17/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSAK7-0.0	040815201	Soil	6/17/2008
RSAK7-0.5B	211899	Soil	7/10/2008
RSAK7-0.5B	E0800649	Soil	7/10/2008
RSAK7-0.5B	K0806358	Soil	7/10/2008
RSAK7-0.5B	R2844902	Soil	7/10/2008
RSAK7-10B	211899	Soil	7/10/2008
RSAK7-10B	K0806358	Soil	7/10/2008
RSAK7-10B	R2844902	Soil	7/10/2008
RSAK7-10BD	211899	Soil	7/10/2008
RSAK7-10BD	K0806358	Soil	7/10/2008
RSAK7-10BD	R2844902	Soil	7/10/2008
RSAK7-20B	211899	Soil	7/10/2008
RSAK7-20B	K0806358	Soil	7/10/2008
RSAK7-20B	R2844902	Soil	7/10/2008
RSAK7-27B	211899	Soil	7/10/2008
RSAK7-27B	K0806358	Soil	7/10/2008
RSAK7-27B	R2844902	Soil	7/10/2008
RSAK8-0.0	040815201	Soil	6/17/2008
RSAK8-0.5B	R0903184	Soil	6/5/2009
RSAK8-0.5B	231217	Soil	6/5/2009
RSAK8009-26B	R0904016	Soil	7/20/2009
RSAK8009-26B	R0905690	Soil	7/20/2009
RSAK8009-26B	233587	Soil	7/20/2009
RSAK8-10B	R0904016	Soil	7/20/2009
RSAK8-10B	R0905690	Soil	7/20/2009
RSAK8-10B	233587	Soil	7/20/2009
RSAK8-26B	R0904016	Soil	7/20/2009
RSAK8-26B	R0905690	Soil	7/20/2009
RSAK8-26B	233587	Soil	7/20/2009
RSAL2-0.0	040815042	Soil	6/16/2008
RSAL2-0.5B	211899	Soil	7/10/2008
RSAL2-0.5B	E0800662	Soil	7/10/2008
RSAL2-0.5B	K0806357	Soil	7/10/2008
RSAL2-0.5B	R2844922	Soil	7/10/2008
RSAL2-10B	211899	Soil	7/11/2008
RSAL2-10B	K0806357	Soil	7/11/2008
RSAL2-10B	R2844922	Soil	7/11/2008
RSAL2-20B	211947	Soil	7/11/2008
RSAL2-20B	K0806357	Soil	7/11/2008
RSAL2-20B	R2844922	Soil	7/11/2008
RSAL2-20BD	211947	Soil	7/11/2008
RSAL2-20BD	K0806357	Soil	7/11/2008
RSAL2-20BD	R2844922	Soil	7/11/2008
RSAL2-30B	211947	Soil	7/11/2008
RSAL2-30B	K0806357	Soil	7/11/2008
RSAL2-30B	R2844922	Soil	7/11/2008
RSAL2-37B	211947	Soil	7/11/2008
RSAL2-37B	K0806357	Soil	7/11/2008
RSAL2-37B	R2844922	Soil	7/11/2008
RSAL2-40B	211947	Soil	7/11/2008
RSAL2-40B	K0806357	Soil	7/11/2008
RSAL2-40B	R2844922	Soil	7/11/2008
RSAL3-0.0	040815042	Soil	6/16/2008
RSAL3-0.5B	R0903051	Soil	6/3/2009
RSAL3-0.5B	230756	Soil	6/3/2009
RSAL3-10B	R0903678	Soil	7/1/2009
RSAL3-10B	232727	Soil	7/1/2009
RSAL3-30B	R0903678	Soil	7/1/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSAL3-30B	232727	Soil	7/1/2009
RSAL4-0.0	040815042	Soil	6/12/2008
RSAL4-0.5B	R0903729	Soil	7/7/2009
RSAL4-0.5B	232860	Soil	7/7/2009
RSAL4009-0.5B	R0903729	Soil	7/7/2009
RSAL4009-0.5B	232860	Soil	7/7/2009
RSAL4-10B	R0903729	Soil	7/7/2009
RSAL4-10B	232860	Soil	7/7/2009
RSAL4-28B	R0903729	Soil	7/7/2009
RSAL4-28B	232860	Soil	7/7/2009
RSAL5-0.0	040814617	Soil	6/12/2008
RSAL5-0.5B	R0903970	Soil	7/15/2009
RSAL5-0.5B	233587	Soil	7/15/2009
RSAL5-10B	R0903970	Soil	7/15/2009
RSAL5-10B	233587	Soil	7/15/2009
RSAL5-30B	R0903970	Soil	7/15/2009
RSAL5-30B	233587	Soil	7/15/2009
RSAL7-0.0	040815201	Soil	6/17/2008
RSAL7-0.5B	R0903184	Soil	6/5/2009
RSAL7-0.5B	231217	Soil	6/5/2009
RSAL7-10B	R0904426	Soil	8/6/2009
RSAL7-10B	234654	Soil	8/6/2009
RSAL7-27B	R0904426	Soil	8/6/2009
RSAL7-27B	234654	Soil	8/6/2009
RSAL8-0.0	040815201	Soil	6/17/2008
RSAL8-0.5B	R0903184	Soil	6/5/2009
RSAL8-0.5B	231217	Soil	6/5/2009
RSAL8-10B	R0904016	Soil	7/20/2009
RSAL8-10B	233587	Soil	7/20/2009
RSAL8-28B	R0904016	Soil	7/20/2009
RSAL8-28B	233587	Soil	7/20/2009
RSAM2-0.0	040815201	Soil	6/18/2008
RSAM2-0.5B	8304602	Soil	6/3/2009
RSAM2-0.5B	R0903051	Soil	6/3/2009
RSAM2-0.5B	TRX09060457	Soil	6/3/2009
RSAM2-0.5B	230756	Soil	6/3/2009
RSAM2009-20B	R0903866	Soil	7/10/2009
RSAM2009-20B	233107	Soil	7/10/2009
RSAM2-10B	8304612	Soil	7/10/2009
RSAM2-10B	R0903866	Soil	7/10/2009
RSAM2-10B	TRX09071450	Soil	7/10/2009
RSAM2-10B	233107	Soil	7/10/2009
RSAM2-20B	R0903866	Soil	7/10/2009
RSAM2-20B	233107	Soil	7/10/2009
RSAM2-35B	8304612	Soil	7/10/2009
RSAM2-35B	R0903866	Soil	7/10/2009
RSAM2-35B	TRX09071450	Soil	7/10/2009
RSAM2-35B	233107	Soil	7/10/2009
RSAM3-0.0	040815201	Soil	6/18/2008
RSAM3-0.5B	8304602	Soil	6/3/2009
RSAM3-0.5B	R0903051	Soil	6/3/2009
RSAM3-0.5B	TRX09060457	Soil	6/3/2009
RSAM3-0.5B	230756	Soil	6/3/2009
RSAM3-10B	R0903866	Soil	7/13/2009
RSAM3-10B	233309	Soil	7/13/2009
RSAM3-10BSPLP	233413	SPLP	7/13/2009
RSAM3-10BSPLP	233415	SPLP	7/13/2009
RSAM3-10BSPLP2	R0903926	SPLP	7/13/2009
RSAM3-10BSPLP2RS	R0903926	SPLP	7/13/2009
RSAM3-10BSPLP3	R0903926	SPLP	7/13/2009
RSAM3-10BSPLP3RS	R0903926	SPLP	7/13/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSAM3-30B	8304613	Soil	7/13/2009
RSAM3-30B	R0903866	Soil	7/13/2009
RSAM3-30B	TRX09071450	Soil	7/13/2009
RSAM3-30B	233309	Soil	7/13/2009
RSAM4-0.0	040815201	Soil	6/18/2008
RSAM4-0.5B	R0903820	Soil	7/8/2009
RSAM4-0.5B	232860	Soil	7/8/2009
RSAM4-10B	R0903820	Soil	7/8/2009
RSAM4-10B	232860	Soil	7/8/2009
RSAM4-30B	R0903820	Soil	7/8/2009
RSAM4-30B	232860	Soil	7/8/2009
RSAN2-0.0	040815201	Soil	6/18/2008
RSAN2-0.5B	211141	Soil	7/8/2008
RSAN2-0.5B	E0800640	Soil	7/8/2008
RSAN2-0.5B	K0806216	Soil	7/8/2008
RSAN2-0.5B	R2844862	Soil	7/8/2008
RSAN2-10B	211141	Soil	7/8/2008
RSAN2-10B	E0800640	Soil	7/8/2008
RSAN2-10B	K0806216	Soil	7/8/2008
RSAN2-10B	R2844862	Soil	7/8/2008
RSAN2-20B	211141	Soil	7/8/2008
RSAN2-20B	E0800640	Soil	7/8/2008
RSAN2-20B	K0806216	Soil	7/8/2008
RSAN2-20B	R2844862	Soil	7/8/2008
RSAN2-30B	211412	Soil	7/8/2008
RSAN2-30B	E0800646	Soil	7/8/2008
RSAN2-30B	K0806275	Soil	7/8/2008
RSAN2-30B	R2844885	Soil	7/8/2008
RSAN2-30BD	211412	Soil	7/8/2008
RSAN2-30BD	E0800646	Soil	7/8/2008
RSAN2-30BD	K0806275	Soil	7/8/2008
RSAN2-30BD	R2844885	Soil	7/8/2008
RSAN2-35B	211412	Soil	7/8/2008
RSAN2-35B	E0800646	Soil	7/8/2008
RSAN2-35B	K0806275	Soil	7/8/2008
RSAN2-35B	R2844885	Soil	7/8/2008
RSAN3-0.0	040815201	Soil	6/18/2008
RSAN3-0.5B	R0903820	Soil	7/8/2009
RSAN3-0.5B	233107	Soil	7/8/2009
RSAN3009-20B	R0903820	Soil	7/8/2009
RSAN3009-20B	233107	Soil	7/8/2009
RSAN3-10B	R0903820	Soil	7/8/2009
RSAN3-10B	233107	Soil	7/8/2009
RSAN3-20B	R0903820	Soil	7/8/2009
RSAN3-20B	233107	Soil	7/8/2009
RSAN3-32B	R0903820	Soil	7/8/2009
RSAN3-32B	233107	Soil	7/8/2009
RSAN4-0.0	040815201	Soil	6/18/2008
RSAN4-0.5B	R0903820	Soil	7/8/2009
RSAN4-0.5B	233107	Soil	7/8/2009
RSAN4009-10B	R0903820	Soil	7/9/2009
RSAN4009-10B	233107	Soil	7/9/2009
RSAN4-10B	R0903820	Soil	7/9/2009
RSAN4-10B	233107	Soil	7/9/2009
RSAN4-20B	R0903820	Soil	7/9/2009
RSAN4-20B	233107	Soil	7/9/2009
RSAN4-31B	R0903820	Soil	7/9/2009
RSAN4-31B	233107	Soil	7/9/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
RSAO2-0.5B	E0800646	Soil	7/9/2008
RSAO2-0.5B	R2844885	Soil	7/9/2008
RSAO2-10B	E0800646	Soil	7/9/2008
RSAO2-10B	R2844885	Soil	7/9/2008
RSAO2-20B	E0800646	Soil	7/9/2008
RSAO2-20B	R2844885	Soil	7/9/2008
RSAO2-20BD	E0800646	Soil	7/9/2008
RSAO2-20BD	R2844885	Soil	7/9/2008
RSAO2-30B	E0800646	Soil	7/9/2008
RSAO2-30B	R2844885	Soil	7/9/2008
RSAO2-33B	E0800646	Soil	7/9/2008
RSAO2-33B	R2844885	Soil	7/9/2008
RSAO3-0.5B	R0903184	Soil	6/10/2009
SA100-0.0	040815201	Soil	6/18/2008
SA100-0.5B	R0903051	Soil	6/3/2009
SA100-0.5B	230756	Soil	6/3/2009
SA100-0.5B	R0905717	Soil	10/6/2009
SA100-10B	R0903729	Soil	7/7/2009
SA100-10B	232860	Soil	7/7/2009
SA100-30B	R0903729	Soil	7/7/2009
SA100-30B	232860	Soil	7/7/2009
SA127.0-0B	090907609	Soil	9/16/2009
SA127-0.5B	R0903184	Soil	6/5/2009
SA127-0.5B	230756	Soil	6/5/2009
SA127-10B	R0904279	Soil	7/31/2009
SA127-10B	234414	Soil	7/31/2009
SA127-10B-berm	R0904279	Soil	7/31/2009
SA127-10B-berm	234414	Soil	7/31/2009
SA127-20B	R0904279	Soil	7/31/2009
SA127-20B	234414	Soil	7/31/2009
SA127-32B	R0904279	Soil	7/31/2009
SA127-32B	234414	Soil	7/31/2009
SA127-5B-berm	R0904279	Soil	7/31/2009
SA127-5B-berm	234414	Soil	7/31/2009
SA134-0.0	040815042	Soil	6/16/2008
SA134-0.5B	R0903184	Soil	6/11/2009
SA134-0.5B	231217	Soil	6/11/2009
SA134009-31B	R0903678	Soil	7/2/2009
SA134009-31B	232727	Soil	7/2/2009
SA134-10B	R0903678	Soil	7/2/2009
SA134-10B	232860	Soil	7/2/2009
SA134-20B	R0903678	Soil	7/2/2009
SA134-20B	232727	Soil	7/2/2009
SA134-31B	R0903678	Soil	7/2/2009
SA134-31B	232727	Soil	7/2/2009
SA152-0.0	040815042	Soil	6/16/2008
SA152-0.5B	R0903051	Soil	6/4/2009
SA152-0.5B	230756	Soil	6/4/2009
SA152009-0.5B	R0903051	Soil	6/4/2009
SA152009-0.5B	230756	Soil	6/4/2009
SA152-10B	R0903615	Soil	6/29/2009
SA152-10B	232528	Soil	6/29/2009
SA152-20B	R0903615	Soil	6/29/2009
SA152-20B	232528	Soil	6/29/2009
SA152-34B	R0903615	Soil	6/29/2009
SA152-34B	232528	Soil	6/29/2009
SA166-0.0	040815201	Soil	6/18/2008
SA166-0.5B	8304605	Soil	6/11/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
SA166-0.5B	R0903184	Soil	6/11/2009
SA166-0.5B	TRX09061850	Soil	6/11/2009
SA166-0.5B	231217	Soil	6/11/2009
SA166-10B	8304616	Soil	7/21/2009
SA166-10B	R0904016	Soil	7/21/2009
SA166-10B	TRX09072352	Soil	7/21/2009
SA166-10B	233612	Soil	7/21/2009
SA166-10BSPLP	8304617	SPLP	7/21/2009
SA166-10BSPLP	TRX09072852	SPLP	7/21/2009
SA166-10BSPLP	233413	SPLP	7/21/2009
SA166-10BSPLP	233415	SPLP	7/21/2009
SA166-10BSPLP2	R0904084	SPLP	7/21/2009
SA166-10BSPLP3	R0904084	SPLP	7/21/2009
SA166-20B	R0904016	Soil	7/21/2009
SA166-20B	233612	Soil	7/21/2009
SA166-31B	8304616	Soil	7/21/2009
SA166-31B	R0904016	Soil	7/21/2009
SA166-31B	TRX09072352	Soil	7/21/2009
SA166-31B	233612	Soil	7/21/2009
SA176-0.0	040815201	Soil	6/18/2008
SA176-0.5B	TRX09061850	Soil	6/9/2009
SA176-0.5B	8304605	Soil	6/10/2009
SA176-0.5B	R0903184	Soil	6/10/2009
SA176-0.5B	231217	Soil	6/10/2009
SA176009-37B	8304613	Soil	7/13/2009
SA176009-37B	R0903866	Soil	7/13/2009
SA176009-37B	TRX09071450	Soil	7/13/2009
SA176009-37B	233309	Soil	7/13/2009
SA176-10B	8304613	Soil	7/13/2009
SA176-10B	R0903866	Soil	7/13/2009
SA176-10B	TRX09071450	Soil	7/13/2009
SA176-10B	233309	Soil	7/13/2009
SA176-25B	R0903866	Soil	7/13/2009
SA176-25B	233309	Soil	7/13/2009
SA176-37B	8304613	Soil	7/13/2009
SA176-37B	R0903866	Soil	7/13/2009
SA176-37B	TRX09071450	Soil	7/13/2009
SA176-37B	233309	Soil	7/13/2009
SA180-0.0	040815201	Soil	6/18/2008
SA180-0.5B	211060	Soil	6/26/2008
SA180-0.5B	E0800616	Soil	6/26/2008
SA180-0.5B	K0805780	Soil	6/26/2008
SA180-0.5B	R2844666	Soil	6/26/2008
SA180-0.5BD	R2844666	Soil	6/26/2008
SA180-10B	211141	Soil	6/26/2008
SA180-10B	E0800616	Soil	6/26/2008
SA180-10B	K0805780	Soil	6/26/2008
SA180-10B	R2844666	Soil	6/26/2008
SA180-20B	211060	Soil	6/26/2008
SA180-20B	E0800616	Soil	6/26/2008
SA180-20B	K0805780	Soil	6/26/2008
SA180-20B	R2844666	Soil	6/26/2008
SA180-30B	211060	Soil	6/26/2008
SA180-30B	E0800616	Soil	6/26/2008
SA180-30B	K0805780	Soil	6/26/2008
SA180-30B	R2844666	Soil	6/26/2008
SA181-0.0	040815201	Soil	6/19/2008
SA181-0.5B	211141	Soil	7/2/2008

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
SA181-0.5B	E0800632	Soil	7/2/2008
SA181-0.5B	K0806117	Soil	7/2/2008
SA181-0.5B	R2844797	Soil	7/2/2008
SA181-10B	211141	Soil	7/2/2008
SA181-10B	K0806117	Soil	7/2/2008
SA181-10B	R2844797	Soil	7/2/2008
SA181-20B	211141	Soil	7/2/2008
SA181-20B	K0806117	Soil	7/2/2008
SA181-20B	R2844797	Soil	7/2/2008
SA181-30B	211141	Soil	7/2/2008
SA181-30B	K0806117	Soil	7/2/2008
SA181-30B	R2844797	Soil	7/2/2008
SA181-35B	211141	Soil	7/2/2008
SA181-35B	K0806117	Soil	7/2/2008
SA181-35B	R2844797	Soil	7/2/2008
SA182-0.0	040815201	Soil	6/18/2008
SA182-0.5B	8304605	Soil	6/11/2009
SA182-0.5B	R0903184	Soil	6/11/2009
SA182-0.5B	TRX09061850	Soil	6/11/2009
SA182-0.5B	231217	Soil	6/11/2009
SA182-10B	8304616	Soil	7/22/2009
SA182-10B	R0904102	Soil	7/22/2009
SA182-10B	TRX09072352	Soil	7/22/2009
SA182-10B	233960	Soil	7/22/2009
SA182-10BSPLP	8304617	SPLP	7/22/2009
SA182-10BSPLP	TRX09072852	SPLP	7/22/2009
SA182-10BSPLP	233413	SPLP	7/22/2009
SA182-10BSPLP	233415	SPLP	7/22/2009
SA182-10BSPLP2	R0904084	SPLP	7/22/2009
SA182-10BSPLP3	R0904084	SPLP	7/22/2009
SA182-25B	R0904102	Soil	7/22/2009
SA182-25B	233960	Soil	7/22/2009
SA182-38B	8304616	Soil	7/22/2009
SA182-38B	R0904102	Soil	7/22/2009
SA182-38B	TRX09072352	Soil	7/22/2009
SA182-38B	233960	Soil	7/22/2009
SA183-0.0	040815201	Soil	6/19/2008
SA183-0.5B	211141	Soil	7/8/2008
SA183-0.5B	E0800639	Soil	7/8/2008
SA183-0.5B	K0806216	Soil	7/8/2008
SA183-0.5B	R2844862	Soil	7/8/2008
SA183-10B	211412	Soil	7/8/2008
SA183-10B	K0806275	Soil	7/8/2008
SA183-10B	R2844885	Soil	7/8/2008
SA183-10BD	211412	Soil	7/8/2008
SA183-10BD	K0806275	Soil	7/8/2008
SA183-10BD	R2844885	Soil	7/8/2008
SA183-20B	211412	Soil	7/8/2008
SA183-20B	K0806275	Soil	7/8/2008
SA183-20B	R2844885	Soil	7/8/2008
SA183-30B	211412	Soil	7/8/2008
SA183-30B	K0806275	Soil	7/8/2008
SA183-30B	R2844885	Soil	7/8/2008
SA183-33B	211412	Soil	7/8/2008
SA183-33B	K0806275	Soil	7/8/2008
SA183-33B	R2844885	Soil	7/8/2008
SA189-0.0	040815042	Soil	6/12/2008
SA189-0.0	040815042	Soil	6/16/2008

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
SA189-0.5B	R0903051	Soil	6/4/2009
SA189-0.5B	230756	Soil	6/4/2009
SA189-0.5B	R0905717	Soil	10/6/2009
SA189-10B	R0903970	Soil	7/16/2009
SA189-10B	233587	Soil	7/16/2009
SA189-29B	R0903970	Soil	7/16/2009
SA189-29B	233587	Soil	7/16/2009
SA201-0.0	040815042	Soil	6/16/2008
SA201-0.5B	R0903184	Soil	6/11/2009
SA201-0.5B	231217	Soil	6/11/2009
SA201009-28B	R0903443	Soil	6/24/2009
SA201009-28B	232395	Soil	6/24/2009
SA201-10B	R0903443	Soil	6/24/2009
SA201-10B	232395	Soil	6/24/2009
SA201-28B	R0903443	Soil	6/24/2009
SA201-28B	232395	Soil	6/24/2009
SA202-0.0	040815042	Soil	6/16/2008
SA202-0.5B	R0903051	Soil	6/4/2009
SA202-0.5B	230756	Soil	6/4/2009
SA202-10B	R0903584	Soil	6/25/2009
SA202-10B	232395	Soil	6/25/2009
SA202-28B	R0903584	Soil	6/25/2009
SA202-28B	232395	Soil	6/25/2009
SA206-0.0	040815201	Soil	6/17/2008
SA206-0.5B	R0903729	Soil	7/6/2009
SA206-0.5B	232860	Soil	7/6/2009
SA206-10B	R0903729	Soil	7/6/2009
SA206-10B	232860	Soil	7/6/2009
SA206-25B	R0903729	Soil	7/6/2009
SA206-25B	232860	Soil	7/6/2009
SA206-30B	R0903729	Soil	7/6/2009
SA206-30B	232860	Soil	7/6/2009
SA207-0.0	040815201	Soil	6/19/2008
SA207-0.5B	211060	Soil	6/30/2008
SA207-0.5B	E0800626	Soil	6/30/2008
SA207-0.5B	K0806117	Soil	6/30/2008
SA207-0.5B	R2844797	Soil	6/30/2008
SA207-10B	211060	Soil	6/30/2008
SA207-10B	K0806117	Soil	6/30/2008
SA207-10B	R2844797	Soil	6/30/2008
SA207-20B	211060	Soil	6/30/2008
SA207-20B	K0806117	Soil	6/30/2008
SA207-20B	R2844797	Soil	6/30/2008
SA207-30B	211412	Soil	7/1/2008
SA207-30B	K0806117	Soil	7/1/2008
SA207-30B	R2844797	Soil	7/1/2008
SA207-40B	211060	Soil	7/1/2008
SA207-40B	K0806117	Soil	7/1/2008
SA207-40B	R2844797	Soil	7/1/2008
SA35-0.0	040815042	Soil	6/16/2008
SA35-0.5B	TRX09061850	Soil	6/9/2009
SA35-0.5B	8304605	Soil	6/10/2009
SA35-0.5B	R0903184	Soil	6/10/2009
SA35-0.5B	231217	Soil	6/10/2009
SA35009-32B	8304612	Soil	7/10/2009
SA35009-32B	R0903866	Soil	7/10/2009
SA35009-32B	233309	Soil	7/10/2009
SA-35009-32B	TRX09071450	Soil	7/10/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
SA35-10B	8304612	Soil	7/10/2009
SA35-10B	R0903866	Soil	7/10/2009
SA35-10B	TRX09071450	Soil	7/10/2009
SA35-10B	233107	Soil	7/10/2009
SA35-20B	R0903866	Soil	7/10/2009
SA35-20B	233107	Soil	7/10/2009
SA35-32B	8304612	Soil	7/10/2009
SA35-32B	R0903866	Soil	7/10/2009
SA35-32B	TRX09071450	Soil	7/10/2009
SA35-32B	233107	Soil	7/10/2009
SA46-0.0	040815201	Soil	6/19/2008
SA46-0.5B	211899	Soil	7/9/2008
SA46-0.5B	E0800649	Soil	7/9/2008
SA46-0.5B	K0806358	Soil	7/9/2008
SA46-0.5B	R2844902	Soil	7/9/2008
SA46-10B	211899	Soil	7/9/2008
SA46-10B	K0806358	Soil	7/9/2008
SA46-10B	R2844902	Soil	7/9/2008
SA46-20B	211899	Soil	7/9/2008
SA46-20B	K0806358	Soil	7/9/2008
SA46-20B	R2844902	Soil	7/9/2008
SA46-30B	211899	Soil	7/9/2008
SA46-30B	K0806358	Soil	7/9/2008
SA46-30B	R2844902	Soil	7/9/2008
SA46-30BD	211899	Soil	7/9/2008
SA46-30BD	K0806358	Soil	7/9/2008
SA46-30BD	R2844902	Soil	7/9/2008
SA47-0.0	040815201	Soil	6/19/2008
SA47-0.5B	211141	Soil	7/7/2008
SA47-0.5B	E0800639	Soil	7/7/2008
SA47-0.5B	K0806216	Soil	7/7/2008
SA47-0.5B	R2844862	Soil	7/7/2008
SA47-10B	211141	Soil	7/8/2008
SA47-10B	K0806216	Soil	7/8/2008
SA47-10B	R2844862	Soil	7/8/2008
SA47-20B	211141	Soil	7/8/2008
SA47-20B	K0806216	Soil	7/8/2008
SA47-20B	R2844862	Soil	7/8/2008
SA47-30B	211141	Soil	7/8/2008
SA47-30B	K0806216	Soil	7/8/2008
SA47-30B	R2844862	Soil	7/8/2008
SA47-35B	211141	Soil	7/8/2008
SA47-35B	K0806216	Soil	7/8/2008
SA47-35B	R2844862	Soil	7/8/2008
SA48-0.0	040815201	Soil	6/18/2008
SA48-0.5B	211899	Soil	7/10/2008
SA48-0.5B	E0800649	Soil	7/10/2008
SA48-0.5B	K0806358	Soil	7/10/2008
SA48-0.5B	R2844902	Soil	7/10/2008
SA48-10B	211899	Soil	7/10/2008
SA48-10B	E0800649	Soil	7/10/2008
SA48-10B	K0806358	Soil	7/10/2008
SA48-10B	R2844902	Soil	7/10/2008
SA48-20B	211899	Soil	7/10/2008
SA48-20B	E0800649	Soil	7/10/2008
SA48-20B	K0806358	Soil	7/10/2008
SA48-20B	R2844902	Soil	7/10/2008
SA48-30B	211899	Soil	7/10/2008

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
SA48-30B	E0800649	Soil	7/10/2008
SA48-30B	K0806358	Soil	7/10/2008
SA48-30B	R2844902	Soil	7/10/2008
SA48-35B	211899	Soil	7/10/2008
SA48-35B	E0800649	Soil	7/10/2008
SA48-35B	K0806358	Soil	7/10/2008
SA48-35B	R2844902	Soil	7/10/2008
SA55-0.0	040815201	Soil	6/18/2008
SA55-0.5B	R0903184	Soil	6/10/2009
SA55-0.5B	231217	Soil	6/10/2009
SA55-10B	R0903970	Soil	7/16/2009
SA55-10B	233612	Soil	7/16/2009
SA55-25B	R0903866	Soil	7/14/2009
SA55-25B	233309	Soil	7/14/2009
SA55-25B	R0903970	Soil	7/16/2009
SA55-25B	233612	Soil	7/16/2009
SA55-35B	R0903866	Soil	7/14/2009
SA55-35B	233309	Soil	7/14/2009
SA55-35B	R0903970	Soil	7/16/2009
SA55-35B	233612	Soil	7/16/2009
SA56-0.0	040815042	Soil	6/16/2008
SA56-0.5B	R0903184	Soil	6/10/2009
SA56-0.5B	231217	Soil	6/10/2009
SA56-10B	R0904016	Soil	7/21/2009
SA56-10B	233612	Soil	7/21/2009
SA56-10BSPLP	233413	SPLP	7/21/2009
SA56-10BSPLP	233415	SPLP	7/21/2009
SA56-10BSPLP2	R0904084	SPLP	7/21/2009
SA56-10BSPLP3	R0904084	SPLP	7/21/2009
SA56-25B	R0904016	Soil	7/21/2009
SA56-25B	233612	Soil	7/21/2009
SA56-37B	R0904016	Soil	7/21/2009
SA56-37B	233612	Soil	7/21/2009
SA57-0.0	040815042	Soil	6/17/2008
SA57-0.5B	211060	Soil	6/26/2008
SA57-0.5B	E0800616	Soil	6/26/2008
SA57-0.5B	K0805780	Soil	6/26/2008
SA57-0.5B	R2844666	Soil	6/26/2008
SA57-10B	211060	Soil	6/26/2008
SA57-10B	E0800616	Soil	6/26/2008
SA57-10B	K0805780	Soil	6/26/2008
SA57-10B	R2844666	Soil	6/26/2008
SA57-10BD	R2844666	Soil	6/26/2008
SA57-20B	211060	Soil	6/26/2008
SA57-20B	E0800616	Soil	6/26/2008
SA57-20B	K0805780	Soil	6/26/2008
SA57-20B	R2844666	Soil	6/26/2008
SA57-30B	211060	Soil	6/26/2008
SA57-30B	E0800616	Soil	6/26/2008
SA57-30B	K0805780	Soil	6/26/2008
SA57-30B	R2844666	Soil	6/26/2008
SA67-0.0	040815201	Soil	6/18/2008
SA67-0.5B	211141	Soil	7/7/2008
SA67-0.5B	E0800640	Soil	7/7/2008
SA67-0.5B	K0806216	Soil	7/7/2008
SA67-0.5B	R2844862	Soil	7/7/2008
SA67-10B	211141	Soil	7/7/2008
SA67-10B	K0806216	Soil	7/7/2008

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
SA67-10B	R2844862	Soil	7/8/2008
SA67-20B	211141	Soil	7/7/2008
SA67-20B	K0806216	Soil	7/7/2008
SA67-20B	R2844862	Soil	7/8/2008
SA67-30B	211141	Soil	7/7/2008
SA67-30B	K0806216	Soil	7/7/2008
SA67-30B	R2844862	Soil	7/8/2008
SA67-35B	211141	Soil	7/7/2008
SA67-35B	K0806216	Soil	7/7/2008
SA67-35B	R2844862	Soil	7/8/2008
SA69-0.0	040815201	Soil	6/18/2008
SA69-0.5B	R0903729	Soil	7/7/2009
SA69-0.5B	232860	Soil	7/7/2009
SA69-10B	R0903729	Soil	7/7/2009
SA69-10B	232860	Soil	7/7/2009
SA69-29B	R0903729	Soil	7/7/2009
SA69-29B	232860	Soil	7/7/2009
SA74-0.0	040814617	Soil	6/12/2008
SA74-0.5B	R0903970	Soil	7/15/2009
SA74-0.5B	233309	Soil	7/15/2009
SA74009-0.5B	R0903970	Soil	7/15/2009
SA74009-0.5B	233309	Soil	7/15/2009
SA74-10B	R0903970	Soil	7/15/2009
SA74-10B	233309	Soil	7/15/2009
SA74-29B	R0903970	Soil	7/15/2009
SA74-29B	233309	Soil	7/15/2009
SA75-0.0	040814617	Soil	6/12/2008
SA75-0.5B	R0904016	Soil	7/17/2009
SA75-0.5B	233612	Soil	7/17/2009
SA75-10B	R0904016	Soil	7/17/2009
SA75-10B	233612	Soil	7/17/2009
SA75-28B	R0904016	Soil	7/17/2009
SA75-28B	233612	Soil	7/17/2009
SA76-0.0	040815201	Soil	6/17/2008
SA76-0.5B	R0903051	Soil	6/3/2009
SA76-0.5B	230756	Soil	6/3/2009
SA76009-0.5B	R0903051	Soil	6/3/2009
SA76009-0.5B	230756	Soil	6/3/2009
SA76-10B	R0904016	Soil	7/17/2009
SA76-10B	233612	Soil	7/17/2009
SA76-20B	R0904016	Soil	7/17/2009
SA76-20B	233612	Soil	7/17/2009
SA82-0.0	040815042	Soil	6/16/2008
SA82-0.5B	8304610	Soil	7/1/2009
SA82-0.5B	R0903678	Soil	7/1/2009
SA82-0.5B	TRX09070755	Soil	7/1/2009
SA82-0.5B	232528	Soil	7/1/2009
SA82-10B	8304610	Soil	7/1/2009
SA82-10B	R0903678	Soil	7/1/2009
SA82-10B	TRX09070755	Soil	7/1/2009
SA82-10B	232528	Soil	7/1/2009
SA82-29B	8304610	Soil	7/1/2009
SA82-29B	R0903678	Soil	7/1/2009
SA82-29B	TRX09070755	Soil	7/1/2009
SA82-29B	232727	Soil	7/1/2009
SA85-0.0	040815201	Soil	6/18/2008
SA85-0.5B	8304606	Soil	6/16/2009
SA85-0.5B	R0903340	Soil	6/16/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
SA85-0.5B	TRX09061850	Soil	6/16/2009
SA85-0.5B	231217	Soil	6/16/2009
SA85-10B	R0903820	Soil	7/9/2009
SA85-10B	233107	Soil	7/9/2009
SA85-20B	R0903820	Soil	7/9/2009
SA85-20B	233107	Soil	7/9/2009
SA85-33B	8304612	Soil	7/9/2009
SA85-33B	R0903820	Soil	7/9/2009
SA85-33B	TRX09071450	Soil	7/9/2009
SA85-33B	233107	Soil	7/9/2009
SA87-0.0	040815201	Soil	6/18/2008
SA87-0.5B	211060	Soil	6/25/2008
SA87-0.5B	E0800616	Soil	6/25/2008
SA87-0.5B	K0805780	Soil	6/25/2008
SA87-0.5B	R2844666	Soil	6/25/2008
SA87-10B	211060	Soil	6/25/2008
SA87-10B	K0805780	Soil	6/25/2008
SA87-10B	R2844666	Soil	6/25/2008
SA87-20B	211060	Soil	6/25/2008
SA87-20B	K0805780	Soil	6/25/2008
SA87-20B	R2844666	Soil	6/25/2008
SA87-25B	211060	Soil	6/25/2008
SA87-25B	K0805780	Soil	6/25/2008
SA87-25B	R2844666	Soil	6/25/2008
SA87-30B	211060	Soil	6/25/2008
SA87-30B	K0805780	Soil	6/25/2008
SA87-30B	R2844666	Soil	6/25/2008
SA88-0.0	040815042	Soil	6/16/2008
SA88-0.5B	R0903051	Soil	6/4/2009
SA88-0.5B	230756	Soil	6/4/2009
SA88-0.5B	R0905717	Soil	10/6/2009
SA88-10B	R0903678	Soil	7/2/2009
SA88-10B	232727	Soil	7/2/2009
SA88-20B	R0903678	Soil	7/2/2009
SA88-20B	232727	Soil	7/2/2009
SA88-32B	R0903678	Soil	7/2/2009
SA88-32B	232727	Soil	7/2/2009
TB060109-001	R0903051	Water	6/1/2009
TB060209-SO1	R0903051	Water	6/2/2009
TB060309-SO1	R0903051	Water	6/3/2009
TB060309-SO2	R0903051	Water	6/3/2009
TB060409-SO1	R0903184	Water	6/5/2009
TB061009-SO1	R0903184	Water	6/10/2009
TB061109-SO1	R0903184	Water	6/11/2009
TB061609-SO1	R0903340	Water	6/16/2009
TB062409-SO2	R0903443	Water	6/24/2009
TB062508SB2	R2844666	Water	6/25/2008
TB062509-SO1	R0903584	Water	6/25/2009
TB062608SB2	R2844666	Water	6/26/2008
TB062609-SO2	R0903584	Water	6/26/2009
TB062909-SO2	R0903615	Water	6/29/2009
TB063009-SO2	R0903584	Water	6/30/2009
TB070109-SO2	R0903678	Water	7/1/2009
TB070209-S1	R0903678	Water	7/2/2009
TB070209-S2	R0903678	Water	7/2/2009
TB0702209-SO	R0904102	Water	7/22/2009
TB070609-SO	R0903729	Water	7/6/2009
TB070709-S1	R0903729	Water	7/7/2009

**Table 1-2
Field Sample IDs and Laboratory SDGs**

Field Sample ID	Laboratory SDG	Matrix	Collection Date
TB070808SB1	R2844862	Water	7/8/2008
TB070808SB2	R2844862	Water	7/7/2008
TB070808SB2	R2844885	Water	7/8/2008
TB070809-S1	R0903820	Water	7/8/2009
TB070908SB1	R2844885	Water	7/9/2008
TB070909-SO1	R0903820	Water	7/9/2009
TB070909-SO1	R0903866	Water	7/10/2009
TB071008SB1	R2844902	Water	7/10/2008
TB071008SB2	R2844902	Water	7/10/2008
TB071008SB2	R2844922	Water	7/10/2008
TB071108SB1	R2844922	Water	7/11/2008
TB071309-S1	R0903866	Water	7/13/2009
TB071409-SO1	R0903866	Water	7/14/2009
TB071509-SO	R0903970	Water	7/15/2009
TB071609-SO1	R0903970	Water	7/16/2009
TB071709-SO1	R0904016	Water	7/17/2009
TB072009-SO1	R0904016	Water	7/20/2009
TB072109-SO1	R0904016	Water	7/21/2009
TB072409-SO1	R0904102	Water	7/24/2009
TB072409-SO2	R0904102	Water	7/24/2009
TB073109-SO1	R0904279	Water	7/31/2009
TB073109-SO2	R0904279	Water	7/31/2009
TB080609-S1	R0904426	Water	8/6/2009

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844666										LDC Rpt 21257C					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
SA87-0.5B	1112361	soil	6/25/2008	X		X			X						
SA87-10B	1112362	soil	6/25/2008	X					X						
SA87-20B	1112363	soil	6/25/2008	X					X						
SA87-30B	1112364	soil	6/25/2008	X					X						
SA87-25B	1112365	soil	6/25/2008	X					X						
TB062508SB 2	1112366	water	6/25/2008	X											
SA180-0.5B	1113245	soil	6/26/2008	X	X	X	X		X						
SA180-0.5BDL	1113245DL	soil	6/26/2008			X									
SA180-0.5BD	1113249	soil	6/26/2008	X	X	X	X		X						
SA180-0.5BDDL1	1113249DL1	soil	6/26/2008			X									
SA180-0.5BDDL2	1113249DL2	soil	6/26/2008			X									
SA180-10B	1113250	soil	6/26/2008	X	X	X	X		X						
SA180-10BDL	1113250DL	soil	6/26/2008		X										
SA180-20B	1113254	soil	6/26/2008	X	X	X	X		X						
SA180-30B	1113255	soil	6/26/2008	X	X	X	X		X						
SA180-30BDL	1113255DL	soil	6/26/2008	X											
SA57-0.5B	1113256	soil	6/26/2008	X	X	X	X	X	X						
SA57-0.5BDL	1113256DL	soil	6/26/2008			X									
SA57-10B	1113257	soil	6/26/2008	X	X	X	X	X	X						
SA57-20B	1113258	soil	6/26/2008	X	X	X	X	X	X						
SA57-20BDL	1113258DL	soil	6/26/2008	X	X										
SA57-30B	1113259	soil	6/26/2008	X	X	X	X	X	X						
SA57-30BDL	1113259DL	soil	6/26/2008	X											

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844666										LDC Rpt 21257C					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
TB062608SB 2	1113260	water	6/26/2008	X											
SA57-10BD	1113262	soil	6/26/2008	X	X	X	X	X	X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG R2844666										LDC Rpt 21257C					
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1M)	Br Cl,SO4 (9056)	NO3-N NO2-N (9056)	CN- (9012)	pH (9045)	MBAS (5540C)	Cr(VI) (7199)	T Phos. (365.1)	% Solids (160.3)	TOC (L/K)	
SA87-0.5B	1112361	soil	6/25/2008	X	X	X	X	X	X	X	X	X	X	X	
SA87-10B	1112362	soil	6/25/2008	X	X	X	X	X	X	X	X	X	X	X	
SA87-20B	1112363	soil	6/25/2008	X	X	X	X	X	X	X	X	X	X	X	
SA87-30B	1112364	soil	6/25/2008	X	X	X	X	X	X	X	X	X	X	X	
SA87-25B	1112365	soil	6/25/2008	X	X	X	X	X	X	X	X	X	X	X	
SA180-0.5B	1113245	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA180-0.5BD	1113249	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA180-10B	1113250	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA180-20B	1113254	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA180-30B	1113255	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA57-0.5B	1113256	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA57-10B	1113257	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA57-20B	1113258	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA57-30B	1113259	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	
SA57-10BD	1113262	soil	6/26/2008	X	X	X	X	X	X	X	X	X	X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844797										LDC Rpt 21257E					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
SA207-0.5B	1114366	soil	6/30/2008	X	X	X			X						
SA207-0.5BDL	1114366DL	soil	6/30/2008	X	X	X									
SA207-10B	1114376	soil	6/30/2008	X	X	X			X						
SA207-10BDL	1114376DL	soil	6/30/2008	X											
SA207-10BRE	1114376DL	soil	6/30/2008		X										
SA207-20B	1114379	soil	6/30/2008	X	X	X			X						
SA207-30B	1114380	soil	7/1/2008	X	X	X			X						
SA207-40B	1114382	soil	7/1/2008	X	X	X			X						
SA181-0.5B	1114714	soil	7/2/2008	X	X	X			X						
SA181-10B	1114715	soil	7/2/2008	X	X				X						
SA181-20B	1114716	soil	7/2/2008	X	X				X						
SA181-30B	1114717	soil	7/2/2008	X	X				X						
SA181-30BDL	1114717DL	soil	7/2/2008	X											
SA181-35B	1114718	soil	7/2/2008	X	X	X			X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844797													LDC Rpt 21257E		
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1M)	Br Cl,SO4 (9056)	NO3-N NO2-N (9056)	CN- (9012)	pH (9045)	MBAS (5540C)	Cr(VI) (7199)	T Phos. (365.1)	% Solids (160.3)	TOC (L/K)	
SA207-0.5B	1114366	soil	6/30/2008	X	X	X	X	X	X	X	X	X	X	X	
SA207-10B	1114376	soil	6/30/2008	X	X	X	X	X	X	X	X	X	X	X	
SA207-20B	1114379	soil	6/30/2008	X	X	X	X	X	X	X	X	X	X	X	
SA207-30B	1114380	soil	7/1/2008	X	X	X	X	X	X	X	X	X	X	X	
SA207-40B	1114382	soil	7/1/2008	X	X	X	X	X	X	X	X	X	X	X	
SA181-0.5B	1114714	soil	7/2/2008	X	X	X	X	X	X	X	X	X	X	X	
SA181-10B	1114715	soil	7/2/2008	X	X	X	X	X	X	X	X	X	X	X	
SA181-20B	1114716	soil	7/2/2008	X	X	X	X	X	X	X	X	X	X	X	
SA181-30B	1114717	soil	7/2/2008	X	X	X	X	X	X	X	X	X	X	X	
SA181-35B	1114718	soil	7/2/2008	X	X	X	X	X	X	X	X	X	X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844862										LDC Rpt 21257G					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
SA47-0.5B	1115724	soil	7/7/2008	X	X	X			X						
SA47-0.5BRE	1115724RE	soil	7/7/2008						X						
SA47-10B	1115725	soil	7/8/2008	X	X	X			X						
SA47-20B	1115726	soil	7/8/2008	X	X	X			X						
SA47-30B	1115727	soil	7/8/2008	X	X	X			X						
SA47-35B	1115730	soil	7/8/2008	X	X	X			X						
SA47-35BRE	1115730RE	soil	7/8/2008			X									
SA183-0.5B	1115731	soil	7/8/2008	X	X	X			X						
SA67-0.5B	1115732	soil	7/7/2008	X	X	X									
SA67-0.5BDL	1115732DL	soil	7/7/2008			X									
SA67-10B	1115733	soil	7/8/2008	X	X	X									
SA67-20B	1115734	soil	7/8/2008	X	X	X									
SA67-30B	1115735	soil	7/8/2008	X	X	X									
SA67-35B	1115736	soil	7/8/2008	X	X	X									
RSAN2-0.5B	1115737	soil	7/8/2008	X	X	X	X		X						
RSAN2-10B	1115738	soil	7/8/2008	X	X	X	X		X						
RSAN2-20B	1115739	soil	7/8/2008	X	X	X	X		X						
TB070808SB 1	1115740	water	7/8/2008	X											
TB070808SB 2	1115741	water	7/7/2008	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844862													LDC Rpt 21257G		
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1M)	Br Cl,SO4 (9056)	NO3-N NO2-N (9056)	CN- (9012)	pH (9045)	MBAS (5540C)	Cr(VI) (7199)	T Phos. (365.1)	% Solids (160.3)	TOC (L/K)	
SA47-0.5B	1115724	soil	7/7/2008	X	X	X	X	X	X	X	X	X	X	X	
SA47-10B	1115725	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA47-20B	1115726	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA47-30B	1115727	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA47-35B	1115730	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA183-0.5B	1115731	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA67-0.5B	1115732	soil	7/7/2008	X	X	X	X	X	X	X	X	X	X	X	
SA67-10B	1115733	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA67-20B	1115734	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA67-30B	1115735	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
SA67-35B	1115736	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAN2-0.5B	1115737	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAN2-10B	1115738	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAN2-20B	1115739	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844885										LDC Rpt 212571					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
RSAN2-30B	1116251	soil	7/8/2008	X	X		X		X						
RSAN2-30BD	1116253	soil	7/8/2008	X	X		X		X						
RSAN2-30BDDL	1116253DL	soil	7/8/2008	X											
RSAN2-35B	1116254	soil	7/8/2008	X	X	X	X		X						
RSAO2-0.5B	1116255	soil	7/9/2008	X	X	X	X	X	X						
RSAO2-0.5BDL	1116255DL	soil	7/9/2008			X									
RSAO2-10B	1116256	soil	7/9/2008	X	X	X	X	X	X						
RSAO2-20B	1116257	soil	7/9/2008	X	X	X	X	X	X						
RSAO2-20BDL	1116257DL	soil	7/9/2008	X											
RSAO2-20BD	1116258	soil	7/9/2008	X	X	X	X	X	X						
RSAO2-20BDDL	1116258DL	soil	7/9/2008	X											
RSAO2-30B	1116264	soil	7/9/2008	X	X	X	X	X	X						
RSAO2-30BDL	1116264DL	soil	7/9/2008	X											
RSAO2-33B	1116265	soil	7/9/2008	X	X	X	X	X	X						
SA183-10B	1116267	soil	7/8/2008	X	X				X						
SA183-10BD	1116269	soil	7/8/2008	X	X				X						
SA183-20B	1116271	soil	7/8/2008	X	X				X						
SA183-30B	1116273	soil	7/8/2008	X	X				X						
SA183-33B	1116274	soil	7/8/2008	X	X	X			X						
RSA04-0.5B	1116275	soil	7/9/2008	X	X	X	X		X						

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844885										LDC Rpt 21257I					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
RSA04-10B	1116276	soil	7/9/2008	X	X		X		X						
RSA04-20B	1116277	soil	7/9/2008	X	X		X		X						
RSA04-30B	1116278	soil	7/9/2008	X	X		X		X						
RSA04-36B	1116279	soil	7/9/2008	X	X	X	X		X						
TB070808SB 2	1116280	water	7/8/2008	X											
TB070908SB 1	1116281	water	7/9/2008	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844885													LDC Rpt 212571			
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1M)	Br Cl,SO4 (9056)	NO3-N NO2-N (9056)	CN- (9012)	pH (9045)	MBAS (5540C)	Cr(VI) (7199)	T Phos. (365.1)	% Solids (160.3)	TOC (L/K)		
RSAN2-30B	1116251	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAN2-30BD	1116253	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAN2-35B	1116254	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAO2-0.5B	1116255	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAO2-10B	1116256	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAO2-20B	1116257	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAO2-20BD	1116258	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAO2-30B	1116264	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAO2-33B	1116265	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
SA183-10B	1116267	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
SA183-10BD	1116269	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
SA183-20B	1116271	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
SA183-30B	1116273	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
SA183-33B	1116274	soil	7/8/2008	X	X	X	X	X	X	X	X	X	X	X		
RSA04-0.5B	1116275	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSA04-10B	1116276	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSA04-20B	1116277	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSA04-30B	1116278	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		
RSA04-36B	1116279	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844902				LDC Rpt 21257J											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
SA46-0.5B	1116802	soil	7/9/2008	X	X	X			X						
SA46-10B	1116803	soil	7/9/2008	X	X				X						
SA46-20B	1116804	soil	7/9/2008	X	X				X						
SA46-30B	1116805	soil	7/9/2008	X	X	X			X						
SA46-30BD	1116806	soil	7/9/2008	X	X	X			X						
SA48-0.5B	1116807	soil	7/10/2008	X	X	X	X	X	X						
SA48-10B	1116808	soil	7/10/2008	X	X	X	X	X	X						
SA48-20B	1116809	soil	7/10/2008	X	X	X	X	X	X						
SA48-20BDL	1116809DL	soil	7/10/2008			X									
SA48-30B	1116810	soil	7/10/2008	X	X	X	X	X	X						
SA48-35B	1116811	soil	7/10/2008	X	X	X	X	X	X						
SA48-35BDL	1116811DL	soil	7/10/2008	X											
RSAJ7-0.5B	1116812	soil	7/9/2008	X	X	X			X						
RSAJ7-0.5BDL	1116812DL	soil	7/9/2008		X										
RSAJ7-10B	1116813	soil	7/9/2008	X	X	X			X						
RSAJ7-10BDL	1116813DL	soil	7/9/2008			X									
RSAJ7-20B	1116814	soil	7/9/2008	X	X	X			X						
RSAK7-0.5B	1116815	soil	7/10/2008	X	X	X			X						
RSAK7-0.5BDL	1116815DL	soil	7/10/2008		X										
RSAK7-10B	1116816	soil	7/10/2008	X	X	X			X						
RSAK7-10BD	1116817	soil	7/10/2008	X	X	X			X						
RSAK7-20B	1116818	soil	7/10/2008	X	X	X			X						
RSAK7-27B	1116819	soil	7/10/2008	X	X	X			X						

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844902										LDC Rpt 21257J					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	GRO (8015B)	TPH-E (8015B)						
TB071008SB 1	1116820	water	7/10/2008	X											
TB071008SB 2	1116821	water	7/10/2008	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG R2844902										LDC Rpt 21257J					
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1M)	Br Cl,SO4 (9056)	NO3-N NO2-N (9056)	CN- (9012)	pH (9045)	MBAS (5540C)	Cr(VI) (7199)	T Phos. (365.1)	% Solids (160.3)	TOC (L/K)	
SA46-0.5B	1116802	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
SA46-10B	1116803	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
SA46-20B	1116804	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
SA46-30B	1116805	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
SA46-30BD	1116806	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
SA48-0.5B	1116807	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
SA48-10B	1116808	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
SA48-20B	1116809	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
SA48-30B	1116810	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
SA48-35B	1116811	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAJ7-0.5B	1116812	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAJ7-10B	1116813	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAJ7-20B	1116814	soil	7/9/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAK7-0.5B	1116815	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAK7-10B	1116816	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAK7-10BD	1116817	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAK7-20B	1116818	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	
RSAK7-27B	1116819	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844922				LDC Rpt 21257K													
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	TPH-E (8015B)										
RSAJ8-0.5B	1117272	soil	7/10/2008	X	X	X	X										
RSAJ8-0.5BDL	1117272DL	soil	7/10/2008		X	X											
RSAJ8-10B	1117273	soil	7/10/2008	X	X	X	X										
RSAJ8-20B	1117274	soil	7/10/2008	X	X	X	X										
RSAJ8-30B	1117275	soil	7/11/2008	X	X	X	X										
RSAJ8-33B	1117276	soil	7/11/2008	X	X	X	X										
RSAI7-0.5B	1117277	soil	7/11/2008	X	X	X	X										
RSAI7-10B	1117278	soil	7/11/2008	X	X	X	X										
RSAI7-20B	1117279	soil	7/11/2008	X	X	X	X										
RSAI7-30B	1117280	soil	7/11/2008	X	X	X	X										
RSAI7-30BRE	1117280RE	soil	7/11/2008	X													
RSAL2-0.5B	1117281	soil	7/10/2008	X	X	X	X										
RSAL2-0.5BDL	1117281DL	soil	7/10/2008		X	X											
RSAL2-10B	1117282	soil	7/11/2008	X	X	X	X										
RSAL2-10BDL	1117282DL	soil	7/11/2008		X												
RSAL2-20B	1117283	soil	7/11/2008	X	X	X	X										
RSAL2-20BD	1117284	soil	7/11/2008	X	X	X	X										
RSAL2-20BDDL	1117284DL	soil	7/11/2008		X												
RSAL2-30B	1117285	soil	7/11/2008	X	X	X	X										
RSAL2-30BDL	1117285DL	soil	7/11/2008	X													
RSAL2-37B	1117286	soil	7/11/2008	X	X	X	X										
RSAL2-40B	1117287	soil	7/11/2008	X	X	X	X										
RSAL2-40BDL	1117287DL	soil	7/11/2008	X													

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844922				LDC Rpt 21257K													
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	TPH-E (8015B)										
RSAK2-0.5B	1117288	soil	7/11/2008	X	X	X	X										
RSAK2-0.5BRE	1117288RE	soil	7/11/2008	X													
RSAK2-10B	1117289	soil	7/11/2008	X	X	X	X										
RSAK2-20B	1117290	soil	7/11/2008	X	X	X	X										
RSAK2-20BD	1117291	soil	7/11/2008	X	X	X	X										
RSAK2-20BDDL	1117291DL	soil	7/11/2008		X												
RSAK2-30B	1117292	soil	7/11/2008	X	X	X	X										
RSAK2-35B	1117293	soil	7/11/2008	X	X	X	X										
TB071008SB 2	1117294	water	7/10/2008	X													
TB071108SB 1	1117295	water	7/11/2008	X													
RSA17-32B	1118590	soil	7/11/2008	X	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2844922													LDC Rpt 21257K			
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1M)	Br Cl,SO4 (9056)	NO3-N NO2-N (9056)	CN- (9012)	pH (9045)	MBAS (5540C)	Cr(VI) (7199)	T. Phos. (365.1)	% Solids (160.3)	TOC (L/K)		
RSAJ8-0.5B	1117272	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAJ8-10B	1117273	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAJ8-20B	1117274	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAJ8-30B	1117275	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAJ8-33B	1117276	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAI7-0.5B	1117277	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAI7-10B	1117278	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAI7-20B	1117279	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAI7-30B	1117280	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAL2-0.5B	1117281	soil	7/10/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAL2-10B	1117282	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAL2-20B	1117283	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAL2-20BD	1117284	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAL2-30B	1117285	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAL2-37B	1117286	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAL2-40B	1117287	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAK2-0.5B	1117288	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAK2-10B	1117289	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAK2-20B	1117290	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAK2-20BD	1117291	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAK2-30B	1117292	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSAK2-35B	1117293	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		
RSA17-32B	1118590	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R2845025*				LDC Rpt 21257L											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	TPH-E (8015B)	Alk. (2320B)	NH3-N (350.1M)	Br Cl,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS
RSAI7-10B(119156)	119156	soil	7/11/2008		X	X	X	X	X	X	X	X	X	X	X
RSAI7-10B(119157)	119157	soil	7/11/2008	X	X	X	X	X	X	X	X	X	X	X	X
RSAI7-10B(119157) RE	119157RE	soil	7/11/2008				X								

* Samples in this SDG underwent SPLP extraction
Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800616				LDC Rpt 21257M											
Sample ID	Lab ID	Matrix	Date Collected	PCB Cong (1668A)											
SA180-0.5B	E0800616-001	soil	6/26/2008	X											
SA180-10B	E0800616-002	soil	6/26/2008	X											
SA180-20B	E0800616-003	soil	6/26/2008	X											
SA180-30B	E0800616-004	soil	6/26/2008	X											
SA57-0.5B	E0800616-005	soil	6/26/2008	X											
SA57-10B	E0800616-006	soil	6/26/2008	X											
SA57-20B	E0800616-007	soil	6/26/2008	X											
SA57-30B	E0800616-008	soil	6/26/2008	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG E0800626					LDC Rpt 21257N											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
SA207-0.5B	E0800626-001	soil	6/30/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800632					LDC Rpt 21257O											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
SA181-0.5B	E0800632-001	soil	7/2/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800639					LDC Rpt 21257P											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
SA47-0.5B	E0800639-001	soil	7/7/2008	X												
SA183-0.5B	E0800639-002	soil	7/8/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800640					LDC Rpt 21257Q											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
SA67-0.5B	E0800640-001	soil	7/7/2008	X												
RSAN2-0.5B	E0800640-002	soil	7/8/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG E0800645					LDC Rpt 21257R											
Sample ID	Lab ID	Matrix	Date Collected	PCB Cong (1668A)												
RSA04-0.5B	E0800645-001	soil	7/9/2008	X												
RSA04-10B	E0800645-002	soil	7/9/2008	X												
RSA04-20B	E0800645-003	soil	7/9/2008	X												
RSA04-30B	E0800645-004	soil	7/9/2008	X												
RSA04-36B	E0800645-005	soil	7/9/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800646					LDC Rpt 21257S											
Sample ID	Lab ID	Matrix	Date Collected	PCB Cong (1668A)												
RSAN2-30B	E0800646-001	soil	7/8/2008	X												
RSAN2-30BD	E0800646-002	soil	7/8/2008	X												
RSAN2-35B	E0800646-003	soil	7/8/2008	X												
RSAO2-0.5B	E0800646-004	soil	7/9/2008	X												
RSAO2-10B	E0800646-005	soil	7/9/2008	X												
RSAO2-20B	E0800646-006	soil	7/9/2008	X												
RSAO2-20BD	E0800646-007	soil	7/9/2008	X												
RSAO2-30B	E0800646-008	soil	7/9/2008	X												
RSAO2-33B	E0800646-009	soil	7/9/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG E0800649					LDC Rpt 21257T											
Sample ID	Lab ID	Matrix	Date Collected	PCB Cong (1668A)												
SA48-0.5B	E0800649-002	soil	7/10/2008	X												
SA48-10B	E0800649-003	soil	7/10/2008	X												
SA48-20B	E0800649-004	soil	7/10/2008	X												
SA48-30B	E0800649-005	soil	7/10/2008	X												
SA48-35B	E0800649-006	soil	7/10/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800661					LDC Rpt 21257U											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
RSAJ8-0.5B	E0800661-001	soil	7/10/2008	X												
RSAI7-0.5B	E0800661-002	soil	7/10/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800662					LDC Rpt 21257V											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
RSAL2-0.5B	E0800662-002	soil	7/10/2008	X												
RSAL2-0.5B	E0800662-003	soil	7/10/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0805780							LDC Rpt 21257Y							
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Clorate (300.1)	CLO4 (314)								
SA87-0.5B	K0805780-001	soil	6/26/2008	X	X	X								
SA87-10B	K0805780-002	soil	6/26/2008	X	X	X								
SA87-20B	K0805780-003	soil	6/26/2008	X	X	X								
SA87-30B	K0805780-004	soil	6/26/2008	X	X	X								
SA87-25B	K0805780-005	soil	6/26/2008	X	X	X								
SA180-0.5B	K0805780-006	soil	6/26/2008	X	X	X								
SA180-10B	K0805780-007	soil	6/26/2008	X	X	X								
SA180-20B	K0805780-008	soil	6/26/2008	X	X	X								
SA180-30B	K0805780-009	soil	6/26/2008	X	X	X								
SA57-0.5B	K0805780-010	soil	6/26/2008	X	X	X								
SA57-10B	K0805780-011	soil	6/26/2008	X	X	X								
SA57-20B	K0805780-012	soil	6/26/2008	X	X	X								
SA57-30B	K0805780-013	soil	6/26/2008	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0806117							LDC Rpt 21258A							
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Clorate (300.1)	CLO4 (314)								
SA207-0.5B	K0806117-001	soil	6/30/2008	X	X	X								
SA207-10B	K0806117-002	soil	6/30/2008	X	X	X								
SA207-20B	K0806117-003	soil	6/30/2008	X	X	X								
SA207-30B	K0806117-004	soil	7/1/2008	X	X	X								
SA207-40B	K0806117-005	soil	7/1/2008	X	X	X								
SA181-0.5B	K0806117-006	soil	7/2/2008	X	X	X								
SA181-10B	K0806117-007	soil	7/2/2008	X	X	X								
SA181-20B	K0806117-008	soil	7/2/2008	X	X	X								
SA181-30B	K0806117-009	soil	7/2/2008	X	X	X								
SA181-35B	K0806117-010	soil	7/2/2008	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0806216							LDC Rpt 21258C							
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Chlorate (300.1)	CLO4 (314)								
SA67-.5B	K0806216-001	soil	7/7/2008	X	X	X								
SA67-10B	K0806216-002	soil	7/7/2008	X	X	X								
SA67-20B	K0806216-003	soil	7/7/2008	X	X	X								
SA67-30B	K0806216-004	soil	7/7/2008	X	X	X								
SA67-35B	K0806216-005	soil	7/7/2008	X	X	X								
RSAN2-0.5B	K0806216-006	soil	7/8/2008	X	X	X								
RSAN2-10B	K0806216-007	soil	7/8/2008	X	X	X								
RSAN2-20B	K0806216-008	soil	7/8/2008	X	X	X								
SA47-0.5B	K0806216-009	soil	7/7/2008	X	X	X								
SA47-10B	K0806216-010	soil	7/8/2008	X	X	X								
SA47-20B	K0806216-011	soil	7/8/2008	X	X	X								
SA47-30B	K0806216-012	soil	7/8/2008	X	X	X								
SA47-35B	K0806216-013	soil	7/8/2008	X	X	X								
SA183-0.5B	K0806216-014	soil	7/8/2008	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0806275							LDC Rpt 21258E							
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Chlorate (9056)	CLO4 (314)								
SA183-10B	K0806275-001	soil	7/8/2008	X	X	X								
SA183-10BD	K0806275-002	soil	7/8/2008	X	X	X								
SA183-20B	K0806275-003	soil	7/8/2008	X	X	X								
SA183-30B	K0806275-004	soil	7/8/2008	X	X	X								
SA183-33B	K0806275-005	soil	7/8/2008	X	X	X								
RSA04-0.5B	K0806275-006	soil	7/9/2008	X	X	X								
RSA04-10B	K0806275-007	soil	7/9/2008	X	X	X								
RSA04-20B	K0806275-008	soil	7/9/2008	X	X	X								
RSA04-30B	K0806275-009	soil	7/9/2008	X	X	X								
RSA04-36B	K0806275-010	soil	7/9/2008	X	X	X								
RSAN2-30B	K0806275-011	soil	7/8/2008	X	X	X								
RSAN2-30BD	K0806275-012	soil	7/8/2008	X	X	X								
RSAN2-35B	K0806275-013	soil	7/8/2008	X	X	X								
RSA02-0.5B	K0806275-014	soil	7/9/2008	X	X	X								
RSA02-10B	K0806275-015	soil	7/9/2008	X	X	X								
RSA02-20B	K0806275-016	soil	7/9/2008	X	X	X								
RSA02-20BD	K0806275-017	soil	7/9/2008	X	X	X								
RSA02-30B	K0806275-018	soil	7/9/2008	X	X	X								
RSA02-33B	K0806275-019	soil	7/9/2008	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0806357							LDC Rpt 21258F							
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Chlorate (300.1)	CLO4 (314)								
RSAL2-0.5B	K0806357-001	soil	7/10/2008	X	X	X								
RSAL2-10B	K0806357-002	soil	7/11/2008	X	X	X								
RSAL2-20B	K0806357-003	soil	7/11/2008	X	X	X								
RSAL2-20BD	K0806357-004	soil	7/11/2008	X	X	X								
RSAL2-30B	K0806357-005	soil	7/11/2008	X	X	X								
RSAL2-37B	K0806357-006	soil	7/11/2008	X	X	X								
RSAL2-40B	K0806357-007	soil	7/11/2008	X	X	X								
RSAK2-0.5B	K0806357-008	soil	7/11/2008	X	X	X								
RSAK2-10B	K0806357-009	soil	7/11/2008	X	X	X								
RSAK2-20B	K0806357-010	soil	7/11/2008	X	X	X								
RSAK2-20BD	K0806357-011	soil	7/11/2008	X	X	X								
RSAK2-30B	K0806357-012	soil	7/11/2008	X	X	X								
RSAK2-35B	K0806357-013	soil	7/11/2008	X	X	X								
RSAJ8-0.5B	K0806357-014	soil	7/10/2008	X	X	X								
RSAJ8-10B	K0806357-015	soil	7/10/2008	X	X	X								
RSAJ8-20B	K0806357-016	soil	7/10/2008	X	X	X								
RSAJ8-30B	K0806357-017	soil	7/11/2008	X	X	X								
RSAJ8-33B	K0806357-018	soil	7/11/2008	X	X	X								
RSAl7-0.5B	K0806357-019	soil	7/11/2008	X	X	X								

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0806357				LDC Rpt 21258F												
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Chlorate (300.1)	CLO4 (314)										
RSAI7-10B	K0806357-020	soil	7/11/2008	X	X	X										
RSAI7-20B	K0806357-021	soil	7/11/2008	X	X	X										
RSAI7-30B	K0806357-022	soil	7/11/2008	X	X	X										
RSAI7-32B	K0806357-023	soil	7/11/2008	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0806358							LDC Rpt 21258G							
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Chlorate (300.1)	CLO4 (314)								
SA46-0.5B	K0806358-001	soil	7/9/2008	X	X	X								
SA46-10B	K0806358-002	soil	7/9/2008	X	X	X								
SA46-20B	K0806358-003	soil	7/9/2008	X	X	X								
SA46-30B	K0806358-004	soil	7/9/2008	X	X	X								
SA46-30BD	K0806358-005	soil	7/9/2008	X	X	X								
SA48-0.5B	K0806358-006	soil	7/10/2008	X	X	X								
SA48-10B	K0806358-007	soil	7/10/2008	X	X	X								
SA48-20B	K0806358-008	soil	7/10/2008	X	X	X								
SA48-30B	K0806358-009	soil	7/10/2008	X	X	X								
SA48-35B	K0806358-010	soil	7/10/2008	X	X	X								
RSAJ7-0.5B	K0806358-011	soil	7/9/2008	X	X	X								
RSAJ7-10B	K0806358-012	soil	7/9/2008	X	X	X								
RSAJ7-20B	K0806358-013	soil	7/9/2008	X	X	X								
RSAK7-0.5B	K0806358-014	soil	7/10/2008	X	X	X								
RSAK7-10B	K0806358-015	soil	7/10/2008	X	X	X								
RSAK7-10BD	K0806358-016	soil	7/10/2008	X	X	X								
RSAK7-20B	K0806358-017	soil	7/10/2008	X	X	X								
RSAK7-27B	K0806358-018	soil	7/10/2008	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG K0806534*							LDC Rpt 21258H								
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Chlorate (300.1)	CLO4 (314)									
RSAI7-10B(K0806534-001)	K0806534-001	soil	7/11/2008	X	X	X									
RSAI7-10B(K0806534-002)	K0806534-002	soil	7/11/2008	X	X	X									

* Samples in this SDG underwent SPLP extraction
 Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 211141				LDC Rpt 212581													
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)										
SA180-10B	211141001	soil	6/26/2008	X	X	X	X										
SA181-0.5B	211141002	soil	7/2/2008	X	X	X	X										
SA181-10B	211141003	soil	7/2/2008	X	X	X	X										
SA181-20B	211141004	soil	7/2/2008	X	X	X	X										
SA181-30B	211141005	soil	7/2/2008	X	X	X	X										
SA181-35B	211141006	soil	7/2/2008	X	X	X	X										
SA67-0.5B	211141007	soil	7/7/2008	X	X	X	X										
SA67-10B	211141008	soil	7/7/2008	X	X	X	X										
SA67-20B	211141009	soil	7/7/2008	X	X	X	X										
SA67-30B	211141010	soil	7/7/2008	X	X	X	X										
SA67-35B	211141011	soil	7/7/2008	X	X	X	X										
RSAN2-0.5B	211141012	soil	7/8/2008	X	X	X	X										
RSAN2-10B	211141013	soil	7/8/2008	X	X	X	X										
RSAN2-20B	211141014	soil	7/8/2008	X	X	X	X										
SA47-0.5B	211141015	soil	7/7/2008	X	X	X	X										
SA47-10B	211141016	soil	7/8/2008	X	X	X	X										
SA47-20B	211141017	soil	7/8/2008	X	X	X	X										
SA47-30B	211141018	soil	7/8/2008	X	X	X	X										
SA47-35B	211141019	soil	7/8/2008	X	X	X	X										
SA183-0.5B	211141020	soil	7/8/2008	X	X	X	X										
SA67-30BRE	211141010RE	soil	7/7/2008	X	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 211060				LDC Rpt 21258K												
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)									
SA87-0.5B	211060001	soil	6/25/2008	X	X	X	X									
SA87-10B	211060002	soil	6/25/2008	X	X	X	X									
SA87-20B	211060003	soil	6/25/2008	X	X	X	X									
SA87-30B	211060004	soil	6/25/2008	X	X	X	X									
SA87-25B	211060005	soil	6/25/2008	X	X	X	X									
SA180-0.5B	211060006	soil	6/26/2008	X	X	X	X									
SA180-20B	211060007	soil	6/26/2008	X	X	X	X									
SA180-30B	211060008	soil	6/26/2008	X	X	X	X									
SA57-0.5B	211060009	soil	6/26/2008	X	X	X	X									
SA57-10B	211060010	soil	6/26/2008	X	X	X	X									
SA57-20B	211060011	soil	6/26/2008	X	X	X	X									
SA57-30B	211060012	soil	6/26/2008	X	X	X	X									
SA207-0.5B	211060013	soil	6/30/2008	X	X	X	X									
SA207-10B	211060014	soil	6/30/2008	X	X	X	X									
SA207-20B	211060015	soil	6/30/2008	X	X	X	X									
SA207-40B	211060016	soil	7/1/2008	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 211412				LDC Rpt 21258M													
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)										
SA207-30B	211412001	soil	6/30/2008	X	X	X	X										
RSAN2-30B	211412002	soil	7/8/2008	X	X	X	X										
RSAN2-30BD	211412003	soil	7/8/2008	X	X	X	X										
RSAN2-35B	211412004	soil	7/8/2008	X	X	X	X										
RSA02-0.5B	211412005	soil	7/9/2008	X	X	X	X										
RSA02-10B	211412006	soil	7/9/2008	X	X	X	X										
RSA02-20B	211412007	soil	7/9/2008	X	X	X	X										
RSA02-20BD	211412008	soil	7/9/2008	X	X	X	X										
RSA02-30B	211412009	soil	7/9/2008	X	X	X	X										
RSA02-33B	211412010	soil	7/9/2008	X	X	X	X										
SA183-10B	211412011	soil	7/8/2008	X	X	X	X										
SA183-10BD	211412012	soil	7/8/2008	X	X	X	X										
SA183-20B	211412013	soil	7/8/2008	X	X	X	X										
SA183-30B	211412014	soil	7/8/2008	X	X	X	X										
SA183-33B	211412015	soil	7/8/2008	X	X	X	X										
RSA04-0.5B	211412016	soil	7/9/2008	X	X	X	X										
RSA04-10B	211412017	soil	7/9/2008	X	X	X	X										
RSA04-20B	211412018	soil	7/9/2008	X	X	X	X										
RSA04-30B	211412019	soil	7/9/2008	X	X	X	X										
RSA04-36B	211412020	soil	7/9/2008	X	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 211899				LDC Rpt 212580													
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)										
SA46-0.5B	211899001	soil	7/9/2008	X	X	X	X										
SA46-10B	211899002	soil	7/9/2008	X	X	X	X										
SA46-20B	211899003	soil	7/9/2008	X	X	X	X										
SA46-30B	211899004	soil	7/9/2008	X	X	X	X										
SA46-30BD	211899005	soil	7/9/2008	X	X	X	X										
SA48-0.5B	211899006	soil	7/10/2008	X	X	X	X										
SA48-10B	211899007	soil	7/10/2008	X	X	X	X										
SA48-20B	211899008	soil	7/10/2008	X	X	X	X										
SA48-30B	211899009	soil	7/10/2008	X	X	X	X										
RSAJ7-0.5B	211899010	soil	7/9/2008	X	X	X	X										
RSAJ7-10B	211899011	soil	7/9/2008	X	X	X	X										
RSAJ7-20B	211899012	soil	7/9/2008	X	X	X	X										
RSAK7-0.5B	211899013	soil	7/10/2008	X	X	X	X										
RSAK7-10B	211899014	soil	7/10/2008	X	X	X	X										
RSAK7-10BD	211899015	soil	7/10/2008	X	X	X	X										
RSAK7-20B	211899016	soil	7/10/2008	X	X	X	X										
RSAK7-27B	211899017	soil	7/10/2008	X	X	X	X										
SA48-35B	211899018	soil	7/10/2008	X	X	X	X										
RSAL2-0.5B	211899019	soil	7/10/2008	X	X	X	X										
RSAL2-10B	211899020	soil	7/11/2008	X	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 211947				LDC Rpt 21258P												
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)									
RSAL2-20B	211947001	soil	7/11/2008	X	X	X	X									
RSAL2-20BD	211947002	soil	7/11/2008	X	X	X	X									
RSAL2-30B	211947003	soil	7/11/2008	X	X	X	X									
RSAL2-37B	211947004	soil	7/11/2008	X	X	X	X									
RSAL2-40B	211947005	soil	7/11/2008	X	X	X	X									
RSAK2-0.5B	211947006	soil	7/11/2008	X	X	X	X									
RSAK2-10B	211947007	soil	7/11/2008	X	X	X	X									
RSAK2-20B	211947008	soil	7/11/2008	X	X	X	X									
RSAK2-20BD	211947009	soil	7/11/2008	X	X	X	X									
RSAK2-30B	211947010	soil	7/11/2008	X	X	X	X									
RSAK2-35B	211947011	soil	7/11/2008	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 211948				LDC Rpt 21258Q												
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)									
RSAJ8-0.5B	211948001	soil	7/10/2008	X	X	X	X									
RSAJ8-10B	211948002	soil	7/10/2008	X	X	X	X									
RSAJ8-20B	211948003	soil	7/10/2008	X	X	X	X									
RSAJ8-30B	211948004	soil	7/11/2008	X	X	X	X									
RSAJ8-33B	211948005	soil	7/11/2008	X	X	X	X									
RSAI7-0.5B	211948006	soil	7/11/2008	X	X	X	X									
RSAI7-10B(211948007)	211948007	soil	7/11/2008	X	X	X	X									
RSAI7-10B(211948008)*	211948008	soil	7/11/2008	X	X	X	X									
RSAI7-20B	211948009	soil	7/11/2008	X	X	X	X									
RSAI7-30B	211948010	soil	7/11/2008	X	X	X	X									
RSAI7-10B(211948012)*	211948012	soil	7/11/2008	X	X	X	X									
RSAI7-32B	211948014	soil	7/11/2008	X	X	X	X									

* Samples underwent SPLP extraction
Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 040814617					LDC Rpt 21258R										
Sample ID	Lab ID	Matrix	Date Collected	Asb.											
RSAH3-0.0	4.0815E+11	soil	6/11/2008	X											
RSAI4-0.0	4.0815E+11	soil	6/11/2008	X											
RSAI5-0.0	4.0815E+11	soil	6/11/2008	X											
RSAJ2-0.0	4.0815E+11	soil	6/11/2008	X											
RSAJ5-0.0	4.0815E+11	soil	6/12/2008	X											
RSAK5-0.0	4.0815E+11	soil	6/12/2008	X											
RSAK4-0.0	4.0815E+11	soil	6/12/2008	X											
RSAL5-0.0	4.0815E+11	soil	6/12/2008	X											
SA75-0.0	4.0815E+11	soil	6/12/2008	X											
SA74-0.0	4.0815E+11	soil	6/12/2008	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 040815042					LDC Rpt 21258S												
Sample ID	Lab ID	Matrix	Date Collected	Asb.													
SAI89-0.0	040815042-0001	soil	6/12/2008	X													
RSAL4-0.0	040815042-0002	soil	6/12/2008	X													
SA82-0.0	040815042-0003	soil	6/16/2008	X													
RSAL3-0.0	040815042-0004	soil	6/16/2008	X													
RSAL2-0.0	040815042-0005	soil	6/16/2008	X													
RSAK2-0.0	040815042-0006	soil	6/16/2008	X													
SAI52-0.0	040815042-0007	soil	6/16/2008	X													
SA202-0.0	040815042-0008	soil	6/16/2008	X													
SA201-0.0	040815042-0009	soil	6/16/2008	X													
SA134-0.0	040815042-0010	soil	6/16/2008	X													
SAI89-0.0	040815042-0011	soil	6/16/2008	X													
SA88-0.0	040815042-0012	soil	6/16/2008	X													
RSAJ3-0.0	040815042-0013	soil	6/16/2008	X													
RSAK3-0.0	040815042-0014	soil	6/16/2008	X													
SA56-0.0	040815042-0015	soil	6/16/2008	X													
SA35-0.0	040815042-0016	soil	6/16/2008	X													
RSA02-0.0	040815042-0017	soil	6/16/2008	X													
SA57-0.0	040815042-0018	soil	6/17/2008	X													
RSAI7-0.0	040815042-0019	soil	6/17/2008	X													

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 040815042				LDC Rpt 21258S												
Sample ID	Lab ID	Matrix	Date Collected	Asb.												
RSAJ8-0.0	040815042-0020	soil	6/17/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 040815201					LDC Rpt 21258T												
Sample ID	Lab ID	Matrix	Date Collected	Asb.													
RSAJ6-0.0	040815201-0001	soil	6/17/2008	X													
RSAJ7-0.0	040815201-0002	soil	6/17/2008	X													
RS AK7-0.0	040815201-0003	soil	6/17/2008	X													
SA76-0.0	040815201-0004	soil	6/17/2008	X													
RS AK6-0.0	040815201-0005	soil	6/17/2008	X													
RS AK8-0.0	040815201-0006	soil	6/17/2008	X													
RS AL7-0.0	040815201-0007	soil	6/17/2008	X													
RS AL8-0.0	040815201-0008	soil	6/17/2008	X													
RS AI2-0.0	040815201-0009	soil	6/17/2008	X													
RS AI3-0.0	040815201-0010	soil	6/17/2008	X													
SA206-0.0	040815201-0011	soil	6/17/2008	X													
RS AM3-0.0	040815201-0012	soil	6/18/2008	X													
SA100-0.0	040815201-0013	soil	6/18/2008	X													
SA69-0.0	040815201-0014	soil	6/18/2008	X													
RS AM4-0.0	040815201-0016	soil	6/18/2008	X													
SA67-0.0	040815201-0017	soil	6/18/2008	X													
RS AM2-0.0	040815201-0018	soil	6/18/2008	X													
SA85-0.0	040815201-0019	soil	6/18/2008	X													

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 040815201					LDC Rpt 21258T												
Sample ID	Lab ID	Matrix	Date Collected	Asb.													
SA87-0.0	040815201-0020	soil	6/18/2008	X													
RSAN4-0.0	040815201-0021	soil	6/18/2008	X													
RSAN3-0.0	040815201-0022	soil	6/18/2008	X													
RSAN2-0.0	040815201-0023	soil	6/18/2008	X													
SA166-0.0	040815201-0024	soil	6/18/2008	X													
SA48-0.0	040815201-0025	soil	6/18/2008	X													
SA180-0.0	040815201-0026	soil	6/18/2008	X													
RSA03-0.0	040815201-0027	soil	6/18/2008	X													
SA176-0.0	040815201-0028	soil	6/18/2008	X													
SA55-0.0	040815201-0029	soil	6/18/2008	X													
SA182-0.0	040815201-0030	soil	6/18/2008	X													
SA207-0.0	040815201-0031	soil	6/19/2008	X													
SA181-0.0	040815201-0032	soil	6/19/2008	X													
SA183-0.0	040815201-0033	soil	6/19/2008	X													
RSA04-0.0	040815201-0034	soil	6/19/2008	X													
SA46-0.0	040815201-0035	soil	6/19/2008	X													
SA47-0.0	040815201-0036	soil	6/19/2008	X													

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG E0800616					LDC Rpt 21523A											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
SA180-0.5B	E0800616-001	soil	6/26/2008	S												
SA57-0.5B	E0800616-005	soil	6/26/2008	X												
SA87-0.5B	E0800616-009	soil	6/25/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800645					LDC Rpt 21523B											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
RSA04-0.5B	E0800645-001	soil	7/9/2008	S												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800646					LDC Rpt 21523B											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
RSA02-0.5B	E0800646-004	soil	7/9/2008	S												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

LAB SDG E0800649					LDC Rpt 21674A											
Sample ID	Lab ID	Matrix	Date Collected	Dioxins (8290)												
RSAJ7-0.5B	E0800649-007	soil	7/9/2008	X												
RSAJ7-0.5BDL	E0800649-007DL	soil	7/9/2008	X												
RSK7-0.5B	E0800649-008	soil	7/10/2008	X												
RSK7-0.5BDL	E0800649-008DL	soil	7/10/2008	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG E0800640					LDC#: 22333A												
Sample ID	Lab ID	Matrix	Date Collected	PCB Cong (1668A)													
RSAN2-0.5B	E0800640-002	soil	7/8/2008	X													
RSAN2-10B	E0800640-003	soil	7/8/2008	X													
RSAN2-20B	E0800640-004	soil	7/8/2008	X													

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG TRX09072852					LDC Rpt 21423D											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
SA166-10BSSPLP	09072852-01	soil	7/21/2009	X												
SA166-10BSSPLPpH(SPLP)	09072852-01	soil	7/21/2009	X												
SA166-10BSSPLP(DISPLP)	09072852-01	soil	7/21/2009	X												
SA182-10BSPLP	09072852-02	soil	7/22/2009	X												
SA182-10BSPLPpH(SPLP)	09072852-02	soil	7/22/2009	X												
SA182-10BSPLP(DI SPLP)	09072852-02	soil	7/22/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG TRX09060457					LDC Rpt 21423G											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
RSAM3-0.5B	09060457-01	soil	6/3/2009	X												
RSAM2-0.5B	09060457-02	soil	6/3/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG TRX09060566					LDC Rpt 21423H											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
RSAJ3-0.5B	09060566-01	soil	6/4/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG TRX09061850					LDC Rpt 21423K											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
SA35-0.5B	09061850-01	soil	6/9/2009	X												
SA176-0.5B	09061850-02	soil	6/9/2009	X												
SA166-0.5B	09061850-03	soil	6/11/2009	X												
SA182-0.5B	09061850-04	soil	6/11/2009	X												
SA85-0.5B	09061850-05	soil	6/16/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG TRX09070755					LDC Rpt 21423M											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
SA82-0.5B	09070755-04	soil	7/1/2009	X												
SA82-10B	09070755-05	soil	7/1/2009	X												
SA82-29B	09070755-06	soil	7/1/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG TRX09071450					LDC Rpt 214230												
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)													
SA85-33B	09071450-01	soil	7/10/2009	X													
RSAM2-10B	09071450-02	soil	7/10/2009	X													
RSAM2-35B	09071450-03	soil	7/10/2009	X													
SA35-10B	09071450-04	soil	7/10/2009	X													
SA35-32B	09071450-05	soil	7/10/2009	X													
SA35009-32B	09071450-06	soil	7/10/2009	X													
RSAM3-30B	09071450-07	soil	7/13/2009	X													
SA176-10B	09071450-08	soil	7/13/2009	X													
SA176009-37B	09071450-09	soil	7/13/2009	X													
SA176-37B	09071450-10	soil	7/13/2009	X													

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG TRX09072041					LDC Rpt 21423P												
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)													
EB071009-SO	09072041-01	water	7/10/2009	X													

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG TRX09072352					LDC Rpt 21423Q											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
EB072109-SO	09072352-01	water	7/21/2009	X												
FB072109-SO	09072352-02	water	7/21/2009	X												
SA166-10B	09072352-03	soil	7/21/2009	X												
SA166-31B	09072352-04	soil	7/21/2009	X												
SA182-10B	09072352-05	soil	7/22/2009	X												
SA182-38B	09072352-06	soil	7/22/2009	X												
EB072209-SO	09072352-07	water	7/22/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG TRX09072741					LDC Rpt 21423R											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
EB072409-SO	09072741-06	water	7/24/2009	X												
RSAH3-0.5B	09072741-07	soil	7/24/2009	X												
RSAH3009-0.5B	09072741-08	soil	7/24/2009	X												
RSAH3-32B	09072741-09	soil	7/24/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG TRX09080450					LDC Rpt 21423T											
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)												
RSAJ3-10BSPLP	09080450-03	soil	8/3/2009	X												
RSAJ3-10BSPLPpH(SPLP)	09080450-03	soil	8/3/2009	X												
RSAJ3-10BSPLP(DI SPLP)	09080450-03	soil	8/3/2009	X												
RSAJ3-29BSPLP	09080450-04	soil	8/3/2009	X												
RSAJ3-29BSPLPpH(SPLP)	09080450-04	soil	8/3/2009	X												
RSAJ3-29BSPLP(DI SPLP)	09080450-04	soil	8/3/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 230756				LDC Rpt 21424B													
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)										
RSAI2-0.5B	230756001	soil	6/1/2009	X	X	X	X										
RSAI3-0.5B	230756002	soil	6/2/2009	X	X	X	X										
RSAJ5-0.5B	230756003	soil	6/2/2009	X	X	X	X										
RSAK5-0.5B	230756004	soil	6/2/2009	X	X	X	X										
SA76-0.5B	230756005	soil	6/3/2009	X	X	X	X										
SA76009-0.5B	230756006	soil	6/3/2009	X	X	X	X										
RSAL3-0.5B	230756007	soil	6/3/2009	X	X	X	X										
SA100-0.5B	230756008	soil	6/3/2009	X	X	X	X										
RSAM3-0.5B	230756009	soil	6/3/2009	X	X	X	X										
RSAM2-0.5B	230756010	soil	6/3/2009	X	X	X	X										
SA189-0.5B	230756011	soil	6/4/2009	X	X	X	X										
SA88-0.5B	230756012	soil	6/4/2009	X	X	X	X										
SA152-0.5B	230756013	soil	6/4/2009	X	X	X	X										
SA152009-0.5B	230756014	soil	6/4/2009	X	X	X	X										
RSAJ2-0.5B	230756015	soil	6/4/2009	X	X	X	X										
RSAJ3-0.5B	230756016	soil	6/4/2009	X	X	X	X										
SA202-0.5B	230756017	soil	6/4/2009	X	X	X	X										
SA127-0.5B	230756018	soil	6/5/2009	X	X	X	X										
RSAJ6-0.5B	230756019	soil	6/5/2009	X	X	X	X										
RSAK6-0.5B	230756020	soil	6/5/2009	X	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 231217								LDC Rpt 21424C							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
RSAK8-0.5B	231217001	soil	6/5/2009	X	X	X	X								
RSAL7-0.5B	231217002	soil	6/5/2009	X	X	X	X								
RSAL8-0.5B	231217003	soil	6/5/2009	X	X	X	X								
SA56-0.5B	231217004	soil	6/10/2009	X	X	X	X								
SA35-0.5B	231217005	soil	6/10/2009	X	X	X	X								
RSA03-0.5B	231217006	soil	6/10/2009	X	X	X	X								
SA176-0.5B	231217007	soil	6/10/2009	X	X	X	X								
SA55-0.5B	231217008	soil	6/10/2009	X	X	X	X								
SA166-0.5B	231217009	soil	6/11/2009	X	X	X	X								
SA201-0.5B	231217010	soil	6/11/2009	X	X	X	X								
SA134-0.5B	231217011	soil	6/11/2009	X	X	X	X								
SA182-0.5B	231217012	soil	6/11/2009	X	X	X	X								
RSAK4-0.5B	231217013	soil	6/11/2009	X	X	X	X								
RSAK4009-0.5B	231217014	soil	6/11/2009	X	X	X	X								
SA85-0.5B	231217015	soil	6/16/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 232395								LDC Rpt 21424F							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
SA201-10B	232395007	soil	6/24/2009	X	X	X	X								
SA201-28B	232395008	soil	6/24/2009	X	X	X	X								
SA201009-28B	232395009	soil	6/24/2009	X	X	X	X								
SA202-10B	232395010	soil	6/25/2009	X	X	X	X								
SA202-28B	232395011	soil	6/25/2009	X	X	X	X								
RSAl3-10B	232395012	soil	6/25/2009	X	X	X	X								
RSAl3-20B	232395013	soil	6/25/2009	X	X	X	X								
RSAl3-32B	232395014	soil	6/25/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 232528								LDC Rpt 21424G							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
RSAI2-10B	232528001	soil	6/26/2009	X	X	X	X								
RSAI2009-10B	232528002	soil	6/26/2009	X	X	X	X								
RSAI2-20B	232528003	soil	6/26/2009	X	X	X	X								
RSAI2-31B	232528004	soil	6/26/2009	X	X	X	X								
RSAJ2-10B	232528005	soil	6/26/2009	X	X	X	X								
RSAJ2-20B	232528006	soil	6/26/2009	X	X	X	X								
RSAJ2-33B	232528007	soil	6/26/2009	X	X	X	X								
RSAJ2009-33B	232528008	soil	6/26/2009	X	X	X	X								
SA152-10B	232528016	soil	6/29/2009	X	X	X	X								
SA152-20B	232528017	soil	6/29/2009	X	X	X	X								
SA152-34B	232528018	soil	6/29/2009	X	X	X	X								
SA82-0.5B	232528019	soil	7/1/2009	X	X	X	X								
SA82-10B	232528020	soil	7/1/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 232727								LDC Rpt 21424H							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
SA82-29B	232727005	soil	7/1/2009	X	X	X	X								
RSAL3-10B	232727006	soil	7/1/2009	X	X	X	X								
RSAL3-30B	232727007	soil	7/1/2009	X	X	X	X								
SA134-20B	232727011	soil	7/2/2009	X	X	X	X								
SA134-31B	232727012	soil	7/2/2009	X	X	X	X								
SA134009-31B	232727013	soil	7/2/2009	X	X	X	X								
SA88-10B	232727014	soil	7/2/2009	X	X	X	X								
SA88-20B	232727015	soil	7/2/2009	X	X	X	X								
SA88-32B	232727016	soil	7/2/2009	X	X	X	X								
RSAK3-0.5B	232727017	soil	7/2/2009	X	X	X	X								
RSAK3-10B	232727018	soil	7/2/2009	X	X	X	X								
RSAK3-20B	232727019	soil	7/2/2009	X	X	X	X								
RSAK3-31B	232727020	soil	7/2/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 232860				LDC Rpt 21424J													
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)										
SA134-10B	232860001	soil	7/2/2009	X	X	X	X										
SA206-0.5B	232860002	soil	7/6/2009	X	X	X	X										
SA206-10B	232860003	soil	7/6/2009	X	X	X	X										
SA206-25B	232860004	soil	7/6/2009	X	X	X	X										
SA206-30B	232860005	soil	7/6/2009	X	X	X	X										
RS4K4-10B	232860006	soil	7/6/2009	X	X	X	X										
RS4K4-20B	232860007	soil	7/6/2009	X	X	X	X										
RS4K4-31B	232860008	soil	7/6/2009	X	X	X	X										
RS4L4-0.5B	232860009	soil	7/7/2009	X	X	X	X										
RS4L4009-0.5B	232860010	soil	7/7/2009	X	X	X	X										
RS4L4-10B	232860011	soil	7/7/2009	X	X	X	X										
RS4L4-28B	232860012	soil	7/7/2009	X	X	X	X										
SA100-10B	232860013	soil	7/7/2009	X	X	X	X										
SA100-30B	232860014	soil	7/7/2009	X	X	X	X										
SA69-0.5B	232860015	soil	7/7/2009	X	X	X	X										
SA69-10B	232860016	soil	7/7/2009	X	X	X	X										
SA69-29B	232860017	soil	7/7/2009	X	X	X	X										
RS4M4-0.5B	232860018	soil	7/8/2009	X	X	X	X										
RS4M4-10B	232860019	soil	7/8/2009	X	X	X	X										
RS4M4-30B	232860020	soil	7/8/2009	X	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 233107								LDC Rpt 21424K							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
RSAN3-05B	233107001	soil	7/8/2009	X	X	X	X								
RSAN3-10B	233107002	soil	7/8/2009	X	X	X	X								
RSAN3-20B	233107003	soil	7/8/2009	X	X	X	X								
RSAN3009-20B	233107004	soil	7/8/2009	X	X	X	X								
RSAN3-32B	233107005	soil	7/8/2009	X	X	X	X								
RSAN4-05B	233107006	soil	7/8/2009	X	X	X	X								
SA85-10B	233107007	soil	7/9/2009	X	X	X	X								
SA85-20B	233107008	soil	7/9/2009	X	X	X	X								
SA85-33B	233107009	soil	7/9/2009	X	X	X	X								
RSAN4-10B	233107010	soil	7/9/2009	X	X	X	X								
RSAN4009-10B	233107011	soil	7/9/2009	X	X	X	X								
RSAN4-20B	233107012	soil	7/9/2009	X	X	X	X								
RSAN4-31B	233107013	soil	7/9/2009	X	X	X	X								
RSAM2-10B	233107014	soil	7/10/2009	X	X	X	X								
RSAM2-20B	233107015	soil	7/10/2009	X	X	X	X								
RSAM2009-20B	233107016	soil	7/10/2009	X	X	X	X								
RSAM2-35B	233107017	soil	7/10/2009	X	X	X	X								
SA35-10B	233107018	soil	7/10/2009	X	X	X	X								
SA35-20B	233107019	soil	7/10/2009	X	X	X	X								
SA35-32B	233107020	soil	7/10/2009	X	X	X	X								
EB070809-SO	233107021	water	7/8/2009	X	X	X	X								

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 233107								LDC Rpt 21424K							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
EB071009-SO	233107022	water	7/10/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 233309								LDC Rpt 21424L							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
SA35009-32B	233309001	soil	7/10/2009	X	X	X	X								
SA176-10B	233309002	soil	7/13/2009	X	X	X	X								
SA176-25B	233309003	soil	7/13/2009	X	X	X	X								
SA176009-37B	233309004	soil	7/13/2009	X	X	X	X								
SA176-37B	233309005	soil	7/13/2009	X	X	X	X								
RSAM3-10B	233309006	soil	7/13/2009	X	X	X	X								
RSAM3-30B	233309007	soil	7/13/2009	X	X	X	X								
RSA03-10B	233309008	soil	7/14/2009	X	X	X	X								
RSA03-20B	233309009	soil	7/14/2009	X	X	X	X								
RSA03009-20B	233309010	soil	7/14/2009	X	X	X	X								
SA55-25B	233309015	soil	7/14/2009	X	X	X	X								
SA55-35B	233309016	soil	7/14/2009	X	X	X	X								
SA74-0.5B	233309017	soil	7/15/2009	X	X	X	X								
SA74009-0.5B	233309018	soil	7/15/2009	X	X	X	X								
SA74-10B	233309019	soil	7/15/2009	X	X	X	X								
SA74-29B	233309020	soil	7/15/2009	X	X	X	X								
EB071509-SO	233309021	water	7/15/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 233587								LDC Rpt 21424M							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
RSAJ5-10B	233587001	soil	7/15/2009	X	X	X	X								
RSAK5-10B	233587002	soil	7/15/2009	X	X	X	X								
RSAK5-22B	233587003	soil	7/15/2009	X	X	X	X								
RSAL5-0.5B	233587004	soil	7/15/2009	X	X	X	X								
RSAL5-10B	233587005	soil	7/15/2009	X	X	X	X								
RSAL5-30B	233587006	soil	7/15/2009	X	X	X	X								
RSAJ5-19B	233587007	soil	7/16/2009	X	X	X	X								
RSAJ5009-19B	233587008	soil	7/16/2009	X	X	X	X								
SA189-10B	233587009	soil	7/16/2009	X	X	X	X								
SA189-29B	233587010	soil	7/16/2009	X	X	X	X								
RSA03-10B	233587011	soil	7/16/2009	X	X	X	X								
RSA03-20B	233587012	soil	7/16/2009	X	X	X	X								
RSA03009-20B	233587013	soil	7/16/2009	X	X	X	X								
RSA03-31B	233587014	soil	7/16/2009	X	X	X	X								
EB071609-SO	233587015	water	7/16/2009	X	X	X	X								
RSAK8-10B	233587016	soil	7/20/2009	X	X	X	X								
RSAK8-26B	233587017	soil	7/20/2009	X	X	X	X								
RSAK8009-26B	233587018	soil	7/20/2009	X	X	X	X								
RSAL8-10B	233587019	soil	7/20/2009	X	X	X	X								
RSAL8-28B	233587020	soil	7/20/2009	X	X	X	X								
EB072009-SO	233587021	water	7/22/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 233612				LDC Rpt 21424N													
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)										
SA55-10B	233612001	soil	7/16/2009	X	X	X	X										
SA55-25B	233612002	soil	7/16/2009	X	X	X	X										
SA55-35B	233612003	soil	7/16/2009	X	X	X	X										
RSAJ6-10B	233612004	soil	7/17/2009	X	X	X	X										
RSAJ6-19B	233612005	soil	7/17/2009	X	X	X	X										
SA76-10B	233612006	soil	7/17/2009	X	X	X	X										
SA76-20B	233612007	soil	7/17/2009	X	X	X	X										
RS AK6-10B	233612008	soil	7/17/2009	X	X	X	X										
RS AK6-24B	233612009	soil	7/17/2009	X	X	X	X										
SA75-0.5B	233612010	soil	7/17/2009	X	X	X	X										
SA75-10B	233612011	soil	7/17/2009	X	X	X	X										
SA75-28B	233612012	soil	7/17/2009	X	X	X	X										
EB071709-SO	233612013	water	7/17/2009	X	X	X	X										
FB072109-SO	233612014	water	7/21/2009	X	X	X	X										
SA56-10B	233612015	soil	7/21/2009	X	X	X	X										
SA56-25B	233612016	soil	7/21/2009	X	X	X	X										
SA56-37B	233612017	soil	7/21/2009	X	X	X	X										
SA166-10B	233612018	soil	7/21/2009	X	X	X	X										
SA166-20B	233612019	soil	7/21/2009	X	X	X	X										
SA166-31B	233612020	soil	7/21/2009	X	X	X	X										
EB072109-SO	233612021	water	7/21/2009	X	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 233960				LDC Rpt 214240												
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)									
SA182-10B	233960001	soil	7/22/2009	X	X	X	X									
SA182-25B	233960002	soil	7/22/2009	X	X	X	X									
SA182-38B	233960003	soil	7/22/2009	X	X	X	X									
EB072209-SO	233960004	water	7/22/2009	X	X	X	X									
RSAH3-0.5B	233960015	soil	7/24/2009	X	X	X	X									
RSAH3009-0.5B	233960016	soil	7/24/2009	X	X	X	X									
RSAH3-10B	233960017	soil	7/24/2009	X	X	X	X									
RSAH3-20B	233960018	soil	7/24/2009	X	X	X	X									
RSAH3-32B	233960019	soil	7/24/2009	X	X	X	X									
RSAI5-0.5B	233960020	soil	7/24/2009	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 234120				LDC Rpt 21424P												
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)									
RSAI4-0.5B	234120001	soil	7/24/2009	X	X	X	X									
RSAI4-10B	234120002	soil	7/24/2009	X	X	X	X									
RSAI4-20B	234120003	soil	7/24/2009	X	X	X	X									
RSAI4-32B	234120004	soil	7/24/2009	X	X	X	X									
RSAI5-10B	234120005	soil	7/24/2009	X	X	X	X									
RSAI5009-10B	234120006	soil	7/24/2009	X	X	X	X									
RSAI5-28B	234120007	soil	7/24/2009	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 234414				LDC Rpt 21424S												
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)									
SA127-10B	234414008	soil	7/31/2009	X	X	X	X									
SA127-20B	234414009	soil	7/31/2009	X	X	X	X									
SA127-32B	234414010	soil	7/31/2009	X	X	X	X									
RSAJ3-10B	234414011	soil	7/31/2009	X	X	X	X									
RSAJ3-29B	234414012	soil	7/31/2009	X	X	X	X									
EB073109-SO	234414019	water	7/31/2009	X	X	X	X									
EB080309-SO	234414020	water	8/3/2009	X	X	X	X									
SA127-5B-berm	234414022	soil	7/31/2009	X	X	X	X									
SA127-10B-berm	234414023	soil	7/31/2009	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 8304602				LDC Rpt 21494B												
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)												
RSAM3-0.5B	D9F040299-001	soil	9/3/2009	X												
RSAM2-0.5B	D9F040299-002	soil	6/3/2009	X												
RSAJ3-0.5B	D9F050355-001	soil	6/4/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 8304605					LDC Rpt 21494E											
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)												
SA35-0.5B	D9F110372-001	soil	6/10/2009	X												
SA176-0.5B	D9F110372-002	soil	6/10/2009	X												
SA166-0.5B	D9F120327-001	soil	6/11/2009	X												
SA182-0.5B	D9F120327-002	soil	6/11/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 8304606					LDC Rpt 21494F											
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)												
SA85-0.5B	D9F170273-001	soil	6/16/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 8304610					LDC Rpt 21494J											
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)												
SA82-0.5B	D9G020235-001	soil	7/1/2009	X												
SA82-10B	D9G020235-002	soil	7/1/2009	X												
SA82-29B	D9G020235-003	soil	7/1/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 8304612					LDC Rpt 21494L										
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)											
RSAM2-10B	D9G110147-001	soil	7/10/2009	X											
RSAM2-35B	D9G110147-002	soil	7/10/2009	X											
SA35-10B	D9G110149-001	soil	7/10/2009	X											
SA35-32B	D9G110149-002	soil	7/10/2009	X											
SA35009-32B	D9G110149-003	soil	7/10/2009	X											
SA85-33B	D9G110150-001	soil	7/9/2009	X											
EB071009-SO	D9G110151-001	water	7/10/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 8304613					LDC Rpt 21494M										
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)											
SA176-10B	D9G150215-001	soil	7/13/2009	X											
SA176009-37B	D9G150215-002	soil	7/13/2009	X											
SA176-37B	D9G150215-003	soil	7/13/2009	X											
RSAM3-30B	D9G150220-001	soil	7/13/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 8304616					LDC Rpt 21494P											
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)												
EB072109-SO	D9G230309-001	water	7/21/2009	X												
FB072109-SO	D9G230310-001	water	7/21/2009	X												
SA166-10B	D9G230314-001	soil	7/21/2009	X												
SA166-31B	D9G230314-002	soil	7/21/2009	X												
EB072209-SO	D9G240313-001	water	7/22/2009	X												
SA182-10B	D9G240314-001	soil	7/22/2009	X												
SA182-38B	D9G240314-002	soil	7/22/2009	X												
RSAH3-0.5B	D9G250139-001	soil	7/24/2009	X												
RSAH3009-0.5B	D9G250139-002	soil	7/24/2009	X												
RSAH3-32B	D9G250139-003	soil	7/24/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 8304617					LDC Rpt 21494Q											
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)												
SA166-10BSPLP	D9G230311-001	soil	7/21/2009	X												
SA166-10BSPLPDI	D9G230311-001DI	soil	7/21/2009	X												
SA182-10BSPLP	D9G240309-001	soil	7/22/2009	X												
SA182-10BSPLPDI	D9G240309-001DI	soil	7/22/2009	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 8304624					LDC Rpt 21494X										
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)											
RSAJ3-10BSPLP	D9H040267-001	soil	8/3/2009	X											
RSAJ3-10BSPLPDI	D9H040267-001DI	soil	8/3/2009	X											
RSAJ3-29BSPLP	D9H040267-002	soil	8/3/2009	X											
RSAJ3-29BSPLPDI	D9H040267-002DI	soil	8/3/2009	X											
RSAU5-0.5BSPLP	D9H070324-001	soil	8/5/2009	X											
RSAU5-0.5BSPLPDI	D9H070324-001DI	soil	8/5/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903051										LDC Rpt 21495C					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)						
RSA12-0.5B	R0903051-001	soil	6/1/2009	X	X	X	X	X	X						
RSA12-0.5BDL	R0903051-001DL	soil	6/1/2009		X	X			X						
TB060109-001	R0903051-002	water	6/1/2009	X											
RSAI3-0.5B	R0903051-003	soil	6/2/2009	X	X	X	X	X	X						
RSAI3-0.5BDL	R0903051-003DL	soil	6/2/2009			X			X						
TB060209-SO1	R0903051-004	water	6/2/2009	X											
RSAJ5-0.5B	R0903051-005	soil	6/2/2009	X	X	X	X	X	X						
RSAJ5-0.5BDL	R0903051-005DL	soil	6/2/2009			X			X						
RSAK5-0.5B	R0903051-006	soil	6/2/2009	X	X	X	X	X	X						
RSAK5-0.5BDL	R0903051-006DL	soil	6/2/2009		X	X			X						
SA76-0.5B	R0903051-007	soil	6/3/2009	X	X		X	X	X						
SA76-0.5BDL	R0903051-007DL	soil	6/3/2009						X						
SA76009-0.5B	R0903051-008	soil	6/3/2009	X	X		X	X	X						
SA76009-0.5BDL	R0903051-008DL	soil	6/3/2009						X						
TB060309-SO1	R0903051-009	water	6/3/2009	X											
TB060309-SO2	R0903051-010	water	6/3/2009	X											
RSAL3-0.5B	R0903051-011	soil	6/3/2009	X	X	X	X	X	X						
RSAL3-0.5BDL	R0903051-011DL	soil	6/3/2009			X			X						
SA100-0.5B	R0903051-012	soil	6/3/2009	X	X		X	X	X						

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903051										LDC Rpt 21495C					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)						
RSAM3-0.5B	R0903051-013	soil	6/3/2009	X	X	X	X	X	X						
RSAM2-0.5B	R0903051-014	soil	6/3/2009	X	X	X	X	X	X						
SA189-0.5B	R0903051-015	soil	6/4/2009	X	X		X	X	X						
SA189-0.5BDL	R0903051-015DL	soil	6/4/2009						X						
SA88-0.5B	R0903051-016	soil	6/4/2009	X	X		X	X	X						
SA88-0.5BDL	R0903051-016DL	soil	6/4/2009						X						
SA152-0.5B	R0903051-018	soil	6/4/2009	X	X		X	X	X						
SA152009-0.5B	R0903051-019	soil	6/4/2009	X	X		X	X	X						
RSAJ2-0.5B	R0903051-020	soil	6/4/2009	X	X	X	X	X	X						
RSAJ2-0.5BDL	R0903051-020DL	soil	6/4/2009			X			X						
RSAJ3-0.5B	R0903051-021	soil	6/4/2009	X	X	X	X	X	X						
SA202-0.5B	R0903051-022	soil	6/4/2009	X	X		X	X	X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903051				LDC Rpt 21495C											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N NO2-N (9056)	NO2-N (353.2)	CN- (9012A)	Cond. (120.1)	Cr(VI) (218.6)	pH (9040B)	Phos-phorus (365.1)	CLO4 (314)	
RSA12-0.5B	R0903051-001	soil	6/1/2009	X	X	X	X		X		X	X	X	X	
RSAI3-0.5B	R0903051-003	soil	6/2/2009	X	X	X	X		X		X	X	X	X	
RSAJ5-0.5B	R0903051-005	soil	6/2/2009	X	X	X	X		X		X	X	X	X	
RSAK5-0.5B	R0903051-006	soil	6/2/2009	X	X	X	X		X		X	X	X	X	
SA76-0.5B	R0903051-007	soil	6/3/2009	X	X	X	X				X	X	X	X	
SA76009-0.5B	R0903051-008	soil	6/3/2009	X	X	X	X				X	X	X	X	
RSAL3-0.5B	R0903051-011	soil	6/3/2009	X	X	X	X		X		X	X	X	X	
SA100-0.5B	R0903051-012	soil	6/3/2009	X	X	X	X				X	X	X	X	
RSAM3-0.5B	R0903051-013	soil	6/3/2009	X	X	X	X		X		X	X	X	X	
RSAM2-0.5B	R0903051-014	soil	6/3/2009	X	X	X	X		X		X	X	X	X	
SA189-0.5B	R0903051-015	soil	6/4/2009	X	X	X	X	X			X	X	X	X	
SA88-0.5B	R0903051-016	soil	6/4/2009	X	X	X	X	X			X	X	X	X	
SA152-0.5B	R0903051-018	soil	6/4/2009	X	X	X	X	X	X		X	X	X	X	
SA152009-0.5B	R0903051-019	soil	6/4/2009	X	X	X	X	X	X		X	X	X	X	
RSAJ2-0.5B	R0903051-020	soil	6/4/2009	X	X	X	X	X	X		X	X	X	X	
RSAJ3-0.5B	R0903051-021	soil	6/4/2009	X	X	X	X	X	X		X	X	X	X	
SA202-0.5B	R0903051-022	soil	6/4/2009	X	X	X	X	X	X		X	X	X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903051								LDC Rpt 21495C							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K)	Chlorate (300.1)	Total Solids (160.3)								
RSA12-0.5B	R0903051-001	soil	6/1/2009	X	X	X	X								
RSAI3-0.5B	R0903051-003	soil	6/2/2009	X	X	X	X								
RSAJ5-0.5B	R0903051-005	soil	6/2/2009	X	X	X	X								
RSAK5-0.5B	R0903051-006	soil	6/2/2009	X	X	X	X								
SA76-0.5B	R0903051-007	soil	6/3/2009	X	X	X	X								
SA76009-0.5B	R0903051-008	soil	6/3/2009	X	X	X	X								
RSAL3-0.5B	R0903051-011	soil	6/3/2009	X	X	X	X								
SA100-0.5B	R0903051-012	soil	6/3/2009	X	X	X	X								
RSAM3-0.5B	R0903051-013	soil	6/3/2009	X	X	X	X								
RSAM2-0.5B	R0903051-014	soil	6/3/2009	X	X	X	X								
SA189-0.5B	R0903051-015	soil	6/4/2009	X	X	X	X								
SA88-0.5B	R0903051-016	soil	6/4/2009	X	X	X	X								
SA152-0.5B	R0903051-018	soil	6/4/2009	X	X	X	X								
SA152009-0.5B	R0903051-019	soil	6/4/2009	X	X	X	X								
RSAJ2-0.5B	R0903051-020	soil	6/4/2009	X	X	X	X								
RSAJ3-0.5B	R0903051-021	soil	6/4/2009	X	X	X	X								
SA202-0.5B	R0903051-022	soil	6/4/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903184				LDC Rpt 21495F											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)			
SA127-0.5B	R0903184-001	soil	6/5/2009	X	X				X		X	X			
SA127-0.5BDL	R0903184-001DL	soil	6/5/2009		X							X			
TB060409-SO1	R0903184-002	water	6/5/2009	X											
RSAJ6-0.5B	R0903184-003	soil	6/5/2009	X	X	X			X		X	X			
RSAJ6-0.5BDL	R0903184-003DL	soil	6/5/2009		X	X						X			
RSAK6-0.5B	R0903184-004	soil	6/5/2009	X	X	X			X		X	X			
RSAK8-0.5B	R0903184-005	soil	6/5/2009	X	X	X			X		X	X			
RSAK8-0.5BDL	R0903184-005DL	soil	6/5/2009									X			
RSAL7-0.5B	R0903184-006	soil	6/5/2009	X	X	X			X		X	X			
RSAL8-0.5B	R0903184-007	soil	6/5/2009	X	X	X			X		X	X			
RSAL8-0.5BDL	R0903184-007DL	soil	6/5/2009									X			
SA35-0.5B	R0903184-008	soil	6/10/2009	X	X	X			X	X	X	X			
SA55-0.5B	R0903184-009	soil	6/10/2009	X	X				X		X	X			
SA56-0.5B	R0903184-010	soil	6/10/2009	X	X		X	X	X	X	X	X			
SA176-0.5B	R0903184-011	soil	6/10/2009	X	X	X			X		X	X			
TB061009-SO1	R0903184-013	water	6/10/2009	X											
RSAO3-0.5B	R0903184-014	soil	6/10/2009	X	X	X	X		X		X	X			
RSAO3-0.5BDL	R0903184-014DL	soil	6/10/2009									X			
SA182-0.5B	R0903184-015	soil	6/11/2009	X	X	X			X		X	X			

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903184				LDC Rpt 21495F											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)			
SA182-0.5BDL	R0903184-015DL	soil	6/11/2009		X							X			
SA201-0.5B	R0903184-016	soil	6/11/2009	X	X				X		X	X			
SA201-0.5BDL	R0903184-016DL	soil	6/11/2009		X							X			
TB061109-SO1	R0903184-017	water	6/11/2009	X											
SA166-0.5B	R0903184-018	soil	6/11/2009	X	X	X	X	X	X	X	X	X			
RSAK4-0.5B	R0903184-019	soil	6/11/2009	X	X	X			X		X	X			
RSAK4-0.5BDL	R0903184-019DL	soil	6/11/2009									X			
RSAK4009-0.5B	R0903184-020	soil	6/11/2009	X	X	X			X		X	X			
RSAK4009-0.5BDL	R0903184-020DL	soil	6/11/2009									X			
SA134-0.5B	R0903184-021	soil	6/11/2009	X	X				X		X	X			
SA134-0.5BDL	R0903184-021DL	soil	6/11/2009									X			

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903184				LDC Rpt 21495F											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (7199)	pH (9045D)	Phosphorus (365.1)	CLO4 (314)		
SA127-0.5B	R0903184-001	soil	6/5/2009	X	X	X	X	X		X	X	X	X		
RSAJ6-0.5B	R0903184-003	soil	6/5/2009	X	X	X	X	X		X	X	X	X		
RSAK6-0.5B	R0903184-004	soil	6/5/2009	X	X	X	X	X		X	X	X	X		
RSAK8-0.5B	R0903184-005	soil	6/5/2009	X	X	X	X	X		X	X	X	X		
RSAL7-0.5B	R0903184-006	soil	6/5/2009	X	X	X	X	X		X	X	X	X		
RSAL8-0.5B	R0903184-007	soil	6/5/2009	X	X	X	X	X		X	X	X	X		
SA35-0.5B	R0903184-008	soil	6/10/2009	X	X	X	X	X	X	X	X	X	X		
SA55-0.5B	R0903184-009	soil	6/10/2009	X	X	X	X	X	X	X	X	X	X		
SA56-0.5B	R0903184-010	soil	6/10/2009	X	X	X	X	X	X	X	X	X	X		
SA176-0.5B	R0903184-011	soil	6/10/2009	X	X	X	X	X	X	X	X	X	X		
RSAO3-0.5B	R0903184-014	soil	6/10/2009	X	X	X	X	X	X	X	X	X	X		
SA182-0.5B	R0903184-015	soil	6/11/2009	X	X	X	X	X	X	X	X	X	X		
SA201-0.5B	R0903184-016	soil	6/11/2009	X	X	X	X	X	X	X	X	X	X		
SA166-0.5B	R0903184-018	soil	6/11/2009	X	X	X	X	X	X	X	X	X	X		
RSAK4-0.5B	R0903184-019	soil	6/11/2009	X	X	X	X	X	X	X	X	X	X		
RSAK4009-0.5B	R0903184-020	soil	6/11/2009	X	X	X	X	X	X	X	X	X	X		
SA134-0.5B	R0903184-021	soil	6/11/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903184								LDC Rpt 21495F							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K)	Chlorate (300.1)	Total Solids (160.3)								
SA127-0.5B	R0903184-001	soil	6/5/2009	X	X	X	X								
RSAJ6-0.5B	R0903184-003	soil	6/5/2009	X	X	X	X								
RSAK6-0.5B	R0903184-004	soil	6/5/2009	X	X	X	X								
RSAK8-0.5B	R0903184-005	soil	6/5/2009	X	X	X	X								
RSAL7-0.5B	R0903184-006	soil	6/5/2009	X	X	X	X								
RSAL8-0.5B	R0903184-007	soil	6/5/2009	X	X	X	X								
SA35-0.5B	R0903184-008	soil	6/10/2009	X	X	X	X								
SA55-0.5B	R0903184-009	soil	6/10/2009	X	X	X	X								
SA56-0.5B	R0903184-010	soil	6/10/2009	X	X	X	X								
SA176-0.5B	R0903184-011	soil	6/10/2009	X	X	X	X								
RSAO3-0.5B	R0903184-014	soil	6/10/2009	X	X	X	X								
SA182-0.5B	R0903184-015	soil	6/11/2009	X	X	X	X								
SA201-0.5B	R0903184-016	soil	6/11/2009	X	X	X	X								
SA166-0.5B	R0903184-018	soil	6/11/2009	X	X	X	X								
RSAK4-0.5B	R0903184-019	soil	6/11/2009	X	X	X	X								
RSAK4009-0.5B	R0903184-020	soil	6/11/2009	X	X	X	X								
SA134-0.5B	R0903184-021	soil	6/11/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903443								LDC Rpt 21495G							
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Metals (SW846)	TPH-E (8015B)								
SA201-10B	F0903443-014	soil	6/24/2009	X	X	X	X								
SA201-28B	F0903443-015	soil	6/24/2009	X	X	X	X								
SA201009-28B	F0903443-016	soil	6/24/2009	X	X	X	X								
TB062409-SO2	F0903443-017	water	6/24/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0903443								LDC Rpt 21495G							
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (7199)	pH (9045D)	Phosphorus (365.1)	CLO4 (314)		
SA201-10B	F0903443-014	soil	6/24/2009	X	X	X	X	X	X	X	X	X	X		
SA201-28B	F0903443-015	soil	6/24/2009	X	X	X	X	X	X	X	X	X	X		
SA201009-28B	F0903443-016	soil	6/24/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0903443								LDC Rpt 21495G							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K)	Chlorate (300.1)	Total Solids (160.3)								
SA201-10B	F0903443-014	soil	6/24/2009	X	X	X	X								
SA201-28B	F0903443-015	soil	6/24/2009	X	X	X	X								
SA201009-28B	F0903443-016	soil	6/24/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903615								LDC Rpt 21495H							
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Metals (SW846)	TPH-E (8015B)								
SA152-10B	R0903615-009	soil	6/29/2009	X	X	X	X								
SA152-20B	R0903615-010	soil	6/29/2009	X	X	X	X								
SA152-34B	R0903615-011	soil	6/29/2009	X	X	X	X								
TB062909-SO2	R0903615-012	water	6/29/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0903615								LDC Rpt 21495H							
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (7199)	pH (9045D)	Phosphorus (365.1)	CLO4 (314)		
SA152-10B	R0903615-009	soil	6/29/2009	X	X	X	X	X	X	X	X	X	X		
SA152-20B	R0903615-010	soil	6/29/2009	X	X	X	X	X	X	X	X	X	X		
SA152-34B	R0903615-011	soil	6/29/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0903615								LDC Rpt 21495H							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K)	Chlorate (300.1)	Total Solids (160.3)								
SA152-10B	R0903615-009	soil	6/29/2009	X	X	X	X								
SA152-20B	R0903615-010	soil	6/29/2009	X	X	X	X								
SA152-34B	R0903615-011	soil	6/29/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903678											LDC Rpt 214951				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)						
SA82-0.5B	R0903678-007	soil	7/1/2009	X	X	X	X	X	X						
SA82-0.5BDL	R0903678-007DL	soil	7/1/2009			X			X						
SA82-10B	R0903678-008	soil	7/1/2009	X	X	X	X	X							
SA82-29B	R0903678-009	soil	7/1/2009	X	X	X	X	X							
SA82-29BDL	R0903678-009DL	soil	7/1/2009	X											
RSAL3-10B	R0903678-010	soil	7/1/2009	X	X	X	X	X							
RSAL3-30B	R0903678-011	soil	7/1/2009	X	X	X	X	X							
RSAL3-30BDL	R0903678-011DL	soil	7/1/2009	X											
TB070109-SO2	R0903678-012	water	7/1/2009	X											
SA134-10B	R0903678-013	soil	7/2/2009	X	X		X	X							
SA134-20B	R0903678-014	soil	7/2/2009	X	X		X	X							
SA134-31B	R0903678-015	soil	7/2/2009	X	X		X	X							
SA134009-31B	R0903678-016	soil	7/2/2009	X	X		X	X							
TB070209-S1	R0903678-017	water	7/2/2009	X											
TB070209-S2	R0903678-018	water	7/2/2009	X											
SA88-10B	R0903678-019	soil	7/2/2009	X	X		X	X							
SA88-20B	R0903678-020	soil	7/2/2009	X	X		X	X							
SA88-20BDL	R0903678-020DL	soil	7/2/2009	X											
SA88-32B	R0903678-021	soil	7/2/2009	X	X		X	X							

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903678										LDC Rpt 214951					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)						
RSAK3-0.5B	R0903678-022	soil	7/2/2009	X	X	X	X	X	X						
RSAK3-0.5BDL	R0903678-022DL	soil	7/2/2009		X	X			X						
RSAK3-10B	R0903678-023	soil	7/2/2009	X	X	X	X	X							
RSAK3-20B	R0903678-024	soil	7/2/2009	X	X	X	X	X							
RSAK3-20BRE	R0903678-024RE	soil	7/2/2009	X											
RSAK3-31B	R0903678-025	soil	7/2/2009	X	X	X	X	X							
RSAK3-31BDL	R0903678-025DL	soil	7/2/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903678				LDC Rpt 21495I											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/ (7199)	pH (9040B /9045D)	Phos-phorus (365.1)	CLO4 (314)		
SA82-0.5B	R0903678-007	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
SA82-10B	R0903678-008	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
SA82-29B	R0903678-009	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
RSAL3-10B	R0903678-010	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
RSAL3-30B	R0903678-011	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
SA134-10B	R0903678-013	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA134-20B	R0903678-014	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA134-31B	R0903678-015	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA134009-31B	R0903678-016	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA88-10B	R0903678-019	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA88-20B	R0903678-020	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA88-32B	R0903678-021	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
RSAK3-0.5B	R0903678-022	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
RSAK3-10B	R0903678-023	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
RSAK3-20B	R0903678-024	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
RSAK3-31B	R0903678-025	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903678				LDC Rpt 21495I											
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)	Total Solids (160.3)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	CLO4 (314)		
SA82-0.5B	R0903678-007	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
SA82-10B	R0903678-008	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
SA82-29B	R0903678-009	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
RSAL3-10B	R0903678-010	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
RSAL3-30B	R0903678-011	soil	7/1/2009	X	X	X	X	X	X	X	X	X	X		
SA134-10B	R0903678-013	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA134-20B	R0903678-014	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA134-31B	R0903678-015	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA134009-31B	R0903678-016	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA88-10B	R0903678-019	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA88-20B	R0903678-020	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
SA88-32B	R0903678-021	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
RSAK3-0.5B	R0903678-022	soil	7/2/2009	X	X	X	X	X	X	X	X	X	X		
RSAK3-10B	R0903678-023	soil	7/2/2009	X	X	X	X								
RSAK3-20B	R0903678-024	soil	7/2/2009	X	X	X	X								
RSAK3-31B	R0903678-025	soil	7/2/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903584				LDC Rpt 21495K												
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)								
SA202-10B	R0903584-001	soil	6/25/2009		X		X	X								
SA202-28B	R0903584-002	soil	6/25/2009	X	X		X	X								
TB062509-SO1	R0903584-003	water	6/25/2009	X												
TB062509-SO1RE	R0903584-003RE	water	6/25/2009	X												
RSAl3-10B	R0903584-004	soil	6/25/2009	X	X	X	X	X								
RSAl3-10BDL	R0903584-004DL	soil	6/25/2009		X	X										
RSAl3-20B	R0903584-005	soil	6/25/2009	X	X	X	X	X								
RSAl3-32B	R0903584-006	soil	6/25/2009	X	X	X	X	X								
RSAl3-32BRE	R0903584-006RE	soil	6/25/2009		X											
RSAl2-10B	R0903584-013	soil	6/26/2009	X	X	X	X	X								
RSAl2-10BDL	R0903584-013DL	soil	6/26/2009		X	X										
RSAl2009-10B	R0903584-014	soil	6/26/2009	X	X	X	X	X								
RSAl2009-10BDL	R0903584-014DL	soil	6/26/2009		X	X										
TB062609-SO2	R0903584-015	water	6/26/2009	X												
TB062609-SO2RE	R0903584-015RE	water	6/26/2009	X												
RSAl2-20B	R0903584-016	soil	6/26/2009	X	X	X	X	X								
RSAl2-31B	R0903584-017	soil	6/26/2009	X	X	X	X	X								
RSAl2-10B	R0903584-018	soil	6/26/2009	X	X	X	X	X								
RSAl2-20B	R0903584-019	soil	6/26/2009	X	X	X	X	X								

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903584									LDC Rpt 21495K						
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)							
RSAJ2-33B	R0903584-020	soil	6/26/2009	X	X	X	X	X							
RSAJ2009-33B	R0903584-021	soil	6/26/2009	X	X	X	X	X							
TB063009-SO2	R0903584-024	water	6/30/2009	X											
TB063009-SO2RE	R0903584-024RE	water	6/30/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903584				LDC Rpt 21495K											
Sample ID	Lab ID	Matrix	Date Collected	Aik. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phos-phorus (365.1)	CLO4 (314)		
SA202-10B	R0903584-001	soil	6/25/2009	X	X	X	X	X	X	X	X	X	X		
SA202-28B	R0903584-002	soil	6/25/2009	X	X	X	X	X	X	X	X	X	X		
RSAI3-10B	R0903584-004	soil	6/25/2009	X	X	X	X	X	X	X	X	X	X		
RSAI3-20B	R0903584-005	soil	6/25/2009	X	X	X	X	X	X	X	X	X	X		
RSAI3-32B	R0903584-006	soil	6/25/2009	X	X	X	X	X	X	X	X	X	X		
RSAI2-10B	R0903584-013	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		
RSAI2009-10B	R0903584-014	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		
RSAI2-20B	R0903584-016	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		
RSAI2-31B	R0903584-017	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ2-10B	R0903584-018	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ2-20B	R0903584-019	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ2-33B	R0903584-020	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ2009-33B	R0903584-021	soil	6/26/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903584				LDC Rpt 21495K											
Sample ID	Lab ID	Matrix	Date Collected	TSS (2540D)	TDS (2540C)	MBAS (5540C)	TOC (L/K 9060)	Chlo-rate (300.1)	Total Solids (160.3)						
SA202-10B	R0903584-001	soil	6/25/2009			X	X	X	X						
SA202-28B	R0903584-002	soil	6/25/2009			X	X	X	X						
RSAI3-10B	R0903584-004	soil	6/25/2009			X	X	X	X						
RSAI3-20B	R0903584-005	soil	6/25/2009			X	X	X	X						
RSAI3-32B	R0903584-006	soil	6/25/2009			X	X	X	X						
SA188-0.5B	R0903584-007	soil	6/26/2009			X	X	X	X						
SA172-0.5B	R0903584-008	soil	6/26/2009			X	X	X	X						
SA41-0.5B	R0903584-010	soil	6/26/2009			X	X	X	X						
SA44-0.5B	R0903584-011	soil	6/26/2009			X	X	X	X						
SA42-0.5B	R0903584-012	soil	6/26/2009			X	X	X	X						
RSAI2-10B	R0903584-013	soil	6/26/2009			X	X	X	X						
RSAI2009-10B	R0903584-014	soil	6/26/2009			X	X	X	X						
RSAI2-20B	R0903584-016	soil	6/26/2009			X	X	X	X						
RSAI2-31B	R0903584-017	soil	6/26/2009			X	X	X	X						
RSAJ2-10B	R0903584-018	soil	6/26/2009			X	X	X	X						
RSAJ2-20B	R0903584-019	soil	6/26/2009			X	X	X	X						
RSAJ2-33B	R0903584-020	soil	6/26/2009			X	X	X	X						
RSAJ2009-33B	R0903584-021	soil	6/26/2009			X	X	X	X						
EB062609-SO	R0903584-022	water	6/26/2009	X	X	X	X	X							

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903584										LDC Rpt 21495K					
Sample ID	Lab ID	Matrix	Date Collected	TSS (2540D)	TDS (2540C)	MBAS (5540C)	TOC (L/K 9060)	Chlo-rate (300.1)	Total Solids (160.3)						
SA202-10B	R0903584-025	soil	6/30/2009						X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903729				LDC Rpt 21495L											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)						
SA206-0.5B	R0903729-001	soil	7/6/2009	X	X		X	X	X						
SA206-10B	R0903729-002	soil	7/6/2009	X	X		X	X							
SA206-25B	R0903729-003	soil	7/6/2009	X	X		X	X							
SA206-25BDL	R0903729-003DL	soil	7/6/2009	X											
SA206-30B	R0903729-004	soil	7/6/2009	X	X		X	X							
RS4K4-10B	R0903729-005	soil	7/6/2009	X	X	X	X	X							
RS4K4-20B	R0903729-006	soil	7/6/2009	X	X	X	X	X							
RS4K4-31B	R0903729-007	soil	7/6/2009	X	X	X	X	X							
TB070609-SO	R0903729-008	water	7/6/2009	X											
RSAL4-0.5B	R0903729-009	soil	7/7/2009	X	X	X	X	X	X						
RSAL4009-0.5B	R0903729-010	soil	7/7/2009	X	X	X	X	X	X						
RSAL4009-0.5BRE	R0903729-010RE	soil	7/7/2009	X											
TB070709-S1	R0903729-011	water	7/7/2009	X											
RSAL4-10B	R0903729-012	soil	7/7/2009	X	X	X	X	X							
RSAL4-28B	R0903729-013	soil	7/7/2009	X	X	X	X	X							
RSAL4-28BDL	R0903729-013DL	soil	7/7/2009	X											
SA100-10B	R0903729-014	soil	7/7/2009	X	X		X	X							
SA100-30B	R0903729-015	soil	7/7/2009	X	X		X	X							
SA100-30BDL	R0903729-015DL	soil	7/7/2009	X											

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903729										LDC Rpt 21495L					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)						
SA69-0.5B	R0903729-016	soil	7/7/2009	X	X		X	X	X						
SA69-10B	R0903729-017	soil	7/7/2009	X	X		X	X							
SA69-29B	R0903729-018	soil	7/7/2009	X	X		X	X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903729				LDC Rpt 21495L											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	CLO4 (314)		
SA206-0.5B	R0903729-001	soil	7/6/2009	X	X	X	X	X	X	X	X	X	X		
SA206-10B	R0903729-002	soil	7/6/2009	X	X	X	X	X	X	X	X	X	X		
SA206-25B	R0903729-003	soil	7/6/2009	X	X	X	X	X	X	X	X	X	X		
SA206-30B	R0903729-004	soil	7/6/2009	X	X	X	X	X	X	X	X	X	X		
RSAK4-10B	R0903729-005	soil	7/6/2009	X	X	X	X	X	X	X	X	X	X		
RSAK4-20B	R0903729-006	soil	7/6/2009	X	X	X	X	X	X	X	X	X	X		
RSAK4-31B	R0903729-007	soil	7/6/2009	X	X	X	X	X	X	X	X	X	X		
RSAL4-0.5B	R0903729-009	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
RSAL4009-0.5B	R0903729-010	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
RSAL4-10B	R0903729-012	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
RSAL4-28B	R0903729-013	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
SA100-10B	R0903729-014	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
SA100-30B	R0903729-015	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
SA69-0.5B	R0903729-016	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
SA69-10B	R0903729-017	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		
SA69-29B	R0903729-018	soil	7/7/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903729								LDC Rpt 21495L							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlo rate (300.1)	Total Solids (160.3)								
SA206-0.5B	R0903729-001	soil	7/6/2009	X	X	X	X								
SA206-10B	R0903729-002	soil	7/6/2009	X	X	X	X								
SA206-25B	R0903729-003	soil	7/6/2009	X	X	X	X								
SA206-30B	R0903729-004	soil	7/6/2009	X	X	X	X								
RS4K4-10B	R0903729-005	soil	7/6/2009	X	X	X	X								
RS4K4-20B	R0903729-006	soil	7/6/2009	X	X	X	X								
RS4K4-31B	R0903729-007	soil	7/6/2009	X	X	X	X								
RS4L4-0.5B	R0903729-009	soil	7/7/2009	X	X	X	X								
RS4L4009-0.5B	R0903729-010	soil	7/7/2009	X	X	X	X								
RS4L4-10B	R0903729-012	soil	7/7/2009	X	X	X	X								
RS4L4-28B	R0903729-013	soil	7/7/2009	X	X	X	X								
SA100-10B	R0903729-014	soil	7/7/2009	X	X	X	X								
SA100-30B	R0903729-015	soil	7/7/2009	X	X	X	X								
SA69-0.5B	R0903729-016	soil	7/7/2009	X	X	X	X								
SA69-10B	R0903729-017	soil	7/7/2009	X	X	X	X								
SA69-29B	R0903729-018	soil	7/7/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 234654								LDC Rpt 21552A							
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
RSAL7-10B	234654019	soil	8/6/2009	X	X	X	X								
RSAL7-27B	234654020	soil	8/6/2009	X	X	X	X								
EB080609-SO	234654021	water	8/6/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903340				LDC Rpt 21563A											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)	Formald (8315A)		
RSAM8-0.5B	R0903340-001	soil	6/12/2009	X	X	X	X	X	X	X	X	X			
SA145-0.5B	R0903340-002	soil	6/12/2009	X					X		X	X			
TB061209-SO1	R0903340-003	water	6/12/2009	X											
SA85-0.5B	R0903340-004	soil	6/16/2009	X	X	X			X			X	X		
TB061609-SO1	R0903340-005	water	6/16/2009	X											
SA71-0.5B	R0903340-006	soil	6/16/2009	X	X				X	X	X	X			
SA71-0.5BDL	R0903340-006DL	soil	6/16/2009									X			
SA61-0.5B	R0903340-007	soil	6/16/2009	X					X	X		X			
SA62-0.5B	R0903340-008	soil	6/16/2009	X					X		X	X			
SA144-0.5B	R0903340-009	soil	6/16/2009	X	X				X	X	X	X			
SA92-0.5B	R0903340-011	soil	6/17/2009	X	X	X	X		X	X	X	X			
SA92-0.5BDL	R0903340-011DL	soil	6/17/2009									X			
SA49-0.5B	R0903340-012	soil	6/17/2009	X	X				X	X	X	X			
SA49-0.5BDL	R0903340-012DL	soil	6/17/2009									X			
SA63-0.5B	R0903340-013	soil	6/17/2009	X					X			X			
SA63-0.5BDL	R0903340-013DL	soil	6/17/2009									X			
TB061709-SO1	R0903340-014	water	6/17/2009	X											
SA158-0.5B	R0903340-015	soil	6/17/2009	X	X				X	X	X	X			
TB061809-SO1	R0903340-016	water	6/18/2009	X											

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903340													LDC Rpt 21563A		
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)	Formald (8315A)		
SA86-0.5B	R0903340-017	soil	6/18/2009	X	X	X	X		X	X	X	X			
SA86-0.5BDL	R0903340-017DL	soil	6/18/2009									X			
RSAM7-0.5B	R0903340-018	soil	6/18/2009	X	X	X			X	X	X	X			
RSAM6-0.5B	R0903340-019	soil	6/18/2009	X	X	X			X		X	X			
SA175-0.5B	R0903340-020	soil	6/18/2009	X	X				X	X	X	X			
SA175-0.5BDL	R0903340-020DL	soil	6/18/2009		X							X			

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903340				LDC Rpt 21563A											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	ClO4 (314)		
RSAM8-0.5B	R0903340-001	soil	6/12/2009	X	X	X	X	X	X	X	X	X	X		
SA145-0.5B	R0903340-002	soil	6/12/2009	X	X	X	X	X		X	X	X	X		
SA85-0.5B	R0903340-004	soil	6/16/2009	X	X	X	X	X	X	X	X	X	X		
SA71-0.5B	R0903340-006	soil	6/16/2009	X	X	X	X	X	X	X	X	X	X		
SA61-0.5B	R0903340-007	soil	6/16/2009	X	X	X	X	X		X	X	X	X		
SA62-0.5B	R0903340-008	soil	6/16/2009	X	X	X	X	X		X	X	X	X		
SA144-0.5B	R0903340-009	soil	6/16/2009	X	X	X	X	X	X	X	X	X	X		
SA92-0.5B	R0903340-011	soil	6/17/2009	X	X	X	X	X	X	X	X	X	X		
SA49-0.5B	R0903340-012	soil	6/17/2009	X	X	X	X	X	X	X	X	X	X		
SA63-0.5B	R0903340-013	soil	6/17/2009	X	X	X	X	X	X	X	X	X	X		
SA158-0.5B	R0903340-015	soil	6/17/2009	X	X	X	X	X	X	X	X	X	X		
SA86-0.5B	R0903340-017	soil	6/18/2009	X	X	X	X	X	X	X	X	X	X		
RSAM7-0.5B	R0903340-018	soil	6/18/2009	X	X	X	X	X	X	X	X	X	X		
RSAM6-0.5B	R0903340-019	soil	6/18/2009	X	X	X	X	X	X	X	X	X	X		
SA175-0.5B	R0903340-020	soil	6/18/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903340							LDC Rpt 21563A							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)								
RSAM8-0.5B	R0903340-001	soil	6/12/2009	X	X	X								
SA145-0.5B	R0903340-002	soil	6/12/2009	X	X	X								
SA85-0.5B	R0903340-004	soil	6/16/2009	X	X	X								
SA71-0.5B	R0903340-006	soil	6/16/2009	X	X	X								
SA61-0.5B	R0903340-007	soil	6/16/2009	X	X	X								
SA62-0.5B	R0903340-008	soil	6/16/2009	X	X	X								
SA144-0.5B	R0903340-009	soil	6/16/2009	X	X	X								
SA92-0.5B	R0903340-011	soil	6/17/2009	X	X	X								
SA49-0.5B	R0903340-012	soil	6/17/2009	X	X	X								
SA63-0.5B	R0903340-013	soil	6/17/2009	X	X	X								
SA158-0.5B	R0903340-015	soil	6/17/2009	X	X	X								
SA86-0.5B	R0903340-017	soil	6/18/2009	X	X	X								
RSAM7-0.5B	R0903340-018	soil	6/18/2009	X	X	X								
RSAM6-0.5B	R0903340-019	soil	6/18/2009	X	X	X								
SA175-0.5B	R0903340-020	soil	6/18/2009	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903820											LDC Rpt 21563B				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)	Formald ehyde (8315A)					
EB070809-SO	R0903820-001	water	7/8/2009	X	X	X	X	X		X					
EB070809-SORE	R0903820-001RE	water	7/8/2009					X							
RSAN3-0.5B	R0903820-002	soil	7/8/2009	X	X	X	X	X	X	X					
RSAN3-10B	R0903820-003	soil	7/8/2009	X	X	X	X	X		X					
RSAN3-20B	R0903820-004	soil	7/8/2009	X	X	X	X	X		X					
RSAN3009-20B	R0903820-005	soil	7/8/2009	X	X	X	X	X		X					
RSAN3-32B	R0903820-006	soil	7/8/2009	X	X	X	X	X		X					
TB070809-S1	R0903820-007	water	7/8/2009	X											
RSAM4-0.5B	R0903820-008	soil	7/8/2009	X	X	X	X	X	X						
RSAM4-10B	R0903820-009	soil	7/8/2009	X	X	X	X	X							
RSAM4-30B	R0903820-010	soil	7/8/2009	X	X	X	X	X							
RSAM4-30BDL	R0903820-010DL	soil	7/8/2009	X											
RSAN4-0.5B	R0903820-011	soil	7/8/2009	X	X	X	X	X	X						
RSAN4-10B	R0903820-012	soil	7/9/2009	X	X	X	X	X							
RSAN4009-10B	R0903820-013	soil	7/9/2009	X	X	X	X	X							
TB070909-SO1	R0903820-014	water	7/9/2009	X											
RSAN4-20B	R0903820-015	soil	7/9/2009	X	X	X	X	X							
RSAN4-31B	R0903820-016	soil	7/9/2009	X	X	X	X	X							
RSAN4-31BDL	R0903820-016DL	soil	7/9/2009	X											

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903820											LDC Rpt 21563B				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)	Formald ehyde (8315A)					
SA85-10B	R0903820-017	soil	7/9/2009	X	X	X	X			X					
SA85-20B	R0903820-018	soil	7/9/2009	X	X	X	X			X					
SA85-33B	R0903820-019	soil	7/9/2009	X	X	X	X			X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903820				LDC Rpt 21563B											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	CLO4 (314)		
EB070809-SO	R0903820-001	water	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAN3-0.5B	R0903820-002	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAN3-10B	R0903820-003	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAN3-20B	R0903820-004	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAN3009-20B	R0903820-005	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAN3-32B	R0903820-006	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAM4-0.5B	R0903820-008	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAM4-10B	R0903820-009	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAM4-30B	R0903820-010	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAN4-0.5B	R0903820-011	soil	7/8/2009	X	X	X	X	X	X	X	X	X	X		
RSAN4-10B	R0903820-012	soil	7/9/2009	X	X	X	X	X	X	X	X	X	X		
RSAN4009-10B	R0903820-013	soil	7/9/2009	X	X	X	X	X	X	X	X	X	X		
RSAN4-20B	R0903820-015	soil	7/9/2009	X	X	X	X	X	X	X	X	X	X		
RSAN4-31B	R0903820-016	soil	7/9/2009	X	X	X	X	X	X	X	X	X	X		
SA85-10B	R0903820-017	soil	7/9/2009	X	X	X	X	X	X	X	X	X	X		
SA85-20B	R0903820-018	soil	7/9/2009	X	X	X	X	X	X	X	X	X	X		
SA85-33B	R0903820-019	soil	7/9/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903820							LDC Rpt 21563B								
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)									
EB070809-SO	R0903820-001	water	7/8/2009	X		X									
RSAN3-0.5B	R0903820-002	soil	7/8/2009	X	X	X									
RSAN3-10B	R0903820-003	soil	7/8/2009	X	X	X									
RSAN3-20B	R0903820-004	soil	7/8/2009	X	X	X									
RSAN3009-20B	R0903820-005	soil	7/8/2009	X	X	X									
RSAN3-32B	R0903820-006	soil	7/8/2009	X	X	X									
RSAM4-0.5B	R0903820-008	soil	7/8/2009	X	X	X									
RSAM4-10B	R0903820-009	soil	7/8/2009	X	X	X									
RSAM4-30B	R0903820-010	soil	7/8/2009	X	X	X									
RSAN4-0.5B	R0903820-011	soil	7/8/2009	X	X	X									
RSAN4-10B	R0903820-012	soil	7/9/2009	X	X	X									
RSAN4009-10B	R0903820-013	soil	7/9/2009	X	X	X									
RSAN4-20B	R0903820-015	soil	7/9/2009	X	X	X									
RSAN4-31B	R0903820-016	soil	7/9/2009	X	X	X									
SA85-10B	R0903820-017	soil	7/9/2009	X	X	X									
SA85-20B	R0903820-018	soil	7/9/2009	X	X	X									
SA85-33B	R0903820-019	soil	7/9/2009	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903866										LDC Rpt 21563C					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)						
EB071009-SO	R0903866-001	water	7/10/2009	X	X	X	X		X						
RSAM2-10B	R0903866-003	soil	7/10/2009	X	X	X	X		X						
RSAM2-20B	R0903866-004	soil	7/10/2009	X	X	X	X		X						
RSAM2-20BDL	R0903866-004DL	soil	7/10/2009	X		X									
RSAM2009-20B	R0903866-005	soil	7/10/2009	X	X	X	X		X						
RSAM2009-20BDL	R0903866-005DL	soil	7/10/2009			X									
RSAM2-35B	R0903866-006	soil	7/10/2009	X	X	X	X		X						
TB070909-SO1	R0903866-007	water	7/10/2009	X											
SA35-10B	R0903866-008	soil	7/10/2009	X	X	X	X	X	X						
SA35-20B	R0903866-009	soil	7/10/2009	X	X	X	X	X	X						
SA35-32B	R0903866-010	soil	7/10/2009	X	X	X	X	X	X						
SA35009-32B	R0903866-011	soil	7/10/2009	X	X	X	X	X	X						
RSAM3-10B	R0903866-012	soil	7/13/2009	X	X	X	X	X	X						
RSAM3-30B	R0903866-013	soil	7/13/2009	X	X	X	X	X	X						
SA176-10B	R0903866-014	soil	7/13/2009	X	X	X	X		X						
SA176-25B	R0903866-015	soil	7/13/2009	X	X	X	X		X						
SA176-37B	R0903866-016	soil	7/13/2009	X	X	X	X		X						
SA176009-37B	R0903866-017	soil	7/13/2009	X	X	X	X		X						
TB071309-S1	R0903866-018	water	7/13/2009	X											

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903866										LDC Rpt 21563C					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)						
SA55-25B	R0903866-019	soil	7/14/2009	X	X		X		X						
TB071409-SO1	R0903866-020	water	7/14/2009	X											
SA55-35B	R0903866-021	soil	7/14/2009	X	X		X		X						
RSA03-10B	R0903866-022	soil	7/14/2009	X	X	X	X		X						
RSA03-20B	R0903866-023	soil	7/14/2009	X	X	X	X		X						
RSA03009-20B	R0903866-024	soil	7/14/2009	X	X	X	X		X						
RSA03009-20BDL	R0903866-024DL	soil	7/14/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903866				LDC Rpt 21563C											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	ClO4 (314)		
EB071009-SO	R0903866-001	water	7/10/2009	X	X	X	X	X	X	X	X	X	X		
RSAM2-10B	R0903866-003	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
RSAM2-20B	R0903866-004	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
RSAM2009-20B	R0903866-005	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
RSAM2-35B	R0903866-006	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
SA35-10B	R0903866-008	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
SA35-20B	R0903866-009	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
SA35-32B	R0903866-010	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
SA35009-32B	R0903866-011	soil	7/10/2009	X	X	X	X	X	X	X	X	X	X		
RSAM3-10B	R0903866-012	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
RSAM3-30B	R0903866-013	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
SA176-10B	R0903866-014	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
SA176-25B	R0903866-015	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
SA176-37B	R0903866-016	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
SA176009-37B	R0903866-017	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
SA55-25B	R0903866-019	soil	7/14/2009	X	X	X	X	X	X	X	X	X	X		
SA55-35B	R0903866-021	soil	7/14/2009	X	X	X	X	X	X	X	X	X	X		
RSA03-10B	R0903866-022	soil	7/14/2009	X	X	X	X	X	X	X	X	X	X		
RSA03-20B	R0903866-023	soil	7/14/2009	X	X	X	X	X	X	X	X	X	X		

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903866										LDC Rpt 21563C					
Sample ID	Lab ID	Matrix	Date Collected	Aik. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phos-phorus (365.1)	CLO4 (314)		
RSA03009-20B	R0903866-024	soil	7/14/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903866							LDC Rpt 21563C							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)								
EB071009-SO	R0903866-001	water	7/10/2009	X	X	X								
RSAM2-10B	R0903866-003	soil	7/10/2009	X	X	X								
RSAM2-20B	R0903866-004	soil	7/10/2009	X	X	X								
RSAM2009-20B	R0903866-005	soil	7/10/2009	X	X	X								
RSAM2-35B	R0903866-006	soil	7/10/2009	X	X	X								
SA35-10B	R0903866-008	soil	7/10/2009	X	X	X								
SA35-20B	R0903866-009	soil	7/10/2009	X	X	X								
SA35-32B	R0903866-010	soil	7/10/2009	X	X	X								
SA35009-32B	R0903866-011	soil	7/10/2009	X	X	X								
RSAM3-10B	R0903866-012	soil	7/13/2009	X	X	X								
RSAM3-30B	R0903866-013	soil	7/13/2009	X	X	X								
SA176-10B	R0903866-014	soil	7/13/2009	X	X	X								
SA176-25B	R0903866-015	soil	7/13/2009	X	X	X								
SA176-37B	R0903866-016	soil	7/13/2009	X	X	X								
SA176009-37B	R0903866-017	soil	7/13/2009	X	X	X								
SA55-25B	R0903866-019	soil	7/14/2009	X	X	X								
SA55-35B	R0903866-021	soil	7/14/2009	X	X	X								
RSA03-10B	R0903866-022	soil	7/14/2009	X	X	X								
RSA03-20B	R0903866-023	soil	7/14/2009	X	X	X								

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903866										LDC Rpt 21563C					
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)									
RSA03009-20B	R0903866-024	soil	7/14/2009	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0903926										LDC Rpt 21563D					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	Metals (SW846)	TPH-E (8015B)						
RSAM3-10BSPLP2	R0903926-001	soil	7/13/2009		X	X	X	X	X						
RSAM3-10BSPLP3	R0903926-002	soil	7/13/2009	X	X	X	X	X	X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903926				LDC Rpt 21563D											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cond. (120.1)	Cr(VI) (218.6/7199)	pH (9040B/9045D)	Phos-phorus (365.1)	CLO4 (314)	
RSAM3-10BSPLP2	R0903926-001	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
RSAM3-10BSPLP3	R0903926-002	soil	7/13/2009	X	X	X	X	X	X	X	X	X	X		
RSAM3-10BSPLP2-SPLPextract	R0903926-003	water	7/13/2009											X	
RSAM3-10BSPLP3-SPLPextract	R0903926-004	water	7/13/2009											X	
RSAM3-10SPLP2	R0903926-005	soil	7/13/2009			Cl	X								
RSAM3-10SPLP3	R0903926-006	soil	7/13/2009			Cl	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903926										LDC Rpt 21563D					
Sample ID	Lab ID	Matrix	Date Collected	TDS (2540C)	MBAS (5540C)	Chlorate (300.1)	TSS (2540D)	TOC (9060)							
RSAM3-10BSPLP2	R0903926-001	soil	7/13/2009	X	X			X							
RSAM3-10BSPLP3	R0903926-002	soil	7/13/2009	X	X			X							
RSAM3-10BSPLP2-SPLPextract	R0903926-003	water	7/13/2009			X									
RSAM3-10BSPLP3-SPLPextract	R0903926-004	water	7/13/2009			X									
RSAM3-10BSPLP2RS	R0903926-005	soil	7/13/2009		X		X								
RSAM3-10BSPLP3RS	R0903926-006	soil	7/13/2009		X		X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903970											LDC Rpt 21563E				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)					
SA74-0.5B	R0903970-001	soil	7/15/2009	X	X			X	X	X					
SA74009-0.5B	R0903970-002	soil	7/15/2009	X	X			X	X						
SA74-10B	R0903970-003	soil	7/15/2009	X	X			X	X						
SA74-29B	R0903970-004	soil	7/15/2009	X	X			X	X						
RSAL5-0.5B	R0903970-005	soil	7/15/2009	X	X	X		X	X	X					
TB071509-SO	R0903970-006	water	7/15/2009	X											
RSAL5-10B	R0903970-007	soil	7/15/2009	X	X	X		X	X						
RSAL5-30B	R0903970-008	soil	7/15/2009	X	X	X		X	X						
RSAK5-10B	R0903970-009	soil	7/15/2009	X	X	X		X	X						
RSAK5-22B	R0903970-010	soil	7/15/2009	X	X	X		X	X						
RSAK5-22BRE	R0903970-010RE	soil	7/15/2009			X									
RSAJ5-10B	R0903970-011	soil	7/15/2009	X	X	X		X	X						
EB071509-SO	R0903970-012	water	7/15/2009	X	X			X	X	X					
SA55-10B	R0903970-013	soil	7/16/2009	X	X			X	X						
SA55-25B	R0903970-014	soil	7/16/2009	X	X			X	X						
SA55-25BDL	R0903970-014DL	soil	7/16/2009	X											
TB071609-SO1	R0903970-015	water	7/16/2009	X											
SA55-35B	R0903970-016	soil	7/16/2009	X	X			X	X						
RSAJ5-19B	R0903970-017	soil	7/16/2009	X	X	X		X	X						

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903970											LDC Rpt 21563E				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)					
RSAJ5-19BDL	R0903970-017DL	soil	7/16/2009		X	X									
RSAJ5009-19B	R0903970-018	soil	7/16/2009	X	X	X		X	X						
RSAJ5009-19BDL	R0903970-018DL	soil	7/16/2009		X	X									
RSA03-10B	R0903970-019	soil	7/16/2009	X	X	X		X	X						
RSA03-20B	R0903970-020	soil	7/16/2009	X	X	X		X	X						
RSA03009-20B	R0903970-021	soil	7/16/2009	X	X	X		X	X						
RSA03-31B	R0903970-022	soil	7/16/2009	X	X	X	X	X	X						
SA189-10B	R0903970-023	soil	7/16/2009	X	X			X	X						
SA189-29B	R0903970-024	soil	7/16/2009	X	X			X	X						
EB071609-SO	R0903970-025	water	7/16/2009	X	X	X	X	X	X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903970				LDC Rpt 21563E											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	CLO4 (314)		
SA74-0.5B	R0903970-001	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
SA74009-0.5B	R0903970-002	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
SA74-10B	R0903970-003	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
SA74-29B	R0903970-004	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
RSAL5-0.5B	R0903970-005	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
RSAL5-10B	R0903970-007	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
RSAL5-30B	R0903970-008	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
RSAK5-10B	R0903970-009	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
RSAK5-22B	R0903970-010	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ5-10B	R0903970-011	soil	7/15/2009	X	X	X	X	X	X	X	X	X	X		
EB071509-SO	R0903970-012	water	7/15/2009	X	X	X	X	X	X	X	X	X	X		
SA55-10B	R0903970-013	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
SA55-25B	R0903970-014	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
SA55-35B	R0903970-016	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ5-19B	R0903970-017	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ5009-19B	R0903970-018	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
RSA03-10B	R0903970-019	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
RSA03-20B	R0903970-020	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
RSA03009-20B	R0903970-021	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903970				LDC Rpt 21563E											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	ClO4 (314)		
RSA03-31B	R0903970-022	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
SA189-10B	R0903970-023	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
SA189-29B	R0903970-024	soil	7/16/2009	X	X	X	X	X	X	X	X	X	X		
EB071609-SO	R0903970-025	water	7/16/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903970							LDC Rpt 21563E							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)								
SA74-0.5B	R0903970-001	soil	7/15/2009	X	X	X								
SA74009-0.5B	R0903970-002	soil	7/15/2009	X	X	X								
SA74-10B	R0903970-003	soil	7/15/2009	X	X	X								
SA74-29B	R0903970-004	soil	7/15/2009	X	X	X								
RSAL5-0.5B	R0903970-005	soil	7/15/2009	X	X	X								
RSAL5-10B	R0903970-007	soil	7/15/2009	X	X	X								
RSAL5-30B	R0903970-008	soil	7/15/2009	X	X	X								
RSAK5-10B	R0903970-009	soil	7/15/2009	X	X	X								
RSAK5-22B	R0903970-010	soil	7/15/2009	X	X	X								
RSAJ5-10B	R0903970-011	soil	7/15/2009	X	X	X								
EB071509-SO	R0903970-012	water	7/15/2009	X	X	X								
SA55-10B	R0903970-013	soil	7/16/2009	X	X	X								
SA55-25B	R0903970-014	soil	7/16/2009	X	X	X								
SA55-35B	R0903970-016	soil	7/16/2009	X	X	X								
RSAJ5-19B	R0903970-017	soil	7/16/2009	X	X	X								
RSAJ5009-19B	R0903970-018	soil	7/16/2009	X	X	X								
RSA03-10B	R0903970-019	soil	7/16/2009	X	X	X								
RSA03-20B	R0903970-020	soil	7/16/2009	X	X	X								
RSA03009-20B	R0903970-021	soil	7/16/2009	X	X	X								

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0903970							LDC Rpt 21563E								
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)									
RSA03-31B	R0903970-022	soil	7/16/2009	X	X	X									
SA189-10B	R0903970-023	soil	7/16/2009	X	X	X									
SA189-29B	R0903970-024	soil	7/16/2009	X	X	X									
EB071609-SO	R0903970-025	water	7/16/2009	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904016				LDC Rpt 21563F											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)	Formald (8315A)		
EB071709-SO	R0904016-001	water	7/17/2009	X	X	X			X		X				
RSAJ6-10B	R0904016-002	soil	7/17/2009	X	X	X			X		X				
RSAJ6-19B	R0904016-003	soil	7/17/2009	X	X	X			X		X				
TB071709-SO1	R0904016-004	water	7/17/2009	X											
RS AK6-10B	R0904016-005	soil	7/17/2009	X	X	X			X		X				
RS AK6-24B	R0904016-006	soil	7/17/2009	X	X	X			X		X				
SA75-0.5B	R0904016-007	soil	7/17/2009	X	X				X		X	X			
SA75-0.5BDL	R0904016-007DL	soil	7/17/2009									X			
SA76-10B	R0904016-008	soil	7/17/2009	X	X				X		X				
SA76-20B	R0904016-009	soil	7/17/2009	X	X				X		X				
SA75-10B	R0904016-010	soil	7/17/2009	X	X				X		X				
SA75-28B	R0904016-011	soil	7/17/2009	X	X				X		X				
RSAL8-10B	R0904016-012	soil	7/20/2009	X	X	X			X		X				
RSAL8-28B	R0904016-013	soil	7/20/2009	X	X	X			X		X				
TB072009-SO1	R0904016-014	water	7/20/2009	X											
RS AK8-10B	R0904016-015	soil	7/20/2009	X	X	X			X		X				
RS AK8-10BDL	R0904016-015DL	soil	7/20/2009			X									
RS AK8-26B	R0904016-016	soil	7/20/2009	X	X	X			X		X				
RS AK8009-26B	R0904016-017	soil	7/20/2009	X	X	X			X		X				

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904016													LDC Rpt 21563F			
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)	Formald (8315A)			
EB072009-SO	R0904016-018	water	7/20/2009	X	X	X			X		X					
FB072109-SO	R0904016-019	water	7/21/2009	X	X	X	X	X	X	X	X	X	X			
EB072109-SO	R0904016-020	water	7/21/2009	X	X	X	X	X	X	X	X					
TB072109-SO1	R0904016-021	water	7/21/2009	X												
SA166-31B	R0904016-024	soil	7/21/2009	X	X	X	X	X	X	X	X					
SA56-37B	R0904016-027	soil	7/21/2009	X	X		X	X	X	X	X					
SA56-37BDL	R0904016-027DL	soil	7/21/2009	X												
SA166-10B	R0904016-028	soil	7/21/2009	X	X	X			X	X	X					
SA166-20B	R0904016-029	soil	7/21/2009	X	X	X			X	X	X					
SA56-10B	R0904016-030	soil	7/21/2009	X	X				X	X	X					
SA56-25B	R0904016-031	soil	7/21/2009	X	X				X	X	X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904016				LDC Rpt 21563F											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	CLO4 (314)		
EB071709-SO	R0904016-001	water	7/17/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ6-10B	R0904016-002	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
RSAJ6-19B	R0904016-003	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
RSAK6-10B	R0904016-005	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
RSAK6-24B	R0904016-006	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
SA75-0.5B	R0904016-007	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
SA76-10B	R0904016-008	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
SA76-20B	R0904016-009	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
SA75-10B	R0904016-010	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
SA75-28B	R0904016-011	soil	7/17/2009	X	X	X	X	X		X	X	X	X		
RSAL8-10B	R0904016-012	soil	7/20/2009	X	X	X	X	X		X	X	X	X		
RSAL8-28B	R0904016-013	soil	7/20/2009	X	X	X	X	X		X	X	X	X		
RSAK8-10B	R0904016-015	soil	7/20/2009	X	X	X	X	X		X	X	X	X		
RSAK8-26B	R0904016-016	soil	7/20/2009	X	X	X	X	X		X	X	X	X		
RSAK8009-26B	R0904016-017	soil	7/20/2009	X	X	X	X	X		X	X	X	X		
EB072009-SO	R0904016-018	water	7/20/2009	X	X	X	X	X		X	X	X	X		
FB072109-SO	R0904016-019	water	7/21/2009	X	X	X	X	X	X	X	X	X	X		
EB072109-SO	R0904016-020	water	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA166-31B	R0904016-024	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904016										LDC Rpt 21563F					
Sample ID	Lab ID	Matrix	Date Collected	Aik. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	ClO4 (314)		
SA56-37B	R0904016-027	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA166-10B	R0904016-028	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA166-20B	R0904016-029	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA56-10B	R0904016-030	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA56-25B	R0904016-031	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904016							LDC Rpt 21563F							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)								
EB071709-SO	R0904016-001	water	7/17/2009	X	X	X								
RSAJ6-10B	R0904016-002	soil	7/17/2009	X	X	X								
RSAJ6-19B	R0904016-003	soil	7/17/2009	X	X	X								
RSAK6-10B	R0904016-005	soil	7/17/2009	X	X	X								
RSAK6-24B	R0904016-006	soil	7/17/2009	X	X	X								
SA75-0.5B	R0904016-007	soil	7/17/2009	X	X	X								
SA76-10B	R0904016-008	soil	7/17/2009	X	X	X								
SA76-20B	R0904016-009	soil	7/17/2009	X	X	X								
SA75-10B	R0904016-010	soil	7/17/2009	X	X	X								
SA75-28B	R0904016-011	soil	7/17/2009	X	X	X								
RSAL8-10B	R0904016-012	soil	7/20/2009	X	X	X								
RSAL8-28B	R0904016-013	soil	7/20/2009	X	X	X								
RSAK8-10B	R0904016-015	soil	7/20/2009	X	X	X								
RSAK8-26B	R0904016-016	soil	7/20/2009	X	X	X								
RSAK8009-26B	R0904016-017	soil	7/20/2009	X	X	X								
EB072009-SO	R0904016-018	water	7/20/2009	X	X	X								
FB072109-SO	R0904016-019	water	7/21/2009	X	X	X								
EB072109-SO	R0904016-020	water	7/21/2009	X	X	X								
SA166-31B	R0904016-024	soil	7/21/2009	X	X	X								

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904016							LDC Rpt 21563F							
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)								
SA56-37B	R0904016-027	soil	7/21/2009	X	X	X								
SA166-10B	R0904016-028	soil	7/21/2009	X	X	X								
SA166-20B	R0904016-029	soil	7/21/2009	X	X	X								
SA56-10B	R0904016-030	soil	7/21/2009	X	X	X								
SA56-25B	R0904016-031	soil	7/21/2009	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0904084							LDC Rpt 21563G							
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)					
SA166-10BSPLP2	R0904084-001	soil	7/21/2009		X	X	X		X					
SA166-10BSPLP3	R0904084-002	soil	7/21/2009	X	X	X	X	X	X					
SA56-10BSPLP2	R0904084-005	soil	7/21/2009		X		X		X					
SA56-10BSPLP3	R0904084-006	soil	7/21/2009	X	X		X	X	X					
SA182-10BSPLP2	R0904084-009	soil	7/22/2009		X	X	X		X					
SA182-10BSPLP3	R0904084-010	soil	7/22/2009	X	X	X	X		X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904084				LDC Rpt 21563G											
Sample ID	Lab ID	Matrix	Date Collected	Aik. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cond. (120.1)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phos-phorus (365.1)	CLO4 (314)	
SA166-10BSPLP2	R0904084-001	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA166-10BSPLP3	R0904084-002	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA166-10BSPLP2	R0904084-003	water	7/21/2009											X	
SA166-10BSPLP3	R0904084-004	water	7/21/2009											X	
SA56-10BSPLP2	R0904084-005	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SA56-10BSPLP3	R0904084-006	soil	7/21/2009	X	X	X	X	X	X	X	X	X	X		
SPLP56-10BSPLP2	R0904084-007	water	7/21/2009											X	
SPLP56-10BSPLP3	R0904084-008	water	7/21/2009											X	
SA182-10BSPLP2	R0904084-009	soil	7/22/2009	X	X	X	X	X	X	X	X	X	X		
SA182-10BSPLP3	R0904084-010	soil	7/22/2009	X	X	X	X	X	X	X	X	X	X		
SA182-10BSPLP2	R0904084-011	water	7/22/2009											X	
SA182-10BSPLP3	R0904084-012	water	7/22/2009											X	
SA166-10BSPLP2R E	R0904084-013	soil	7/21/2009			Cl									
SA56-10BSPLP2R E	R0904084-014	soil	7/21/2009			Cl									
SA182-10BSPLP2R E	R0904084-015	soil	7/22/2009			Cl									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904084				LDC Rpt 21563G												
Sample ID	Lab ID	Matrix	Date Collected	TSS (2540D)	TDS (2540C)	MBAS (5540C)	Chlorate (300.1)	TOC (9060)								
SA166-10BSPLP2	R0904084-001	soil	7/21/2009	X	X	X		X								
SA166-10BSPLP3	R0904084-002	soil	7/21/2009	X	X	X		X								
SA166-10BSPLP2	R0904084-003	water	7/21/2009				X									
SA166-10BSPLP3	R0904084-004	water	7/21/2009				X									
SA56-10BSPLP2	R0904084-005	soil	7/21/2009	X	X	X		X								
SA56-10BSPLP3	R0904084-006	soil	7/21/2009	X	X	X		X								
SPLP56-10BSPLP2	R0904084-007	water	7/21/2009				X									
SPLP56-10BSPLP3	R0904084-008	water	7/21/2009				X									
SA182-10BSPLP2	R0904084-009	soil	7/22/2009	X	X	X		X								
SA182-10BSPLP3	R0904084-010	soil	7/22/2009	X	X	X		X								
SA182-10BSPLP2	R0904084-011	water	7/22/2009				X									
SA182-10BSPLP3	R0904084-012	water	7/22/2009				X									
SA166-10BSPLP3R E	R0904084-016	soil	7/21/2009			X										
SA56-10BSPLP3R E	R0904084-017	soil	7/21/2009			X										
SA182-10BSPLP3R E	R0904084-018	soil	7/22/2009			X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904102				LDC Rpt 21563H											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)			
SA182-10B	R0904102-001	soil	7/22/2009	X	X	X			X		X				
SA182-25B	R0904102-002	soil	7/22/2009	X	X	X			X		X				
SA182-38B	R0904102-003	soil	7/22/2009	X	X	X			X		X				
TB072209-SO	R0904102-004	water	7/22/2009	X											
EB072209-SO	R0904102-005	water	7/22/2009	X	X	X			X		X				
EB072409-SO	R0904102-017	water	7/24/2009	X	X	X			X		X	X			
RSAH3-0.5B	R0904102-018	soil	7/24/2009	X	X	X			X		X	X			
RSAH3-0.5BDL	R0904102-018DL	soil	7/24/2009									X			
RSAH3009-0.5B	R0904102-019	soil	7/24/2009	X	X	X			X		X	X			
RSAH3009-0.5BDL	R0904102-019DL	soil	7/24/2009									X			
RSAH3-10B	R0904102-020	soil	7/24/2009	X	X	X			X		X				
RSAH3-20B	R0904102-021	soil	7/24/2009	X	X	X			X		X				
TB072409-SO1	R0904102-022	water	7/24/2009	X											
RSAH3-32B	R0904102-023	soil	7/24/2009	X	X	X			X		X				
RSAI4-0.5B	R0904102-024	soil	7/24/2009	X	X	X			X		X	X			
RSAI4-10B	R0904102-025	soil	7/24/2009	X	X	X			X		X				
TB072409-SO2	R0904102-026	water	7/24/2009	X											
RSAI4-20B	R0904102-027	soil	7/24/2009	X	X	X			X		X				
RSAI4-32B	R0904102-028	soil	7/24/2009	X	X	X			X		X				

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904102													LDC Rpt 21563H			
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)				
RSAI5-0.5B	R0904102-029	soil	7/24/2009	X	X	X			X		X	X				
RSAI5-10B	R0904102-030	soil	7/24/2009	X	X	X			X		X					
RSAI5009-10B	R0904102-031	soil	7/24/2009	X	X	X			X		X					
RSAI5-28B	R0904102-032	soil	7/24/2009	X	X	X			X		X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904102				LDC Rpt 21563H											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	CLO4 (314)		
SA182-10B	R0904102-001	soil	7/22/2009	X	X	X	X	X	X	X	X	X	X		
SA182-25B	R0904102-002	soil	7/22/2009	X	X	X	X	X	X	X	X	X	X		
SA182-38B	R0904102-003	soil	7/22/2009	X	X	X	X	X	X	X	X	X	X		
EB072209-SO	R0904102-005	water	7/22/2009	X	X	X	X	X	X	X	X	X	X		
EB072409-SO	R0904102-017	water	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAH3-0.5B	R0904102-018	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAH3009-0.5B	R0904102-019	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAH3-10B	R0904102-020	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAH3-20B	R0904102-021	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAH3-32B	R0904102-023	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI4-0.5B	R0904102-024	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI4-10B	R0904102-025	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI4-20B	R0904102-027	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI4-32B	R0904102-028	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI5-0.5B	R0904102-029	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI5-10B	R0904102-030	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI5009-10B	R0904102-031	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		
RSAI5-28B	R0904102-032	soil	7/24/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904102							LDC Rpt 21563H										
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)											
SA182-10B	R0904102-001	soil	7/22/2009	X	X	X											
SA182-25B	R0904102-002	soil	7/22/2009	X	X	X											
SA182-38B	R0904102-003	soil	7/22/2009	X	X	X											
EB072209-SO	R0904102-005	water	7/22/2009	X	X	X											
EB072409-SO	R0904102-017	water	7/24/2009	X	X	X											
RSAH3-0.5B	R0904102-018	soil	7/24/2009	X	X	X											
RSAH3009-0.5B	R0904102-019	soil	7/24/2009	X	X	X											
RSAH3-10B	R0904102-020	soil	7/24/2009	X	X	X											
RSAH3-20B	R0904102-021	soil	7/24/2009	X	X	X											
RSAH3-32B	R0904102-023	soil	7/24/2009	X	X	X											
RSAI4-0.5B	R0904102-024	soil	7/24/2009	X	X	X											
RSAI4-10B	R0904102-025	soil	7/24/2009	X	X	X											
RSAI4-20B	R0904102-027	soil	7/24/2009	X	X	X											
RSAI4-32B	R0904102-028	soil	7/24/2009	X	X	X											
RSAI5-0.5B	R0904102-029	soil	7/24/2009	X	X	X											
RSAI5-10B	R0904102-030	soil	7/24/2009	X	X	X											
RSAI5009-10B	R0904102-031	soil	7/24/2009	X	X	X											
RSAI5-28B	R0904102-032	soil	7/24/2009	X	X	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904223											LDC Rpt 21583A				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	TPH-E (8015B)					
RSAJ3-10BSPLP2	R0904223-017	soil	8/3/2009		X	X			X	X					
RSAJ3-10BSPLP3	R0904223-018	soil	8/3/2009	X	X	X			X	X					
RSAJ3-29BSPLP2	R0904223-019	soil	8/3/2009		X	X			X	X					
RSAJ3-29BSPLP3	R0904223-020	soil	8/3/2009	X	X	X			X	X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904223				LDC Rpt 21583A											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cond. (120.1)	Cr(VI) (218.6/7199)	pH (9040B/9045D)	Phosphorus (365.1)	CLO4 (314)	
RSAJ3-10BSPLP2	R0904223-017	soil	8/3/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ3-10BSPLP3	R0904223-018	soil	8/3/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ3-29BSPLP2	R0904223-019	soil	8/3/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ3-29BSPLP2RE	R0904223-019RE	soil	8/3/2009				X								
RSAJ3-29BSPLP3	R0904223-020	soil	8/3/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ3-10SPLP2offSPLPextract#2	R0904223-021	water	8/3/2009											X	
RSAJ3-10BSPLP3offSPLPextract#3	R0904223-022	water	8/3/2009											X	
RSAJ3-29BSPLP2offSPLPextract#2	R0904223-023	water	8/3/2009											X	
RSAJ3-29BSPLPoffSPLPextract#3	R0904223-024	water	8/3/2009											X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904223				LDC Rpt 21583A												
Sample ID	Lab ID	Matrix	Date Collected	TSS (2540D)	TDS (2540C)	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)								
RSAJ3-10BSPLP2	R0904223-017	soil	8/3/2009	X	X	X	X									
RSAJ3-10BSPLP3	R0904223-018	soil	8/3/2009	X	X	X	X									
RSAJ3-29BSPLP2	R0904223-019	soil	8/3/2009	X	X	X	X									
RSAJ3-29BSPLP3	R0904223-020	soil	8/3/2009	X	X	X	X									
RSAJ3-10SPLP2offSPLPextract#2	R0904223-021	water	8/3/2009					X								
RSAJ3-10BSPLP3offSPLPextract#3	R0904223-022	water	8/3/2009					X								
RSAJ3-29BSPLP2offSPLPextract#2	R0904223-023	water	8/3/2009					X								
RSAJ3-29BSPLPoffSPLPextract#3	R0904223-024	water	8/3/2009					X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904279											LDC Rpt 21583B				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	Metals (SW846)	TPH-E (8015B)	Dioxins (8290)					
SA127-10B	R0904279-001	soil	7/31/2009	X	X			X	X						
SA127-20B	R0904279-002	soil	7/31/2009	X	X			X							
TB073109-SO1	R0904279-003	water	7/31/2009	X											
SA127-32B	R0904279-004	soil	7/31/2009	X	X			X	X						
SA127-32BRE	R0904279-004RE	soil	7/31/2009	X	X										
SA127-5B-berm	R0904279-005	soil	7/31/2009	X	X			X	X						
SA127-5B-bermDL	R0904279-005DL	soil	7/31/2009		X										
SA127-10B-berm	R0904279-006	soil	7/31/2009	X	X			X	X						
SA127-10B-bermDL	R0904279-006DL	soil	7/31/2009		X										
RSAJ3-10B	R0904279-007	soil	7/31/2009	X	X	X		X	X						
RSAJ3-29B	R0904279-008	soil	7/31/2009	X	X	X		X	X						
EB073109-SO	R0904279-009	water	7/31/2009	X	X	X		X	X						
TB073109-SO2	R0904279-010	water	7/31/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904279				LDC Rpt 21583B											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B /9045D)	Phosphorus (365.1)	ClO4 (314)		
SA127-10B	R0904279-001	soil	7/31/2009	X	X	X	X	X		X	X	X	X		
SA127-20B	R0904279-002	soil	7/31/2009	X	X	X	X	X		X	X	X	X		
SA127-32B	R0904279-004	soil	7/31/2009	X	X	X	X	X		X	X	X	X		
SA127-5B-berm	R0904279-005	soil	7/31/2009	X	X	X	X	X		X	X	X	X		
SA127-10B-berm	R0904279-006	soil	7/31/2009	X	X	X	X	X		X	X	X	X		
RSAJ3-10B	R0904279-007	soil	7/31/2009	X	X	X	X	X	X	X	X	X	X		
RSAJ3-29B	R0904279-008	soil	7/31/2009	X	X	X	X	X	X	X	X	X	X		
EB073109-SO	R0904279-009	water	7/31/2009	X	X	X	X	X	X	X	X	X	X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904279							LDC Rpt 21583B								
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)									
SA127-10B	R0904279-001	soil	7/31/2009	X	X	X									
SA127-20B	R0904279-002	soil	7/31/2009	X	X	X									
SA127-32B	R0904279-004	soil	7/31/2009	X	X	X									
SA127-5B-berm	R0904279-005	soil	7/31/2009	X	X	X									
SA127-10B-berm	R0904279-006	soil	7/31/2009	X	X	X									
RSAJ3-10B	R0904279-007	soil	7/31/2009	X	X	X									
RSAJ3-29B	R0904279-008	soil	7/31/2009	X	X	X									
EB073109-SO	R0904279-009	water	7/31/2009	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904426				LDC Rpt 21583C											
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)	GRO (8015B)	TPH-E (8015B)	Dioxins (8290)			
EB080609-SO	R0904426-001	water	8/6/2009	X	X	X			X		X				
EB080609-SORE	R0904426-001RE	water	8/6/2009			X									
RSAL7-10B	R0904426-002	soil	8/6/2009	X	X	X			X		X				
RSAL7-27B	R0904426-003	soil	8/6/2009	X	X	X			X		X				
TB080609-S1	R0904426-004	water	8/6/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0904426				LDC Rpt 21583C											
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cr(VI) (218.6/7199)	pH (9040B/9045D)	Phos-phorus (365.1)	CLO4 (314)		
EB080609-SO	R0904426-001	water	8/6/2009	X	X	X	X	X		X	X	X	X		
RSAL7-10B	R0904426-002	soil	8/6/2009	X	X	X	X	X		X	X	X	X		
RSAL7-27B	R0904426-003	soil	8/6/2009	X	X	X	X	X		X	X	X	X		
RSAL7-27BRE	R0904426-003RE	soil	8/6/2009				X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG R0904426							LDC Rpt 21583C								
Sample ID	Lab ID	Matrix	Date Collected	MBAS (5540C)	TOC (L/K 9060)	Chlorate (300.1)									
EB080609-SO	R0904426-001	water	8/6/2009	X	X	X									
RSAL7-10B	R0904426-002	soil	8/6/2009	X	X	X									
RSAL7-27B	R0904426-003	soil	8/6/2009	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 233415							LDC Rpt 21666H								
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)								
RSAM3-10BSPLP	233415001	soil	7/13/2009	X	X	X	X								
SA166-10BSPLP	233415002	soil	7/21/2009	X	X	X	X								
SA56-10BSPLP	233415003	soil	7/21/2009	X	X	X	X								
SA182-10BSPLP	233415004	soil	7/22/2009	X	X	X	X								
RSAJ3-10BSPLP	233415009	soil	8/3/2009	X	X	X	X								
RSAJ3-29BSPLP	233415010	soil	8/3/2009	X	X	X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG 8304638					LDC Rpt 21802A										
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)											
RSAJ3-10B	D9J070307-001	soil	10/6/2009	X											
RSAJ3-10B	D9J070307-002	soil	10/6/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG 090907609					LDC Rpt 21824A										
Sample ID	Lab ID	Matrix	Date Collected	Asb. (540-R-97-028)											
SA127-0.0B	090907609-0007	soil	9/16/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

LAB SDG R0905717					LDC Rpt 21839A										
Sample ID	Lab ID	Matrix	Date Collected	CN- (9012A)											
SA88-0.5B	R0905717-001	soil	10/6/2009	X											
SA100-0.5B	R0905717-002	soil	10/6/2009	X											
SA189-0.5B	R0905717-003	soil	10/6/2009	X											

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
 (Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

LAB SDG: 233413				LDC#: 22261A												
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904)	Iso. Thorium (HASL)	Iso. U (HASL)									
RSAM3-10BSPLP	233413001	soil	7/13/2009	X	X	X	X									
SA166-10BSPLP	233413002	soil	7/21/2009	X	X	X	X									
SA56-10BSPLP	233413003	soil	7/21/2009	X	X	X	X									
SA182-10BSPLP	233413004	soil	7/22/2009	X	X	X	X									
RSAJ3-10BSPLP	233413009	soil	8/3/2009	X	X	X	X									
RSAJ3-29BSPLP	233413010	soil	8/3/2009	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
 X = validation was performed, DI = Deionized Water, DL = Dilution, DISS= Dissolved, RE = Reanalysis/Reextraction

Table 1-3
Sample Delivery Groups and LDC Validation Reports
(Blank Columns Indicate No Other Test Methods Were Logged For A Given LDC Report)

Stage 2B/4 LDC #21563 (Tronox LLC-Northgate, Henderson NV / Tronox Phase B 2009)																																			
LDC	SDG#	DATE REC'D	(3) DATE DUE	VOA (8260B)		SVOA (8270C)		Pest. (8081A)		PCBs (8082)		PCB Cong. (1668A)		Metals (SW846)		GRO (8015)	TPH-E (8015B)		Dioxins (8290)		Formaldehyde (8315A)		Alk. (2320B)	NH ₃ -N (350.1M)		Br,SO ₄ (9056)		Cl (9056)		NO ₂ -N (9056)		NO ₃ -N (353.2)			
				W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
Matrix: Water/Soil																																			
A	R0903340	9/16/2009	10/7/2009	4	15	0	12	0	6	0	3	0	1	0	15	0	10	0	12	0	21	0	1	0	15	0	15	0	15	0	15	0	15		
B	R0903820	9/16/2009	10/7/2009	3	18	1	16	1	16	-	-	-	-	1	16	-	-	2	13	0	3	1	7	1	16	1	16	1	16	1	16	1	16		
B	R0903820	9/16/2009	10/7/2009	0	0	0	0	0	0	-	-	-	-	0	0	-	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		
C	R0903866	9/16/2009	10/7/2009	4	21	1	19	1	19	-	-	-	-	1	19	0	6	1	19	-	-	-	-	1	19	1	19	1	19	1	19	1	19		
D	R0903926	9/16/2009	10/7/2009	0	1	0	2	0	2	0	2	-	-	0	2	-	-	0	2	-	-	-	-	0	2	0	2	0	2	0	4	0	4	0	2
E	R0903970	9/16/2009	10/7/2009	4	22	2	23	1	15	1	1	-	-	2	21	-	-	2	21	0	3	-	-	2	21	2	21	2	21	2	21	2	21		
F	R0904016	9/16/2009	10/7/2009	7	21	4	20	4	13	2	2	2	2	4	20	2	3	4	20	1	2	1	0	4	20	4	20	4	20	4	20	4	20		
F	R0904016	9/16/2009	10/7/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	R0904084	9/16/2009	10/7/2009	0	3	0	6	0	4	-	-	-	-	0	6	0	1	0	6	-	-	-	-	0	6	0	6	0	6	0	9	0	6	0	6
G	R0904084	9/16/2009	10/7/2009	0	0	0	0	0	0	-	-	-	-	0	0	0	1	0	0	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
H	R0904102	9/16/2009	10/7/2009	7	25	3	23	3	20	1	4	1	4	3	25	1	7	3	25	2	9	-	-	3	25	3	25	3	25	3	25	3	25		
Total	T/LR			29	126	11	121	10	95	4	12	3	7	11	124	3	31	12	118	3	38	2	9	11	124	11	124	11	129	11	126	11	124		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

Stage 2B/4 LDC #21563 (Tronox LLC-Northgate, Henderson NV / Tronox Phase B 2009)																																			
LDC	SDG#	DATE REC'D	(3) DATE DUE	CN- (9012)		Cond. (120.1)		Cr(VI) (218.6/7199)		pH (9040/9045)		Phos-phorus (365.1)		CLO ₄ (314)		TSS (2540)	TDS (2540C)		MBAS (5540C)	TOC (9060/L/K)		Chlorat (300.1)													
				W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
Matrix: Water/Soil																																			
A	R0903340	9/16/2009	10/7/2009	0	15	-	-	0	15	0	15	0	15	0	15	-	-	-	-	0	15	0	15	0	15										
B	R0903820	9/16/2009	10/7/2009	1	16	-	-	1	16	1	16	1	16	1	16	-	-	-	-	1	16	0	16	1	16										
C	R0903866	9/16/2009	10/7/2009	1	19	-	-	1	19	1	19	1	19	1	19	-	-	-	-	1	19	1	19	1	19										
D	R0903926	9/16/2009	10/7/2009	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	4	-	-	2	0										
E	R0903970	9/16/2009	10/7/2009	2	21	-	-	2	21	2	21	2	21	2	21	-	-	-	-	2	21	2	21	2	21										
F	R0904016	9/16/2009	10/7/2009	3	6	-	-	4	20	4	20	4	20	4	20	-	-	-	-	4	20	4	20	4	20										
G	R0904084	9/16/2009	10/7/2009	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	9	-	-	6	0										
H	R0904102	9/16/2009	10/7/2009	3	25	-	-	3	25	3	25	3	25	3	25	-	-	-	-	3	25	3	25	3	25										
Total	T/LR			10	110	0	8	11	124	11	124	11	124	13	122	0	8	0	8	11	129	10	116	19	116	0	0	0	0	0	0	0	0	0	0

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)

TABLE 2-1
Data Validation Qualifiers

Validation Qualifier	Definition
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, and the result may be biased high.
J-	The result is an estimated quantity, and the result may be biased low.
UJ	The analyte was not detected above the sample reporting limit, and the reporting limit is approximate.
U	The analyte was analyzed for, but was not detected above the sample reporting limit.
R	The result is rejected and unusable due to serious data deficiencies. The presence or absence of the analyte cannot be verified.
B	The result may be a false positive totally attributable to blank contamination. This qualifier is applied only to radiochemical results.
JB	The result may be biased high and partially attributable to blank contamination. This qualifier is applied only to radiochemical results.
JK	The result is an estimated maximum possible concentration.
X	The analytical result is not used for reporting because a more accurate and precise result is reported in its place.
J-TDS	The analytical result is estimated based on failure of the Total Dissolved Solids (TDS) correctness check performed in accordance with the Standard Method 1030E.
J-CAB	The analytical result is estimated based on failure of the cation-anion balance correctness check performed in accordance with the Standard Method 1030E.
J-TDS & CAB	The analytical result is unreliable based on failure of the cation-anion balance and TDS correctness check performed in accordance with the Standard Method 1030E.

Table 2-2
Data Validation Qualifier Reason Codes

Code	Explanation
a	qualified due to low abundance (radiochemical activity)
be	qualified due to equipment blank contamination
bf	qualified due to field blank contamination
bl	qualified due to lab blank contamination
bt	qualified due to trip blank contamination
bp	qualified due to pump blank contamination (wells w/o dedicated pumps, when contamination is detected in the Pump Blk)
br	qualified due to filter blank contamination (aqueous Hexavalent Chromium and Dissolved sample fractions)
c	qualified due to calibration problems
cp	qualified due to insufficient ingrowth (radiochemical only)
dc	duel column confirmation %D exceeded
e	concentration exceeded the calibration range
fd	qualified due to field duplicate imprecision
h	qualified due to holding time exceedance
i	qualified due to internal standard areas
k	qualified as Estimated Maximum Possible Concentrations (dioxins and PCB congeners)
l	qualified due to LCS recoveries
ld	qualified due to lab duplicate imprecision (matrix duplicate, MSD, LCSD)
m	qualified due to matrix spike recoveries
nb	qualified due to negative lab blank contamination (nondetect results only)
o	other
p	qualified as a false positive due to contamination during shipping
pH	sample preservation not within acceptance range
q	qualified due to quantitation problem
s	qualified due to surrogate recoveries
sd	serial dilution did not meet control criteria
sp	detected value reported >SQL <PQL
st	sample receipt temperature exceeded
t	qualified due to elevated helium tracer concentrations
vh	volatile headspace detected in aqueous sample containers submitted for VOC analysis
x	qualified due to low % solids
z	qualified due to ICS results

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
SA180-0.5B	R2844666	SW 846 8081	SO	4,4-DDD	76	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	4,4-DDE	740	ug/kg		J-	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	4,4-DDT	160	ug/kg		J-	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Aldrin	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Alpha-BHC	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Alpha-chlordane	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Beta-BHC	270	ug/kg		J-	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Delta-BHC	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Dieldrin	76	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Endosulfan I	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Endosulfan II	76	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Endosulfan Sulfate	76	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Endrin	76	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Endrin Aldehyde	76	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Endrin Ketone	76	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Gamma-BHC (Lindane)	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Gamma-Chlordane	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Heptachlor	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Heptachlor Epoxide	39	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Hexachlorobenzene	39	ug/kg		UJ	c,h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Methoxychlor	390	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Tech-Chlordane	190	ug/kg		UJ	h		25 days		14 days
SA180-0.5B	R2844666	SW 846 8081	SO	Toxaphene	760	ug/kg		UJ	h		25 days		14 days
SA87-20B	R2844666	SW 846 9056	SO	Nitrate (as N)	5.37	mg/kg		R	h	99.75 hours		48 hours	
SA87-25B	R2844666	SW 846 9056	SO	Nitrite as Nitrogen	15.0	mg/kg		R	h	101.25 hours		48 hours	
SA207-0.5B	R2844797	SW 846 9056	SO	Nitrite as Nitrogen	638	mg/kg		R	h	6 days		48 hours	
SA207-10B	R2844797	SW 846 9056	SO	Nitrate (as N)	64.2	mg/kg		R	h	6 days		48 hours	
SA207-10B	R2844797	SW 846 9056	SO	Nitrite as Nitrogen	642	mg/kg		R	h	6 days		48 hours	
SA207-30B	R2844797	SW 846 9056	SO	Nitrate (as N)	112	mg/kg		R	h	10 days		48 hours	
SA207-30B	R2844797	SW 846 9056	SO	Nitrite as Nitrogen	112	mg/kg		R	h	10 days		48 hours	
RSAN2-10B	R2844862	SW 846 9056	SO	Nitrite as Nitrogen	10.8	mg/kg		UJ	h	49.5 hours		48 hours	
RSAN2-20B	R2844862	SW 846 9056	SO	Nitrite as Nitrogen	12.0	mg/kg		UJ	h	49.75 hours		48 hours	
SA67-30B	R2844862	SW 846 9056	SO	Nitrite as Nitrogen	15.3	mg/kg		UJ	h	49 hours		48 hours	
SA67-35B	R2844862	SW 846 9056	SO	Nitrite as Nitrogen	16.5	mg/kg		UJ	h	49.25 hours		48 hours	
SA46-30B	R2844902	SW 846 9056	SO	Nitrite as Nitrogen	14.6	mg/kg		UJ	h	54 hours		48 hours	
SA46-30BD	R2844902	SW 846 9056	SO	Nitrite as Nitrogen	15.0	mg/kg		UJ	h	54.25 hours		48 hours	
SA48-0.5B	R2844902	SW 846 9056	SO	Nitrite as Nitrogen	10.3	mg/kg		UJ	h	54.5 hours		48 hours	
RSA17-32B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	7.0	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSA17-32B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	2.6	ug/kg		J-	h,sp		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	8.4	ug/kg		J-	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	2.9	ug/kg		J-	h,sp		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	2-Butanone	14	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	2-Hexanone	14	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	14	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Acetone	11	ug/kg		UJ	h,bl		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Benzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Bromobenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Bromochloromethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Bromodichloromethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Bromoform	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Bromomethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	0.48	ug/kg		J-	h,sp		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Chlorobenzene	0.48	ug/kg		J-	h,sp		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Chloroethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Chloroform	17	ug/kg		J-	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Chloromethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Dibromochloromethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Dibromomethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Ethylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Ethylene dibromide	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	isopropyl ether	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Isopropylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	m,p-Xylene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Methylene chloride	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Naphthalene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	N-Butylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	N-Propylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	o-Xylene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	Styrene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	140	ug/kg		UJ	h		>48 hours		48 hours
RSA17-32B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	7.0	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-32B	R2844922	SW 846 8260B	SO	Tetrachloroethene	2.2	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-32B	R2844922	SW 846 8260B	SO	Toluene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-32B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-32B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-32B	R2844922	SW 846 8260B	SO	Trichloroethene	0.55	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-32B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-32B	R2844922	SW 846 8260B	SO	Vinylchloride	7.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	2-Butanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Acetone	13	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Benzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Bromobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Bromochloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Bromodichloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Bromoform	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Bromomethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Chlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Chloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Chloroform	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Chloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Dibromochloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Dibromomethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Ethylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Ethylene dibromide	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	isopropyl ether	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Isopropylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	m,p-Xylene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Methylene chloride	0.71	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Naphthalene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	N-Butylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	N-Propylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	o-Xylene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Styrene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Toluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Trichloroethene	0.50	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Vinylchloride	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	2-Butanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-10B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Acetone	9.6	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Benzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Bromobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Bromoform	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Bromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Chlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Chloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Chloroform	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Chloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Dibromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	isopropyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Methylene chloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Naphthalene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	o-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Styrene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Toluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Trichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-10B	R2844922	SW 846 8260B	SO	Vinylchloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	2-Butanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Acetone	15	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Benzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Bromobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Bromochloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Bromodichloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Bromoform	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Bromomethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Chlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Chloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Chloroform	0.39	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Chloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Dibromochloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Dibromomethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Ethylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Ethylene dibromide	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	isopropyl ether	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Isopropylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	m,p-Xylene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Methylene chloride	0.49	ug/kg		J-	h,sp		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-20B	R2844922	SW 846 8260B	SO	Naphthalene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	N-Butylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	N-Propylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	o-Xylene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Styrene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Toluene	2.4	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Trichloroethene	1.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-20B	R2844922	SW 846 8260B	SO	Vinylchloride	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	4.2	ug/kg		J-	h,s,sp		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	88	ug/kg		J-	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	8.5	ug/kg		J-	h,s,sp		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	2-Butanone	12	ug/kg		J	h,s,i,sp		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	2-Hexanone	20	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	20	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Acetone	95	ug/kg		J	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Benzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Bromobenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Bromochloromethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Bromodichloromethane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Bromoform	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Bromomethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-30B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	1.1	ug/kg		J-	h,s,sp		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Chlorobenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Chloroethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Chloroform	90	ug/kg		J	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Chloromethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Dibromochloromethane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Dibromomethane	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Ethylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Ethylene dibromide	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	12	ug/kg		J-	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	isopropyl ether	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Isopropylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	m,p-Xylene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Methylene chloride	2.2	ug/kg		J	h,s,i,sp		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Naphthalene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	N-Butylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	N-Propylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	o-Xylene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Styrene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	200	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Tetrachloroethene	70	ug/kg		J-	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Toluene	2.2	ug/kg		J-	h,s,sp		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	10	ug/kg		UJ	h,s		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Trichloroethene	0.71	ug/kg		J-	h,s,sp		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAI7-30B	R2844922	SW 846 8260B	SO	Vinylchloride	10	ug/kg		UJ	h,s,i		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	6.3	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	2-Butanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	2-Hexanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Acetone	25	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Benzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Bromobenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Bromochloromethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Bromodichloromethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Bromoform	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Bromomethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Chlorobenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Chloroethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Chloroform	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Chloromethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Dibromochloromethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Dibromomethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Ethylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Ethylene dibromide	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	isopropyl ether	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Isopropylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	m,p-Xylene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Methylene chloride	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Naphthalene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	N-Butylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	N-Propylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	o-Xylene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Styrene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	130	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Toluene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	6.3	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Trichloroethene	0.74	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-0.5B	R2844922	SW 846 8260B	SO	Vinylchloride	6.3	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	2-Butanone	1.2	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Acetone	24	ug/kg		J-	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Benzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Bromobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Bromoform	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Bromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Chlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Chloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Chloroform	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Chloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Dibromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAJ8-10B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	isopropyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Methylene chloride	0.44	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Naphthalene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	o-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Styrene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Toluene	1.8	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Trichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-10B	R2844922	SW 846 8260B	SO	Vinylchloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.96	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	2-Butanone	1.4	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	2-Hexanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.5	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAJ8-20B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Acetone	23	ug/kg		J-	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Benzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Bromobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Bromoform	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Bromomethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Chlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Chloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Chloroform	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Chloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Dibromomethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	isopropyl ether	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Methylene chloride	0.56	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Naphthalene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	o-Xylene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Styrene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	110	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Toluene	1.8	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Trichloroethene	0.55	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-20B	R2844922	SW 846 8260B	SO	Vinylchloride	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	6.0	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	2-Butanone	2.8	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Acetone	38	ug/kg		J-	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Benzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Bromobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Bromochloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Bromodichloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Bromoform	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Bromomethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Chlorobenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Chloroethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Chloroform	2.5	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Chloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Dibromochloromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Dibromomethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Ethylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Ethylene dibromide	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	4.6	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	isopropyl ether	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Isopropylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	m,p-Xylene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Methylene chloride	0.62	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Naphthalene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	N-Butylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	N-Propylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAJ8-30B	R2844922	SW 846 8260B	SO	o-Xylene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Styrene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Toluene	2.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Trichloroethene	1.4	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-30B	R2844922	SW 846 8260B	SO	Vinylchloride	6.0	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	2-Butanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Acetone	14	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Benzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Bromobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Bromochloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Bromodichloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Bromoform	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Bromomethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Chlorobenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Chloroethane	6.1	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAJ8-33B	R2844922	SW 846 8260B	SO	Chloroform	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Chloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Dibromochloromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Dibromomethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Ethylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Ethylene dibromide	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	isopropyl ether	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Isopropylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	m,p-Xylene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Methylene chloride	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Naphthalene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	N-Butylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	N-Propylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	o-Xylene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Styrene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Toluene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Trichloroethene	0.91	ug/kg		J-	h,sp		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAJ8-33B	R2844922	SW 846 8260B	SO	Vinylchloride	6.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	1.7	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.7	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-0.5B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	2.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	2-Butanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	2-Hexanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Acetone	3.2	ug/kg		UJ	h,bl,bt		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Benzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Bromobenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Bromoform	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Bromomethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Chlorobenzene	3.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Chloroethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Chloroform	0.50	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Chloromethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Dibromomethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	isopropyl ether	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Methylene chloride	0.40	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Naphthalene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	o-Xylene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Styrene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	110	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Toluene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Trichloroethene	1.5	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.7	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-0.5B	R2844922	SW 846 8260B	SO	Vinylchloride	5.7	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	2-Butanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	2-Hexanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Acetone	8.9	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Benzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Bromobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Bromoform	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Bromomethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Chlorobenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Chloroethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Chloroform	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Chloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Dibromomethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.5	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-10B	R2844922	SW 846 8260B	SO	isopropyl ether	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Methylene chloride	0.35	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Naphthalene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	o-Xylene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Styrene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	110	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Toluene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Trichloroethene	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-10B	R2844922	SW 846 8260B	SO	Vinylchloride	5.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	1.8	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	2-Butanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	2-Hexanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Acetone	11	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Benzene	6.5	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-20B	R2844922	SW 846 8260B	SO	Bromobenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Bromochloromethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Bromodichloromethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Bromoform	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Bromomethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Chlorobenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Chloroethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Chloroform	1.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Chloromethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Dibromochloromethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Dibromomethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Ethylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Ethylene dibromide	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	isopropyl ether	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Isopropylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	m,p-Xylene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Methylene chloride	0.49	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Naphthalene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	N-Butylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	N-Propylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	o-Xylene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Styrene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	130	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Toluene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Trichloroethene	0.83	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20B	R2844922	SW 846 8260B	SO	Vinylchloride	6.5	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	1.7	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	2-Butanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	0.64	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Acetone	15	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Benzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Bromobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Bromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Bromoform	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Bromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Chlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Chloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Chloroform	0.61	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Chloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Dibromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Ethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	isopropyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	m,p-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Methylene chloride	0.36	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Naphthalene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	o-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Styrene	5.8	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-20BD	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Toluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Trichloroethene	0.50	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-20BD	R2844922	SW 846 8260B	SO	Vinylchloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	1.2	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	8.3	ug/kg		J-	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	2.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	4.2	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	1.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	2-Butanone	4.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	2-Hexanone	16	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	1.2	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Acetone	47	ug/kg		J-	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Benzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Bromobenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Bromochloromethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Bromodichloromethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Bromoform	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Bromomethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Chlorobenzene	0.78	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Chloroethane	1.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Chloroform	95	ug/kg		J-	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Chloromethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	8.1	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-30B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Dibromochloromethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Dibromomethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Ethylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Ethylene dibromide	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	isopropyl ether	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Isopropylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	m,p-Xylene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Methylene chloride	1.2	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Naphthalene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	N-Butylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	N-Propylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	o-Xylene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Styrene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	160	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Tetrachloroethene	2.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Toluene	2.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Trichloroethene	0.96	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 8260B	SO	Vinylchloride	8.1	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-30B	R2844922	SW 846 9056	SO	Nitrite as Nitrogen	30.0	mg/kg		UJ	h	64 hours		48 hours	
RSAK2-35B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	16	ug/kg		J-	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	36	ug/kg		J-	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	2.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	55	ug/kg		J-	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.8	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAK2-35B	R2844922	SW 846 8260B	SO	2-Butanone	12	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	2-Hexanone	12	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	1.7	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Acetone	49	ug/kg		J-	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Benzene	49	ug/kg		J-	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Bromobenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Bromoform	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Bromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Chlorobenzene	130	ug/kg		J-	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Chloroethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Chloroform	56	ug/kg		J-	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Chloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Dibromomethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	isopropyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Methylene chloride	1.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Naphthalene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	o-Xylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Styrene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	120	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Tetrachloroethene	2.9	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Toluene	2.4	ug/kg		J-	h,sp		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Trichloroethene	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 8260B	SO	Vinylchloride	5.8	ug/kg		UJ	h		>48 hours		48 hours
RSAK2-35B	R2844922	SW 846 9056	SO	Nitrite as Nitrogen	26.7	mg/kg		UJ	h	64.25 hours		48 hours	

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	2-Butanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	2-Hexanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Acetone	22	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Benzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Bromobenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Bromoform	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Bromomethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Chlorobenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Chloroethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Chloroform	1.2	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Chloromethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Dibromomethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	isopropyl ether	5.4	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Methylene chloride	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Naphthalene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	o-Xylene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Styrene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	110	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Toluene	1.5	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Trichloroethene	4.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 8260B	SO	Vinylchloride	5.4	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-0.5B	R2844922	SW 846 9056	SO	Nitrite as Nitrogen	20.3	mg/kg		R	h	8 days		48 hours	
RSAL2-10B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	2-Butanone	9.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	2-Hexanone	9.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	9.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Acetone	10	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Benzene	4.8	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-10B	R2844922	SW 846 8260B	SO	Bromobenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Bromochloromethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Bromodichloromethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Bromoform	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Bromomethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Chlorobenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Chloroethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Chloroform	1.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Chloromethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Dibromochloromethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Dibromomethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Ethylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Ethylene dibromide	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	isopropyl ether	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Isopropylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	m,p-Xylene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Methylene chloride	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Naphthalene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	N-Butylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	N-Propylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	o-Xylene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Styrene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	96	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Tetrachloroethene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Toluene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Trichloroethene	0.42	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 8260B	SO	Vinylchloride	4.8	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-10B	R2844922	SW 846 9056	SO	Nitrite as Nitrogen	22.0	mg/kg		UJ	h	63 hours		48 hours	
RSAL2-20B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.6	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	1.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	1.3	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	2-Butanone	7.7	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	2-Hexanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	11	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Acetone	48	ug/kg		J-	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Benzene	3.1	ug/kg		J	h,fd,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Bromobenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Bromochloromethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Bromoform	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Bromomethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Chlorobenzene	4.4	ug/kg		J	h,fd,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Chloroethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Chloroform	0.80	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Chloromethane	0.55	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Dibromomethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Ethylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	isopropyl ether	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	m,p-Xylene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Methylene chloride	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Naphthalene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	o-Xylene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-20B	R2844922	SW 846 8260B	SO	Styrene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	110	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Toluene	1.3	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Trichloroethene	1.3	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20B	R2844922	SW 846 8260B	SO	Vinylchloride	5.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	1.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	1.4	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	3.4	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	2-Butanone	6.6	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	2-Chlorotoluene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	2-Hexanone	10	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	4-Chlorotoluene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	10	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Acetone	44	ug/kg		J-	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Benzene	13	ug/kg		J	h,fd		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Bromobenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Bromochloromethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Bromodichloromethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Bromoform	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Bromomethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Carbon tetrachloride	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Chlorobenzene	15	ug/kg		J	h,fd		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Chloroethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Chloroform	0.97	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Chloromethane	0.54	ug/kg		J-	h,sp		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-20BD	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Dibromochloromethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Dibromomethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Ethylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Ethylene dibromide	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	isopropyl ether	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Isopropylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	m,p-Xylene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Methylene chloride	0.38	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Naphthalene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	N-Butylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	N-Propylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	o-Xylene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	sec-Butylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Styrene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	t-Butyl alcohol	100	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	tert-Butylbenzene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Toluene	1.4	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Trichloroethene	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-20BD	R2844922	SW 846 8260B	SO	Vinylchloride	5.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	1.0	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	20	ug/kg		J-	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	6.7	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	8.5	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-30B	R2844922	SW 846 8260B	SO	2-Butanone	17	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	2-Hexanone	17	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	17	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Acetone	11	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Benzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Bromobenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Bromochloromethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Bromodichloromethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Bromoform	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Bromomethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Chlorobenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Chloroethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Chloroform	510	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Chloromethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Dibromochloromethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Dibromomethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Ethylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Ethylene dibromide	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	isopropyl ether	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Isopropylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	m,p-Xylene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Methylene chloride	0.89	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Naphthalene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	N-Butylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	N-Propylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	o-Xylene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Styrene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	170	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.1	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Toluene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Trichloroethene	1.3	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 8260B	SO	Vinylchloride	8.5	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-30B	R2844922	SW 846 9056	SO	Nitrite as Nitrogen	30.7	mg/kg		UJ	h	63.25 hours		48 hours	

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-37B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	0.59	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	0.59	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	1.5	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	2-Butanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	2-Hexanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	13	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Acetone	45	ug/kg		J-	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Benzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Bromobenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Bromochloromethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Bromodichloromethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Bromoform	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Bromomethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Chlorobenzene	0.98	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Chloroethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Chloroform	13	ug/kg		J-	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Chloromethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Dibromochloromethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Dibromomethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Ethylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Ethylene dibromide	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	isopropyl ether	6.6	ug/kg		UJ	h		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-37B	R2844922	SW 846 8260B	SO	Isopropylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	m,p-Xylene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Methylene chloride	0.51	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Naphthalene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	N-Butylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	N-Propylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	o-Xylene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Styrene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	130	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Tetrachloroethene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Toluene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Trichloroethene	1.5	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 8260B	SO	Vinylchloride	6.6	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-37B	R2844922	SW 846 9056	SO	Nitrite as Nitrogen	26.8	mg/kg		UJ	h	63.5 hours		48 hours	
RSAL2-40B	R2844922	SW 846 8260B	SO	1,1,1,2-Tetrachloroethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,1,1-Trichloroethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,1,2-Trichloroethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,1-Dichloroethane	22	ug/kg		J-	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,1-Dichloroethene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,1-Dichloropropene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2,3-Trichlorobenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2,3-Trichloropropane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2,4-Trichlorobenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2,4-Trimethylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2-Dichlorobenzene	230	ug/kg		J-	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2-Dichloroethane	26	ug/kg		J-	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,2-Dichloropropane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,3,5-Trimethylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,3-Dichlorobenzene	10	ug/kg		J-	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,3-Dichloropropane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	1,4-Dichlorobenzene	250	ug/kg		J-	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	2,2-Dichloropropane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	2-Butanone	14	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	2-Chlorotoluene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	2-Hexanone	14	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	4-Chlorotoluene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	4-Isopropyltoluene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	4-Methyl-2-pentanone	14	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Acetone	14	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Benzene	640	ug/kg		J-	h,sp		>48 hours		48 hours

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAL2-40B	R2844922	SW 846 8260B	SO	Bromobenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Bromochloromethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Bromodichloromethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Bromoform	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Bromomethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Carbon tetrachloride	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Chlorobenzene	1900	ug/kg		J-	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Chloroethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Chloroform	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Chloromethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	cis-1,2-Dichloroethene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	cis-1,3-Dichloropropene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Dibromochloromethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Dibromomethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Dichlorodifluoromethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Ethyl t-butyl ether	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Ethylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Ethylene dibromide	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Hexachlorobutadiene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	isopropyl ether	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Isopropylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	m,p-Xylene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Methyl tert butyl ether	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Methylene chloride	0.53	ug/kg		UJ	h,bl		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Naphthalene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	N-Butylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	N-Propylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	o-Xylene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	sec-Butylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Styrene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	t-Butyl alcohol	140	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	tert-Butylbenzene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Tetrachloroethene	5.6	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Toluene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	trans-1,2-Dichloroethylene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	trans-1,3-Dichloropropene	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Trichloroethene	0.98	ug/kg		J-	h,sp		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Trichlorofluoromethane	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 8260B	SO	Vinylchloride	7.2	ug/kg		UJ	h		>48 hours		48 hours
RSAL2-40B	R2844922	SW 846 9056	SO	Nitrite as Nitrogen	28.9	mg/kg		UJ	h	63.75 hours		48 hours	
RSAL7-10B	R2845025	SW 846 8260B	W	1,1,1,2-Tetrachloroethane	10	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,1,1-Trichloroethane	10	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,1,2,2-Tetrachloroethane	10	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,1,2-Trichloroethane	10	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,1-Dichloroethane	10	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,1-Dichloroethene	10	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,1-Dichloropropene	20	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,2,3-Trichlorobenzene	20	ug/l		UJ	h		17 days		14 days
RSAL7-10B	R2845025	SW 846 8260B	W	1,2,3-Trichloropropane	20	ug/l		UJ	h		17 days		14 days

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-10B	R2845025	SW 846 8260B	W	1,2,4-Trichlorobenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,2,4-Trimethylbenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,2-Dibromo-3-chloropropane	50	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,2-Dichlorobenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,2-Dichloroethane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,2-Dichloropropane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,3,5-Trimethylbenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,3-Dichlorobenzene	50	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,3-Dichloropropane	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	1,4-Dichlorobenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	2,2-Dichloropropane	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	2-Butanone	100	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	2-Chlorotoluene	50	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	2-Hexanone	100	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	2-Methoxy-2-methyl-butane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	4-Chlorotoluene	50	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	4-Isopropyltoluene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	4-Methyl-2-pentanone	100	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Acetone	18	ug/l		UJ	bl,h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Benzene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Bromobenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Bromochloromethane	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Bromodichloromethane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Bromoform	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Bromomethane	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Carbon tetrachloride	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Chlorobenzene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Chloroethane	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Chloroform	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Chloromethane	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	cis-1,2-Dichloroethene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	cis-1,3-Dichloropropene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Dibromochloromethane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Dibromomethane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Dichlorodifluoromethane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Ethyl t-butyl ether	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Ethylbenzene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Ethylene dibromide	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Hexachlorobutadiene	50	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	isopropyl ether	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Isopropylbenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	m,p-Xylene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Methyl tert butyl ether	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Methylene chloride	2.8	ug/l		UJ	bl,h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Naphthalene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	N-Butylbenzene	50	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	N-Propylbenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	o-Xylene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	sec-Butylbenzene	20	ug/l		UJ	h		17 days		14 days

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-10B	R2845025	SW 846 8260B	W	Styrene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	t-Butyl alcohol	1000	ug/l		UJ	c,h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	tert-Butylbenzene	20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Tetrachloroethene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Toluene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	trans-1,2-Dichloroethylene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	trans-1,3-Dichloropropene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Trichloroethene	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Trichlorofluoromethane	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8260B	W	Vinylchloride	10	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	1,4-Dioxane	2.1	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	1,4-Dioxane	2.0	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	2-Methylnaphthalene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	2-Methylnaphthalene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Acenaphthene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Acenaphthene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Acenaphthylene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Acenaphthylene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Anthracene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Anthracene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benz(a)anthracene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benz(a)anthracene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(a)pyrene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(a)pyrene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(b)fluoranthene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(b)fluoranthene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(g,h,i)perylene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(g,h,i)perylene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(k)fluoranthene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Benzo(k)fluoranthene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	bis(2-Ethylhexyl)phthalate	3.0	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	bis(2-Ethylhexyl)phthalate	0.98	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Butyl benzyl phthalate	0.33	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Butyl benzyl phthalate	0.30	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Chrysene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Chrysene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Dibenz(a,h)anthracene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Dibenz(a,h)anthracene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Diethyl phthalate	0.33	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Diethyl phthalate	0.39	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Dimethyl phthalate	5.1	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Dimethyl phthalate	5.3	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Di-N-Butyl phthalate	1.7	ug/l		J-	h,sp		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Di-N-Butyl phthalate	5.1	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Di-N-Octyl phthalate	5.3	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Di-N-Octyl phthalate	5.1	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Fluoranthene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Fluoranthene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Fluorene	0.20	ug/l		UJ	h		17 days		14 days

**Table 3-1
Qualifications Based on Holding Time and Sample Preservation Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Actual Analysis HT	Actual Prep HT	Analysis Method HT	Prep Method HT
RSAI7-10B	R2845025	SW 846 8270C	W	Fluorene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Hexachlorobenzene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Hexachlorobenzene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Indeno(1,2,3-cd)pyrene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Indeno(1,2,3-cd)pyrene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Naphthalene	0.053	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Naphthalene	0.051	ug/l		UJ	h,bl		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Nitrobenzene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Nitrobenzene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Octachlorostyrene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Octachlorostyrene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Phenanthrene	0.031	ug/l		J-	h,sp		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Phenanthrene	0.042	ug/l		J-	h,sp		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Pyrene	0.20	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Pyrene	0.21	ug/l		UJ	h		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Pyridine	2.0	ug/l		UJ	h,l,ld		17 days		14 days
RSAI7-10B	R2845025	SW 846 8270C	W	Pyridine	2.1	ug/l		UJ	h,l,ld		17 days		14 days
RSAI7-10B (119156)	R2845025	SW 846 8015B	W	Diesel Range Organics (DRO)	120	ug/l		J-	h		17 days		14 days
RSAI7-10B (119156)	R2845025	SW 846 8015B	W	Diesel Range Organics (DRO)	100	ug/l		UJ	h		17 days		14 days
RSAI7-10B (119157)	R2845025	SW 846 8015B	W	Oil Range Organics	100	ug/l		UJ	h		17 days		14 days
RSAI7-10B (119157)	R2845025	SW 846 8015B	W	Oil Range Organics	100	ug/l		UJ	h		17 days		14 days
SA166-10BSPLP3	R0904084	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph	10 units		≥12 units	
SA56-10BSPLP2	R0904084	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph	10 units		≥12 units	
RSAJ3-10BSPLP2	R0904223	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph	11 units		≥12 units	
RSAJ3-10BSPLP3	R0904223	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph	11 units		≥12 units	

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

Method 8260/VOCs qualified for prep time exceedance greater than 48 hours were prepped in less than 96 hours

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA180-0.5B	R2844666	SW 846 8081	SO	Hexachlorobenzene	39	ug/kg		UJ	c,h	no CCV	CCV required
SA180-0.5BD	R2844666	SW 846 8081	SO	Hexachlorobenzene	39	ug/kg		J	c,fd	no CCV	CCV required
SA180-10B	R2844666	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
SA180-10B	R2844666	SW 846 8260B	SO	Acetone	16	ug/kg		J+	c,sp	36.1	25 %D CCV
SA180-20B	R2844666	SW 846 8081	SO	Hexachlorobenzene	2.4	ug/kg		UJ	c	no CCV	CCV required
SA180-30B	R2844666	SW 846 8081	SO	Hexachlorobenzene	2.8	ug/kg		UJ	c	no CCV	CCV required
SA57-0.5B	R2844666	SW 846 8081	SO	Hexachlorobenzene	18	ug/kg		J	c,s	no CCV	CCV required
SA57-0.5B	R2844666	SW 846 8260B	SO	Acetone	6.2	ug/kg		UJ	bl,c	36.1	25 %D CCV
SA57-10B	R2844666	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
SA57-10B	R2844666	SW 846 8260B	SO	Acetone	17	ug/kg		J	c,fd,sp	36.1	25 %D CCV
SA57-10BD	R2844666	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
SA57-10BD	R2844666	SW 846 8260B	SO	Acetone	40	ug/kg		J	c,fd	36.1	25 %D CCV
SA57-20B	R2844666	SW 846 8081	SO	Hexachlorobenzene	2.3	ug/kg		UJ	c	no CCV	CCV required
SA57-30B	R2844666	SW 846 8081	SO	Hexachlorobenzene	2.4	ug/kg		UJ	c	no CCV	CCV required
SA87-0.5B	R2844666	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
SA87-20B	R2844666	SW 846 8260B	SO	Acetone	13	ug/kg		J+	c,l,sp	25.6	25 %D CCV
SA181-0.5B	R2844797	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
SA181-0.5B	R2844797	SW 846 8260B	SO	Acetone	15	ug/kg		J+	c,sp	29.3	25 %D CCV
SA181-10B	R2844797	SW 846 8260B	SO	Acetone	5.6	ug/kg		J+	c,sp	29.3	25 %D CCV
SA181-20B	R2844797	SW 846 8260B	SO	Acetone	11	ug/kg		J+	c,sp	29.3	25 %D CCV
SA181-30B	R2844797	SW 846 8260B	SO	Acetone	14	ug/kg		J+	c,sp	29.3	25 %D CCV
SA181-35B	R2844797	SW 846 8081	SO	Hexachlorobenzene	2.1	ug/kg		UJ	c	no CCV	CCV required
SA181-35B	R2844797	SW 846 8260B	SO	Acetone	99	ug/kg		J+	c	29.3	25 %D CCV
SA207-0.5B	R2844797	SW 846 8081	SO	Hexachlorobenzene	7500	ug/kg		J	c	no CCV	CCV required
SA207-10B	R2844797	SW 846 8081	SO	Hexachlorobenzene	140	ug/kg		J	c	no CCV	CCV required
SA207-20B	R2844797	SW 846 8081	SO	Hexachlorobenzene	2.1	ug/kg		UJ	c	no CCV	CCV required
SA207-20B	R2844797	SW 846 8260B	SO	Acetone	6.7	ug/kg		J+	c,l,sp	25.9	25 %D CCV
SA207-30B	R2844797	SW 846 8081	SO	Hexachlorobenzene	3.5	ug/kg		J	c	no CCV	CCV required
SA207-30B	R2844797	SW 846 8260B	SO	Acetone	7.4	ug/kg		J+	c,sp	29.3	25 %D CCV
SA207-40B	R2844797	SW 846 8081	SO	Hexachlorobenzene	2.0	ug/kg		UJ	c	no CCV	CCV required
SA207-40B	R2844797	SW 846 8260B	SO	Acetone	16	ug/kg		J+	c,sp	29.3	25 %D CCV
RSAN2-0.5B	R2844862	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
RSAN2-10B	R2844862	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
RSAN2-20B	R2844862	SW 846 8081	SO	Hexachlorobenzene	2.0	ug/kg		UJ	c	no CCV	CCV required
SA183-0.5B	R2844862	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
SA47-0.5B	R2844862	SW 846 8081	SO	Hexachlorobenzene	26	ug/kg		J	c	no CCV	CCV required
SA47-10B	R2844862	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c,s	no CCV	CCV required
SA47-20B	R2844862	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
SA47-30B	R2844862	SW 846 8081	SO	Hexachlorobenzene	2.5	ug/kg		UJ	c	no CCV	CCV required
SA47-35B	R2844862	SW 846 8081	SO	Hexachlorobenzene	2.5	ug/kg		UJ	c	no CCV	CCV required
SA67-0.5B	R2844862	SW 846 8081	SO	Hexachlorobenzene	4.8	ug/kg		J	c	no CCV	CCV required

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA67-10B	R2844862	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
SA67-20B	R2844862	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
SA67-30B	R2844862	SW 846 8081	SO	Hexachlorobenzene	2.6	ug/kg		UJ	c	no CCV	CCV required
SA67-35B	R2844862	SW 846 8081	SO	Hexachlorobenzene	2.8	ug/kg		UJ	c	no CCV	CCV required
SA67-35B	R2844862	SW 846 8260B	SO	t-Butyl alcohol	37000	ug/kg		UJ	c	0.043	0.05 RRF ICAL
RSA04-0.5B	R2844885	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
RSA04-36B	R2844885	SW 846 8081	SO	Hexachlorobenzene	2.3	ug/kg		UJ	c	no CCV	CCV required
RSAN2-30B	R2844885	SW 846 8260B	SO	t-Butyl alcohol	17000	ug/kg		UJ	c	0.043 0.043	0.05 RRF ICAL 0.05 RRF CCV
RSAN2-30BD	R2844885	SW 846 8260B	SO	Acetone	21	ug/kg		J+	c,sp	33.1	25 %D CCV
RSAN2-35B	R2844885	SW 846 8081	SO	Hexachlorobenzene	2.6	ug/kg		UJ	c	no CCV	CCV required
RSAN2-35B	R2844885	SW 846 8260B	SO	t-Butyl alcohol	53000	ug/kg		UJ	c	0.043 0.043	0.05 RRF ICAL 0.05 RRF CCV
RSAO2-0.5B	R2844885	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		J	c	no CCV	CCV required
RSAO2-10B	R2844885	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
RSAO2-20B	R2844885	SW 846 8081	SO	Hexachlorobenzene	2.5	ug/kg		UJ	c	no CCV	CCV required
RSAO2-20BD	R2844885	SW 846 8081	SO	Hexachlorobenzene	2.3	ug/kg		UJ	c	no CCV	CCV required
RSAO2-30B	R2844885	SW 846 8081	SO	Hexachlorobenzene	2.8	ug/kg		UJ	c	no CCV	CCV required
RSAO2-30B	R2844885	SW 846 8260B	SO	Acetone	20	ug/kg		J+	c,sp	33.1	25 %D CCV
RSAO2-33B	R2844885	SW 846 8081	SO	Hexachlorobenzene	2.5	ug/kg		UJ	c	no CCV	CCV required
RSAO2-33B	R2844885	SW 846 8260B	SO	t-Butyl alcohol	15000	ug/kg		UJ	c	0.043 0.043	0.05 RRF ICAL 0.05 RRF CCV
SA183-10B	R2844885	SW 846 8260B	SO	Acetone	21	ug/kg		UJ	c	33.1	25 %D CCV
SA183-33B	R2844885	SW 846 8081	SO	Hexachlorobenzene	2.7	ug/kg		UJ	c	no CCV	CCV required
RSAJ7-0.5B	R2844902	SW 846 8081	SO	Hexachlorobenzene	220000	ug/kg		J	c	no CCV	CCV required
RSAJ7-10B	R2844902	SW 846 8081	SO	Hexachlorobenzene	500	ug/kg		J	c	no CCV	CCV required
RSAJ7-20B	R2844902	SW 846 8081	SO	Hexachlorobenzene	3.9	ug/kg		J	c	no CCV	CCV required
RS AK7-0.5B	R2844902	SW 846 8081	SO	Hexachlorobenzene	7400	ug/kg		J	c	no CCV	CCV required
RS AK7-10B	R2844902	SW 846 8081	SO	Hexachlorobenzene	11	ug/kg		J	c,fd	no CCV	CCV required
RS AK7-10BD	R2844902	SW 846 8081	SO	Hexachlorobenzene	26	ug/kg		J	c,fd	no CCV	CCV required
RS AK7-20B	R2844902	SW 846 8081	SO	Hexachlorobenzene	3.0	ug/kg		J	c	no CCV	CCV required
RS AK7-27B	R2844902	SW 846 8081	SO	Hexachlorobenzene	9.9	ug/kg		J	c	no CCV	CCV required
SA46-0.5B	R2844902	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
SA46-10B	R2844902	SW 846 8260B	SO	Acetone	24	ug/kg		J+	c,sp	33.1	25 %D CCV
SA46-20B	R2844902	SW 846 8260B	SO	Acetone	18	ug/kg		J+	c,sp	33.1	25 %D CCV
SA46-30B	R2844902	SW 846 8081	SO	Hexachlorobenzene	2.5	ug/kg		UJ	c	no CCV	CCV required
SA46-30B	R2844902	SW 846 8260B	SO	Acetone	14	ug/kg		J+	c,sp	33.1	25 %D CCV
SA46-30BD	R2844902	SW 846 8081	SO	Hexachlorobenzene	2.5	ug/kg		UJ	c	no CCV	CCV required
SA46-30BD	R2844902	SW 846 8260B	SO	Acetone	15	ug/kg		J+	c,sp	33.1	25 %D CCV
SA48-0.5B	R2844902	SW 846 8081	SO	Hexachlorobenzene	3.8	ug/kg		J	c	no CCV	CCV required
SA48-10B	R2844902	SW 846 8081	SO	Hexachlorobenzene	19	ug/kg		UJ	c	no CCV	CCV required
SA48-10B	R2844902	SW 846 8260B	SO	Acetone	9.4	ug/kg		J+	c,sp	33.1	25 %D CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA48-20B	R2844902	SW 846 8081	SO	Hexachlorobenzene	4.2	ug/kg		J	c	no CCV	CCV required
SA48-30B	R2844902	SW 846 8081	SO	Hexachlorobenzene	2.3	ug/kg		UJ	c	no CCV	CCV required
SA48-35B	R2844902	SW 846 8081	SO	Hexachlorobenzene	2.6	ug/kg		UJ	c	no CCV	CCV required
RSAI7-32B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	300	mg/kg		UJ	c	88, 86.5	90-110
RSAI7-32B	R2844922	SW 846 8081	SO	Hexachlorobenzene	3.0	ug/kg		J	c	no CCV	CCV required
RSAI7-0.5B	R2844922	SW 846 8081	SO	Hexachlorobenzene	3.9	ug/kg		J	c	no CCV	CCV required
RSAI7-10B	R2844922	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
RSAI7-20B	R2844922	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
RSAI7-30B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	371	mg/kg		J-	c	88	90-110
RSAI7-30B	R2844922	SW 846 8081	SO	Hexachlorobenzene	3.0	ug/kg		J	c	no CCV	CCV required
RSAJ8-0.5B	R2844922	SW 846 8081	SO	Hexachlorobenzene	37000	ug/kg		J	c,p	no CCV	CCV required
RSAJ8-10B	R2844922	SW 846 8081	SO	Hexachlorobenzene	1.9	ug/kg		UJ	c	no CCV	CCV required
RSAJ8-20B	R2844922	SW 846 8081	SO	Hexachlorobenzene	300	ug/kg		J	c	no CCV	CCV required
RSAJ8-30B	R2844922	SW 846 8081	SO	Hexachlorobenzene	3.9	ug/kg		J	c,p	no CCV	CCV required
RSAJ8-33B	R2844922	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c	no CCV	CCV required
RS AK2-0.5B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	2930	mg/kg		J-	c	88	90-110
RS AK2-0.5B	R2844922	SW 846 8081	SO	Hexachlorobenzene	5.5	ug/kg		J	c	no CCV	CCV required
RS AK2-10B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	444	mg/kg		J-	c	88	90-110
RS AK2-10B	R2844922	SW 846 8081	SO	Hexachlorobenzene	18	ug/kg		UJ	c	no CCV	CCV required
RS AK2-20B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	548	mg/kg		J-	c	88,86.5	90-110
RS AK2-20B	R2844922	SW 846 8081	SO	Hexachlorobenzene	37	ug/kg		UJ	c	no CCV	CCV required
RS AK2-20BD	R2844922	Lloyd Kahn	SO	Total Organic Carbon	654	mg/kg		J-	c	88,86.5	90-110
RS AK2-20BD	R2844922	SW 846 8081	SO	Hexachlorobenzene	180	ug/kg		UJ	c	no CCV	CCV required
RS AK2-30B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	300	mg/kg		UJ	c	88,86.5	90-110
RS AK2-30B	R2844922	SW 846 8081	SO	Hexachlorobenzene	26	ug/kg		UJ	c	no CCV	CCV required
RS AK2-35B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	300	mg/kg		UJ	c	88,86.5	90-110
RS AK2-35B	R2844922	SW 846 8081	SO	Hexachlorobenzene	2.3	ug/kg		UJ	c	no CCV	CCV required
RSAL2-0.5B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	1830	mg/kg		J-	c	88	90-110
RSAL2-0.5B	R2844922	SW 846 8081	SO	Hexachlorobenzene	13000	ug/kg		J	c	no CCV	CCV required
RSAL2-10B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	753	mg/kg		J-	c	88	90-110
RSAL2-10B	R2844922	SW 846 8081	SO	Hexachlorobenzene	4.7	ug/kg		J	c	no CCV	CCV required
RSAL2-20B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	849	mg/kg		J-	c	88	90-110
RSAL2-20B	R2844922	SW 846 8081	SO	Hexachlorobenzene	190	ug/kg		UJ	c	no CCV	CCV required
RSAL2-20BD	R2844922	Lloyd Kahn	SO	Total Organic Carbon	740	mg/kg		J-	c	88	90-110
RSAL2-20BD	R2844922	SW 846 8081	SO	Hexachlorobenzene	190	ug/kg		UJ	c	no CCV	CCV required
RSAL2-30B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	300	mg/kg		UJ	c	88	90-110
RSAL2-30B	R2844922	SW 846 8081	SO	Hexachlorobenzene	2.6	ug/kg		UJ	c	no CCV	CCV required
RSAL2-37B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	509	mg/kg		J-	c	88	90-110
RSAL2-37B	R2844922	SW 846 8081	SO	Hexachlorobenzene	52	ug/kg		J	c	no CCV	CCV required
RSAL2-40B	R2844922	Lloyd Kahn	SO	Total Organic Carbon	300	mg/kg		UJ	c	88	90-110
RSAL2-40B	R2844922	SW 846 8081	SO	Hexachlorobenzene	2.5	ug/kg		UJ	c	no CCV	CCV required
RSAI7-10B	R2845025	SW 846 8260B	W	t-Butyl alcohol	1000	ug/l		UJ	c,h	0.017 0.020	0.05 RRF ICAL 0.05 RRF CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
RSAJ3-0.5B	8304602	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	26.8	20%D CCV
RSAJ3-0.5B	8304602	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	38.2,49.0 29.0,	20%D CCV
RSAM2-0.5B	8304602	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	35.8	20%D ICV
RSAM2-0.5B	8304602	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	26.8	20%D CCV
RSAM3-0.5B	8304602	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	38.2,49.0 29.0,	20%D CCV
RSAM3-0.5B	8304602	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	35.8	20%D ICV
SA166-0.5B	8304605	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	26.8	20%D CCV
SA166-0.5B	8304605	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	29.0,35.8	20%D ICV
SA176-0.5B	8304605	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	26.8	20%D CCV
SA176-0.5B	8304605	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	29.0,35.8	20%D ICV
SA182-0.5B	8304605	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	26.8	20%D CCV
SA182-0.5B	8304605	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	29.0,35.8	20%D ICV
SA35-0.5B	8304605	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	26.8	20%D CCV
SA35-0.5B	8304605	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	29.0,35.8	20%D ICV
SA85-0.5B	8304606	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	25.8	20%D ICV
SA85-0.5B	8304606	SW 846 8141A	SO	Merphos	5.14	ug/kg	U	UJ	c	22.4	20%D ICV
SA85-0.5B	8304606	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	43.3	20%D ICV
SA82-0.5B	8304610	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA82-0.5B	8304610	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
SA82-0.5B	8304610	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA82-10B	8304610	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA82-10B	8304610	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
SA82-10B	8304610	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA82-29B	8304610	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA82-29B	8304610	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
SA82-29B	8304610	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
RSAM2-10B	8304612	SW 846 8141A	SO	Dichlorvos	7.40	ug/kg	U	UJ	c	20.6	20%D CCV
RSAM2-10B	8304612	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
RSAM2-10B	8304612	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
RSAM2-10B	8304612	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
RSAM2-35B	8304612	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
RSAM2-35B	8304612	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
RSAM2-35B	8304612	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA35009-32B	8304612	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA35009-32B	8304612	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
SA35009-32B	8304612	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA35-10B	8304612	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA35-10B	8304612	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
SA35-10B	8304612	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA35-32B	8304612	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA35-32B	8304612	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
SA35-32B	8304612	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA85-33B	8304612	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA85-33B	8304612	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	40.1,47.6	20%D ICV
SA85-33B	8304612	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
RSAM3-30B	8304613	SW 846 8141A	SO	Dichlorvos	7.40	ug/kg	U	UJ	c	23.2	20%D CCV
RSAM3-30B	8304613	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
RSAM3-30B	8304613	SW 846 8141A	SO	Ethoprop	4.93	ug/kg	U	UJ	c	20.4	20%D CCV
RSAM3-30B	8304613	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	63.4 47.6	20%D ICV
RSAM3-30B	8304613	SW 846 8141A	SO	Tokuthion	3.91	ug/kg	U	UJ	c	21.1	20%D CCV
RSAM3-30B	8304613	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA176009-37B	8304613	SW 846 8141A	SO	Dichlorvos	7.40	ug/kg	U	UJ	c	23.2	20%D CCV
SA176009-37B	8304613	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA176009-37B	8304613	SW 846 8141A	SO	Ethoprop	4.93	ug/kg	U	UJ	c	20.4	20%D CCV
SA176009-37B	8304613	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	63.4 47.6	20%D ICV
SA176009-37B	8304613	SW 846 8141A	SO	Tokuthion	3.91	ug/kg	U	UJ	c	21.1	20%D CCV
SA176009-37B	8304613	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA176-10B	8304613	SW 846 8141A	SO	Dichlorvos	7.40	ug/kg	U	UJ	c	23.2	20%D CCV
SA176-10B	8304613	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA176-10B	8304613	SW 846 8141A	SO	Ethoprop	4.93	ug/kg	U	UJ	c	20.4	20%D CCV
SA176-10B	8304613	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	63.4 47.6	20%D ICV
SA176-10B	8304613	SW 846 8141A	SO	Tokuthion	3.91	ug/kg	U	UJ	c	21.1	20%D CCV
SA176-10B	8304613	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
SA176-37B	8304613	SW 846 8141A	SO	Dichlorvos	7.40	ug/kg	U	UJ	c	23.2	20%D CCV
SA176-37B	8304613	SW 846 8141A	SO	Disulfoton	7.73	ug/kg	U	UJ	c	20.6	20%D ICV
SA176-37B	8304613	SW 846 8141A	SO	Ethoprop	4.93	ug/kg	U	UJ	c	20.4	20%D CCV
SA176-37B	8304613	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	63.4 47.6	20%D ICV
SA176-37B	8304613	SW 846 8141A	SO	Tokuthion	3.91	ug/kg	U	UJ	c	21.1	20%D CCV
SA176-37B	8304613	SW 846 8141A	SO	Malathion	4.64	ug/kg	U	UJ	c	23.2	20%D ICV
RSAH3-0.5B	8304616	SW 846 8141A	SO	Mevinphos	4.62	ug/kg	U	UJ	c	22.2,21.1	20%D ICV
RSAH3009-0.5B	8304616	SW 846 8141A	SO	Mevinphos	4.62	ug/kg	U	UJ	c	22.2,21.1	20%D ICV
RSAH3-32B	8304616	SW 846 8141A	SO	Mevinphos	4.62	ug/kg	U	UJ	c	22.2,21.1	20%D ICV
SA166-10B	8304616	SW 846 8141A	SO	Bolstar	4.24	ug/kg	U	UJ	c	25.4	20%D CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA166-10B	8304616	SW 846 8141A	SO	Ethyl parathion	5.29	ug/kg	U	UJ	c	42.8	20%D CCV
SA166-10B	8304616	SW 846 8141A	SO	Mevinphos	4.62	ug/kg	U	UJ	c	22.2,21.1	20%D ICV
SA166-10B	8304616	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	44.1,38.1	20%D CCV
SA166-31B	8304616	SW 846 8141A	SO	Bolstar	4.24	ug/kg	U	UJ	c	25.4	20%D CCV
SA166-31B	8304616	SW 846 8141A	SO	Ethyl parathion	5.29	ug/kg	U	UJ	c	42.8	20%D CCV
SA166-31B	8304616	SW 846 8141A	SO	Mevinphos	4.62	ug/kg	U	UJ	c	22.2,21.1	20%D ICV
SA166-31B	8304616	SW 846 8141A	SO	Naled	22.6	ug/kg	U	UJ	c	44.1,38.1	20%D CCV
SA182-10B	8304616	SW 846 8141A	SO	Mevinphos	4.62	ug/kg	U	UJ	c	22.2,21.1	20%D ICV
SA182-38B	8304616	SW 846 8141A	SO	Mevinphos	4.62	ug/kg	U	UJ	c	22.2,21.1	20%D ICV
RSAJ3-10B	8304624	SW 846 8141A	W	Naled	0.253	ug/l	U	UJ	c	42.5,42.7	20%D CCV
RSAJ3-10B	8304624	SW 846 8141A	W	Naled-SPLP	0.253	ug/l	U	UJ	c	42.5,42.7	20%D CCV
RSAJ3-29B	8304624	SW 846 8141A	W	Naled	0.253	ug/l	U	UJ	c	42.5,42.7	20%D CCV
RSAJ3-29B	8304624	SW 846 8141A	W	Naled-SPLP	0.253	ug/l	U	UJ	c	42.5,42.7	20%D CCV
RSAJ3-10B	8304638	SW 846 8141A	SO	Mevinphos	5.0	ug/kg	U	UJ	c	21.7, 30.8	20%D ICV
RSAJ3-10B	8304638	SW 846 8141A	SO	Naled	25	ug/kg	U	UJ	c	35.6, 41.3	20%D CCV
RSAJ3-29B	8304638	SW 846 8141A	SO	Mevinphos	6.1	ug/kg	U	UJ	c	21.7, 30.8	20%D ICV
RSAJ3-29B	8304638	SW 846 8141A	SO	Naled	30	ug/kg	U	UJ	c	35.6, 41.3	20%D CCV
RSA12-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	4580	mg/kg		J-	c	89.1	%R (90-110)
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.42	ug/kg	U	UJ	c	28.8	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.93	ug/kg	U	UJ	c	31.5	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.69	ug/kg	U	UJ	c	35.8	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.98	ug/kg	U	UJ	c	29.3	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.48	ug/kg	U	UJ	c	29.1	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.89	ug/kg	U	UJ	c	30.5	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.38	ug/kg	U	UJ	c	31.5	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.63	ug/kg	U	UJ	c	27.6	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.57	ug/kg	U	UJ	c	32.3	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.39	ug/kg	U	UJ	c	28.0	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.97	ug/kg	U	UJ	c	42.9	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	1.2	ug/kg	U	UJ	c	30.0	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.75	ug/kg	U	UJ	c	31.2	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.51	ug/kg	U	UJ	c	30.8	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.58	ug/kg	U	UJ	c	32.5	25%D CCV
RSA12-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.42	ug/kg	U	UJ	c	32.5	25%D CCV
RSA12-0.5BDL	R0903051	SW 846 8270C	SO	Octachlorostyrene	21000	ug/kg	D	J	c	0.048 0.047	0.05 RRF CCV
RSIA3-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	2040	mg/kg		J-	c	89.1	%R (90-110)
RSIA3-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.32	ug/kg	U	UJ	c	28.8	25%D CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
RSAI3-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.72	ug/kg	U	UJ	c	31.5	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.53	ug/kg	U	UJ	c	35.8	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.76	ug/kg	U	UJ	c	29.3	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.37	ug/kg	U	UJ	c	29.1	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.69	ug/kg	U	UJ	c	30.5	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.29	ug/kg	U	UJ	c	31.5	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.49	ug/kg	U	UJ	c	27.6	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.44	ug/kg	U	UJ	c	32.3	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.30	ug/kg	U	UJ	c	28.0	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.75	ug/kg	U	UJ	c	42.9	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.91	ug/kg	U	UJ	c	30.0	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.58	ug/kg	U	UJ	c	31.2	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.39	ug/kg	U	UJ	c	30.8	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.45	ug/kg	U	UJ	c	32.5	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.32	ug/kg	U	UJ	c	32.5	25%D CCV
RSAI3-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	2800	ug/kg		J	c	0.048 0.047	0.05 RRF CCV
RSAJ2-0.5B	R0903051	SM 5540C	SO	MBAS	50.2	mg/kg		J+	c	112-115	%R (90-110)
RSAJ2-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	600	ug/kg		J	c	0.048 0.049	0.05 RRF CCV
RSAJ3-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	170	ug/kg		J	c	0.048 0.049	0.05 RRF CCV
RSAJ5-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	15800	mg/kg		J-	c	89.1	%R (90-110)
RSAJ5-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	1300	ug/kg		J	c	0.048 0.047	0.05 RRF CCV
RSAK5-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	1480	mg/kg		J-	c	89.1	%R (90-110)
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.32	ug/kg	U	UJ	c	28.8	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.71	ug/kg	U	UJ	c	31.5	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.52	ug/kg	U	UJ	c	35.8	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.75	ug/kg	U	UJ	c	29.3	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.37	ug/kg	U	UJ	c	29.1	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.68	ug/kg	U	UJ	c	30.5	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.29	ug/kg	U	UJ	c	31.5	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.49	ug/kg	U	UJ	c	27.6	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.44	ug/kg	U	UJ	c	32.3	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.30	ug/kg	U	UJ	c	28.0	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.74	ug/kg	U	UJ	c	42.9	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.90	ug/kg	U	UJ	c	30.0	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.57	ug/kg	U	UJ	c	31.2	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.39	ug/kg	U	UJ	c	30.8	25%D CCV
RSAK5-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.45	ug/kg	U	UJ	c	32.5	25%D CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
RSAK5-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.32	ug/kg	U	UJ	c	32.5	25%D CCV
RSAK5-0.5BDL	R0903051	SW 846 8270C	SO	Octachlorostyrene	1700	ug/kg	D	J	c	0.048 0.047	0.05 RRF CCV
RSAL3-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	8950	mg/kg		J-	c	89.1	%R (90-110)
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.32	ug/kg	U	UJ	c	28.8	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.72	ug/kg	U	UJ	c	31.5	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.53	ug/kg	U	UJ	c	35.8	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.75	ug/kg	U	UJ	c	29.3	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.37	ug/kg	U	UJ	c	29.1	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.69	ug/kg	U	UJ	c	30.5	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.29	ug/kg	U	UJ	c	31.5	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.49	ug/kg	U	UJ	c	27.6	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.44	ug/kg	U	UJ	c	32.3	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.30	ug/kg	U	UJ	c	28.0	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.74	ug/kg	U	UJ	c	42.9	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.90	ug/kg	U	UJ	c	30.0	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.58	ug/kg	U	UJ	c	31.2	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.39	ug/kg	U	UJ	c	30.8	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.45	ug/kg	U	UJ	c	32.5	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.32	ug/kg	U	UJ	c	32.5	25%D CCV
RSAL3-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	34	ug/kg		J	c	0.048 0.049	0.05 RRF CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.31	ug/kg	U	UJ	c	28.8	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.68	ug/kg	U	UJ	c	31.5	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.50	ug/kg	U	UJ	c	35.8	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.72	ug/kg	U	UJ	c	29.3	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.35	ug/kg	U	UJ	c	29.1	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.65	ug/kg	U	UJ	c	30.5	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.28	ug/kg	U	UJ	c	31.5	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.47	ug/kg	U	UJ	c	27.6	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.42	ug/kg	U	UJ	c	32.3	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.29	ug/kg	U	UJ	c	28.0	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.71	ug/kg	U	UJ	c	42.9	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.86	ug/kg	U	UJ	c	30.0	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.55	ug/kg	U	UJ	c	31.2	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.37	ug/kg	U	UJ	c	30.8	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.43	ug/kg	U	UJ	c	32.5	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.31	ug/kg	U	UJ	c	32.5	25%D CCV
RSAM2-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048	0.05 RRF ICAL

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits	
RSAM3-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	2210	mg/kg		J-	c	89.1	%R (90-110)	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.35	ug/kg	U	UJ	c	28.8	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.78	ug/kg	U	UJ	c	31.5	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.58	ug/kg	U	UJ	c	35.8	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.83	ug/kg	U	UJ	c	29.3	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.41	ug/kg	U	UJ	c	29.1	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.75	ug/kg	U	UJ	c	30.5	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.32	ug/kg	U	UJ	c	31.5	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.54	ug/kg	U	UJ	c	27.6	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.48	ug/kg	U	UJ	c	32.3	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.33	ug/kg	U	UJ	c	28.0	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.82	ug/kg	U	UJ	c	42.9	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.99	ug/kg	U	UJ	c	30.0	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.63	ug/kg	U	UJ	c	31.2	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.43	ug/kg	U	UJ	c	30.8	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.49	ug/kg	U	UJ	c	32.5	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.35	ug/kg	U	UJ	c	32.5	25%D CCV	
RSAM3-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048	0.05 RRF ICAL	
SA100-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	2460	mg/kg		J-	c	89.1	%R (90-110)	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.32	ug/kg	U	UJ	c	28.8	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.71	ug/kg	U	UJ	c	31.5	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.52	ug/kg	U	UJ	c	35.8	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.75	ug/kg	U	UJ	c	29.3	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.37	ug/kg	U	UJ	c	29.1	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.68	ug/kg	U	UJ	c	30.5	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.29	ug/kg	U	UJ	c	31.5	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.48	ug/kg	U	UJ	c	27.6	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.43	ug/kg	U	UJ	c	32.3	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.30	ug/kg	U	UJ	c	28.0	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.74	ug/kg	U	UJ	c	42.9	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.89	ug/kg	U	UJ	c	30.0	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.57	ug/kg	U	UJ	c	31.2	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.39	ug/kg	U	UJ	c	30.8	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.44	ug/kg	U	UJ	c	32.5	25%D CCV	
SA100-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.32	ug/kg	U	UJ	c	32.5	25%D CCV	
SA100-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	3.5	ug/kg	U	UJ	c	0.048	0.047	0.05 RRF CCV
SA152-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048	0.049	0.05 RRF CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA152009-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	3.5	ug/kg	U	UJ	c	0.048 0.049	0.05 RRF CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.29	ug/kg	U	UJ	c	28.8	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.65	ug/kg	U	UJ	c	31.5	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.48	ug/kg	U	UJ	c	35.8	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.69	ug/kg	U	UJ	c	29.3	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.34	ug/kg	U	UJ	c	29.1	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.63	ug/kg	U	UJ	c	30.5	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.27	ug/kg	U	UJ	c	31.5	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.45	ug/kg	U	UJ	c	27.6	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.40	ug/kg	U	UJ	c	32.3	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.28	ug/kg	U	UJ	c	28.0	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.68	ug/kg	U	UJ	c	42.9	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.83	ug/kg	U	UJ	c	30.0	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.53	ug/kg	U	UJ	c	31.2	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.36	ug/kg	U	UJ	c	30.8	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.41	ug/kg	U	UJ	c	32.5	25%D CCV
SA189-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.29	ug/kg	U	UJ	c	32.5	25%D CCV
SA189-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	28	ug/kg		J	c	0.048 0.049	0.05 RRF CCV
SA202-0.5B	R0903051	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	c,bf	112-115	%R (90-110)
SA202-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048 0.049	0.05 RRF CCV
SA76-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	1870	mg/kg		J	c,fd	89.1	%R (90-110)
SA76-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.38	ug/kg	U	UJ	c	28.8	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.86	ug/kg	U	UJ	c	31.5	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.63	ug/kg	U	UJ	c	35.8	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.91	ug/kg	U	UJ	c	29.3	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.44	ug/kg	U	UJ	c	29.1	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.82	ug/kg	U	UJ	c	30.5	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.35	ug/kg	U	UJ	c	31.5	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.59	ug/kg	U	UJ	c	27.6	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.53	ug/kg	U	UJ	c	32.3	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.36	ug/kg	U	UJ	c	28.0	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.90	ug/kg	U	UJ	c	42.9	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	1.1	ug/kg	U	UJ	c	30.0	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.69	ug/kg	U	UJ	c	31.2	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.47	ug/kg	U	UJ	c	30.8	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.54	ug/kg	U	UJ	c	32.5	25%D CCV
SA76-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.38	ug/kg	U	UJ	c	32.5	25%D CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA76-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	5400	ug/kg		J	c	0.048 0.047	0.05 RRF CCV
SA76009-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	3580	mg/kg		J	c,fd	89.1	%R (90-110)
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,1,2,2-Tetrachloroethane	0.33	ug/kg	U	UJ	c	28.8	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.73	ug/kg	U	UJ	c	31.5	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,2,3-Trichloropropane	0.54	ug/kg	U	UJ	c	35.8	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.77	ug/kg	U	UJ	c	29.3	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,2,4-Trimethylbenzene	0.38	ug/kg	U	UJ	c	29.1	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.70	ug/kg	U	UJ	c	30.5	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,3,5-Trimethylbenzene	0.30	ug/kg	U	UJ	c	31.5	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	1,3-Dichlorobenzene	0.50	ug/kg	U	UJ	c	27.6	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	4-Isopropyltoluene	0.45	ug/kg	U	UJ	c	32.3	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	Bromobenzene	0.31	ug/kg	U	UJ	c	28.0	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	Hexachlorobutadiene	0.76	ug/kg	U	UJ	c	42.9	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	Naphthalene	0.92	ug/kg	U	UJ	c	30.0	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	N-Butylbenzene	0.59	ug/kg	U	UJ	c	31.2	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	N-Propylbenzene	0.40	ug/kg	U	UJ	c	30.8	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	sec-Butylbenzene	0.46	ug/kg	U	UJ	c	32.5	25%D CCV
SA76009-0.5B	R0903051	SW 846 8260B	SO	tert-Butylbenzene	0.33	ug/kg	U	UJ	c	32.5	25%D CCV
SA76009-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	7000	ug/kg		J	c	0.048 0.049	0.05 RRF CCV
SA88-0.5B	R0903051	SM 5540C	SO	MBAS	0.9	mg/kg	J	UJ	c,bf	112-115	%R (90-110)
SA88-0.5B	R0903051	SW 846 8270C	SO	Octachlorostyrene	390	ug/kg		J	c	0.048 0.049	0.05 RRF CCV
RSAJ6-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	5660	mg/kg		J-	c	89.1	%R (90-110)
RSAJ6-0.5BDL	R0903184	SW 846 8270C	SO	Octachlorostyrene	21000	ug/kg	D	J	c	0.048	0.05 RRF ICAL
RSAK4-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	1660	mg/kg		J	c,fd	88.0	%R (90-110)
RSAK4-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	50	ug/kg		J	c	0.048 0.047	0.05 RRF CCV
RSAK4009-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	960	mg/kg		J	c,fd	88.0	%R (90-110)
RSAK4009-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	47	ug/kg		J	c	0.048 0.047	0.05 RRF CCV
RSAK6-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	1840	mg/kg		J-	c	89.1	%R (90-110)
RSAK6-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048	0.05 RRF ICAL
RSAK8-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	1740	mg/kg		J-	c	89.1	%R (90-110)
RSAK8-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	140	ug/kg		J	c	0.048	0.05 RRF ICAL
RSAL7-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	650	mg/kg		J-	c	89.1	%R (90-110)
RSAL7-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048	0.05 RRF ICAL
RSAL8-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	2040	mg/kg		J-	c	89.1	%R (90-110)
RSAL8-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	80	ug/kg		J	c	0.048	0.05 RRF ICAL
RSOA3-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	2390	mg/kg		J-	c	86.4	%R (90-110)
RSOA3-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	91	ug/kg		J	c	0.048 0.047	0.05 RRF CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA127-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	790	mg/kg		J-	c	89.1	%R (90-110)
SA127-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	150	ug/kg		J	c	0.048	0.05 RRF ICAL
SA134-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	3420	mg/kg		J-	c	88.0	%R (90-110)
SA134-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	320	ug/kg		J	c	0.048	0.05 RRF ICAL
SA166-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	880	mg/kg		J-	c	88.0	%R (90-110)
SA166-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048 0.047	0.05 RRF CCV
SA176-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	1440	mg/kg		J-	c	86.4	%R (90-110)
SA176-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048 0.047	0.05 RRF CCV
SA182-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	37900	mg/kg		J-	c	88.0	%R (90-110)
SA182-0.5BDL	R0903184	SW 846 8270C	SO	Octachlorostyrene	5200	ug/kg	D	J	c	0.048	0.05 RRF ICAL
SA201-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	6640	mg/kg		J-	c	88.0	%R (90-110)
SA201-0.5BDL	R0903184	SW 846 8270C	SO	Octachlorostyrene	1300	ug/kg	D	J	c	0.048	0.05 RRF ICAL
SA35-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	770	mg/kg		J-	c	86.4	%R (90-110)
SA35-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048 0.047	0.05 RRF CCV
SA55-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	3280	mg/kg		J-	c	86.4	%R (90-110)
SA55-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	3.6	ug/kg	U	UJ	c	0.048 0.047	0.05 RRF CCV
SA56-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	6930	mg/kg		J-	c	86.4	%R (90-110)
SA56-0.5B	R0903184	SW 846 8270C	SO	Octachlorostyrene	18	ug/kg	U	UJ	c	0.048 0.047	0.05 RRF CCV
SA85-0.5B	R0903340	Lloyd Kahn	SO	Total Organic Carbon	990	mg/kg		J-	c	88	%R (90-110)
SA85-0.5B	R0903340	SW 846 8270C	SO	Octachlorostyrene	8.0	ug/kg		J	c	0.045	0.05 RRF CCV
SA85-0.5B	R0903340	SW 846 8315A	SO	Formaldehyde	89	ug/kg	BJ	UJ	bl,c	28	20%D ICV
SA201009-28B	R0903443	Lloyd Kahn	SO	Total Organic Carbon	270	mg/kg	BJ	UJ	bl,bf,c	89.3	%R (90-110)
SA201009-28B	R0903443	SW 846 8270C	SO	Octachlorostyrene	4.4	ug/kg	U	UJ	c	0.048	0.05 RRF ICAL
SA201-10B	R0903443	Lloyd Kahn	SO	Total Organic Carbon	650	mg/kg		J-	c	89.3	%R (90-110)
SA201-28B	R0903443	Lloyd Kahn	SO	Total Organic Carbon	270	mg/kg	BJ	UJ	bl,bf,c	89.3	%R (90-110)
SA201-28B	R0903443	SW 846 8270C	SO	Octachlorostyrene	5.1	ug/kg	J	J	c,sp	0.048	0.05 RRF ICAL
RSAI2-10B	R0903584	SW 846 8260B	SO	Acetone	6.4	ug/kg	BJ	UJ	bt,be,bf	25.2	25%D CCV
RSAI3-10B	R0903584	SW 846 8260B	SO	Acetone	13	ug/kg	BJ	J+	c,sp	25.2	25%D CCV
RSAI3-20B	R0903584	SW 846 8260B	SO	Acetone	95	ug/kg		J+	c	25.2	25%D CCV
RSAI3-32B	R0903584	SW 846 8260B	SO	Acetone	7.2	ug/kg	BJ	UJ	bf,c	25.2	25%D CCV
SA202-28B	R0903584	SW 846 8260B	SO	Acetone	15	ug/kg	BJ	J+	c,sp	25.2	25%D CCV
SA152-10B	R0903615	SM 5540C	SO	MBAS	1.5	mg/kg	J	UJ	bf,c	112,114	%R (90-110)
SA152-20B	R0903615	SM 5540C	SO	MBAS	1.4	mg/kg	J	UJ	bf,c	112,114	%R (90-110)
SA152-34B	R0903615	Lloyd Kahn	SO	Total Organic Carbon	1500	mg/kg		J-	c	85.6	%R (90-110)
SA152-34B	R0903615	SM 5540C	SO	MBAS	1.8	mg/kg	J	UJ	bf,c	112,114	%R (90-110)
RSAL3-10B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	2100	mg/kg		J-	c	85.6	%R (90-110)
RSAL3-30B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	2000	mg/kg		J-	c	85.6	%R (90-110)

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
SA134-10B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	3570	mg/kg		J-	c	85.6	%R (90-110)
SA134-20B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	1350	mg/kg		J-	c	85.6	%R (90-110)
SA134-20B	R0903678	SW 846 8260B	SO	t-Butyl alcohol	5.5	ug/kg	U	UJ	c	0.026	0.05 RRF ICAL
SA134-31B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	950	mg/kg	B	J-	c	85.6	%R (90-110)
SA82-0.5B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	2100	mg/kg		J-	c	85.6	%R (90-110)
SA82-10B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	2130	mg/kg		J-	c	85.6	%R (90-110)
SA82-29B	R0903678	Lloyd Kahn	SO	Total Organic Carbon	1600	mg/kg		J-	c	85.6	%R (90-110)
SA206-30B	R0903729	SW 846 8260B	SO	Acetone	160	ug/kg	U	UJ	c	30.2	25%D CCV
SA206-30B	R0903729	SW 846 8260B	SO	t-Butyl alcohol	720	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA69-29B	R0903729	SW 846 8260B	SO	Acetone	140	ug/kg	U	UJ	c	30.2	25%D CCV
SA69-29B	R0903729	SW 846 8260B	SO	t-Butyl alcohol	630	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
RSAN3-0.5B	R0903820	SW 846 8315A	SO	Formaldehyde	61	ug/kg	BJ	UJ	bl,c	28	20%D ICV
RSAN3009-20B	R0903820	SW 846 8315A	SO	Formaldehyde	270	ug/kg		J+	c	28	20%D ICV
RSAN3-10B	R0903820	SW 846 8315A	SO	Formaldehyde	63	ug/kg	BJ	UJ	bl,c	28	20%D ICV
RSAN3-20B	R0903820	SW 846 8315A	SO	Formaldehyde	290	ug/kg		J+	c	28	20%D ICV
RSAN3-32B	R0903820	SW 846 8260B	SO	Acetone	110	ug/kg	U	UJ	c	30.2	25%D CCV
RSAN3-32B	R0903820	SW 846 8260B	SO	t-Butyl alcohol	490	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
RSAN3-32B	R0903820	SW 846 8315A	SO	Formaldehyde	130	ug/kg	BJ	J+	c,sp	28	20%D ICV
SA85-10B	R0903820	SW 846 8315A	SO	Formaldehyde	1000	ug/kg		J+	c	28	20%D ICV
SA85-20B	R0903820	SW 846 8315A	SO	Formaldehyde	100	ug/kg	BJ	J+	c,sp	28	20%D ICV
SA85-33B	R0903820	SW 846 8260B	SO	Acetone	170	ug/kg	U	UJ	c	30.2	25%D CCV
SA85-33B	R0903820	SW 846 8260B	SO	t-Butyl alcohol	760	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA85-33B	R0903820	SW 846 8315A	SO	Formaldehyde	180	ug/kg	BJ	J+	c,sp	28	20%D ICV
RSA03009-20B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	41	ug/kg	U	UJ	c	25.5	25%D ICV
RSA03-10B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.63	ug/kg	U	UJ	c	29.5	25%D CCV
RSA03-10B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	36	ug/kg	U	UJ	c	25.5	25%D ICV
RSA03-20B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	1.3	ug/kg	U	UJ	c	29.5	25%D CCV
RSA03-20B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	42	ug/kg	U	UJ	c	25.5	25%D ICV
RSAM2009-20B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.85	ug/kg	U	UJ	c	29.5	25%D CCV
RSAM2009-20B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	35	ug/kg	U	UJ	c	25.5	25%D ICV
RSAM2-10B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.60	ug/kg	U	UJ	c	29.5	25%D CCV
RSAM2-10B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	35	ug/kg	U	UJ	c	25.5	25%D ICV
RSAM2-20B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.67	ug/kg	U	UJ	c	29.5	25%D CCV
RSAM2-20B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	35	ug/kg	U	UJ	c	25.5	25%D ICV
RSAM2-35B	R0903866	SW 846 8260B	SO	t-Butyl alcohol	2500	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
RSAM2-35B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	50	ug/kg	U	UJ	c	25.5	25%D ICV
RSAM3-10B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.54	ug/kg	U	UJ	c	29.5	25%D CCV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
RSAM3-10B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	35	ug/kg	U	UJ	c	25.5	25%D ICV
RSAM3-30B	R0903866	SW 846 8260B	SO	t-Butyl alcohol	970	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
RSAM3-30B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	46	ug/kg	U	UJ	c	25.5	25%D ICV
SA176009-37B	R0903866	SW 846 8260B	SO	t-Butyl alcohol	990	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA176009-37B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	52	ug/kg	U	UJ	c	25.5	25%D ICV
SA176-10B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.55	ug/kg	U	UJ	c	29.5	25%D CCV
SA176-10B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	37	ug/kg	BJ	UJ	bl,c	25.5	25%D ICV
SA176-25B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.98	ug/kg	U	UJ	c	29.5	25%D CCV
SA176-25B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	39	ug/kg	U	UJ	c	25.5	25%D ICV
SA176-37B	R0903866	SW 846 8260B	SO	t-Butyl alcohol	1100	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA176-37B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	51	ug/kg	U	UJ	c	25.5	25%D ICV
SA35009-32B	R0903866	SW 846 8260B	SO	t-Butyl alcohol	1100	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA35009-32B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	51	ug/kg	U	UJ	c	25.5	25%D ICV
SA35-10B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.55	ug/kg	U	UJ	c	29.5	25%D CCV
SA35-10B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	35	ug/kg	U	UJ	c	25.5	25%D ICV
SA35-20B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	0.58	ug/kg	U	UJ	c	29.5	25%D CCV
SA35-20B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	36	ug/kg	U	UJ	c	25.5	25%D ICV
SA35-32B	R0903866	SW 846 8260B	SO	t-Butyl alcohol	1800	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA35-32B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	51	ug/kg	U	UJ	c	25.5	25%D ICV
SA55-25B	R0903866	SW 846 8260B	SO	Hexachlorobutadiene	1.1	ug/kg	U	UJ	c	29.5	25%D CCV
SA55-25B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	43	ug/kg	U	UJ	c	25.5	25%D ICV
SA55-35B	R0903866	SW 846 8260B	SO	t-Butyl alcohol	1100	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA55-35B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	53	ug/kg	BJ	UJ	bl,c	25.5	25%D ICV
RSAM3-10BSPLP2	R0903926	SW 846 8270C	W	Di-N-Butyl phthalate	0.76	ug/l	BJ	UJ	bl,c	25.5	25%D ICV
RSAM3-10BSPLP3	R0903926	SW 846 8270C	W	Di-N-Butyl phthalate	1.7	ug/l	BJ	UJ	bl,c	25.5	25%D ICV
RSA03-31B	R0903970	SW 846 8260B	SO	t-Butyl alcohol	1100	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
RS AK5-10B	R0903970	SW 846 8270C	SO	Di-N-Butyl phthalate	180	ug/kg	U	UJ	c	25.5	25%D ICV
RS AK5-22B	R0903970	SW 846 8270C	SO	Di-N-Butyl phthalate	40	ug/kg	U	UJ	c	25.5	25%D ICV
RSAL5-30B	R0903970	SW 846 8270C	SO	Di-N-Butyl phthalate	45	ug/kg	U	UJ	c	25.5	25%D ICV
SA55-35B	R0903970	SW 846 8260B	SO	t-Butyl alcohol	1100	ug/kg	U	UJ	c,l	0.023	0.05 RRF CCV
SA74-10B	R0903970	SW 846 8270C	SO	Di-N-Butyl phthalate	36	ug/kg	U	UJ	c	25.5	25%D ICV
SA74-29B	R0903970	SW 846 8270C	SO	Di-N-Butyl phthalate	41	ug/kg	U	UJ	c	25.5	25%D ICV
RS AJ6-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RS AJ6-19B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.3	ug/kg	U	UJ	c	25.2	25%D ICV
RS AK6-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RS AK6-24B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RS AK8009-26B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.8	ug/kg	U	UJ	c	25.2	25%D ICV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
RSAK8-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RSAK8-26B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.8	ug/kg	U	UJ	c	25.2	25%D ICV
RSAL8-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RSAL8-28B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.6	ug/kg	U	UJ	c	25.2	25%D ICV
SA166-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	5.7	ug/kg	U	UJ	c	25.2	25%D ICV
SA166-20B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA166-31B	R0904016	SW 846 8260B	SO	Acetone	120	ug/kg	U	UJ	c	36.0	25%D CCV
SA166-31B	R0904016	SW 846 8260B	SO	t-Butyl alcohol	550	ug/kg	U	UJ	c	0.021	0.05 RRF CCV
SA166-31B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.5	ug/kg	U	UJ	c	25.2	25%D ICV
SA56-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA56-25B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA56-37B	R0904016	SW 846 8260B	SO	t-Butyl alcohol	570	ug/kg	U	UJ	c	0.023	0.05 RRF CCV
SA56-37B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.7	ug/kg	U	UJ	c	25.2	25%D ICV
SA75-0.5B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA75-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA75-28B	R0904016	SW 846 8260B	SO	2-Hexanone	0.58	ug/kg	J	J+	c,sp	30.3	25%D CCV
SA75-28B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	3.4	ug/kg	U	UJ	c	25.2	25%D ICV
SA76-10B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA76-20B	R0904016	SW 846 8270C	SO	Di-N-Octyl phthalate	1.3	ug/kg	U	UJ	c	25.2	25%D ICV
SA166-10BSPLP2	R0904084	SW 846 8270C	W	Di-N-Octyl phthalate	0.041	ug/l	U	UJ	c	25.2	25%D ICV
SA166-10BSPLP3	R0904084	SW 846 8260B	W	t-Butyl alcohol	11	ug/l	U	UJ	c	0.020	0.05 RRF CCV
SA166-10BSPLP3	R0904084	SW 846 8270C	W	Di-N-Octyl phthalate	0.041	ug/l	U	UJ	c	25.2	25%D ICV
SA182-10BSPLP2	R0904084	SW 846 8270C	W	Di-N-Octyl phthalate	0.041	ug/l	U	UJ	c	25.2	25%D ICV
SA182-10BSPLP3	R0904084	SW 846 8260B	W	t-Butyl alcohol	11	ug/l	U	UJ	c	0.020	0.05 RRF CCV
SA182-10BSPLP3	R0904084	SW 846 8270C	W	Di-N-Octyl phthalate	0.041	ug/l	U	UJ	c	25.2	25%D ICV
SA56-10BSPLP2	R0904084	SW 846 8270C	W	Di-N-Octyl phthalate	0.041	ug/l	U	UJ	c	25.2	25%D ICV
SA56-10BSPLP3	R0904084	SW 846 8260B	W	t-Butyl alcohol	11	ug/l	U	UJ	c	0.020	0.05 RRF CCV
SA56-10BSPLP3	R0904084	SW 846 8270C	W	Di-N-Octyl phthalate	0.041	ug/l	U	UJ	c	25.2	25%D ICV
RSAH3-0.5B	R0904102	SW 846 8081	SO	Endosulfan Sulfate	18	ug/kg	U	UJ	c	23.0	20%D CCV
RSAH3-0.5B	R0904102	SW 846 8081	SO	Endrin Ketone	18	ug/kg	U	UJ	c	26.9	20%D CCV
RSAH3009-0.5B	R0904102	SW 846 8081	SO	Endosulfan Sulfate	18	ug/kg	U	UJ	c	23.0	20%D CCV
RSAH3009-0.5B	R0904102	SW 846 8081	SO	Endrin Ketone	18	ug/kg	U	UJ	c	26.9	20%D CCV
RSAI4-20B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RSAI4-32B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.8	ug/kg	U	UJ	c	25.2	25%D ICV
RSAI5-0.5B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RSAI5009-10B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
RSAI5-10B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV

**Table 3-2
Qualifications Based on Calibration Criteria Exceedances**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	DQI Limits
RSAI5-28B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA182-10B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.2	ug/kg	U	UJ	c	25.2	25%D ICV
SA182-25B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.6	ug/kg	U	UJ	c	25.2	25%D ICV
SA182-38B	R0904102	SW 846 8270C	SO	Di-N-Octyl phthalate	1.6	ug/kg	U	UJ	c	25.2	25%D ICV
RSAJ3-10BSPLP3	R0904223	SW 846 8260B	W	t-Butyl alcohol	11	ug/l	U	UJ	c	0.017 0.018	0.05 RRF CCV
RSAJ3-29BSPLP3	R0904223	SW 846 8260B	W	t-Butyl alcohol	11	ug/l	U	UJ	c	0.017 0.018	0.05 RRF CCV
RSAJ3-10B	R0904279	Lloyd Kahn	SO	Total Organic Carbon	570	mg/kg	B	UJ	c	88.5	%R (90-110)
RSAJ3-29B	R0904279	Lloyd Kahn	SO	Total Organic Carbon	280	mg/kg	BJ	UJ	bl,be,bf,c	88.5	%R (90-110)
SA127-10B	R0904279	Lloyd Kahn	SO	Total Organic Carbon	420	mg/kg	B	UJ	c	88.5	%R (90-110)
SA127-10B-berm	R0904279	Lloyd Kahn	SO	Total Organic Carbon	590	mg/kg	B	UJ	c	88.5	%R (90-110)
SA127-20B	R0904279	Lloyd Kahn	SO	Total Organic Carbon	530	mg/kg	B	UJ	c	88.5	%R (90-110)
SA127-32B	R0904279	Lloyd Kahn	SO	Total Organic Carbon	240	mg/kg	BJ	UJ	bl,be,bf,c	88.5	%R (90-110)
SA127-5B-berm	R0904279	Lloyd Kahn	SO	Total Organic Carbon	1240	mg/kg		UJ	c	88.5	%R (90-110)

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

% D - Percent Difference

DQI - Data Quality Indicator

CCV - Continuing Calibration Verification

ICAL - Initial Calibration

ICV - Initial Calibration Verification

RRF - Relative Response Factor

Laboratory Qualifiers:

B - Analyte found in the associated method blank

D - Analysis at a secondary dilution factor

J - Estimated value

U - Analyte was analyzed for but not detected

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA180-0.5B	K0805780	SW 846 6010B	SO	Cobalt	6.98	mg/kg		J	sd	16.9	<10
SA180-0.5B	K0805780	SW 846 6010B	SO	Zinc	39.2	mg/kg		J	sd	17.1	<10
SA180-10B	K0805780	SW 846 6010B	SO	Cobalt	6.21	mg/kg		J	sd	16.9	<10
SA180-10B	K0805780	SW 846 6010B	SO	Zinc	28.5	mg/kg		J	sd	17.1	<10
SA180-20B	K0805780	SW 846 6010B	SO	Cobalt	7.49	mg/kg		J	sd	16.9	<10
SA180-20B	K0805780	SW 846 6010B	SO	Zinc	40.4	mg/kg		J	sd	17.1	<10
SA180-30B	K0805780	SW 846 6010B	SO	Cobalt	7.14	mg/kg		J	sd	16.9	<10
SA180-30B	K0805780	SW 846 6010B	SO	Zinc	53.6	mg/kg		J	sd	17.1	<10
SA57-0.5B	K0805780	SW 846 6010B	SO	Cobalt	8.33	mg/kg		J	sd	16.9	<10
SA57-0.5B	K0805780	SW 846 6010B	SO	Zinc	54.9	mg/kg		J	sd	17.1	<10
SA57-10B	K0805780	SW 846 6010B	SO	Cobalt	8.33	mg/kg		J	sd	16.9	<10
SA57-10B	K0805780	SW 846 6010B	SO	Zinc	35.9	mg/kg		J	sd	17.1	<10
SA57-20B	K0805780	SW 846 6010B	SO	Cobalt	7.69	mg/kg		J	sd	16.9	<10
SA57-20B	K0805780	SW 846 6010B	SO	Zinc	34.1	mg/kg		J	sd	17.1	<10
SA57-30B	K0805780	SW 846 6010B	SO	Cobalt	6.04	mg/kg		J	sd	16.9	<10
SA57-30B	K0805780	SW 846 6010B	SO	Zinc	43.3	mg/kg		J	sd	17.1	<10
SA87-0.5B	K0805780	SW 846 6010B	SO	Cobalt	7.49	mg/kg		J	sd	16.9	<10
SA87-0.5B	K0805780	SW 846 6010B	SO	Zinc	30.5	mg/kg		J	sd	17.1	<10
SA87-10B	K0805780	SW 846 6010B	SO	Cobalt	6.16	mg/kg		J	sd	16.9	<10
SA87-10B	K0805780	SW 846 6010B	SO	Zinc	27.3	mg/kg		J	sd	17.1	<10
SA87-20B	K0805780	SW 846 6010B	SO	Cobalt	3.69	mg/kg		J	sd	16.9	<10
SA87-20B	K0805780	SW 846 6010B	SO	Zinc	17.7	mg/kg		J	sd	17.1	<10
SA87-25B	K0805780	SW 846 6010B	SO	Cobalt	7.39	mg/kg		J	sd	16.9	<10
SA87-25B	K0805780	SW 846 6010B	SO	Zinc	48.1	mg/kg		J	sd	17.1	<10
SA87-30B	K0805780	SW 846 6010B	SO	Cobalt	6.41	mg/kg		J	sd	16.9	<10
SA87-30B	K0805780	SW 846 6010B	SO	Zinc	46	mg/kg		J	sd	17.1	<10
SA181-0.5B	K0806117	SW 846 6020	SO	Nickel	14.6	mg/kg		J	sd	19	<10
SA181-10B	K0806117	SW 846 6020	SO	Nickel	13.6	mg/kg		J	sd	19	<10
SA181-20B	K0806117	SW 846 6020	SO	Nickel	13	mg/kg		J	sd	19	<10
SA181-30B	K0806117	SW 846 6020	SO	Nickel	14.1	mg/kg		J	sd	19	<10
SA181-35B	K0806117	SW 846 6020	SO	Nickel	13.2	mg/kg		J	sd	19	<10
SA207-0.5B	K0806117	SW 846 6020	SO	Nickel	6.99	mg/kg		J	sd	19	<10
SA207-10B	K0806117	SW 846 6020	SO	Nickel	6.54	mg/kg		J	sd	19	<10
SA207-20B	K0806117	SW 846 6020	SO	Nickel	13.8	mg/kg		J	sd	19	<10
SA207-30B	K0806117	SW 846 6020	SO	Nickel	15.5	mg/kg		J	sd	19	<10
SA207-40B	K0806117	SW 846 6020	SO	Nickel	15.1	mg/kg		J	sd	19	<10
RSAN2-0.5B	K0806216	SW 846 6010B	SO	Iron	13100	mg/kg		J	sd	10.5	<10
RSAN2-0.5B	K0806216	SW 846 6010B	SO	Zinc	28.3	mg/kg		J	sd	14.6	<10
RSAN2-0.5B	K0806216	SW 846 6020	SO	Lead	8.34	mg/kg		J	sd	46	<10
RSAN2-0.5B	K0806216	SW 846 6020	SO	Nickel	11.1	mg/kg		J	sd	28	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAN2-10B	K0806216	SW 846 6010B	SO	Iron	13200	mg/kg		J	sd	10.5	<10
RSAN2-10B	K0806216	SW 846 6010B	SO	Zinc	30.1	mg/kg		J	sd	14.6	<10
RSAN2-10B	K0806216	SW 846 6020	SO	Lead	9.7	mg/kg		J	sd	46	<10
RSAN2-10B	K0806216	SW 846 6020	SO	Nickel	13.2	mg/kg		J	sd	28	<10
RSAN2-20B	K0806216	SW 846 6010B	SO	Iron	12300	mg/kg		J	sd	10.5	<10
RSAN2-20B	K0806216	SW 846 6010B	SO	Zinc	26.3	mg/kg		J	sd	14.6	<10
RSAN2-20B	K0806216	SW 846 6020	SO	Lead	8.72	mg/kg		J	sd	46	<10
RSAN2-20B	K0806216	SW 846 6020	SO	Nickel	14.6	mg/kg		J	sd	28	<10
SA183-0.5B	K0806216	SW 846 6010B	SO	Iron	12200	mg/kg		J	sd	10.5	<10
SA183-0.5B	K0806216	SW 846 6010B	SO	Zinc	164	mg/kg		J	sd	14.6	<10
SA183-0.5B	K0806216	SW 846 6020	SO	Lead	12.7	mg/kg		J	sd	46	<10
SA183-0.5B	K0806216	SW 846 6020	SO	Nickel	12.3	mg/kg		J	sd	28	<10
SA47-0.5B	K0806216	SW 846 6010B	SO	Iron	14000	mg/kg		J	sd	10.5	<10
SA47-0.5B	K0806216	SW 846 6010B	SO	Zinc	73	mg/kg		J	sd	14.6	<10
SA47-0.5B	K0806216	SW 846 6020	SO	Lead	18.1	mg/kg		J	sd	46	<10
SA47-0.5B	K0806216	SW 846 6020	SO	Nickel	14.8	mg/kg		J	sd	28	<10
SA47-10B	K0806216	SW 846 6010B	SO	Iron	14300	mg/kg		J	sd	10.5	<10
SA47-10B	K0806216	SW 846 6010B	SO	Zinc	30.1	mg/kg		J	sd	14.6	<10
SA47-10B	K0806216	SW 846 6020	SO	Lead	9.51	mg/kg		J	sd	46	<10
SA47-10B	K0806216	SW 846 6020	SO	Nickel	16.2	mg/kg		J	sd	28	<10
SA47-20B	K0806216	SW 846 6010B	SO	Iron	10600	mg/kg		J	sd	10.5	<10
SA47-20B	K0806216	SW 846 6010B	SO	Zinc	24	mg/kg		J	sd	14.6	<10
SA47-20B	K0806216	SW 846 6020	SO	Lead	7.12	mg/kg		J	sd	46	<10
SA47-20B	K0806216	SW 846 6020	SO	Nickel	12.5	mg/kg		J	sd	28	<10
SA47-30B	K0806216	SW 846 6010B	SO	Iron	16100	mg/kg		J	sd	10.5	<10
SA47-30B	K0806216	SW 846 6010B	SO	Zinc	53.5	mg/kg		J	sd	14.6	<10
SA47-30B	K0806216	SW 846 6020	SO	Lead	10.4	mg/kg		J	sd	46	<10
SA47-30B	K0806216	SW 846 6020	SO	Nickel	16.2	mg/kg		J	sd	28	<10
SA47-35B	K0806216	SW 846 6010B	SO	Iron	15000	mg/kg		J	sd	10.5	<10
SA47-35B	K0806216	SW 846 6010B	SO	Zinc	40.9	mg/kg		J	sd	14.6	<10
SA47-35B	K0806216	SW 846 6020	SO	Lead	10.1	mg/kg		J	sd	46	<10
SA47-35B	K0806216	SW 846 6020	SO	Nickel	14.9	mg/kg		J	sd	28	<10
SA67-0.5B	K0806216	SW 846 6010B	SO	Iron	11000	mg/kg		J	sd	10.5	<10
SA67-0.5B	K0806216	SW 846 6010B	SO	Zinc	29.9	mg/kg		J	sd	14.6	<10
SA67-0.5B	K0806216	SW 846 6020	SO	Lead	11.8	mg/kg		J	sd	46	<10
SA67-0.5B	K0806216	SW 846 6020	SO	Nickel	13.3	mg/kg		J	sd	28	<10
SA67-10B	K0806216	SW 846 6010B	SO	Iron	13300	mg/kg		J	sd	10.5	<10
SA67-10B	K0806216	SW 846 6010B	SO	Zinc	29.8	mg/kg		J	sd	14.6	<10
SA67-10B	K0806216	SW 846 6020	SO	Lead	10.2	mg/kg		J	sd	46	<10
SA67-10B	K0806216	SW 846 6020	SO	Nickel	13.1	mg/kg		J	sd	28	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA67-20B	K0806216	SW 846 6010B	SO	Iron	7990	mg/kg		J	sd	10.5	<10
SA67-20B	K0806216	SW 846 6010B	SO	Zinc	16.7	mg/kg		J	sd	14.6	<10
SA67-20B	K0806216	SW 846 6020	SO	Lead	7.87	mg/kg		J	sd	46	<10
SA67-20B	K0806216	SW 846 6020	SO	Nickel	7.91	mg/kg		J	sd	28	<10
SA67-30B	K0806216	SW 846 6010B	SO	Iron	14100	mg/kg		J	sd	10.5	<10
SA67-30B	K0806216	SW 846 6010B	SO	Zinc	36.4	mg/kg		J	sd	14.6	<10
SA67-30B	K0806216	SW 846 6020	SO	Lead	10.6	mg/kg		J	sd	46	<10
SA67-30B	K0806216	SW 846 6020	SO	Nickel	10.4	mg/kg		J	sd	28	<10
SA67-35B	K0806216	SW 846 6010B	SO	Iron	16000	mg/kg		J	sd	10.5	<10
SA67-35B	K0806216	SW 846 6010B	SO	Zinc	45.2	mg/kg		J	sd	14.6	<10
SA67-35B	K0806216	SW 846 6020	SO	Lead	10.7	mg/kg		J	sd	46	<10
SA67-35B	K0806216	SW 846 6020	SO	Nickel	12.9	mg/kg		J	sd	28	<10
RSA02-0.5B	K0806275	SW 846 6010B	SO	Cobalt	6.63	mg/kg		J	sd	11.9	<10
RSA02-0.5B	K0806275	SW 846 6010B	SO	Zinc	28.1	mg/kg		J	sd	16.3	<10
RSA02-0.5B	K0806275	SW 846 6020	SO	Nickel	13.6	mg/kg		J	sd	21	<10
RSA02-10B	K0806275	SW 846 6010B	SO	Cobalt	6.15	mg/kg		J	sd	11.9	<10
RSA02-10B	K0806275	SW 846 6010B	SO	Zinc	26.7	mg/kg		J	sd	16.3	<10
RSA02-10B	K0806275	SW 846 6020	SO	Nickel	13	mg/kg		J	sd	21	<10
RSA02-20B	K0806275	SW 846 6010B	SO	Cobalt	6.26	mg/kg		J	sd	11.9	<10
RSA02-20B	K0806275	SW 846 6010B	SO	Zinc	40.7	mg/kg		J	sd	16.3	<10
RSA02-20B	K0806275	SW 846 6020	SO	Nickel	12	mg/kg		J	sd	21	<10
RSA02-20BD	K0806275	SW 846 6010B	SO	Cobalt	6.32	mg/kg		J	sd	11.9	<10
RSA02-20BD	K0806275	SW 846 6010B	SO	Zinc	37.4	mg/kg		J	sd	16.3	<10
RSA02-20BD	K0806275	SW 846 6020	SO	Nickel	12.7	mg/kg		J	sd	21	<10
RSA02-30B	K0806275	SW 846 6010B	SO	Cobalt	7.22	mg/kg		J	sd	11.9	<10
RSA02-30B	K0806275	SW 846 6010B	SO	Zinc	52.8	mg/kg		J	sd	16.3	<10
RSA02-30B	K0806275	SW 846 6020	SO	Nickel	14.8	mg/kg		J	sd	21	<10
RSA02-33B	K0806275	SW 846 6010B	SO	Cobalt	5.79	mg/kg		J	sd	11.9	<10
RSA02-33B	K0806275	SW 846 6010B	SO	Zinc	39.1	mg/kg		J	sd	16.3	<10
RSA02-33B	K0806275	SW 846 6020	SO	Nickel	12.7	mg/kg		J	sd	21	<10
RSA04-0.5B	K0806275	SW 846 6010B	SO	Cobalt	7.14	mg/kg		J	sd	11.9	<10
RSA04-0.5B	K0806275	SW 846 6010B	SO	Zinc	36.6	mg/kg		J	sd	16.3	<10
RSA04-0.5B	K0806275	SW 846 6020	SO	Nickel	14.5	mg/kg		J	sd	21	<10
RSA04-10B	K0806275	SW 846 6010B	SO	Cobalt	7.64	mg/kg		J	sd	11.9	<10
RSA04-10B	K0806275	SW 846 6010B	SO	Zinc	35.2	mg/kg		J	sd	16.3	<10
RSA04-10B	K0806275	SW 846 6020	SO	Nickel	12.5	mg/kg		J	sd	21	<10
RSA04-20B	K0806275	SW 846 6010B	SO	Cobalt	5.31	mg/kg		J	sd	11.9	<10
RSA04-20B	K0806275	SW 846 6010B	SO	Zinc	35.5	mg/kg		J	sd	16.3	<10
RSA04-20B	K0806275	SW 846 6020	SO	Nickel	11.8	mg/kg		J	sd	21	<10
RSA04-30B	K0806275	SW 846 6010B	SO	Cobalt	6.31	mg/kg		J	sd	11.9	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSA04-30B	K0806275	SW 846 6010B	SO	Zinc	44.2	mg/kg		J	sd	16.3	<10
RSA04-30B	K0806275	SW 846 6020	SO	Nickel	15.8	mg/kg		J	sd	21	<10
RSA04-36B	K0806275	SW 846 6010B	SO	Cobalt	6.13	mg/kg		J	sd	11.9	<10
RSA04-36B	K0806275	SW 846 6010B	SO	Zinc	37.6	mg/kg		J	sd	16.3	<10
RSA04-36B	K0806275	SW 846 6020	SO	Nickel	13.5	mg/kg		J	sd	21	<10
RSAN2-30B	K0806275	SW 846 6010B	SO	Cobalt	7.3	mg/kg		J	sd	11.9	<10
RSAN2-30B	K0806275	SW 846 6010B	SO	Zinc	50.4	mg/kg		J	sd	16.3	<10
RSAN2-30B	K0806275	SW 846 6020	SO	Nickel	14.6	mg/kg		J	sd	21	<10
RSAN2-30BD	K0806275	SW 846 6010B	SO	Cobalt	7.46	mg/kg		J	sd	11.9	<10
RSAN2-30BD	K0806275	SW 846 6010B	SO	Zinc	50.6	mg/kg		J	sd	16.3	<10
RSAN2-30BD	K0806275	SW 846 6020	SO	Nickel	14.1	mg/kg		J	sd	21	<10
RSAN2-35B	K0806275	SW 846 6010B	SO	Cobalt	6.21	mg/kg		J	sd	11.9	<10
RSAN2-35B	K0806275	SW 846 6010B	SO	Zinc	36.3	mg/kg		J	sd	16.3	<10
RSAN2-35B	K0806275	SW 846 6020	SO	Nickel	11.3	mg/kg		J	sd	21	<10
SA183-10B	K0806275	SW 846 6010B	SO	Cobalt	6.01	mg/kg		J	sd	11.9	<10
SA183-10B	K0806275	SW 846 6010B	SO	Zinc	29.6	mg/kg		J	sd	16.3	<10
SA183-10B	K0806275	SW 846 6020	SO	Nickel	12.7	mg/kg		J	sd	21	<10
SA183-10BD	K0806275	SW 846 6010B	SO	Cobalt	7.09	mg/kg		J	sd	11.9	<10
SA183-10BD	K0806275	SW 846 6010B	SO	Zinc	31.9	mg/kg		J	sd	16.3	<10
SA183-10BD	K0806275	SW 846 6020	SO	Nickel	15	mg/kg		J	sd	21	<10
SA183-20B	K0806275	SW 846 6010B	SO	Cobalt	4.58	mg/kg		J	sd	11.9	<10
SA183-20B	K0806275	SW 846 6010B	SO	Zinc	36.9	mg/kg		J	sd	16.3	<10
SA183-20B	K0806275	SW 846 6020	SO	Nickel	12.8	mg/kg		J	sd	21	<10
SA183-30B	K0806275	SW 846 6010B	SO	Cobalt	5.73	mg/kg		J	sd	11.9	<10
SA183-30B	K0806275	SW 846 6010B	SO	Zinc	42.6	mg/kg		J	sd	16.3	<10
SA183-30B	K0806275	SW 846 6020	SO	Nickel	16.1	mg/kg		J	sd	21	<10
SA183-33B	K0806275	SW 846 6010B	SO	Cobalt	7.26	mg/kg		J	sd	11.9	<10
SA183-33B	K0806275	SW 846 6010B	SO	Zinc	51.7	mg/kg		J	sd	16.3	<10
SA183-33B	K0806275	SW 846 6020	SO	Nickel	15.4	mg/kg		J	sd	21	<10
RSAI7-0.5B	K0806357	SW 846 6010B	SO	Cobalt	6.5	mg/kg		J	sd	18.7	<10
RSAI7-0.5B	K0806357	SW 846 6010B	SO	Zinc	27.5	mg/kg		J	sd	18.2	<10
RSAI7-0.5B	K0806357	SW 846 6020	SO	Nickel	13.6	mg/kg		J	sd	21	<10
RSAI7-10B	K0806357	SW 846 6010B	SO	Cobalt	7	mg/kg		J	sd	18.7	<10
RSAI7-10B	K0806357	SW 846 6010B	SO	Zinc	27	mg/kg		J	sd	18.2	<10
RSAI7-10B	K0806357	SW 846 6020	SO	Nickel	12.6	mg/kg		J	sd	21	<10
RSAI7-20B	K0806357	SW 846 6010B	SO	Cobalt	3.67	mg/kg		J	sd	18	<10
RSAI7-20B	K0806357	SW 846 6010B	SO	Strontium	189	mg/kg		J	sd	12.5	<10
RSAI7-20B	K0806357	SW 846 6010B	SO	Titanium	551	mg/kg		J	sd	11.6	<10
RSAI7-20B	K0806357	SW 846 6010B	SO	Vanadium	30	mg/kg		J	sd	12.1	<10
RSAI7-20B	K0806357	SW 846 6010B	SO	Zinc	18.7	mg/kg		J	sd	18.9	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAI7-20B	K0806357	SW 846 6020	SO	Nickel	11.9	mg/kg		J	sd	23	<10
RSAI7-30B	K0806357	SW 846 6010B	SO	Cobalt	5.33	mg/kg		J	sd	18	<10
RSAI7-30B	K0806357	SW 846 6010B	SO	Strontium	219	mg/kg		J	sd	12.5	<10
RSAI7-30B	K0806357	SW 846 6010B	SO	Titanium	630	mg/kg		J	sd	11.6	<10
RSAI7-30B	K0806357	SW 846 6010B	SO	Vanadium	37.6	mg/kg		J	sd	12.1	<10
RSAI7-30B	K0806357	SW 846 6010B	SO	Zinc	32.6	mg/kg		J	sd	18.9	<10
RSAI7-30B	K0806357	SW 846 6020	SO	Nickel	11.5	mg/kg		J	sd	23	<10
RSAI7-32B	K0806357	SW 846 6010B	SO	Cobalt	5.72	mg/kg		J	sd	23.1	<10
RSAI7-32B	K0806357	SW 846 6010B	SO	Copper	19.7	mg/kg		J	sd	13.3	<10
RSAI7-32B	K0806357	SW 846 6010B	SO	Manganese	344	mg/kg		J	sd	12.5	<10
RSAI7-32B	K0806357	SW 846 6010B	SO	Strontium	143	mg/kg		J	sd	10.9	<10
RSAI7-32B	K0806357	SW 846 6010B	SO	Titanium	692	mg/kg		J	sd	11.4	<10
RSAI7-32B	K0806357	SW 846 6010B	SO	Vanadium	36.8	mg/kg		J	sd	10.3	<10
RSAI7-32B	K0806357	SW 846 6010B	SO	Zinc	44.3	mg/kg		J	sd	18	<10
RSAI7-32B	K0806357	SW 846 6020	SO	Nickel	11.8	mg/kg		J	sd	29	<10
RSAJ8-0.5B	K0806357	SW 846 6010B	SO	Cobalt	10.9	mg/kg		J	sd	18.7	<10
RSAJ8-0.5B	K0806357	SW 846 6010B	SO	Zinc	52.9	mg/kg		J	sd	18.2	<10
RSAJ8-0.5B	K0806357	SW 846 6020	SO	Nickel	15	mg/kg		J	sd	21	<10
RSAJ8-10B	K0806357	SW 846 6010B	SO	Cobalt	7.6	mg/kg		J	sd	18.7	<10
RSAJ8-10B	K0806357	SW 846 6010B	SO	Zinc	31	mg/kg		J	sd	18.2	<10
RSAJ8-10B	K0806357	SW 846 6020	SO	Nickel	12.3	mg/kg		J	sd	21	<10
RSAJ8-20B	K0806357	SW 846 6010B	SO	Cobalt	7.21	mg/kg		J	sd	18.7	<10
RSAJ8-20B	K0806357	SW 846 6010B	SO	Zinc	32.5	mg/kg		J	sd	18.2	<10
RSAJ8-20B	K0806357	SW 846 6020	SO	Nickel	15.2	mg/kg		J	sd	21	<10
RSAJ8-30B	K0806357	SW 846 6010B	SO	Cobalt	4.77	mg/kg		J	sd	18.7	<10
RSAJ8-30B	K0806357	SW 846 6010B	SO	Zinc	17.5	mg/kg		J	sd	18.2	<10
RSAJ8-30B	K0806357	SW 846 6020	SO	Nickel	10.1	mg/kg		J	sd	21	<10
RSAJ8-33B	K0806357	SW 846 6010B	SO	Cobalt	2.73	mg/kg		J	sd	18.7	<10
RSAJ8-33B	K0806357	SW 846 6010B	SO	Zinc	14.9	mg/kg		J	sd	18.2	<10
RSAJ8-33B	K0806357	SW 846 6020	SO	Nickel	12.9	mg/kg		J	sd	21	<10
RSAK2-0.5B	K0806357	SW 846 6010B	SO	Cobalt	6.67	mg/kg		J	sd	18.7	<10
RSAK2-0.5B	K0806357	SW 846 6010B	SO	Zinc	39	mg/kg		J	sd	18.2	<10
RSAK2-0.5B	K0806357	SW 846 6020	SO	Nickel	14.7	mg/kg		J	sd	21	<10
RSAK2-10B	K0806357	SW 846 6010B	SO	Cobalt	5.79	mg/kg		J	sd	18.7	<10
RSAK2-10B	K0806357	SW 846 6010B	SO	Zinc	25.5	mg/kg		J	sd	18.2	<10
RSAK2-10B	K0806357	SW 846 6020	SO	Nickel	12.1	mg/kg		J	sd	21	<10
RSAK2-20B	K0806357	SW 846 6010B	SO	Cobalt	5.3	mg/kg		J	sd	18.7	<10
RSAK2-20B	K0806357	SW 846 6010B	SO	Zinc	25.9	mg/kg		J	sd	18.2	<10
RSAK2-20B	K0806357	SW 846 6020	SO	Nickel	10.8	mg/kg		J	sd	21	<10
RSAK2-20BD	K0806357	SW 846 6010B	SO	Cobalt	4.53	mg/kg		J	sd	18.7	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAK2-20BD	K0806357	SW 846 6010B	SO	Zinc	27	mg/kg		J	sd	18.2	<10
RSAK2-20BD	K0806357	SW 846 6020	SO	Nickel	11.2	mg/kg		J	sd	21	<10
RSAK2-30B	K0806357	SW 846 6010B	SO	Cobalt	5.79	mg/kg		J	sd	18.7	<10
RSAK2-30B	K0806357	SW 846 6010B	SO	Zinc	40.4	mg/kg		J	sd	18.2	<10
RSAK2-30B	K0806357	SW 846 6020	SO	Nickel	10.7	mg/kg		J	sd	21	<10
RSAK2-35B	K0806357	SW 846 6010B	SO	Cobalt	7.63	mg/kg		J	sd	18.7	<10
RSAK2-35B	K0806357	SW 846 6010B	SO	Zinc	54.2	mg/kg		J	sd	18.2	<10
RSAK2-35B	K0806357	SW 846 6020	SO	Nickel	11.3	mg/kg		J	sd	21	<10
RSAL2-0.5B	K0806357	SW 846 6010B	SO	Cobalt	6.05	mg/kg		J	sd	18.7	<10
RSAL2-0.5B	K0806357	SW 846 6010B	SO	Zinc	34	mg/kg		J	sd	18.2	<10
RSAL2-0.5B	K0806357	SW 846 6020	SO	Nickel	12.8	mg/kg		J	sd	21	<10
RSAL2-10B	K0806357	SW 846 6010B	SO	Cobalt	5.84	mg/kg		J	sd	18.7	<10
RSAL2-10B	K0806357	SW 846 6010B	SO	Zinc	38.3	mg/kg		J	sd	18.2	<10
RSAL2-10B	K0806357	SW 846 6020	SO	Nickel	12.5	mg/kg		J	sd	21	<10
RSAL2-20B	K0806357	SW 846 6010B	SO	Cobalt	6.42	mg/kg		J	sd	18.7	<10
RSAL2-20B	K0806357	SW 846 6010B	SO	Zinc	27.1	mg/kg		J	sd	18.2	<10
RSAL2-20B	K0806357	SW 846 6020	SO	Nickel	12.2	mg/kg		J	sd	21	<10
RSAL2-20BD	K0806357	SW 846 6010B	SO	Cobalt	6.42	mg/kg		J	sd	18.7	<10
RSAL2-20BD	K0806357	SW 846 6010B	SO	Zinc	26.9	mg/kg		J	sd	18.2	<10
RSAL2-20BD	K0806357	SW 846 6020	SO	Nickel	10.5	mg/kg		J	sd	21	<10
RSAL2-30B	K0806357	SW 846 6010B	SO	Cobalt	3.82	mg/kg		J	sd	18.7	<10
RSAL2-30B	K0806357	SW 846 6010B	SO	Zinc	29.1	mg/kg		J	sd	18.2	<10
RSAL2-30B	K0806357	SW 846 6020	SO	Nickel	8.4	mg/kg		J	sd	21	<10
RSAL2-37B	K0806357	SW 846 6010B	SO	Cobalt	5.37	mg/kg		J	sd	18.7	<10
RSAL2-37B	K0806357	SW 846 6010B	SO	Zinc	32.7	mg/kg		J	sd	18.2	<10
RSAL2-37B	K0806357	SW 846 6020	SO	Nickel	11.4	mg/kg		J	sd	21	<10
RSAL2-40B	K0806357	SW 846 6010B	SO	Cobalt	6.03	mg/kg		J	sd	18.7	<10
RSAL2-40B	K0806357	SW 846 6010B	SO	Zinc	38.6	mg/kg		J	sd	18.2	<10
RSAL2-40B	K0806357	SW 846 6020	SO	Nickel	10.7	mg/kg		J	sd	21	<10
RSAJ7-0.5B	K0806358	SW 846 6010B	SO	Cobalt	13.1	mg/kg		J	sd	18	<10
RSAJ7-0.5B	K0806358	SW 846 6010B	SO	Strontium	194	mg/kg		J	sd	12.5	<10
RSAJ7-0.5B	K0806358	SW 846 6010B	SO	Titanium	867	mg/kg		J	sd	11.6	<10
RSAJ7-0.5B	K0806358	SW 846 6010B	SO	Vanadium	41.6	mg/kg		J	sd	12.1	<10
RSAJ7-0.5B	K0806358	SW 846 6010B	SO	Zinc	65.3	mg/kg		J	sd	18.9	<10
RSAJ7-0.5B	K0806358	SW 846 6020	SO	Nickel	13.8	mg/kg		J	sd	23	<10
RSAJ7-10B	K0806358	SW 846 6010B	SO	Cobalt	6.68	mg/kg		J	sd	18	<10
RSAJ7-10B	K0806358	SW 846 6010B	SO	Strontium	312	mg/kg		J	sd	12.5	<10
RSAJ7-10B	K0806358	SW 846 6010B	SO	Titanium	983	mg/kg		J	sd	11.6	<10
RSAJ7-10B	K0806358	SW 846 6010B	SO	Vanadium	49	mg/kg		J	sd	12.1	<10
RSAJ7-10B	K0806358	SW 846 6010B	SO	Zinc	32.5	mg/kg		J	sd	18.9	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAJ7-10B	K0806358	SW 846 6020	SO	Nickel	11.8	mg/kg		J	sd	23	<10
RSAJ7-20B	K0806358	SW 846 6010B	SO	Cobalt	4.29	mg/kg		J	sd	18	<10
RSAJ7-20B	K0806358	SW 846 6010B	SO	Strontium	414	mg/kg		J	sd	12.5	<10
RSAJ7-20B	K0806358	SW 846 6010B	SO	Titanium	601	mg/kg		J	sd	11.6	<10
RSAJ7-20B	K0806358	SW 846 6010B	SO	Vanadium	40.7	mg/kg		J	sd	12.1	<10
RSAJ7-20B	K0806358	SW 846 6010B	SO	Zinc	24.7	mg/kg		J	sd	18.9	<10
RSAJ7-20B	K0806358	SW 846 6020	SO	Nickel	10.1	mg/kg		J	sd	23	<10
RS AK7-0.5B	K0806358	SW 846 6010B	SO	Cobalt	7.93	mg/kg		J	sd	18	<10
RS AK7-0.5B	K0806358	SW 846 6010B	SO	Strontium	978	mg/kg		J	sd	12.5	<10
RS AK7-0.5B	K0806358	SW 846 6010B	SO	Titanium	988	mg/kg		J	sd	11.6	<10
RS AK7-0.5B	K0806358	SW 846 6010B	SO	Vanadium	56.7	mg/kg		J	sd	12.1	<10
RS AK7-0.5B	K0806358	SW 846 6010B	SO	Zinc	49	mg/kg		J	sd	18.9	<10
RS AK7-0.5B	K0806358	SW 846 6020	SO	Nickel	21.1	mg/kg		J	sd	23	<10
RS AK7-10B	K0806358	SW 846 6010B	SO	Cobalt	6.87	mg/kg		J	sd	18	<10
RS AK7-10B	K0806358	SW 846 6010B	SO	Strontium	328	mg/kg		J	sd	12.5	<10
RS AK7-10B	K0806358	SW 846 6010B	SO	Titanium	831	mg/kg		J	sd	11.6	<10
RS AK7-10B	K0806358	SW 846 6010B	SO	Vanadium	46.6	mg/kg		J	sd	12.1	<10
RS AK7-10B	K0806358	SW 846 6010B	SO	Zinc	29.1	mg/kg		J	sd	18.9	<10
RS AK7-10B	K0806358	SW 846 6020	SO	Nickel	11.1	mg/kg		J	sd	23	<10
RS AK7-10BD	K0806358	SW 846 6010B	SO	Cobalt	6.72	mg/kg		J	sd	18	<10
RS AK7-10BD	K0806358	SW 846 6010B	SO	Strontium	391	mg/kg		J	sd	12.5	<10
RS AK7-10BD	K0806358	SW 846 6010B	SO	Titanium	906	mg/kg		J	sd	11.6	<10
RS AK7-10BD	K0806358	SW 846 6010B	SO	Vanadium	47.4	mg/kg		J	sd	12.1	<10
RS AK7-10BD	K0806358	SW 846 6010B	SO	Zinc	29.3	mg/kg		J	sd	18.9	<10
RS AK7-10BD	K0806358	SW 846 6020	SO	Nickel	11.9	mg/kg		J	sd	23	<10
RS AK7-20B	K0806358	SW 846 6010B	SO	Cobalt	3.91	mg/kg		J	sd	18	<10
RS AK7-20B	K0806358	SW 846 6010B	SO	Strontium	383	mg/kg		J	sd	12.5	<10
RS AK7-20B	K0806358	SW 846 6010B	SO	Titanium	651	mg/kg		J	sd	11.6	<10
RS AK7-20B	K0806358	SW 846 6010B	SO	Vanadium	33.5	mg/kg		J	sd	12.1	<10
RS AK7-20B	K0806358	SW 846 6010B	SO	Zinc	21.1	mg/kg		J	sd	18.9	<10
RS AK7-20B	K0806358	SW 846 6020	SO	Nickel	10.2	mg/kg		J	sd	23	<10
RS AK7-27B	K0806358	SW 846 6010B	SO	Cobalt	4.82	mg/kg		J	sd	18	<10
RS AK7-27B	K0806358	SW 846 6010B	SO	Strontium	183	mg/kg		J	sd	12.5	<10
RS AK7-27B	K0806358	SW 846 6010B	SO	Titanium	613	mg/kg		J	sd	11.6	<10
RS AK7-27B	K0806358	SW 846 6010B	SO	Vanadium	28.4	mg/kg		J	sd	12.1	<10
RS AK7-27B	K0806358	SW 846 6010B	SO	Zinc	33.8	mg/kg		J	sd	18.9	<10
RS AK7-27B	K0806358	SW 846 6020	SO	Nickel	12.8	mg/kg		J	sd	23	<10
SA46-0.5B	K0806358	SW 846 6010B	SO	Cobalt	7.91	mg/kg		J	sd	18	<10
SA46-0.5B	K0806358	SW 846 6010B	SO	Strontium	147	mg/kg		J	sd	12.5	<10
SA46-0.5B	K0806358	SW 846 6010B	SO	Titanium	830	mg/kg		J	sd	11.6	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA46-0.5B	K0806358	SW 846 6010B	SO	Vanadium	41.4	mg/kg		J	sd	12.1	<10
SA46-0.5B	K0806358	SW 846 6010B	SO	Zinc	34.4	mg/kg		J	sd	18.9	<10
SA46-0.5B	K0806358	SW 846 6020	SO	Nickel	13.2	mg/kg		J	sd	23	<10
SA46-10B	K0806358	SW 846 6010B	SO	Cobalt	6.84	mg/kg		J	sd	18	<10
SA46-10B	K0806358	SW 846 6010B	SO	Strontium	255	mg/kg		J	sd	12.5	<10
SA46-10B	K0806358	SW 846 6010B	SO	Titanium	707	mg/kg		J	sd	11.6	<10
SA46-10B	K0806358	SW 846 6010B	SO	Vanadium	40.1	mg/kg		J	sd	12.1	<10
SA46-10B	K0806358	SW 846 6010B	SO	Zinc	28.9	mg/kg		J	sd	18.9	<10
SA46-10B	K0806358	SW 846 6020	SO	Nickel	13	mg/kg		J	sd	23	<10
SA46-20B	K0806358	SW 846 6010B	SO	Cobalt	7.42	mg/kg		J	sd	18	<10
SA46-20B	K0806358	SW 846 6010B	SO	Strontium	1810	mg/kg		J	sd	12.5	<10
SA46-20B	K0806358	SW 846 6010B	SO	Titanium	848	mg/kg		J	sd	11.6	<10
SA46-20B	K0806358	SW 846 6010B	SO	Vanadium	73.6	mg/kg		J	sd	12.1	<10
SA46-20B	K0806358	SW 846 6010B	SO	Zinc	45	mg/kg		J	sd	18.9	<10
SA46-20B	K0806358	SW 846 6020	SO	Nickel	13.2	mg/kg		J	sd	23	<10
SA46-30B	K0806358	SW 846 6010B	SO	Cobalt	7.04	mg/kg		J	sd	18	<10
SA46-30B	K0806358	SW 846 6010B	SO	Strontium	127	mg/kg		J	sd	12.5	<10
SA46-30B	K0806358	SW 846 6010B	SO	Titanium	911	mg/kg		J	sd	11.6	<10
SA46-30B	K0806358	SW 846 6010B	SO	Vanadium	46.7	mg/kg		J	sd	12.1	<10
SA46-30B	K0806358	SW 846 6010B	SO	Zinc	48	mg/kg		J	sd	18.9	<10
SA46-30B	K0806358	SW 846 6020	SO	Nickel	14	mg/kg		J	sd	23	<10
SA46-30BD	K0806358	SW 846 6010B	SO	Cobalt	7.02	mg/kg		J	sd	18	<10
SA46-30BD	K0806358	SW 846 6010B	SO	Strontium	138	mg/kg		J	sd	12.5	<10
SA46-30BD	K0806358	SW 846 6010B	SO	Titanium	862	mg/kg		J	sd	11.6	<10
SA46-30BD	K0806358	SW 846 6010B	SO	Vanadium	44.2	mg/kg		J	sd	12.1	<10
SA46-30BD	K0806358	SW 846 6010B	SO	Zinc	49.7	mg/kg		J	sd	18.9	<10
SA46-30BD	K0806358	SW 846 6020	SO	Nickel	15.7	mg/kg		J	sd	23	<10
SA48-0.5B	K0806358	SW 846 6010B	SO	Cobalt	13.2	mg/kg		J	sd	18	<10
SA48-0.5B	K0806358	SW 846 6010B	SO	Strontium	286	mg/kg		J	sd	12.5	<10
SA48-0.5B	K0806358	SW 846 6010B	SO	Titanium	959	mg/kg		J	sd	11.6	<10
SA48-0.5B	K0806358	SW 846 6010B	SO	Vanadium	40.6	mg/kg		J	sd	12.1	<10
SA48-0.5B	K0806358	SW 846 6010B	SO	Zinc	119	mg/kg		J	sd	18.9	<10
SA48-0.5B	K0806358	SW 846 6020	SO	Nickel	22.9	mg/kg		J	sd	23	<10
SA48-10B	K0806358	SW 846 6010B	SO	Cobalt	8.04	mg/kg		J	sd	18	<10
SA48-10B	K0806358	SW 846 6010B	SO	Strontium	215	mg/kg		J	sd	12.5	<10
SA48-10B	K0806358	SW 846 6010B	SO	Titanium	926	mg/kg		J	sd	11.6	<10
SA48-10B	K0806358	SW 846 6010B	SO	Vanadium	47	mg/kg		J	sd	12.1	<10
SA48-10B	K0806358	SW 846 6010B	SO	Zinc	34.4	mg/kg		J	sd	18.9	<10
SA48-10B	K0806358	SW 846 6020	SO	Nickel	11	mg/kg		J	sd	23	<10
SA48-20B	K0806358	SW 846 6010B	SO	Cobalt	8.94	mg/kg		J	sd	18	<10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA48-20B	K0806358	SW 846 6010B	SO	Strontium	301	mg/kg		J	sd	12.5	<10
SA48-20B	K0806358	SW 846 6010B	SO	Titanium	684	mg/kg		J	sd	11.6	<10
SA48-20B	K0806358	SW 846 6010B	SO	Vanadium	46.4	mg/kg		J	sd	12.1	<10
SA48-20B	K0806358	SW 846 6010B	SO	Zinc	46.3	mg/kg		J	sd	18.9	<10
SA48-20B	K0806358	SW 846 6020	SO	Nickel	13.2	mg/kg		J	sd	23	<10
SA48-30B	K0806358	SW 846 6010B	SO	Cobalt	7.31	mg/kg		J	sd	18	<10
SA48-30B	K0806358	SW 846 6010B	SO	Strontium	118	mg/kg		J	sd	12.5	<10
SA48-30B	K0806358	SW 846 6010B	SO	Titanium	948	mg/kg		J	sd	11.6	<10
SA48-30B	K0806358	SW 846 6010B	SO	Vanadium	49.3	mg/kg		J	sd	12.1	<10
SA48-30B	K0806358	SW 846 6010B	SO	Zinc	51.9	mg/kg		J	sd	18.9	<10
SA48-30B	K0806358	SW 846 6020	SO	Nickel	15.6	mg/kg		J	sd	23	<10
SA48-35B	K0806358	SW 846 6010B	SO	Cobalt	8.29	mg/kg		J	sd	18	<10
SA48-35B	K0806358	SW 846 6010B	SO	Strontium	168	mg/kg		J	sd	12.5	<10
SA48-35B	K0806358	SW 846 6010B	SO	Titanium	1000	mg/kg		J	sd	11.6	<10
SA48-35B	K0806358	SW 846 6010B	SO	Vanadium	45.3	mg/kg		J	sd	12.1	<10
SA48-35B	K0806358	SW 846 6010B	SO	Zinc	57.3	mg/kg		J	sd	18.9	<10
SA48-35B	K0806358	SW 846 6020	SO	Nickel	16.5	mg/kg		J	sd	23	<10
RSAI7-10B	K0806534	SW 846 6010B	SO	Magnesium		mg/kg		J	sd	16	<10
RSAI7-10B	K0806534	SW 846 6010B	SO	Magnesium		mg/kg		J	sd	22	<10
RSA12-0.5B	R0903051	SW6010	SO	Cobalt	7.3	mg/kg		J	sd	11.0	10
RSA12-0.5B	R0903051	SW6010	SO	Zinc	35.1	mg/kg		J	sd	11.2	10
RSAI3-0.5B	R0903051	SW6010	SO	Cobalt	5.6	mg/kg		J	sd	11.0	10
RSAI3-0.5B	R0903051	SW6010	SO	Zinc	27.3	mg/kg		J	sd	11.2	10
RSAJ2-0.5B	R0903051	SW6010	SO	Cobalt	10.8	mg/kg		J	sd	11.0	10
RSAJ2-0.5B	R0903051	SW6010	SO	Zinc	37.3	mg/kg		J	sd	11.2	10
RSAJ3-0.5B	R0903051	SW6010	SO	Cobalt	27.2	mg/kg		J	sd	11.0	10
RSAJ3-0.5B	R0903051	SW6010	SO	Zinc	38.7	mg/kg		J	sd	11.2	10
RSAJ5-0.5B	R0903051	SW6010	SO	Cobalt	5.1	mg/kg		J	sd	11.0	10
RSAJ5-0.5B	R0903051	SW6010	SO	Zinc	42.1	mg/kg		J	sd	11.2	10
RSAK5-0.5B	R0903051	SW6010	SO	Cobalt	7.7	mg/kg		J	sd	11.0	10
RSAK5-0.5B	R0903051	SW6010	SO	Zinc	39.8	mg/kg		J	sd	11.2	10
RSAL3-0.5B	R0903051	SW6010	SO	Cobalt	5.3	mg/kg		J	sd	11.0	10
RSAL3-0.5B	R0903051	SW6010	SO	Zinc	47.9	mg/kg		J	sd	11.2	10
RSAM2-0.5B	R0903051	SW6010	SO	Cobalt	4.6	mg/kg		J	sd	11.0	10
RSAM2-0.5B	R0903051	SW6010	SO	Zinc	23.5	mg/kg		J	sd	11.2	10
RSAM3-0.5B	R0903051	SW6010	SO	Cobalt	7.7	mg/kg		J	sd	11.0	10
RSAM3-0.5B	R0903051	SW6010	SO	Zinc	35.8	mg/kg		J	sd	11.2	10
SA100-0.5B	R0903051	SW6010	SO	Cobalt	7.5	mg/kg		J	sd	11.0	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA100-0.5B	R0903051	SW6010	SO	Zinc	35.2	mg/kg		J	sd	11.2	10
SA152-0.5B	R0903051	SW6010	SO	Cobalt	5.8	mg/kg		J	sd	11.0	10
SA152-0.5B	R0903051	SW6010	SO	Zinc	26	mg/kg		J	sd	11.2	10
SA152009-0.5B	R0903051	SW6010	SO	Cobalt	4.9	mg/kg		J	sd	11.0	10
SA152009-0.5B	R0903051	SW6010	SO	Zinc	23.8	mg/kg		J	sd	11.2	10
SA189-0.5B	R0903051	SW6010	SO	Cobalt	7.4	mg/kg		J	sd	11.0	10
SA189-0.5B	R0903051	SW6010	SO	Zinc	34.9	mg/kg		J	sd	11.2	10
SA202-0.5B	R0903051	SW6010	SO	Cobalt	7.5	mg/kg		J	sd	11.0	10
SA202-0.5B	R0903051	SW6010	SO	Zinc	30.2	mg/kg		J	sd	11.2	10
SA76-0.5B	R0903051	SW6010	SO	Cobalt	8.2	mg/kg		J	sd	11.0	10
SA76-0.5B	R0903051	SW6010	SO	Zinc	43.9	mg/kg		J	sd	11.2	10
SA76009-0.5B	R0903051	SW6010	SO	Cobalt	7	mg/kg		J	sd	11.0	10
SA76009-0.5B	R0903051	SW6010	SO	Zinc	50.1	mg/kg		J	sd	11.2	10
SA88-0.5B	R0903051	SW6010	SO	Cobalt	7	mg/kg		J	sd	11.0	10
SA88-0.5B	R0903051	SW6010	SO	Zinc	28.3	mg/kg		J	sd	11.2	10
RSAJ6-0.5B	R0903184	SW6010	SO	Nickel	15.5	mg/kg		J	sd	12.2	10
RSAJ6-0.5B	R0903184	SW6010	SO	Zinc	44.1	mg/kg		J	sd	14.4	10
RSAJ6-0.5B	R0903184	SW6010	SO	Iron	14500	mg/kg		J	sd	11.7	10
RSAJ6-0.5B	R0903184	SW6010	SO	Manganese	425	mg/kg		J	sd	10.2	10
RSAK4-0.5B	R0903184	SW6010	SO	Nickel	18.3	mg/kg		J	sd	12.2	10
RSAK4-0.5B	R0903184	SW6010	SO	Zinc	33.6	mg/kg		J	sd	14.4	10
RSAK4-0.5B	R0903184	SW6010	SO	Iron	14700	mg/kg		J	sd	11.7	10
RSAK4-0.5B	R0903184	SW6010	SO	Manganese	409	mg/kg		J	sd	10.2	10
RSAK4009-0.5B	R0903184	SW6010	SO	Nickel	13.4	mg/kg		J	sd	12.2	10
RSAK4009-0.5B	R0903184	SW6010	SO	Zinc	30.3	mg/kg		J	sd	14.4	10
RSAK4009-0.5B	R0903184	SW6010	SO	Iron	13300	mg/kg		J	sd	11.7	10
RSAK4009-0.5B	R0903184	SW6010	SO	Manganese	383	mg/kg		J	sd	10.2	10
RSAK6-0.5B	R0903184	SW6010	SO	Nickel	15.2	mg/kg		J	sd	12.2	10
RSAK6-0.5B	R0903184	SW6010	SO	Zinc	33.1	mg/kg		J	sd	14.4	10
RSAK6-0.5B	R0903184	SW6010	SO	Iron	15800	mg/kg		J	sd	11.7	10
RSAK6-0.5B	R0903184	SW6010	SO	Manganese	409	mg/kg		J	sd	10.2	10
RSAK8-0.5B	R0903184	SW6010	SO	Nickel	14.1	mg/kg		J	sd	12.2	10
RSAK8-0.5B	R0903184	SW6010	SO	Zinc	37.8	mg/kg		J	sd	14.4	10
RSAK8-0.5B	R0903184	SW6010	SO	Iron	14600	mg/kg		J	sd	11.7	10
RSAK8-0.5B	R0903184	SW6010	SO	Manganese	641	mg/kg		J	sd	10.2	10
RSAL7-0.5B	R0903184	SW6010	SO	Nickel	15.1	mg/kg		J	sd	12.2	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAL7-0.5B	R0903184	SW6010	SO	Zinc	32.3	mg/kg		J	sd	14.4	10
RSAL7-0.5B	R0903184	SW6010	SO	Iron	15100	mg/kg		J	sd	11.7	10
RSAL7-0.5B	R0903184	SW6010	SO	Manganese	398	mg/kg		J	sd	10.2	10
RSAL8-0.5B	R0903184	SW6010	SO	Nickel	16.3	mg/kg		J	sd	12.2	10
RSAL8-0.5B	R0903184	SW6010	SO	Zinc	33.7	mg/kg		J	sd	14.4	10
RSAL8-0.5B	R0903184	SW6010	SO	Iron	15800	mg/kg		J	sd	11.7	10
RSAL8-0.5B	R0903184	SW6010	SO	Manganese	495	mg/kg		J	sd	10.2	10
RSAO3-0.5B	R0903184	SW6010	SO	Nickel	15	mg/kg		J	sd	12.2	10
RSAO3-0.5B	R0903184	SW6010	SO	Zinc	31.1	mg/kg		J	sd	14.4	10
RSAO3-0.5B	R0903184	SW6010	SO	Iron	15000	mg/kg		J	sd	11.7	10
RSAO3-0.5B	R0903184	SW6010	SO	Manganese	374	mg/kg		J	sd	10.2	10
SA127-0.5B	R0903184	SW6010	SO	Nickel	13.8	mg/kg		J	sd	12.2	10
SA127-0.5B	R0903184	SW6010	SO	Zinc	31.2	mg/kg		J	sd	14.4	10
SA127-0.5B	R0903184	SW6010	SO	Iron	14900	mg/kg		J	sd	11.7	10
SA127-0.5B	R0903184	SW6010	SO	Manganese	343	mg/kg		J	sd	10.2	10
SA134-0.5B	R0903184	SW6010	SO	Nickel	14.5	mg/kg		J	sd	12.2	10
SA134-0.5B	R0903184	SW6010	SO	Zinc	32	mg/kg		J	sd	14.4	10
SA134-0.5B	R0903184	SW6010	SO	Iron	13600	mg/kg		J	sd	11.7	10
SA134-0.5B	R0903184	SW6010	SO	Manganese	401	mg/kg		J	sd	10.2	10
SA166-0.5B	R0903184	SW6010	SO	Nickel	18	mg/kg		J	sd	12.2	10
SA166-0.5B	R0903184	SW6010	SO	Zinc	38.8	mg/kg		J	sd	14.4	10
SA166-0.5B	R0903184	SW6010	SO	Iron	20300	mg/kg		J	sd	11.7	10
SA166-0.5B	R0903184	SW6010	SO	Manganese	587	mg/kg		J	sd	10.2	10
SA176-0.5B	R0903184	SW6010	SO	Nickel	17.1	mg/kg		J	sd	12.2	10
SA176-0.5B	R0903184	SW6010	SO	Zinc	34.9	mg/kg		J	sd	14.4	10
SA176-0.5B	R0903184	SW6010	SO	Iron	17800	mg/kg		J	sd	11.7	10
SA176-0.5B	R0903184	SW6010	SO	Manganese	426	mg/kg		J	sd	10.2	10
SA182-0.5B	R0903184	SW6010	SO	Nickel	19	mg/kg		J	sd	12.2	10
SA182-0.5B	R0903184	SW6010	SO	Zinc	77.1	mg/kg		J	sd	14.4	10
SA182-0.5B	R0903184	SW6010	SO	Iron	10000	mg/kg		J	sd	11.7	10
SA182-0.5B	R0903184	SW6010	SO	Manganese	3200	mg/kg		J	sd	10.2	10
SA201-0.5B	R0903184	SW6010	SO	Nickel	19	mg/kg		J	sd	12.2	10
SA201-0.5B	R0903184	SW6010	SO	Zinc	66.1	mg/kg		J	sd	14.4	10
SA201-0.5B	R0903184	SW6010	SO	Iron	17900	mg/kg		J	sd	11.7	10
SA201-0.5B	R0903184	SW6010	SO	Manganese	804	mg/kg		J	sd	10.2	10
SA35-0.5B	R0903184	SW6010	SO	Nickel	13.2	mg/kg		J	sd	12.2	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA35-0.5B	R0903184	SW6010	SO	Zinc	29.4	mg/kg		J	sd	14.4	10
SA35-0.5B	R0903184	SW6010	SO	Iron	13300	mg/kg		J	sd	11.7	10
SA35-0.5B	R0903184	SW6010	SO	Manganese	385	mg/kg		J	sd	10.2	10
SA55-0.5B	R0903184	SW6010	SO	Nickel	15.1	mg/kg		J	sd	12.2	10
SA55-0.5B	R0903184	SW6010	SO	Zinc	30.9	mg/kg		J	sd	14.4	10
SA55-0.5B	R0903184	SW6010	SO	Iron	15200	mg/kg		J	sd	11.7	10
SA55-0.5B	R0903184	SW6010	SO	Manganese	407	mg/kg		J	sd	10.2	10
SA56-0.5B	R0903184	SW6010	SO	Nickel	13.2	mg/kg		J	sd	12.2	10
SA56-0.5B	R0903184	SW6010	SO	Zinc	115	mg/kg		J	sd	14.4	10
SA56-0.5B	R0903184	SW6010	SO	Iron	11800	mg/kg		J	sd	11.7	10
SA56-0.5B	R0903184	SW6010	SO	Manganese	61400	mg/kg		J	sd	10.2	10
RSAI2009-10B	R0903584	SW6010	SO	Zinc	27.1	mg/kg		J	sd	11.5	10
RSAI2009-10B	R0903584	SW6020	SO	Total	5.98	mg/kg		J	sd	28	10
RSAI2-10B	R0903584	SW6010	SO	Zinc	29.2	mg/kg		J	sd	11.5	10
RSAI2-10B	R0903584	SW6020	SO	Total	6.18	mg/kg		J	sd	28	10
RSAI2-20B	R0903584	SW6010	SO	Zinc	25.9	mg/kg		J	sd	11.5	10
RSAI2-20B	R0903584	SW6020	SO	Total	7.49	mg/kg		J	sd	28	10
RSAI2-31B	R0903584	SW6010	SO	Zinc	17.7	mg/kg		J	sd	11.5	10
RSAI2-31B	R0903584	SW6020	SO	Total	12.3	mg/kg		J	sd	28	10
RSAI3-10B	R0903584	SW6010	SO	Zinc	29.3	mg/kg		J	sd	11.5	10
RSAI3-10B	R0903584	SW6020	SO	Total	7.77	mg/kg		J	sd	28	10
RSAI3-20B	R0903584	SW6010	SO	Zinc	33.2	mg/kg		J	sd	11.5	10
RSAI3-20B	R0903584	SW6020	SO	Total	27.4	mg/kg		J	sd	28	10
RSAI3-32B	R0903584	SW6010	SO	Zinc	50.1	mg/kg		J	sd	11.5	10
RSAI3-32B	R0903584	SW6020	SO	Total	15.7	mg/kg		J	sd	28	10
RS AJ2009-33B	R0903584	SW6010	SO	Zinc	52.5	mg/kg		J	sd	11.5	10
RS AJ2009-33B	R0903584	SW6020	SO	Total	49.3	mg/kg		J	sd	28	10
RS AJ2-10B	R0903584	SW6010	SO	Zinc	29.3	mg/kg		J	sd	11.5	10
RS AJ2-10B	R0903584	SW6020	SO	Total	6.36	mg/kg		J	sd	28	10
RS AJ2-20B	R0903584	SW6010	SO	Zinc	23.8	mg/kg		J	sd	11.5	10
RS AJ2-20B	R0903584	SW6020	SO	Total	6.48	mg/kg		J	sd	28	10
RS AJ2-33B	R0903584	SW6010	SO	Zinc	51.7	mg/kg		J	sd	11.5	10
RS AJ2-33B	R0903584	SW6020	SO	Total	52.6	mg/kg		J	sd	28	10
SA202-10B	R0903584	SW6010	SO	Zinc	28.5	mg/kg		J	sd	11.5	10
SA202-10B	R0903584	SW6020	SO	Total	6.74	mg/kg		J	sd	28	10
SA202-28B	R0903584	SW6010	SO	Zinc	43.2	mg/kg		J	sd	11.5	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA202-28B	R0903584	SW6020	SO	Total	22.9	mg/kg		J	sd	28	10
RSAK4-10B	R0903729	SW6010	SO	Barium	194	mg/kg		J	sd	12.9	10
RSAK4-10B	R0903729	SW6010	SO	Boron	9.4	mg/kg	B	UJ	bl,sd	15.9	10
RSAK4-10B	R0903729	SW6010	SO	Calcium	31100	mg/kg	*	J	ld,sd	15.9	10
RSAK4-10B	R0903729	SW6010	SO	Iron	14100	mg/kg		J	sd	15.4	10
RSAK4-10B	R0903729	SW6010	SO	Manganese	348	mg/kg		J	sd	15.1	10
RSAK4-10B	R0903729	SW6010	SO	Nickel	14.3	mg/kg		J	ld,sd	15.7	10
RSAK4-10B	R0903729	SW6010	SO	Potassium	2300	mg/kg		J	sd	10.1	10
RSAK4-10B	R0903729	SW6010	SO	Sodium	1280	mg/kg		J	sd	11.3	10
RSAK4-10B	R0903729	SW6010	SO	Strontium	318	mg/kg		J	sd	12.5	10
RSAK4-10B	R0903729	SW6010	SO	Titanium	790	mg/kg		J	sd	11.2	10
RSAK4-10B	R0903729	SW6010	SO	Vanadium	40.8	mg/kg		J	sd	13.3	10
RSAK4-10B	R0903729	SW6010	SO	Zinc	33.1	mg/kg		J	ld,sd	21.8	10
RSAK4-20B	R0903729	SW6010	SO	Barium	156	mg/kg		J	sd	12.9	10
RSAK4-20B	R0903729	SW6010	SO	Boron	7.9	mg/kg	B	UJ	bl,sd	15.9	10
RSAK4-20B	R0903729	SW6010	SO	Calcium	61100	mg/kg	*	J	ld,sd	15.9	10
RSAK4-20B	R0903729	SW6010	SO	Iron	8560	mg/kg		J	sd	15.4	10
RSAK4-20B	R0903729	SW6010	SO	Manganese	225	mg/kg		J	sd	15.1	10
RSAK4-20B	R0903729	SW6010	SO	Nickel	9.53	mg/kg		J	ld,sd	15.7	10
RSAK4-20B	R0903729	SW6010	SO	Potassium	1710	mg/kg		J	sd	10.1	10
RSAK4-20B	R0903729	SW6010	SO	Sodium	1050	mg/kg		J	sd	11.3	10
RSAK4-20B	R0903729	SW6010	SO	Strontium	977	mg/kg		J	sd	12.5	10
RSAK4-20B	R0903729	SW6010	SO	Titanium	516	mg/kg		J	sd	11.2	10
RSAK4-20B	R0903729	SW6010	SO	Vanadium	29.7	mg/kg		J	sd	13.3	10
RSAK4-20B	R0903729	SW6010	SO	Zinc	20.1	mg/kg		J	ld,sd	21.8	10
RSAK4-31B	R0903729	SW6010	SO	Barium	338	mg/kg		J	sd	12.9	10
RSAK4-31B	R0903729	SW6010	SO	Boron	22	mg/kg		J	sd	15.9	10
RSAK4-31B	R0903729	SW6010	SO	Calcium	37500	mg/kg	*	J	ld,sd	15.9	10
RSAK4-31B	R0903729	SW6010	SO	Iron	15400	mg/kg		J	sd	15.4	10
RSAK4-31B	R0903729	SW6010	SO	Manganese	476	mg/kg		J	sd	15.1	10
RSAK4-31B	R0903729	SW6010	SO	Nickel	14.8	mg/kg		J	ld,sd	15.7	10
RSAK4-31B	R0903729	SW6010	SO	Potassium	4280	mg/kg		J	sd	10.1	10
RSAK4-31B	R0903729	SW6010	SO	Sodium	1220	mg/kg		J	sd	11.3	10
RSAK4-31B	R0903729	SW6010	SO	Strontium	125	mg/kg		J	sd	12.5	10
RSAK4-31B	R0903729	SW6010	SO	Titanium	558	mg/kg		J	sd	11.2	10
RSAK4-31B	R0903729	SW6010	SO	Vanadium	31.8	mg/kg		J	sd	13.3	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAL4-31B	R0903729	SW6010	SO	Zinc	43.8	mg/kg		J	ld,sd	21.8	10
RSAL4-0.5B	R0903729	SW6010	SO	Barium	236	mg/kg		J	sd	12.9	10
RSAL4-0.5B	R0903729	SW6010	SO	Boron	5.1	mg/kg	B	UJ	bl,sd	15.9	10
RSAL4-0.5B	R0903729	SW6010	SO	Calcium	23600	mg/kg	*	J	ld,sd	15.9	10
RSAL4-0.5B	R0903729	SW6010	SO	Iron	16100	mg/kg		J	sd	15.4	10
RSAL4-0.5B	R0903729	SW6010	SO	Manganese	612	mg/kg		J	sd	15.1	10
RSAL4-0.5B	R0903729	SW6010	SO	Nickel	14.9	mg/kg		J	ld,sd	15.7	10
RSAL4-0.5B	R0903729	SW6010	SO	Potassium	2870	mg/kg		J	sd	10.1	10
RSAL4-0.5B	R0903729	SW6010	SO	Sodium	835	mg/kg		J	sd	11.3	10
RSAL4-0.5B	R0903729	SW6010	SO	Strontium	127	mg/kg		J	sd	12.5	10
RSAL4-0.5B	R0903729	SW6010	SO	Titanium	867	mg/kg		J	sd	11.2	10
RSAL4-0.5B	R0903729	SW6010	SO	Vanadium	43.2	mg/kg		J	sd	13.3	10
RSAL4-0.5B	R0903729	SW6010	SO	Zinc	34.4	mg/kg		J	ld,sd	21.8	10
RSAL4009-0.5B	R0903729	SW6010	SO	Barium	176	mg/kg		J	sd	12.9	10
RSAL4009-0.5B	R0903729	SW6010	SO	Boron	4.6	mg/kg	B	UJ	bl,sd	15.9	10
RSAL4009-0.5B	R0903729	SW6010	SO	Calcium	16100	mg/kg	*	J	ld,sd	15.9	10
RSAL4009-0.5B	R0903729	SW6010	SO	Iron	14100	mg/kg		J	sd	15.4	10
RSAL4009-0.5B	R0903729	SW6010	SO	Manganese	424	mg/kg		J	sd	15.1	10
RSAL4009-0.5B	R0903729	SW6010	SO	Nickel	22	mg/kg		J	ld,sd	15.7	10
RSAL4009-0.5B	R0903729	SW6010	SO	Potassium	2480	mg/kg		J	sd	10.1	10
RSAL4009-0.5B	R0903729	SW6010	SO	Sodium	1300	mg/kg		J	sd	11.3	10
RSAL4009-0.5B	R0903729	SW6010	SO	Strontium	123	mg/kg		J	sd	12.5	10
RSAL4009-0.5B	R0903729	SW6010	SO	Titanium	708	mg/kg		J	sd	11.2	10
RSAL4009-0.5B	R0903729	SW6010	SO	Vanadium	37.3	mg/kg		J	sd	13.3	10
RSAL4009-0.5B	R0903729	SW6010	SO	Zinc	32.2	mg/kg		J	ld,sd	21.8	10
RSAL4-10B	R0903729	SW6010	SO	Barium	187	mg/kg		J	sd	12.9	10
RSAL4-10B	R0903729	SW6010	SO	Boron	8.9	mg/kg	B	UJ	bl,sd	15.9	10
RSAL4-10B	R0903729	SW6010	SO	Calcium	60500	mg/kg	*	J	ld,sd	15.9	10
RSAL4-10B	R0903729	SW6010	SO	Iron	11700	mg/kg		J	sd	15.4	10
RSAL4-10B	R0903729	SW6010	SO	Manganese	235	mg/kg		J	sd	15.1	10
RSAL4-10B	R0903729	SW6010	SO	Nickel	11.3	mg/kg		J	ld,sd	15.7	10
RSAL4-10B	R0903729	SW6010	SO	Potassium	2070	mg/kg		J	sd	10.1	10
RSAL4-10B	R0903729	SW6010	SO	Sodium	1870	mg/kg		J	sd	11.3	10
RSAL4-10B	R0903729	SW6010	SO	Strontium	402	mg/kg		J	sd	12.5	10
RSAL4-10B	R0903729	SW6010	SO	Titanium	680	mg/kg		J	sd	11.2	10
RSAL4-10B	R0903729	SW6010	SO	Vanadium	33.1	mg/kg		J	sd	13.3	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAL4-10B	R0903729	SW6010	SO	Zinc	24.2	mg/kg		J	ld,sd	21.8	10
RSAL4-28B	R0903729	SW6010	SO	Barium	88.1	mg/kg		J	sd	12.9	10
RSAL4-28B	R0903729	SW6010	SO	Boron	38.9	mg/kg		J	sd	15.9	10
RSAL4-28B	R0903729	SW6010	SO	Calcium	29100	mg/kg	*	J	ld,sd	15.9	10
RSAL4-28B	R0903729	SW6010	SO	Iron	17200	mg/kg		J	sd	15.4	10
RSAL4-28B	R0903729	SW6010	SO	Manganese	348	mg/kg		J	sd	15.1	10
RSAL4-28B	R0903729	SW6010	SO	Nickel	16.5	mg/kg		J	ld,sd	15.7	10
RSAL4-28B	R0903729	SW6010	SO	Potassium	5220	mg/kg		J	sd	10.1	10
RSAL4-28B	R0903729	SW6010	SO	Sodium	2290	mg/kg		J	sd	11.3	10
RSAL4-28B	R0903729	SW6010	SO	Strontium	149	mg/kg		J	sd	12.5	10
RSAL4-28B	R0903729	SW6010	SO	Titanium	836	mg/kg		J	sd	11.2	10
RSAL4-28B	R0903729	SW6010	SO	Vanadium	46.3	mg/kg		J	sd	13.3	10
RSAL4-28B	R0903729	SW6010	SO	Zinc	53.4	mg/kg		J	ld,sd	21.8	10
SA100-10B	R0903729	SW6010	SO	Barium	190	mg/kg		J	sd	12.9	10
SA100-10B	R0903729	SW6010	SO	Boron	9.8	mg/kg	B	UJ	bl,sd	15.9	10
SA100-10B	R0903729	SW6010	SO	Calcium	31100	mg/kg	*	J	ld,sd	15.9	10
SA100-10B	R0903729	SW6010	SO	Iron	14500	mg/kg		J	sd	15.4	10
SA100-10B	R0903729	SW6010	SO	Manganese	310	mg/kg		J	sd	15.1	10
SA100-10B	R0903729	SW6010	SO	Nickel	13.9	mg/kg		J	ld,sd	15.7	10
SA100-10B	R0903729	SW6010	SO	Potassium	1770	mg/kg		J	sd	10.1	10
SA100-10B	R0903729	SW6010	SO	Sodium	842	mg/kg		J	sd	11.3	10
SA100-10B	R0903729	SW6010	SO	Strontium	297	mg/kg		J	sd	12.5	10
SA100-10B	R0903729	SW6010	SO	Titanium	821	mg/kg		J	sd	11.2	10
SA100-10B	R0903729	SW6010	SO	Vanadium	42.7	mg/kg		J	sd	13.3	10
SA100-10B	R0903729	SW6010	SO	Zinc	31.8	mg/kg		J	ld,sd	21.8	10
SA100-30B	R0903729	SW6010	SO	Barium	55.9	mg/kg		J	sd	12.9	10
SA100-30B	R0903729	SW6010	SO	Boron	22.1	mg/kg		J	sd	15.9	10
SA100-30B	R0903729	SW6010	SO	Calcium	11100	mg/kg	*	J	ld,sd	15.9	10
SA100-30B	R0903729	SW6010	SO	Iron	14300	mg/kg		J	sd	15.4	10
SA100-30B	R0903729	SW6010	SO	Manganese	233	mg/kg		J	sd	15.1	10
SA100-30B	R0903729	SW6010	SO	Nickel	13.1	mg/kg		J	ld,sd	15.7	10
SA100-30B	R0903729	SW6010	SO	Potassium	3510	mg/kg		J	sd	10.1	10
SA100-30B	R0903729	SW6010	SO	Sodium	2600	mg/kg		J	sd	11.3	10
SA100-30B	R0903729	SW6010	SO	Strontium	144	mg/kg		J	sd	12.5	10
SA100-30B	R0903729	SW6010	SO	Titanium	718	mg/kg		J	sd	11.2	10
SA100-30B	R0903729	SW6010	SO	Vanadium	36.5	mg/kg		J	sd	13.3	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA100-30B	R0903729	SW6010	SO	Zinc	39.2	mg/kg		J	ld,sd	21.8	10
SA206-0.5B	R0903729	SW6010	SO	Barium	153	mg/kg		J	sd	12.9	10
SA206-0.5B	R0903729	SW6010	SO	Boron	7.7	mg/kg	B	UJ	bl,sd	15.9	10
SA206-0.5B	R0903729	SW6010	SO	Calcium	20500	mg/kg	*	J	ld,sd	15.9	10
SA206-0.5B	R0903729	SW6010	SO	Iron	12700	mg/kg		J	sd	15.4	10
SA206-0.5B	R0903729	SW6010	SO	Manganese	401	mg/kg		J	sd	15.1	10
SA206-0.5B	R0903729	SW6010	SO	Nickel	13.2	mg/kg		J	ld,sd	15.7	10
SA206-0.5B	R0903729	SW6010	SO	Potassium	2270	mg/kg		J	sd	10.1	10
SA206-0.5B	R0903729	SW6010	SO	Sodium	1200	mg/kg		J	sd	11.3	10
SA206-0.5B	R0903729	SW6010	SO	Strontium	124	mg/kg		J	sd	12.5	10
SA206-0.5B	R0903729	SW6010	SO	Titanium	695	mg/kg		J	sd	11.2	10
SA206-0.5B	R0903729	SW6010	SO	Vanadium	36.1	mg/kg		J	sd	13.3	10
SA206-0.5B	R0903729	SW6010	SO	Zinc	37.4	mg/kg		J	ld,sd	21.8	10
SA206-10B	R0903729	SW6010	SO	Barium	141	mg/kg		J	sd	12.9	10
SA206-10B	R0903729	SW6010	SO	Boron	11.4	mg/kg		J	sd	15.9	10
SA206-10B	R0903729	SW6010	SO	Calcium	41500	mg/kg	*	J	ld,sd	15.9	10
SA206-10B	R0903729	SW6010	SO	Iron	11700	mg/kg		J	sd	15.4	10
SA206-10B	R0903729	SW6010	SO	Manganese	199	mg/kg		J	sd	15.1	10
SA206-10B	R0903729	SW6010	SO	Nickel	11.7	mg/kg		J	ld,sd	15.7	10
SA206-10B	R0903729	SW6010	SO	Potassium	1640	mg/kg		J	sd	10.1	10
SA206-10B	R0903729	SW6010	SO	Sodium	1320	mg/kg		J	sd	11.3	10
SA206-10B	R0903729	SW6010	SO	Strontium	1570	mg/kg		J	sd	12.5	10
SA206-10B	R0903729	SW6010	SO	Titanium	719	mg/kg		J	sd	11.2	10
SA206-10B	R0903729	SW6010	SO	Vanadium	42.9	mg/kg		J	sd	13.3	10
SA206-10B	R0903729	SW6010	SO	Zinc	26.1	mg/kg		J	ld,sd	21.8	10
SA206-25B	R0903729	SW6010	SO	Barium	30.4	mg/kg		J	sd	12.9	10
SA206-25B	R0903729	SW6010	SO	Boron	38.7	mg/kg		J	sd	15.9	10
SA206-25B	R0903729	SW6010	SO	Calcium	105000	mg/kg	*	J	ld,sd	15.9	10
SA206-25B	R0903729	SW6010	SO	Iron	12500	mg/kg		J	sd	15.4	10
SA206-25B	R0903729	SW6010	SO	Manganese	357	mg/kg		J	sd	15.1	10
SA206-25B	R0903729	SW6010	SO	Nickel	12.7	mg/kg		J	ld,sd	15.7	10
SA206-25B	R0903729	SW6010	SO	Potassium	3750	mg/kg		J	sd	10.1	10
SA206-25B	R0903729	SW6010	SO	Sodium	3030	mg/kg		J	sd	11.3	10
SA206-25B	R0903729	SW6010	SO	Strontium	175	mg/kg		J	sd	12.5	10
SA206-25B	R0903729	SW6010	SO	Titanium	615	mg/kg		J	sd	11.2	10
SA206-25B	R0903729	SW6010	SO	Vanadium	44.2	mg/kg		J	sd	13.3	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA206-25B	R0903729	SW6010	SO	Zinc	36.5	mg/kg		J	ld,sd	21.8	10
SA206-30B	R0903729	SW6010	SO	Barium	191	mg/kg		J	sd	12.9	10
SA206-30B	R0903729	SW6010	SO	Boron	25.5	mg/kg		J	sd	15.9	10
SA206-30B	R0903729	SW6010	SO	Calcium	114000	mg/kg	*	J	ld,sd	15.9	10
SA206-30B	R0903729	SW6010	SO	Iron	13000	mg/kg		J	sd	15.4	10
SA206-30B	R0903729	SW6010	SO	Manganese	379	mg/kg		J	sd	15.1	10
SA206-30B	R0903729	SW6010	SO	Nickel	11.5	mg/kg		J	ld,sd	15.7	10
SA206-30B	R0903729	SW6010	SO	Potassium	3540	mg/kg		J	sd	10.1	10
SA206-30B	R0903729	SW6010	SO	Sodium	2070	mg/kg		J	sd	11.3	10
SA206-30B	R0903729	SW6010	SO	Strontium	209	mg/kg		J	sd	12.5	10
SA206-30B	R0903729	SW6010	SO	Titanium	648	mg/kg		J	sd	11.2	10
SA206-30B	R0903729	SW6010	SO	Vanadium	32.2	mg/kg		J	sd	13.3	10
SA206-30B	R0903729	SW6010	SO	Zinc	40.7	mg/kg		J	ld,sd	21.8	10
SA69-0.5B	R0903729	SW6010	SO	Barium	155	mg/kg		J	sd	12.9	10
SA69-0.5B	R0903729	SW6010	SO	Boron	4.5	mg/kg	B	UJ	bl,sd	15.9	10
SA69-0.5B	R0903729	SW6010	SO	Calcium	39100	mg/kg	*	J	ld,sd	15.9	10
SA69-0.5B	R0903729	SW6010	SO	Iron	14900	mg/kg		J	sd	15.4	10
SA69-0.5B	R0903729	SW6010	SO	Manganese	371	mg/kg		J	sd	15.1	10
SA69-0.5B	R0903729	SW6010	SO	Nickel	14.5	mg/kg		J	ld,sd	15.7	10
SA69-0.5B	R0903729	SW6010	SO	Potassium	2360	mg/kg		J	sd	10.1	10
SA69-0.5B	R0903729	SW6010	SO	Sodium	359	mg/kg		J	sd	11.3	10
SA69-0.5B	R0903729	SW6010	SO	Strontium	147	mg/kg		J	sd	12.5	10
SA69-0.5B	R0903729	SW6010	SO	Titanium	755	mg/kg		J	sd	11.2	10
SA69-0.5B	R0903729	SW6010	SO	Vanadium	37.6	mg/kg		J	sd	13.3	10
SA69-0.5B	R0903729	SW6010	SO	Zinc	33.5	mg/kg		J	ld,sd	21.8	10
SA69-10B	R0903729	SW6010	SO	Barium	164	mg/kg		J	sd	12.9	10
SA69-10B	R0903729	SW6010	SO	Boron	6.7	mg/kg	B	UJ	bl,sd	15.9	10
SA69-10B	R0903729	SW6010	SO	Calcium	45900	mg/kg	*	J	ld,sd	15.9	10
SA69-10B	R0903729	SW6010	SO	Iron	14300	mg/kg		J	sd	15.4	10
SA69-10B	R0903729	SW6010	SO	Manganese	274	mg/kg		J	sd	15.1	10
SA69-10B	R0903729	SW6010	SO	Nickel	14.4	mg/kg		J	ld,sd	15.7	10
SA69-10B	R0903729	SW6010	SO	Potassium	1740	mg/kg		J	sd	10.1	10
SA69-10B	R0903729	SW6010	SO	Sodium	654	mg/kg		J	sd	11.3	10
SA69-10B	R0903729	SW6010	SO	Strontium	299	mg/kg		J	sd	12.5	10
SA69-10B	R0903729	SW6010	SO	Titanium	856	mg/kg		J	sd	11.2	10
SA69-10B	R0903729	SW6010	SO	Vanadium	43.1	mg/kg		J	sd	13.3	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA69-10B	R0903729	SW6010	SO	Zinc	31.8	mg/kg		J	ld,sd	21.8	10
SA69-29B	R0903729	SW6010	SO	Barium	78.9	mg/kg		J	sd	12.9	10
SA69-29B	R0903729	SW6010	SO	Boron	24.3	mg/kg		J	sd	15.9	10
SA69-29B	R0903729	SW6010	SO	Calcium	27500	mg/kg	*	J	ld,sd	15.9	10
SA69-29B	R0903729	SW6010	SO	Iron	14000	mg/kg		J	sd	15.4	10
SA69-29B	R0903729	SW6010	SO	Manganese	263	mg/kg		J	sd	15.1	10
SA69-29B	R0903729	SW6010	SO	Nickel	12.9	mg/kg		J	ld,sd	15.7	10
SA69-29B	R0903729	SW6010	SO	Potassium	3810	mg/kg		J	sd	10.1	10
SA69-29B	R0903729	SW6010	SO	Sodium	2270	mg/kg		J	sd	11.3	10
SA69-29B	R0903729	SW6010	SO	Strontium	149	mg/kg		J	sd	12.5	10
SA69-29B	R0903729	SW6010	SO	Titanium	711	mg/kg		J	sd	11.2	10
SA69-29B	R0903729	SW6010	SO	Vanadium	33.3	mg/kg		J	sd	13.3	10
SA69-29B	R0903729	SW6010	SO	Zinc	39.1	mg/kg		J	ld,sd	21.8	10
RSA03009-20B	R0903970	SW6010	SO	Aluminum	16900	mg/kg		J	sd	10.6	10
RSA03009-20B	R0903970	SW6010	SO	Cobalt	4.6	mg/kg		J	sd	16.6	10
RSA03009-20B	R0903970	SW6010	SO	Lead	8.4	mg/kg		J	sd	81.2	10
RSA03009-20B	R0903970	SW6010	SO	Nickel	12.4	mg/kg		J	be,sd	63.3	10
RSA03-10B	R0903970	SW6010	SO	Aluminum	9350	mg/kg		J	sd	10.6	10
RSA03-10B	R0903970	SW6010	SO	Cobalt	6.9	mg/kg		J	sd	16.6	10
RSA03-10B	R0903970	SW6010	SO	Lead	7.4	mg/kg		J	sd	81.2	10
RSA03-10B	R0903970	SW6010	SO	Nickel	13.6	mg/kg		J	be,sd	63.3	10
RSA03-20B	R0903970	SW6010	SO	Aluminum	16000	mg/kg		J	sd	10.6	10
RSA03-20B	R0903970	SW6010	SO	Cobalt	4.7	mg/kg		J	sd	16.6	10
RSA03-20B	R0903970	SW6010	SO	Lead	8.4	mg/kg		J	sd	81.2	10
RSA03-20B	R0903970	SW6010	SO	Nickel	12.1	mg/kg		J	be,sd	63.3	10
RSA03-31B	R0903970	SW6010	SO	Aluminum	23200	mg/kg		J	sd	10.6	10
RSA03-31B	R0903970	SW6010	SO	Cobalt	8.3	mg/kg		J	sd	16.6	10
RSA03-31B	R0903970	SW6010	SO	Lead	11.4	mg/kg		J	sd	81.2	10
RSA03-31B	R0903970	SW6010	SO	Nickel	18.9	mg/kg		J	sd	63.3	10
RSAJ5009-19B	R0903970	SW6010	SO	Aluminum	7500	mg/kg		J	sd	10.6	10
RSAJ5009-19B	R0903970	SW6010	SO	Cobalt	3.4	mg/kg		J	sd	16.6	10
RSAJ5009-19B	R0903970	SW6010	SO	Lead	6.3	mg/kg		J	sd	81.2	10
RSAJ5009-19B	R0903970	SW6010	SO	Nickel	8.73	mg/kg		J	be,sd	63.3	10
RSAJ5-10B	R0903970	SW6010	SO	Aluminum	9140	mg/kg		J	sd	10.6	10
RSAJ5-10B	R0903970	SW6010	SO	Cobalt	5.7	mg/kg		J	sd	16.6	10
RSAJ5-10B	R0903970	SW6010	SO	Lead	7.4	mg/kg		J	sd	81.2	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAJ5-10B	R0903970	SW6010	SO	Nickel	14.9	mg/kg		J	sd	63.3	10
RSAJ5-19B	R0903970	SW6010	SO	Aluminum	8180	mg/kg		J	sd	10.6	10
RSAJ5-19B	R0903970	SW6010	SO	Cobalt	3.7	mg/kg		J	sd	16.6	10
RSAJ5-19B	R0903970	SW6010	SO	Lead	5.9	mg/kg		J	sd	81.2	10
RSAJ5-19B	R0903970	SW6010	SO	Nickel	8.67	mg/kg		J	be,sd	63.3	10
RS AK5-10B	R0903970	SW6010	SO	Aluminum	5830	mg/kg		J	sd	10.6	10
RS AK5-10B	R0903970	SW6010	SO	Cobalt	5.5	mg/kg		J	sd	16.6	10
RS AK5-10B	R0903970	SW6010	SO	Lead	7.8	mg/kg		J	sd	81.2	10
RS AK5-10B	R0903970	SW6010	SO	Nickel	14.3	mg/kg		J	sd	63.3	10
RS AK5-22B	R0903970	SW6010	SO	Aluminum	8170	mg/kg		J	sd	10.6	10
RS AK5-22B	R0903970	SW6010	SO	Cobalt	4.1	mg/kg		J	sd	16.6	10
RS AK5-22B	R0903970	SW6010	SO	Lead	4.3	mg/kg		J	sd	81.2	10
RS AK5-22B	R0903970	SW6010	SO	Nickel	11	mg/kg		J	sd	63.3	10
RSAL5-0.5B	R0903970	SW6010	SO	Aluminum	9440	mg/kg		J	sd	10.6	10
RSAL5-0.5B	R0903970	SW6010	SO	Cobalt	8.7	mg/kg		J	sd	16.6	10
RSAL5-0.5B	R0903970	SW6010	SO	Lead	50	mg/kg		J	sd	81.2	10
RSAL5-0.5B	R0903970	SW6010	SO	Nickel	17.2	mg/kg		J	sd	63.3	10
RSAL5-10B	R0903970	SW6010	SO	Aluminum	10500	mg/kg		J	sd	10.6	10
RSAL5-10B	R0903970	SW6010	SO	Cobalt	7.3	mg/kg		J	sd	16.6	10
RSAL5-10B	R0903970	SW6010	SO	Lead	17.3	mg/kg		J	sd	81.2	10
RSAL5-10B	R0903970	SW6010	SO	Nickel	14.6	mg/kg		J	sd	63.3	10
RSAL5-30B	R0903970	SW6010	SO	Aluminum	17100	mg/kg		J	sd	10.6	10
RSAL5-30B	R0903970	SW6010	SO	Cobalt	4.7	mg/kg		J	sd	16.6	10
RSAL5-30B	R0903970	SW6010	SO	Lead	7.9	mg/kg		J	sd	81.2	10
RSAL5-30B	R0903970	SW6010	SO	Nickel	11	mg/kg		J	sd	63.3	10
SA189-10B	R0903970	SW6010	SO	Aluminum	6350	mg/kg		J	sd	10.6	10
SA189-10B	R0903970	SW6010	SO	Cobalt	5.5	mg/kg		J	sd	16.6	10
SA189-10B	R0903970	SW6010	SO	Lead	6	mg/kg		J	sd	81.2	10
SA189-10B	R0903970	SW6010	SO	Nickel	12.9	mg/kg		J	be,sd	63.3	10
SA55-10B	R0903970	SW6010	SO	Aluminum	10900	mg/kg		J	sd	10.6	10
SA55-10B	R0903970	SW6010	SO	Cobalt	8.1	mg/kg		J	sd	16.6	10
SA55-10B	R0903970	SW6010	SO	Lead	11.1	mg/kg		J	sd	81.2	10
SA55-10B	R0903970	SW6010	SO	Nickel	15.9	mg/kg		J	sd	63.3	10
SA55-25B	R0903970	SW6010	SO	Aluminum	17000	mg/kg		J	sd	10.6	10
SA55-25B	R0903970	SW6010	SO	Cobalt	6.5	mg/kg		J	sd	16.6	10
SA55-25B	R0903970	SW6010	SO	Lead	7.5	mg/kg		J	sd	81.2	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
SA55-25B	R0903970	SW6010	SO	Nickel	13.3	mg/kg		J	be,sd	63.3	10
SA55-35B	R0903970	SW6010	SO	Aluminum	15100	mg/kg		J	sd	10.6	10
SA55-35B	R0903970	SW6010	SO	Cobalt	6.4	mg/kg		J	sd	16.6	10
SA55-35B	R0903970	SW6010	SO	Lead	10.3	mg/kg		J	sd	81.2	10
SA55-35B	R0903970	SW6010	SO	Nickel	14.7	mg/kg		J	sd	63.3	10
SA74-0.5B	R0903970	SW6010	SO	Aluminum	8620	mg/kg		J	sd	10.6	10
SA74-0.5B	R0903970	SW6010	SO	Cobalt	6.9	mg/kg		J	sd	16.6	10
SA74-0.5B	R0903970	SW6010	SO	Lead	8.3	mg/kg		J	sd	81.2	10
SA74-0.5B	R0903970	SW6010	SO	Nickel	14	mg/kg		J	sd	63.3	10
SA74009-0.5B	R0903970	SW6010	SO	Aluminum	9640	mg/kg		J	sd	10.6	10
SA74009-0.5B	R0903970	SW6010	SO	Cobalt	8.4	mg/kg		J	sd	16.6	10
SA74009-0.5B	R0903970	SW6010	SO	Lead	9.4	mg/kg		J	sd	81.2	10
SA74009-0.5B	R0903970	SW6010	SO	Nickel	17	mg/kg		J	sd	63.3	10
SA74-10B	R0903970	SW6010	SO	Aluminum	8290	mg/kg		J	sd	10.6	10
SA74-10B	R0903970	SW6010	SO	Cobalt	6	mg/kg		J	sd	16.6	10
SA74-10B	R0903970	SW6010	SO	Lead	6.4	mg/kg		J	sd	81.2	10
SA74-10B	R0903970	SW6010	SO	Nickel	15.2	mg/kg		J	sd	63.3	10
SA74-29B	R0903970	SW6010	SO	Aluminum	9030	mg/kg		J	sd	10.6	10
SA74-29B	R0903970	SW6010	SO	Cobalt	4	mg/kg		J	sd	16.6	10
SA74-29B	R0903970	SW6010	SO	Lead	6.2	mg/kg		J	sd	81.2	10
SA74-29B	R0903970	SW6010	SO	Nickel	11.1	mg/kg		J	sd	63.3	10
RSAJ6-10B	R0904016	SW6010	SO	Boron	12.9	mg/kg		J	sd	17.9	10
RSAJ6-10B	R0904016	SW6010	SO	Zinc	21.5	mg/kg		J	sd	11.1	10
RSAJ6-19B	R0904016	SW6010	SO	Boron	19.3	mg/kg		J	sd	17.9	10
RSAJ6-19B	R0904016	SW6010	SO	Zinc	24.1	mg/kg		J	sd	11.1	10
RSAK6-10B	R0904016	SW6010	SO	Boron	7.5	mg/kg	B	UJ	bl,sd	17.9	10
RSAK6-10B	R0904016	SW6010	SO	Zinc	29.7	mg/kg		J	sd	11.1	10
RSAK6-24B	R0904016	SW6010	SO	Boron	18.3	mg/kg		J	sd	17.9	10
RSAK6-24B	R0904016	SW6010	SO	Zinc	20.3	mg/kg		J	sd	11.1	10
RSAK8009-26B	R0904016	SW6010	SO	Boron	27.5	mg/kg		J	sd	17.9	10
RSAK8009-26B	R0904016	SW6010	SO	Zinc	46.2	mg/kg		J	sd	11.1	10
RSAK8-10B	R0904016	SW6010	SO	Boron	9.9	mg/kg	B	UJ	bl,sd	17.9	10
RSAK8-10B	R0904016	SW6010	SO	Zinc	56.1	mg/kg		J	sd	11.1	10
RSAK8-26B	R0904016	SW6010	SO	Boron	27.2	mg/kg		J	sd	17.9	10
RSAK8-26B	R0904016	SW6010	SO	Zinc	46.2	mg/kg		J	sd	11.1	10
RSAL8-10B	R0904016	SW6010	SO	Boron	4.9	mg/kg	B	UJ	bl,sd	17.9	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAL8-10B	R0904016	SW6010	SO	Zinc	27.9	mg/kg		J	sd	11.1	10
RSAL8-28B	R0904016	SW6010	SO	Boron	9.7	mg/kg	B	UJ	bl,sd	17.9	10
RSAL8-28B	R0904016	SW6010	SO	Zinc	9.4	mg/kg		J	sd	11.1	10
SA166-10B	R0904016	SW6010	SO	Boron	10.9	mg/kg		J	sd	17.9	10
SA166-10B	R0904016	SW6010	SO	Zinc	27.1	mg/kg		J	sd	11.1	10
SA166-20B	R0904016	SW6010	SO	Boron	19.1	mg/kg		J	sd	17.9	10
SA166-20B	R0904016	SW6010	SO	Zinc	24.7	mg/kg		J	sd	11.1	10
SA166-31B	R0904016	SW6010	SO	Boron	23.1	mg/kg		J	sd	17.9	10
SA166-31B	R0904016	SW6010	SO	Zinc	34.9	mg/kg		J	sd	11.1	10
SA56-10B	R0904016	SW6010	SO	Boron	9.1	mg/kg	B	UJ	bl,sd	17.9	10
SA56-10B	R0904016	SW6010	SO	Zinc	28	mg/kg		J	sd	11.1	10
SA56-25B	R0904016	SW6010	SO	Boron	9.2	mg/kg	B	UJ	bl,sd	17.9	10
SA56-25B	R0904016	SW6010	SO	Zinc	26.3	mg/kg		J	sd	11.1	10
SA56-37B	R0904016	SW6010	SO	Boron	25.6	mg/kg		J	sd	17.9	10
SA56-37B	R0904016	SW6010	SO	Zinc	41	mg/kg		J	sd	11.1	10
SA75-0.5B	R0904016	SW6010	SO	Boron	2.5	mg/kg	B	UJ	bl,sd	17.9	10
SA75-0.5B	R0904016	SW6010	SO	Zinc	29.4	mg/kg		J	sd	11.1	10
SA75-10B	R0904016	SW6010	SO	Boron	6.3	mg/kg	B	UJ	bl,sd	17.9	10
SA75-10B	R0904016	SW6010	SO	Zinc	30	mg/kg		J	sd	11.1	10
SA75-28B	R0904016	SW6010	SO	Boron	6.1	mg/kg	B	UJ	bl,sd	17.9	10
SA75-28B	R0904016	SW6010	SO	Zinc	23.5	mg/kg		J	sd	11.1	10
SA76-10B	R0904016	SW6010	SO	Boron	9	mg/kg	B	UJ	bl,sd	17.9	10
SA76-10B	R0904016	SW6010	SO	Zinc	24.6	mg/kg		J	sd	11.1	10
SA76-20B	R0904016	SW6010	SO	Boron	15.9	mg/kg		J	sd	17.9	10
SA76-20B	R0904016	SW6010	SO	Zinc	18.8	mg/kg		J	sd	11.1	10
RSAJ3-10B	R0904279	SW 846 6010B	SO	Zinc	27	mg/kg		J	sd	28.7	10
RSAJ3-29B	R0904279	SW 846 6010B	SO	Zinc	33.3	mg/kg		J	sd	28.7	10
SA127-10B	R0904279	SW 846 6010B	SO	Zinc	28.7	mg/kg		J	sd	28.7	10
SA127-10B-berm	R0904279	SW 846 6010B	SO	Zinc	24.4	mg/kg		J	sd	28.7	10
SA127-20B	R0904279	SW 846 6010B	SO	Zinc	17.9	mg/kg		J	sd	28.7	10
SA127-32B	R0904279	SW 846 6010B	SO	Zinc	39.6	mg/kg		J	sd	28.7	10
SA127-5B-berm	R0904279	SW 846 6010B	SO	Zinc	35.5	mg/kg		J	sd	28.7	10
RSAL7-10B	R0904426	SW6010	SO	Aluminum	8490	mg/kg		J	sd	10.4	10
RSAL7-10B	R0904426	SW6020	SO	Beryllium	0.401	mg/kg		J	sd	29	10
RSAL7-10B	R0904426	SW6020	SO	Total	8.84	mg/kg		J	sd	13	10
RSAL7-27B	R0904426	SW6010	SO	Aluminum	6440	mg/kg		J	sd	10.4	10

**Table 3-3
Qualifications Based on Serial Dilution Results**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	%D	Acceptance Limit
RSAL7-27B	R0904426	SW6020	SO	Beryllium	0.253	mg/kg		J	sd	29	10
RSAL7-27B	R0904426	SW6020	SO	Chromium, Total	18.3	mg/kg		J	sd	13	10

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

% D - Percent Difference

Laboratory Qualifiers:

B - Analyte found in the associated method blank

* - Duplicate analysis not within control limits

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAI7-10B	211948	HASL-300	W	Th-230	0.734		pci/l		J+	bl	0.0736			
RSAI7-10B	211948	HASL-300	W	Th-230	0.690		pci/l		J+	bl	0.0736			
SA180-0.5B	E0800616	EPA 1668A	SO	PCB-11	353		ng/kg		U	bl	253			
SA180-0.5B	E0800616	EPA 1668A	SO	PCB-17	44.8		ng/kg		U	bl	11.1			
SA180-0.5B	E0800616	EPA 1668A	SO	PCB-19	18.0		ng/kg		U	bl	5.13			
SA180-0.5B	E0800616	EPA 1668A	SO	PCB-27	7.82		ng/kg		U	bl	1.64			
SA180-0.5B	E0800616	EPA 1668A	SO	PCB-32	28.0		ng/kg		U	bl	7.17			
SA180-0.5B	E0800616	EPA 1668A	SO	PCBs 45 + 51	9.15		ng/kg		UJK	bl,k	2.4			
SA180-10B	E0800616	EPA 1668A	SO	Decachlorobiphenyl	52.5		ng/kg		U	bl	27.5			
SA180-10B	E0800616	EPA 1668A	SO	Dichlorobiphenyl	413		ng/kg		U	bl	165			
SA180-10B	E0800616	EPA 1668A	SO	Heptachlorobiphenyl	241		ng/kg		U	bl	145			
SA180-10B	E0800616	EPA 1668A	SO	Hexachlorobiphenyl	388		ng/kg		U	bl	276			
SA180-10B	E0800616	EPA 1668A	SO	Nonachlorobiphenyl	477		ng/kg		U	bl	369			
SA180-10B	E0800616	EPA 1668A	SO	Octachlorobiphenyl	634		ng/kg		U	bl	432			
SA180-10B	E0800616	EPA 1668A	SO	PCB-105	5.68		ng/kg		U	bl	4.35			
SA180-10B	E0800616	EPA 1668A	SO	PCB-11	413		ng/kg		U	bl	165			
SA180-10B	E0800616	EPA 1668A	SO	PCB-118	22.3		ng/kg		U	bl	16.8			
SA180-10B	E0800616	EPA 1668A	SO	PCB-132	23.4		ng/kg		U	bl	16.9			
SA180-10B	E0800616	EPA 1668A	SO	PCB-136	13.7		ng/kg		U	bl	8.55			
SA180-10B	E0800616	EPA 1668A	SO	PCB-141	21.7		ng/kg		U	bl	15.0			
SA180-10B	E0800616	EPA 1668A	SO	PCB-144	6.88		ng/kg		U	bl	4.31			
SA180-10B	E0800616	EPA 1668A	SO	PCB-146	10.7		ng/kg		U	bl	7.46			
SA180-10B	E0800616	EPA 1668A	SO	PCB-158	6.49		ng/kg		U	bl	4.74			
SA180-10B	E0800616	EPA 1668A	SO	PCB-164	5.36		ng/kg		UJK	bl,k	3.46			
SA180-10B	E0800616	EPA 1668A	SO	PCB-17	13.9		ng/kg		U	bl	8.73			
SA180-10B	E0800616	EPA 1668A	SO	PCB-174	15.1		ng/kg		U	bl	17.7			
SA180-10B	E0800616	EPA 1668A	SO	PCB-177	10.3		ng/kg		UJK	bl,k	7.84			
SA180-10B	E0800616	EPA 1668A	SO	PCB-178	8.09		ng/kg		UJK	bl,k	6.14			
SA180-10B	E0800616	EPA 1668A	SO	PCB-179	19.2		ng/kg		UJK	bl,k	14.4			
SA180-10B	E0800616	EPA 1668A	SO	PCB-183	23.0		ng/kg		U	bl	12.0			
SA180-10B	E0800616	EPA 1668A	SO	PCB-187	80.5		ng/kg		U	bl	52.9			
SA180-10B	E0800616	EPA 1668A	SO	PCB-194	39.6		ng/kg		U	bl	25.9			
SA180-10B	E0800616	EPA 1668A	SO	PCB-196	29.1		ng/kg		U	bl	16.7			
SA180-10B	E0800616	EPA 1668A	SO	PCB-200	18.1		ng/kg		U	bl	11.5			
SA180-10B	E0800616	EPA 1668A	SO	PCB-201	24.4		ng/kg		UJK	bl,k	14.0			
SA180-10B	E0800616	EPA 1668A	SO	PCB-202	118		ng/kg		U	bl	75.8			
SA180-10B	E0800616	EPA 1668A	SO	PCB-203	141		ng/kg		U	bl	97.6			
SA180-10B	E0800616	EPA 1668A	SO	PCB-206	275		ng/kg		U	bl	217			
SA180-10B	E0800616	EPA 1668A	SO	PCB-207	34.3		ng/kg		UJK	bl,k	32.1			
SA180-10B	E0800616	EPA 1668A	SO	PCB-208	168		ng/kg		U	bl	121			
SA180-10B	E0800616	EPA 1668A	SO	PCB-22	13.8		ng/kg		U	bl	7.29			
SA180-10B	E0800616	EPA 1668A	SO	PCB-31	37.2		ng/kg		U	bl	19.9			
SA180-10B	E0800616	EPA 1668A	SO	PCB-32	9.25		ng/kg		U	bl	5.27			
SA180-10B	E0800616	EPA 1668A	SO	PCB-37	7.89		ng/kg		UJK	bl,k	5.89			
SA180-10B	E0800616	EPA 1668A	SO	PCB-52	38.0		ng/kg		UJK	bl,k	20.6			
SA180-10B	E0800616	EPA 1668A	SO	PCB-66	16.3		ng/kg		U	bl	12.1			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA180-10B	E0800616	EPA 1668A	SO	PCB-84	8.09		ng/kg		U	bl	7.40			
SA180-10B	E0800616	EPA 1668A	SO	PCB-92	10.2		ng/kg		U	bl	6.87			
SA180-10B	E0800616	EPA 1668A	SO	PCB-95	44.1		ng/kg		U	bl	35.4			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 110 + 115	40.9		ng/kg		U	bl	31.5			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 128 + 166	9.06		ng/kg		U	bl	4.00			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 129 + 138 + 163	73.4		ng/kg		U	bl	58.5			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 135 + 151	37.9		ng/kg		U	bl	29.9			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 147 + 149	76.7		ng/kg		U	bl	62.4			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 153 + 168	85.1		ng/kg		U	bl	61.1			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 18 + 30	25.7		ng/kg		U	bl	16.4			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 180 + 193	52.2		ng/kg		U	bl	33.9			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 198 + 199	258		ng/kg		U	bl	190			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 20 + 28	40.6		ng/kg		U	bl	21.2			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 21 + 33	25.6		ng/kg		U	bl	11.9			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 44 + 47 + 65	28.1		ng/kg		UJK	bl,k	14.2			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	36.4		ng/kg		U	bl	22.0			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 83 + 99	9.76		ng/kg		UJK	bl,k	7.47			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 85 + 116	4.06		ng/kg		U	bl	2.75			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	24.5		ng/kg		U	bl	16.2			
SA180-10B	E0800616	EPA 1668A	SO	PCBs 90 + 101 + 113	62.0		ng/kg		U	bl	45.2			
SA180-10B	E0800616	EPA 1668A	SO	Pentachlorobiphenyl	235		ng/kg		U	bl	174			
SA180-10B	E0800616	EPA 1668A	SO	Tetrachlorobiphenyl	177		ng/kg		U	bl	69.0			
SA180-10B	E0800616	EPA 1668A	SO	Trichlorobiphenyl	207		ng/kg		U	bl	96.5			
SA180-20B	E0800616	EPA 1668A	SO	Dichlorobiphenyl	505		ng/kg		U	bl	303			
SA180-20B	E0800616	EPA 1668A	SO	Heptachlorobiphenyl	241		ng/kg		U	bl	95.3			
SA180-20B	E0800616	EPA 1668A	SO	Hexachlorobiphenyl	399		ng/kg		U	bl	188			
SA180-20B	E0800616	EPA 1668A	SO	Monochlorobiphenyl	19.4		ng/kg		U	bl	7.39			
SA180-20B	E0800616	EPA 1668A	SO	PCB-1	11.1		ng/kg		U	bl	7.39			
SA180-20B	E0800616	EPA 1668A	SO	PCB-105	10.9		ng/kg		U	bl	5.41			
SA180-20B	E0800616	EPA 1668A	SO	PCB-11	428		ng/kg		U	bl	253			
SA180-20B	E0800616	EPA 1668A	SO	PCB-114	4.74		ng/kg		U	bl	4.12			
SA180-20B	E0800616	EPA 1668A	SO	PCB-118	26.4		ng/kg		U	bl	15.5			
SA180-20B	E0800616	EPA 1668A	SO	PCB-123	6.58		ng/kg		U	bl	6.00			
SA180-20B	E0800616	EPA 1668A	SO	PCB-126	8.35		ng/kg		U	bl	2.41			
SA180-20B	E0800616	EPA 1668A	SO	PCB-130	3.41		ng/kg		U	bl	2.12			
SA180-20B	E0800616	EPA 1668A	SO	PCB-132	23.0		ng/kg		U	bl	14.0			
SA180-20B	E0800616	EPA 1668A	SO	PCB-134	4.53		ng/kg		U	bl	1.31			
SA180-20B	E0800616	EPA 1668A	SO	PCB-136	11.7		ng/kg		U	bl	6.14			
SA180-20B	E0800616	EPA 1668A	SO	PCB-141	19.0		ng/kg		U	bl	11.1			
SA180-20B	E0800616	EPA 1668A	SO	PCB-144	4.79		ng/kg		UJK	bl,k	3.94			
SA180-20B	E0800616	EPA 1668A	SO	PCB-146	9.68		ng/kg		U	bl	5.44			
SA180-20B	E0800616	EPA 1668A	SO	PCB-15	16.0		ng/kg		U	bl	8.67			
SA180-20B	E0800616	EPA 1668A	SO	PCB-158	7.17		ng/kg		U	bl	3.76			
SA180-20B	E0800616	EPA 1668A	SO	PCB-16	17.7		ng/kg		U	bl	11.7			
SA180-20B	E0800616	EPA 1668A	SO	PCB-164	5.39		ng/kg		U	bl	3.15			
SA180-20B	E0800616	EPA 1668A	SO	PCB-167	9.96		ng/kg		U	bl	4.57			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA180-20B	E0800616	EPA 1668A	SO	PCB-17	16.8		ng/kg		U	bl	11.1			
SA180-20B	E0800616	EPA 1668A	SO	PCB-170	22.1		ng/kg		U	bl	8.19			
SA180-20B	E0800616	EPA 1668A	SO	PCB-174	26.8		ng/kg		U	bl	11.1			
SA180-20B	E0800616	EPA 1668A	SO	PCB-176	3.41		ng/kg		UJK	bl,k	2.19			
SA180-20B	E0800616	EPA 1668A	SO	PCB-177	12.0		ng/kg		U	bl	6.64			
SA180-20B	E0800616	EPA 1668A	SO	PCB-178	7.82		ng/kg		U	bl	3.56			
SA180-20B	E0800616	EPA 1668A	SO	PCB-179	15.3		ng/kg		U	bl	7.61			
SA180-20B	E0800616	EPA 1668A	SO	PCB-183	7.66		ng/kg		UJK	bl,k	3.18			
SA180-20B	E0800616	EPA 1668A	SO	PCB-187	59.5		ng/kg		U	bl	21.0			
SA180-20B	E0800616	EPA 1668A	SO	PCB-19	6.47		ng/kg		U	bl	5.13			
SA180-20B	E0800616	EPA 1668A	SO	PCB-190	4.41		ng/kg		U	bl	1.31			
SA180-20B	E0800616	EPA 1668A	SO	PCB-22	15.0		ng/kg		U	bl	7.65			
SA180-20B	E0800616	EPA 1668A	SO	PCB-25	2.87		ng/kg		U	bl	1.63			
SA180-20B	E0800616	EPA 1668A	SO	PCB-27	2.50		ng/kg		U	bl	1.64			
SA180-20B	E0800616	EPA 1668A	SO	PCB-31	37.6		ng/kg		U	bl	22.1			
SA180-20B	E0800616	EPA 1668A	SO	PCB-32	10.0		ng/kg		U	bl	7.17			
SA180-20B	E0800616	EPA 1668A	SO	PCB-37	10.1		ng/kg		U	bl	4.99			
SA180-20B	E0800616	EPA 1668A	SO	PCB-42	6.96		ng/kg		U	bl	3.78			
SA180-20B	E0800616	EPA 1668A	SO	PCB-48	4.62		ng/kg		UJK	bl,k	3.04			
SA180-20B	E0800616	EPA 1668A	SO	PCB-52	43.6		ng/kg		U	bl	27.4			
SA180-20B	E0800616	EPA 1668A	SO	PCB-6	9.23		ng/kg		UJK	bl,k	6.57			
SA180-20B	E0800616	EPA 1668A	SO	PCB-60	3.99		ng/kg		U	bl	2.12			
SA180-20B	E0800616	EPA 1668A	SO	PCB-64	11.1		ng/kg		U	bl	5.73			
SA180-20B	E0800616	EPA 1668A	SO	PCB-66	16.6		ng/kg		U	bl	8.48			
SA180-20B	E0800616	EPA 1668A	SO	PCB-77	17.9		ng/kg		U	bl	8.33			
SA180-20B	E0800616	EPA 1668A	SO	PCB-81	10.3		ng/kg		U	bl	6.20			
SA180-20B	E0800616	EPA 1668A	SO	PCB-84	8.85		ng/kg		U	bl	4.25			
SA180-20B	E0800616	EPA 1668A	SO	PCB-92	8.10		ng/kg		UJK	bl,k	4.11			
SA180-20B	E0800616	EPA 1668A	SO	PCB-95	45.4		ng/kg		U	bl	25.4			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 110 + 115	40.3		ng/kg		U	bl	20.4			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 128 + 166	6.28		ng/kg		UJK	bl,k	3.04			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 129 + 138 + 163	78.1		ng/kg		U	bl	48.2			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 135 + 151	34.0		ng/kg		U	bl	22.4			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 153 + 168	75.6		ng/kg		U	bl	48.6			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 156 + 157	33.0		ng/kg		U	bl	8.89			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 171 + 173	6.17		ng/kg		U	bl	3.06			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 18 + 30	25.1		ng/kg		U	bl	17.1			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 180 + 193	61.8		ng/kg		U	bl	24.7			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 20 + 28	43.9		ng/kg		U	bl	29.0			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 21 + 33	24.3		ng/kg		U	bl	14.3			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 26 + 29	5.95		ng/kg		U	bl	3.80			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 40 + 41 + 71	13.2		ng/kg		U	bl	4.96			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 44 + 47 + 65	27.7		ng/kg		U	bl	14.9			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 49 + 69	13.9		ng/kg		U	bl	8.47			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 50 + 53	3.82		ng/kg		U	bl	2.04			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 59 + 62 + 75	2.00		ng/kg		U	bl	1.27			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA180-20B	E0800616	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	35.4		ng/kg		U	bl	18.3			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 83 + 99	11.7		ng/kg		U	bl	5.12			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 85 + 116	3.30		ng/kg		UJK	bl,k	1.64			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	23.6		ng/kg		U	bl	11.7			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 88 + 91	4.07		ng/kg		U	bl	2.02			
SA180-20B	E0800616	EPA 1668A	SO	PCBs 90 + 101 + 113	57.0		ng/kg		U	bl	35.7			
SA180-20B	E0800616	EPA 1668A	SO	Pentachlorobiphenyl	259		ng/kg		U	bl	145			
SA180-20B	E0800616	EPA 1668A	SO	Tetrachlorobiphenyl	218		ng/kg		U	bl	117			
SA180-20B	E0800616	EPA 1668A	SO	Trichlorobiphenyl	222		ng/kg		U	bl	137			
SA180-30B	E0800616	EPA 1668A	SO	Dichlorobiphenyl	387		ng/kg		U	bl	303			
SA180-30B	E0800616	EPA 1668A	SO	Nonachlorobiphenyl	5.13		ng/kg		U	bl	5.45			
SA180-30B	E0800616	EPA 1668A	SO	Octachlorobiphenyl	63.4		ng/kg		U	bl	29.9			
SA180-30B	E0800616	EPA 1668A	SO	PCB-11	387		ng/kg		U	bl	253			
SA180-30B	E0800616	EPA 1668A	SO	PCB-130	4.96		ng/kg		U	bl	2.12			
SA180-30B	E0800616	EPA 1668A	SO	PCB-132	33.1		ng/kg		U	bl	14.0			
SA180-30B	E0800616	EPA 1668A	SO	PCB-136	17.0		ng/kg		U	bl	6.14			
SA180-30B	E0800616	EPA 1668A	SO	PCB-141	28.3		ng/kg		U	bl	11.1			
SA180-30B	E0800616	EPA 1668A	SO	PCB-144	9.77		ng/kg		U	bl	3.94			
SA180-30B	E0800616	EPA 1668A	SO	PCB-146	14.5		ng/kg		U	bl	5.44			
SA180-30B	E0800616	EPA 1668A	SO	PCB-158	9.53		ng/kg		U	bl	3.76			
SA180-30B	E0800616	EPA 1668A	SO	PCB-16	18.7		ng/kg		U	bl	11.7			
SA180-30B	E0800616	EPA 1668A	SO	PCB-164	7.32		ng/kg		U	bl	3.15			
SA180-30B	E0800616	EPA 1668A	SO	PCB-17	15.5		ng/kg		U	bl	11.1			
SA180-30B	E0800616	EPA 1668A	SO	PCB-170	16.5		ng/kg		U	bl	8.19			
SA180-30B	E0800616	EPA 1668A	SO	PCB-174	26.0		ng/kg		U	bl	11.1			
SA180-30B	E0800616	EPA 1668A	SO	PCB-176	4.82		ng/kg		U	bl	2.19			
SA180-30B	E0800616	EPA 1668A	SO	PCB-177	14.7		ng/kg		U	bl	6.64			
SA180-30B	E0800616	EPA 1668A	SO	PCB-178	8.95		ng/kg		U	bl	3.56			
SA180-30B	E0800616	EPA 1668A	SO	PCB-179	19.2		ng/kg		U	bl	7.61			
SA180-30B	E0800616	EPA 1668A	SO	PCB-183	12.8		ng/kg		UJK	bl,k	3.18			
SA180-30B	E0800616	EPA 1668A	SO	PCB-187	51.8		ng/kg		U	bl	21.0			
SA180-30B	E0800616	EPA 1668A	SO	PCB-194	5.72		ng/kg		UJK	bl,k	3.38			
SA180-30B	E0800616	EPA 1668A	SO	PCB-195	3.13		ng/kg		U	bl	1.46			
SA180-30B	E0800616	EPA 1668A	SO	PCB-196	7.13		ng/kg		U	bl	2.93			
SA180-30B	E0800616	EPA 1668A	SO	PCB-200	4.08		ng/kg		U	bl	1.63			
SA180-30B	E0800616	EPA 1668A	SO	PCB-201	3.94		ng/kg		U	bl	1.95			
SA180-30B	E0800616	EPA 1668A	SO	PCB-202	8.53		ng/kg		U	bl	3.33			
SA180-30B	E0800616	EPA 1668A	SO	PCB-203	11.2		ng/kg		U	bl	6.04			
SA180-30B	E0800616	EPA 1668A	SO	PCB-208	5.13		ng/kg		U	bl	1.67			
SA180-30B	E0800616	EPA 1668A	SO	PCB-22	15.4		ng/kg		U	bl	7.65			
SA180-30B	E0800616	EPA 1668A	SO	PCB-31	38.4		ng/kg		U	bl	22.1			
SA180-30B	E0800616	EPA 1668A	SO	PCB-32	10.5		ng/kg		U	bl	7.17			
SA180-30B	E0800616	EPA 1668A	SO	PCB-37	10.4		ng/kg		U	bl	4.99			
SA180-30B	E0800616	EPA 1668A	SO	PCB-42	5.79		ng/kg		U	bl	3.78			
SA180-30B	E0800616	EPA 1668A	SO	PCB-48	4.13		ng/kg		UJK	bl,k	3.04			
SA180-30B	E0800616	EPA 1668A	SO	PCB-60	3.64		ng/kg		U	bl	2.12			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA180-30B	E0800616	EPA 1668A	SO	PCB-64	11.1		ng/kg		U	bl	5.73			
SA180-30B	E0800616	EPA 1668A	SO	PCB-66	17.6		ng/kg		U	bl	8.48			
SA180-30B	E0800616	EPA 1668A	SO	PCB-84	8.18		ng/kg		UJK	bl,k	4.25			
SA180-30B	E0800616	EPA 1668A	SO	PCB-92	11.9		ng/kg		U	bl	4.11			
SA180-30B	E0800616	EPA 1668A	SO	PCB-95	57.3		ng/kg		U	bl	25.4			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 110 + 115	51.1		ng/kg		U	bl	20.4			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 128 + 166	8.06		ng/kg		U	bl	3.04			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 135 + 151	55.3		ng/kg		U	bl	22.4			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 153 + 168	233		ng/kg		U	bl	48.6			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 171 + 173	7.41		ng/kg		U	bl	3.06			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 18 + 30	17.7		ng/kg		U	bl	17.1			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 198 + 199	19.6		ng/kg		U	bl	9.19			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 21 + 33	26.0		ng/kg		U	bl	14.3			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 40 + 41 + 71	10.7		ng/kg		U	bl	4.96			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 44 + 47 + 65	30.0		ng/kg		U	bl	14.9			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 49 + 69	14.0		ng/kg		U	bl	8.47			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	40.5		ng/kg		U	bl	18.3			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 83 + 99	11.5		ng/kg		U	bl	5.12			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	28.8		ng/kg		U	bl	11.7			
SA180-30B	E0800616	EPA 1668A	SO	PCBs 88 + 91	5.24		ng/kg		U	bl	2.02			
SA180-30B	E0800616	EPA 1668A	SO	Trichlorobiphenyl	384		ng/kg		U	bl	137			
SA57-0.5B	E0800616	EPA 1668A	SO	PCB-11	336		ng/kg		U	bl	253			
SA57-0.5B	E0800616	EPA 1668A	SO	PCB-17	52.7		ng/kg		U	bl	11.1			
SA57-0.5B	E0800616	EPA 1668A	SO	PCB-19	13.8		ng/kg		U	bl	5.13			
SA57-10B	E0800616	EPA 1668A	SO	Decachlorobiphenyl	41.8		ng/kg		U	bl	27.5			
SA57-10B	E0800616	EPA 1668A	SO	Dichlorobiphenyl	334		ng/kg		U	bl	165			
SA57-10B	E0800616	EPA 1668A	SO	Heptachlorobiphenyl	185		ng/kg		U	bl	145			
SA57-10B	E0800616	EPA 1668A	SO	Hexachlorobiphenyl	265		ng/kg		U	bl	276			
SA57-10B	E0800616	EPA 1668A	SO	Nonachlorobiphenyl	347		ng/kg		U	bl	369			
SA57-10B	E0800616	EPA 1668A	SO	Octachlorobiphenyl	476		ng/kg		U	bl	432			
SA57-10B	E0800616	EPA 1668A	SO	PCB-105	4.55		ng/kg		UJK	bl,k	4.35			
SA57-10B	E0800616	EPA 1668A	SO	PCB-11	295		ng/kg		U	bl	165			
SA57-10B	E0800616	EPA 1668A	SO	PCB-118	16.1		ng/kg		U	bl	16.8			
SA57-10B	E0800616	EPA 1668A	SO	PCB-132	15.2		ng/kg		UJK	bl,k	16.9			
SA57-10B	E0800616	EPA 1668A	SO	PCB-136	10.3		ng/kg		U	bl	8.55			
SA57-10B	E0800616	EPA 1668A	SO	PCB-141	13.5		ng/kg		U	bl	15.0			
SA57-10B	E0800616	EPA 1668A	SO	PCB-144	4.20		ng/kg		UJK	bl,k	4.31			
SA57-10B	E0800616	EPA 1668A	SO	PCB-146	7.53		ng/kg		U	bl	7.46			
SA57-10B	E0800616	EPA 1668A	SO	PCB-158	5.28		ng/kg		U	bl	4.74			
SA57-10B	E0800616	EPA 1668A	SO	PCB-164	3.83		ng/kg		U	bl	3.46			
SA57-10B	E0800616	EPA 1668A	SO	PCB-17	13.9		ng/kg		U	bl	8.73			
SA57-10B	E0800616	EPA 1668A	SO	PCB-174	20.4		ng/kg		U	bl	17.7			
SA57-10B	E0800616	EPA 1668A	SO	PCB-177	10.8		ng/kg		U	bl	7.85			
SA57-10B	E0800616	EPA 1668A	SO	PCB-178	7.08		ng/kg		U	bl	6.14			
SA57-10B	E0800616	EPA 1668A	SO	PCB-179	15.9		ng/kg		U	bl	14.4			
SA57-10B	E0800616	EPA 1668A	SO	PCB-183	14.7		ng/kg		U	bl	12.0			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA57-10B	E0800616	EPA 1668A	SO	PCB-187	62.1		ng/kg		U	bl	52.9			
SA57-10B	E0800616	EPA 1668A	SO	PCB-194	29.6		ng/kg		U	bl	25.9			
SA57-10B	E0800616	EPA 1668A	SO	PCB-196	20.6		ng/kg		UJK	bl,k	16.7			
SA57-10B	E0800616	EPA 1668A	SO	PCB-200	12.4		ng/kg		U	bl	11.5			
SA57-10B	E0800616	EPA 1668A	SO	PCB-201	20.0		ng/kg		U	bl	14.0			
SA57-10B	E0800616	EPA 1668A	SO	PCB-202	87.0		ng/kg		U	bl	75.8			
SA57-10B	E0800616	EPA 1668A	SO	PCB-203	105		ng/kg		U	bl	97.6			
SA57-10B	E0800616	EPA 1668A	SO	PCB-206	197		ng/kg		U	bl	217			
SA57-10B	E0800616	EPA 1668A	SO	PCB-207	30.2		ng/kg		U	bl	32.1			
SA57-10B	E0800616	EPA 1668A	SO	PCB-208	120		ng/kg		U	bl	121			
SA57-10B	E0800616	EPA 1668A	SO	PCB-22	12.1		ng/kg		U	bl	7.29			
SA57-10B	E0800616	EPA 1668A	SO	PCB-31	29.6		ng/kg		U	bl	19.9			
SA57-10B	E0800616	EPA 1668A	SO	PCB-32	9.22		ng/kg		U	bl	5.27			
SA57-10B	E0800616	EPA 1668A	SO	PCB-37	8.30		ng/kg		U	bl	5.89			
SA57-10B	E0800616	EPA 1668A	SO	PCB-52	33.5		ng/kg		U	bl	20.6			
SA57-10B	E0800616	EPA 1668A	SO	PCB-66	14.1		ng/kg		U	bl	12.1			
SA57-10B	E0800616	EPA 1668A	SO	PCB-84	6.52		ng/kg		UJK	bl,k	7.40			
SA57-10B	E0800616	EPA 1668A	SO	PCB-92	7.61		ng/kg		U	bl	6.87			
SA57-10B	E0800616	EPA 1668A	SO	PCB-95	40.1		ng/kg		U	bl	35.4			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 110 + 115	29.9		ng/kg		U	bl	31.5			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 128 + 166	5.13		ng/kg		U	bl	4.00			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 129 + 138 + 163	48.2		ng/kg		U	bl	58.5			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 135 + 151	28.7		ng/kg		U	bl	29.9			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 147 + 149	58.9		ng/kg		U	bl	62.4			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 153 + 168	55.6		ng/kg		U	bl	61.1			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 18 + 30	26.7		ng/kg		U	bl	16.4			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 180 + 193	38.1		ng/kg		U	bl	33.9			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 198 + 199	197		ng/kg		U	bl	190			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 20 + 28	34.0		ng/kg		U	bl	21.2			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 21 + 33	20.2		ng/kg		U	bl	11.9			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 44 + 47 + 65	25.2		ng/kg		U	bl	14.2			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	30.7		ng/kg		U	bl	22.0			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 83 + 99	10.4		ng/kg		U	bl	7.47			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 85 + 116	2.55		ng/kg		U	bl	2.75			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	20.7		ng/kg		U	bl	16.2			
SA57-10B	E0800616	EPA 1668A	SO	PCBs 90 + 101 + 113	46.6		ng/kg		U	bl	45.2			
SA57-10B	E0800616	EPA 1668A	SO	Pentachlorobiphenyl	185		ng/kg		U	bl	174			
SA57-10B	E0800616	EPA 1668A	SO	Tetrachlorobiphenyl	154		ng/kg		U	bl	69.0			
SA57-10B	E0800616	EPA 1668A	SO	Trichlorobiphenyl	177		ng/kg		U	bl	96.5			
SA57-20B	E0800616	EPA 1668A	SO	Decachlorobiphenyl	3.76		ng/kg		U	bl	27.5			
SA57-20B	E0800616	EPA 1668A	SO	Dichlorobiphenyl	287		ng/kg		U	bl	303			
SA57-20B	E0800616	EPA 1668A	SO	Heptachlorobiphenyl	138		ng/kg		U	bl	95.3			
SA57-20B	E0800616	EPA 1668A	SO	Hexachlorobiphenyl	330		ng/kg		U	bl	188			
SA57-20B	E0800616	EPA 1668A	SO	Nonachlorobiphenyl	9.15		ng/kg		U	bl	5.45			
SA57-20B	E0800616	EPA 1668A	SO	Octachlorobiphenyl	52.0		ng/kg		U	bl	29.9			
SA57-20B	E0800616	EPA 1668A	SO	PCB-105	9.80		ng/kg		U	bl	5.41			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA57-20B	E0800616	EPA 1668A	SO	PCB-11	287		ng/kg		U	bl	253			
SA57-20B	E0800616	EPA 1668A	SO	PCB-114	4.15		ng/kg		U	bl	4.12			
SA57-20B	E0800616	EPA 1668A	SO	PCB-118	24.9		ng/kg		U	bl	15.5			
SA57-20B	E0800616	EPA 1668A	SO	PCB-123	6.22		ng/kg		U	bl	6.00			
SA57-20B	E0800616	EPA 1668A	SO	PCB-126	3.88		ng/kg		UJK	bl,k	2.41			
SA57-20B	E0800616	EPA 1668A	SO	PCB-130	3.09		ng/kg		U	bl	2.12			
SA57-20B	E0800616	EPA 1668A	SO	PCB-132	20.0		ng/kg		U	bl	14.0			
SA57-20B	E0800616	EPA 1668A	SO	PCB-134	2.30		ng/kg		U	bl	1.31			
SA57-20B	E0800616	EPA 1668A	SO	PCB-136	11.5		ng/kg		U	bl	6.14			
SA57-20B	E0800616	EPA 1668A	SO	PCB-141	16.9		ng/kg		U	bl	11.1			
SA57-20B	E0800616	EPA 1668A	SO	PCB-144	5.27		ng/kg		U	bl	3.94			
SA57-20B	E0800616	EPA 1668A	SO	PCB-146	8.72		ng/kg		U	bl	5.44			
SA57-20B	E0800616	EPA 1668A	SO	PCB-158	6.02		ng/kg		U	bl	3.76			
SA57-20B	E0800616	EPA 1668A	SO	PCB-16	14.9		ng/kg		U	bl	11.7			
SA57-20B	E0800616	EPA 1668A	SO	PCB-164	5.23		ng/kg		U	bl	3.15			
SA57-20B	E0800616	EPA 1668A	SO	PCB-167	8.14		ng/kg		U	bl	4.57			
SA57-20B	E0800616	EPA 1668A	SO	PCB-169	5.05		ng/kg		U	bl	1.54			
SA57-20B	E0800616	EPA 1668A	SO	PCB-17	13.2		ng/kg		U	bl	11.1			
SA57-20B	E0800616	EPA 1668A	SO	PCB-170	12.0		ng/kg		U	bl	8.19			
SA57-20B	E0800616	EPA 1668A	SO	PCB-174	15.8		ng/kg		U	bl	11.1			
SA57-20B	E0800616	EPA 1668A	SO	PCB-175	1.29		ng/kg		UJK	bl,k	0.799			
SA57-20B	E0800616	EPA 1668A	SO	PCB-176	2.96		ng/kg		U	bl	2.19			
SA57-20B	E0800616	EPA 1668A	SO	PCB-177	8.54		ng/kg		U	bl	6.64			
SA57-20B	E0800616	EPA 1668A	SO	PCB-178	5.39		ng/kg		U	bl	3.56			
SA57-20B	E0800616	EPA 1668A	SO	PCB-179	8.94		ng/kg		U	bl	7.61			
SA57-20B	E0800616	EPA 1668A	SO	PCB-183	7.46		ng/kg		U	bl	3.18			
SA57-20B	E0800616	EPA 1668A	SO	PCB-187	29.4		ng/kg		U	bl	21.0			
SA57-20B	E0800616	EPA 1668A	SO	PCB-189	5.15		ng/kg		U	bl	1.94			
SA57-20B	E0800616	EPA 1668A	SO	PCB-19	4.53		ng/kg		U	bl	5.13			
SA57-20B	E0800616	EPA 1668A	SO	PCB-190	1.85		ng/kg		UJK	bl,k	1.31			
SA57-20B	E0800616	EPA 1668A	SO	PCB-194	4.27		ng/kg		U	bl	3.38			
SA57-20B	E0800616	EPA 1668A	SO	PCB-196	5.04		ng/kg		UJK	bl,k	2.93			
SA57-20B	E0800616	EPA 1668A	SO	PCB-200	3.08		ng/kg		U	bl	1.63			
SA57-20B	E0800616	EPA 1668A	SO	PCB-201	3.06		ng/kg		U	bl	1.95			
SA57-20B	E0800616	EPA 1668A	SO	PCB-202	5.35		ng/kg		UJK	bl,k	3.33			
SA57-20B	E0800616	EPA 1668A	SO	PCB-203	9.09		ng/kg		UJK	bl,k	6.04			
SA57-20B	E0800616	EPA 1668A	SO	PCB-206	5.74		ng/kg		U	bl	3.78			
SA57-20B	E0800616	EPA 1668A	SO	PCB-208	3.40		ng/kg		U	bl	1.67			
SA57-20B	E0800616	EPA 1668A	SO	PCB-22	12.3		ng/kg		U	bl	7.65			
SA57-20B	E0800616	EPA 1668A	SO	PCB-25	2.36		ng/kg		U	bl	1.63			
SA57-20B	E0800616	EPA 1668A	SO	PCB-27	1.93		ng/kg		U	bl	1.64			
SA57-20B	E0800616	EPA 1668A	SO	PCB-31	31.5		ng/kg		U	bl	22.1			
SA57-20B	E0800616	EPA 1668A	SO	PCB-32	8.24		ng/kg		U	bl	7.17			
SA57-20B	E0800616	EPA 1668A	SO	PCB-37	8.10		ng/kg		U	bl	4.99			
SA57-20B	E0800616	EPA 1668A	SO	PCB-42	5.60		ng/kg		U	bl	3.78			
SA57-20B	E0800616	EPA 1668A	SO	PCB-48	4.12		ng/kg		U	bl	3.04			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA57-20B	E0800616	EPA 1668A	SO	PCB-52	44.0		ng/kg		U	bl	27.4			
SA57-20B	E0800616	EPA 1668A	SO	PCB-60	3.04		ng/kg		U	bl	2.12			
SA57-20B	E0800616	EPA 1668A	SO	PCB-64	9.42		ng/kg		U	bl	5.73			
SA57-20B	E0800616	EPA 1668A	SO	PCB-66	14.4		ng/kg		U	bl	8.48			
SA57-20B	E0800616	EPA 1668A	SO	PCB-77	11.7		ng/kg		U	bl	8.33			
SA57-20B	E0800616	EPA 1668A	SO	PCB-81	7.58		ng/kg		U	bl	6.20			
SA57-20B	E0800616	EPA 1668A	SO	PCB-84	9.00		ng/kg		U	bl	4.25			
SA57-20B	E0800616	EPA 1668A	SO	PCB-92	7.93		ng/kg		U	bl	4.11			
SA57-20B	E0800616	EPA 1668A	SO	PCB-95	46.2		ng/kg		U	bl	25.4			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 110 + 115	41.3		ng/kg		U	bl	20.4			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 128 + 166	4.96		ng/kg		U	bl	3.04			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 129 + 138 + 163	58.1		ng/kg		U	bl	48.2			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 135 + 151	34.0		ng/kg		U	bl	22.4			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 153 + 168	69.8		ng/kg		U	bl	48.6			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 156 + 157	17.0		ng/kg		U	bl	8.89			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 171 + 173	3.41		ng/kg		UJK	bl,k	3.06			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 18 + 30	15.1		ng/kg		U	bl	17.1			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 180 + 193	36.2		ng/kg		U	bl	24.7			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 198 + 199	13.1		ng/kg		U	bl	9.19			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 20 + 28	41.8		ng/kg		U	bl	29.0			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 21 + 33	20.1		ng/kg		U	bl	14.3			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 26 + 29	5.11		ng/kg		U	bl	3.80			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 40 + 41 + 71	11.3		ng/kg		U	bl	4.96			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 44 + 47 + 65	24.5		ng/kg		U	bl	14.9			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 45 + 51	4.61		ng/kg		U	bl	2.40			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 49 + 69	13.0		ng/kg		U	bl	8.47			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 50 + 53	3.30		ng/kg		U	bl	2.04			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	31.0		ng/kg		U	bl	18.3			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 83 + 99	11.5		ng/kg		U	bl	5.12			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 85 + 116	3.69		ng/kg		U	bl	1.64			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	22.5		ng/kg		U	bl	11.7			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 88 + 91	4.11		ng/kg		U	bl	2.02			
SA57-20B	E0800616	EPA 1668A	SO	PCBs 90 + 101 + 113	58.5		ng/kg		U	bl	35.7			
SA57-20B	E0800616	EPA 1668A	SO	Pentachlorobiphenyl	254		ng/kg		U	bl	145			
SA57-20B	E0800616	EPA 1668A	SO	Tetrachlorobiphenyl	194		ng/kg		U	bl	117			
SA57-20B	E0800616	EPA 1668A	SO	Trichlorobiphenyl	181		ng/kg		U	bl	137			
SA57-30B	E0800616	EPA 1668A	SO	Dichlorobiphenyl	496		ng/kg		U	bl	303			
SA57-30B	E0800616	EPA 1668A	SO	Heptachlorobiphenyl	147		ng/kg		U	bl	95.3			
SA57-30B	E0800616	EPA 1668A	SO	Hexachlorobiphenyl	402		ng/kg		U	bl	188			
SA57-30B	E0800616	EPA 1668A	SO	Monochlorobiphenyl	11.1		ng/kg		U	bl	7.39			
SA57-30B	E0800616	EPA 1668A	SO	Octachlorobiphenyl	41.3		ng/kg		U	bl	29.9			
SA57-30B	E0800616	EPA 1668A	SO	PCB-1	11.1		ng/kg		UJK	bl,k	7.39			
SA57-30B	E0800616	EPA 1668A	SO	PCB-105	23.9		ng/kg		U	bl	5.41			
SA57-30B	E0800616	EPA 1668A	SO	PCB-11	496		ng/kg		U	bl	253			
SA57-30B	E0800616	EPA 1668A	SO	PCB-118	59.2		ng/kg		U	bl	15.5			
SA57-30B	E0800616	EPA 1668A	SO	PCB-132	17.7		ng/kg		U	bl	14.0			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA57-30B	E0800616	EPA 1668A	SO	PCB-136	17.4		ng/kg		U	bl	6.14			
SA57-30B	E0800616	EPA 1668A	SO	PCB-16	34.7		ng/kg		U	bl	11.7			
SA57-30B	E0800616	EPA 1668A	SO	PCB-17	18.4		ng/kg		U	bl	11.1			
SA57-30B	E0800616	EPA 1668A	SO	PCB-174	20.0		ng/kg		UJK	bl,k	11.1			
SA57-30B	E0800616	EPA 1668A	SO	PCB-179	17.1		ng/kg		U	bl	7.61			
SA57-30B	E0800616	EPA 1668A	SO	PCB-187	10.3		ng/kg		UJK	bl,k	21.0			
SA57-30B	E0800616	EPA 1668A	SO	PCB-19	7.69		ng/kg		U	bl	5.13			
SA57-30B	E0800616	EPA 1668A	SO	PCB-196	6.02		ng/kg		U	bl	2.93			
SA57-30B	E0800616	EPA 1668A	SO	PCB-202	7.51		ng/kg		UJK	bl,k	3.33			
SA57-30B	E0800616	EPA 1668A	SO	PCB-203	9.87		ng/kg		U	bl	6.04			
SA57-30B	E0800616	EPA 1668A	SO	PCB-22	32.0		ng/kg		U	bl	7.65			
SA57-30B	E0800616	EPA 1668A	SO	PCB-25	5.66		ng/kg		U	bl	1.63			
SA57-30B	E0800616	EPA 1668A	SO	PCB-27	4.29		ng/kg		U	bl	1.64			
SA57-30B	E0800616	EPA 1668A	SO	PCB-31	79.0		ng/kg		U	bl	22.1			
SA57-30B	E0800616	EPA 1668A	SO	PCB-32	19.0		ng/kg		U	bl	7.17			
SA57-30B	E0800616	EPA 1668A	SO	PCB-37	17.1		ng/kg		U	bl	4.99			
SA57-30B	E0800616	EPA 1668A	SO	PCB-60	7.93		ng/kg		U	bl	2.12			
SA57-30B	E0800616	EPA 1668A	SO	PCB-66	34.0		ng/kg		U	bl	8.48			
SA57-30B	E0800616	EPA 1668A	SO	PCB-84	13.5		ng/kg		U	bl	4.25			
SA57-30B	E0800616	EPA 1668A	SO	PCB-92	10.2		ng/kg		U	bl	4.11			
SA57-30B	E0800616	EPA 1668A	SO	PCB-95	76.1		ng/kg		U	bl	25.4			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 129 + 138 + 163	73.2		ng/kg		U	bl	48.2			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 135 + 151	38.3		ng/kg		U	bl	22.4			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 153 + 168	87.3		ng/kg		U	bl	48.6			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 18 + 30	40.2		ng/kg		U	bl	17.1			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 180 + 193	50.9		ng/kg		U	bl	24.7			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 198 + 199	17.9		ng/kg		U	bl	9.19			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 21 + 33	53.2		ng/kg		U	bl	14.3			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 26 + 29	13.2		ng/kg		U	bl	3.80			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	72.3		ng/kg		U	bl	18.3			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 83 + 99	16.6		ng/kg		U	bl	5.12			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	24.7		ng/kg		U	bl	11.7			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 88 + 91	8.80		ng/kg		U	bl	2.02			
SA57-30B	E0800616	EPA 1668A	SO	PCBs 90 + 101 + 113	97.7		ng/kg		U	bl	35.7			
SA57-30B	E0800616	EPA 1668A	SO	Pentachlorobiphenyl	457		ng/kg		U	bl	145			
SA57-30B	E0800616	EPA 1668A	SO	Trichlorobiphenyl	514		ng/kg		U	bl	137			
SA181-0.5B	E0800632	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	2.28		ng/kg		U	bl	0.487			
SA181-0.5B	E0800632	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.387		ng/kg		U	bl	0.135			
SA181-0.5B	E0800632	SW 846 8290	SO	Total Heptachlorodibenzo-p-dioxin	0.799		ng/kg		U	bl	0.351			
RSA04-0.5B	E0800645	EPA 1668A	SO	Hexachlorobiphenyl	1340		ng/kg		U	bl	276			
RSA04-0.5B	E0800645	EPA 1668A	SO	Nonachlorobiphenyl	1180		ng/kg		U	bl	369			
RSA04-0.5B	E0800645	EPA 1668A	SO	Octachlorobiphenyl	2130		ng/kg		U	bl	432			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCB-132	62.7		ng/kg		U	bl	16.9			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCB-141	48.3		ng/kg		U	bl	15.0			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSA04-0.5B	E0800645	EPA 1668A	SO	PCB-146	30.9		ng/kg		UJK	bl,k	7.46			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCB-203	373		ng/kg		U	bl	97.6			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCB-206	472		ng/kg		U	bl	217			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCB-208	449		ng/kg		U	bl	121			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCBs 129 + 138 + 163	266		ng/kg		U	bl	58.5			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCBs 147 + 149	266		ng/kg		U	bl	62.4			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCBs 153 + 168	229		ng/kg		U	bl	61.1			
RSA04-0.5B	E0800645	EPA 1668A	SO	PCBs 198 + 199	709		ng/kg		U	bl	190			
RSA04-10B	E0800645	EPA 1668A	SO	Decachlorobiphenyl	90.8		ng/kg		U	bl	27.5			
RSA04-10B	E0800645	EPA 1668A	SO	Hexachlorobiphenyl	956		ng/kg		U	bl	276			
RSA04-10B	E0800645	EPA 1668A	SO	Nonachlorobiphenyl	886		ng/kg		U	bl	369			
RSA04-10B	E0800645	EPA 1668A	SO	Octachlorobiphenyl	1760		ng/kg		U	bl	432			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-132	50.6		ng/kg		U	bl	16.9			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-141	45.2		ng/kg		U	bl	15.0			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-144	15.3		ng/kg		UJK	bl,k	4.31			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-146	24.0		ng/kg		U	bl	7.46			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-158	13.1		ng/kg		U	bl	4.74			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-174	69.0		ng/kg		U	bl	17.7			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-177	37.0		ng/kg		U	bl	7.85			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-194	79.0		ng/kg		U	bl	25.9			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-196	79.6		ng/kg		U	bl	16.7			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-200	54.4		ng/kg		U	bl	11.5			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-203	337		ng/kg		U	bl	97.6			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-206	422		ng/kg		U	bl	217			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-207	88.7		ng/kg		U	bl	32.1			
RSA04-10B	E0800645	EPA 1668A	SO	PCB-208	375		ng/kg		U	bl	121			
RSA04-10B	E0800645	EPA 1668A	SO	PCBs 128 + 166	8.08		ng/kg		UJK	bl,k	4.00			
RSA04-10B	E0800645	EPA 1668A	SO	PCBs 129 + 138 + 163	145		ng/kg		U	bl	58.5			
RSA04-10B	E0800645	EPA 1668A	SO	PCBs 135 + 151	129		ng/kg		U	bl	29.9			
RSA04-10B	E0800645	EPA 1668A	SO	PCBs 147 + 149	222		ng/kg		U	bl	62.4			
RSA04-10B	E0800645	EPA 1668A	SO	PCBs 153 + 168	208		ng/kg		U	bl	61.1			
RSA04-10B	E0800645	EPA 1668A	SO	PCBs 180 + 193	155		ng/kg		U	bl	33.9			
RSA04-10B	E0800645	EPA 1668A	SO	PCBs 198 + 199	646		ng/kg		U	bl	190			
RSA04-20B	E0800645	EPA 1668A	SO	Decachlorobiphenyl	35.0		ng/kg		UJK	bl,k	27.5			
RSA04-20B	E0800645	EPA 1668A	SO	Dichlorobiphenyl	608		ng/kg		U	bl	165			
RSA04-20B	E0800645	EPA 1668A	SO	Heptachlorobiphenyl	199		ng/kg		U	bl	145			
RSA04-20B	E0800645	EPA 1668A	SO	Hexachlorobiphenyl	257		ng/kg		U	bl	276			
RSA04-20B	E0800645	EPA 1668A	SO	Nonachlorobiphenyl	441		ng/kg		U	bl	369			
RSA04-20B	E0800645	EPA 1668A	SO	Octachlorobiphenyl	568		ng/kg		U	bl	432			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-105	3.91		ng/kg		UJK	bl,k	4.35			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-11	608		ng/kg		U	bl	165			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-118	13.3		ng/kg		UJK	bl,k	16.8			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-132	15.6		ng/kg		UJK	k,bl	16.9			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-136	9.42		ng/kg		U	bl	8.55			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-141	13.2		ng/kg		UJK	bl,k	15.0			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-144	4.60		ng/kg		U	bl	4.31			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSA04-20B	E0800645	EPA 1668A	SO	PCB-146	6.17		ng/kg		UJK	bl,k	7.46			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-158	4.73		ng/kg		U	bl	4.74			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-164	5.30		ng/kg		U	bl	3.46			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-17	13.4		ng/kg		U	bl	8.73			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-174	18.4		ng/kg		U	bl	17.7			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-177	7.44		ng/kg		UJK	bl,k	7.85			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-178	9.68		ng/kg		U	bl	6.14			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-179	16.6		ng/kg		U	bl	14.4			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-183	18.2		ng/kg		UJK	bl,k	12.0			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-187	72.7		ng/kg		U	bl	52.9			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-194	30.2		ng/kg		U	bl	25.9			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-196	24.5		ng/kg		UJK	bl,k	16.7			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-200	18.5		ng/kg		U	bl	11.5			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-201	27.4		ng/kg		U	bl	14.0			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-202	112		ng/kg		U	bl	75.8			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-203	121		ng/kg		U	bl	97.6			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-206	240		ng/kg		U	bl	217			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-207	37.0		ng/kg		UJK	bl,k	32.1			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-208	165		ng/kg		U	bl	121			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-22	11.6		ng/kg		U	bl	7.29			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-31	34.3		ng/kg		U	bl	19.9			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-32	8.42		ng/kg		U	bl	5.27			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-37	5.79		ng/kg		U	bl	5.89			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-52	37.5		ng/kg		U	bl	20.6			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-66	12.9		ng/kg		U	bl	12.1			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-92	7.89		ng/kg		U	bl	6.87			
RSA04-20B	E0800645	EPA 1668A	SO	PCB-95	38.9		ng/kg		U	bl	35.4			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 110 + 115	31.8		ng/kg		U	bl	31.5			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 129 + 138 + 163	52.4		ng/kg		U	bl	58.5			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 135 + 151	28.1		ng/kg		UJK	bl,k	29.9			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 147 + 149	58.8		ng/kg		U	bl	62.4			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 153 + 168	54.6		ng/kg		U	bl	61.1			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 18 + 30	25.6		ng/kg		UJK	bl,k	16.4			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 180 + 193	39.4		ng/kg		U	bl	33.9			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 198 + 199	234		ng/kg		U	bl	190			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 20 + 28	37.8		ng/kg		U	bl	21.2			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 21 + 33	17.5		ng/kg		UJK	bl,k	11.9			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 44 + 47 + 65	26.3		ng/kg		U	bl	14.2			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	31.0		ng/kg		U	bl	22.0			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 83 + 99	7.87		ng/kg		U	bl	7.47			
RSA04-20B	E0800645	EPA 1668A	SO	PCBs 90 + 101 + 113	49.3		ng/kg		U	bl	45.2			
RSA04-20B	E0800645	EPA 1668A	SO	Pentachlorobiphenyl	153		ng/kg		U	bl	174			
RSA04-20B	E0800645	EPA 1668A	SO	Tetrachlorobiphenyl	143		ng/kg		U	bl	69.0			
RSA04-20B	E0800645	EPA 1668A	SO	Trichlorobiphenyl	193		ng/kg		U	bl	96.5			
RSA04-30B	E0800645	EPA 1668A	SO	Decachlorobiphenyl	62.1		ng/kg		U	bl	27.5			
RSA04-30B	E0800645	EPA 1668A	SO	Dichlorobiphenyl	480		ng/kg		U	bl	165			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSA04-30B	E0800645	EPA 1668A	SO	Heptachlorobiphenyl	296		ng/kg		U	bl	145			
RSA04-30B	E0800645	EPA 1668A	SO	Hexachlorobiphenyl	474		ng/kg		U	bl	276			
RSA04-30B	E0800645	EPA 1668A	SO	Nonachlorobiphenyl	639		ng/kg		U	bl	369			
RSA04-30B	E0800645	EPA 1668A	SO	Octachlorobiphenyl	896		ng/kg		U	bl	432			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-105	7.41		ng/kg		U	bl	4.35			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-11	480		ng/kg		UJK	bl,k	165			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-118	27.9		ng/kg		U	bl	16.8			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-132	29.0		ng/kg		U	bl	16.9			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-136	15.8		ng/kg		UJK	bl,k	8.55			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-141	28.8		ng/kg		U	bl	15.0			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-144	7.35		ng/kg		UJK	bl,k	4.31			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-146	11.8		ng/kg		UJK	bl,k	7.46			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-158	7.53		ng/kg		UJK	bl,k	4.74			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-164	6.92		ng/kg		UJK	bl,k	3.46			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-17	16.8		ng/kg		U	bl	8.73			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-174	19.4		ng/kg		UJK	bl,k	17.7			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-177	17.4		ng/kg		U	bl	7.85			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-178	11.4		ng/kg		UJK	bl,k	6.14			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-179	23.8		ng/kg		U	bl	14.4			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-183	24.0		ng/kg		U	bl	12.0			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-187	102		ng/kg		U	bl	52.9			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-194	50.3		ng/kg		U	bl	25.9			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-196	42.9		ng/kg		U	bl	16.7			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-200	20.3		ng/kg		UJK	bl,k	11.5			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-201	37.3		ng/kg		U	bl	14.0			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-202	158		ng/kg		U	bl	75.8			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-203	201		ng/kg		U	bl	97.6			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-206	337		ng/kg		U	bl	217			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-207	60.6		ng/kg		U	bl	32.1			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-208	241		ng/kg		U	bl	121			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-22	15.8		ng/kg		U	bl	7.29			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-31	42.2		ng/kg		U	bl	19.9			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-32	10.1		ng/kg		U	bl	5.27			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-37	10.9		ng/kg		U	bl	5.89			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-52	53.1		ng/kg		U	bl	20.6			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-66	18.6		ng/kg		UJK	bl,k	12.1			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-84	11.4		ng/kg		U	bl	7.40			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-92	12.9		ng/kg		U	bl	6.87			
RSA04-30B	E0800645	EPA 1668A	SO	PCB-95	56.9		ng/kg		U	bl	35.4			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 110 + 115	51.2		ng/kg		U	bl	31.5			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 128 + 166	11.1		ng/kg		U	bl	4.00			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 129 + 138 + 163	91.1		ng/kg		U	bl	58.5			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 135 + 151	46.8		ng/kg		U	bl	29.9			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 147 + 149	95.0		ng/kg		U	bl	62.4			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 153 + 168	104		ng/kg		U	bl	61.1			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 18 + 30	31.5		ng/kg		U	bl	16.4			

Table 3-4
Qualifications Based on Blank Contamination

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 180 + 193	67.7		ng/kg		U	bl	33.9			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 198 + 199	377		ng/kg		U	bl	190			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 20 + 28	44.0		ng/kg		U	bl	21.2			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 21 + 33	25.2		ng/kg		UJK	bl,k	11.9			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 44 + 47 + 65	30.4		ng/kg		U	bl	14.2			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	42.6		ng/kg		UJK	bl,k	22.0			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 83 + 99	16.4		ng/kg		UJK	bl,k	7.47			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	29.7		ng/kg		U	bl	16.2			
RSA04-30B	E0800645	EPA 1668A	SO	PCBs 90 + 101 + 113	83.0		ng/kg		U	bl	45.2			
RSA04-30B	E0800645	EPA 1668A	SO	Pentachlorobiphenyl	302		ng/kg		U	bl	174			
RSA04-30B	E0800645	EPA 1668A	SO	Tetrachlorobiphenyl	189		ng/kg		U	bl	69.0			
RSA04-30B	E0800645	EPA 1668A	SO	Trichlorobiphenyl	210		ng/kg		U	bl	96.5			
RSA04-36B	E0800645	EPA 1668A	SO	Decachlorobiphenyl	81.0		ng/kg		U	bl	27.5			
RSA04-36B	E0800645	EPA 1668A	SO	Dichlorobiphenyl	526		ng/kg		U	bl	165			
RSA04-36B	E0800645	EPA 1668A	SO	Heptachlorobiphenyl	371		ng/kg		U	bl	145			
RSA04-36B	E0800645	EPA 1668A	SO	Hexachlorobiphenyl	481		ng/kg		U	bl	276			
RSA04-36B	E0800645	EPA 1668A	SO	Nonachlorobiphenyl	641		ng/kg		U	bl	369			
RSA04-36B	E0800645	EPA 1668A	SO	Octachlorobiphenyl	894		ng/kg		U	bl	432			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-105	9.32		ng/kg		U	bl	4.35			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-11	461		ng/kg		U	bl	165			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-118	36.3		ng/kg		U	bl	16.8			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-132	25.9		ng/kg		U	bl	16.9			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-136	22.2		ng/kg		U	bl	8.55			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-141	18.0		ng/kg		UJK	bl,k	15.0			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-144	9.58		ng/kg		U	bl	4.31			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-146	12.5		ng/kg		U	bl	7.46			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-158	9.95		ng/kg		U	bl	4.74			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-164	8.35		ng/kg		UJK	bl,k	3.46			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-17	21.5		ng/kg		U	bl	8.73			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-174	38.3		ng/kg		U	bl	17.7			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-177	19.9		ng/kg		U	bl	7.85			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-178	14.3		ng/kg		U	bl	6.14			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-179	22.9		ng/kg		UJK	bl,k	14.4			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-183	40.0		ng/kg		UJK	bl,k	12.0			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-187	123		ng/kg		U	bl	52.9			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-194	56.8		ng/kg		U	bl	25.9			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-196	41.1		ng/kg		UJK	bl,k	16.7			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-200	23.3		ng/kg		U	bl	11.5			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-201	36.5		ng/kg		U	bl	14.0			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-202	167		ng/kg		U	bl	75.8			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-203	196		ng/kg		U	bl	97.6			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-206	344		ng/kg		U	bl	217			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-207	55.6		ng/kg		U	bl	32.1			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-208	242		ng/kg		U	bl	121			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-22	17.7		ng/kg		U	bl	7.29			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-31	49.3		ng/kg		U	bl	19.9			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSA04-36B	E0800645	EPA 1668A	SO	PCB-32	12.0		ng/kg		UJK	bl,k	5.27			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-37	12.3		ng/kg		U	bl	5.89			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-52	54.1		ng/kg		U	bl	20.6			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-66	24.0		ng/kg		U	bl	12.1			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-84	14.1		ng/kg		U	bl	7.40			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-92	12.8		ng/kg		UJK	bl,k	6.87			
RSA04-36B	E0800645	EPA 1668A	SO	PCB-95	78.5		ng/kg		U	bl	35.4			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 110 + 115	67.8		ng/kg		U	bl	31.5			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 128 + 166	7.52		ng/kg		UJK	bl,k	4.00			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 129 + 138 + 163	103		ng/kg		U	bl	58.5			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 135 + 151	62.6		ng/kg		U	bl	29.9			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 147 + 149	111		ng/kg		U	bl	62.4			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 153 + 168	83.5		ng/kg		U	bl	61.1			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 18 + 30	44.7		ng/kg		U	bl	16.4			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 180 + 193	73.4		ng/kg		U	bl	33.9			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 198 + 199	368		ng/kg		U	bl	190			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 20 + 28	51.1		ng/kg		U	bl	21.2			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 21 + 33	31.6		ng/kg		U	bl	11.9			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 44 + 47 + 65	39.4		ng/kg		U	bl	14.2			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	51.3		ng/kg		U	bl	22.0			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 83 + 99	19.8		ng/kg		UJK	bl,k	7.47			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	34.1		ng/kg		U	bl	16.2			
RSA04-36B	E0800645	EPA 1668A	SO	PCBs 90 + 101 + 113	94.1		ng/kg		U	bl	45.2			
RSA04-36B	E0800645	EPA 1668A	SO	Pentachlorobiphenyl	372		ng/kg		U	bl	174			
RSA04-36B	E0800645	EPA 1668A	SO	Tetrachlorobiphenyl	234		ng/kg		U	bl	69.0			
RSA04-36B	E0800645	EPA 1668A	SO	Trichlorobiphenyl	282		ng/kg		U	bl	96.5			
RSAN2-30B	E0800646	EPA 1668A	SO	Decachlorobiphenyl	63.0		ng/kg		U	bl	27.5			
RSAN2-30B	E0800646	EPA 1668A	SO	Dichlorobiphenyl	514		ng/kg		U	bl	165			
RSAN2-30B	E0800646	EPA 1668A	SO	Heptachlorobiphenyl	304		ng/kg		U	bl	145			
RSAN2-30B	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	464		ng/kg		U	bl	276			
RSAN2-30B	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	681		ng/kg		U	bl	369			
RSAN2-30B	E0800646	EPA 1668A	SO	Octachlorobiphenyl	895		ng/kg		U	bl	432			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-105	6.28		ng/kg		U	bl	4.35			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-11	514		ng/kg		U	bl	165			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-118	28.3		ng/kg		U	bl	16.8			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-132	29.8		ng/kg		U	bl	16.9			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-136	15.3		ng/kg		U	bl	8.55			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-141	24.9		ng/kg		U	bl	15.0			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-144	8.30		ng/kg		U	bl	4.31			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-146	10.2		ng/kg		UJK	bl,k	7.46			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-158	8.68		ng/kg		U	bl	4.74			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-164	6.11		ng/kg		UJK	bl,k	3.46			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-174	18.9		ng/kg		U	bl	17.7			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-177	18.0		ng/kg		U	bl	7.85			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-178	6.82		ng/kg		UJK	bl,k	6.14			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-179	24.2		ng/kg		U	bl	14.4			

Table 3-4
Qualifications Based on Blank Contamination

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-183	37.8		ng/kg		U	bl	12.0			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-187	93.0		ng/kg		U	bl	52.9			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-194	49.3		ng/kg		U	bl	25.9			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-196	36.9		ng/kg		U	bl	16.7			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-200	19.7		ng/kg		U	bl	11.5			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-201	34.9		ng/kg		U	bl	14.0			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-202	154		ng/kg		U	bl	75.8			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-203	206		ng/kg		U	bl	97.6			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-206	360		ng/kg		U	bl	217			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-207	50.1		ng/kg		UJK	bl,k	32.1			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-208	271		ng/kg		U	bl	121			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-22	16.6		ng/kg		UJ	bl,i	7.29			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-31	48.2		ng/kg		UJ	bl,i	19.9			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-37	11.8		ng/kg		UJK	bl,k	5.89			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-52	49.7		ng/kg		U	bl	20.6			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-66	20.2		ng/kg		U	bl	12.1			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-84	8.88		ng/kg		UJK	bl,k	7.40			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-92	11.5		ng/kg		UJK	bl,k	6.87			
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-95	60.1		ng/kg		U	bl	35.4			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 110 + 115	51.7		ng/kg		U	bl	31.5			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 129 + 138 + 163	96.0		ng/kg		U	bl	58.5			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 135 + 151	48.9		ng/kg		U	bl	29.9			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 147 + 149	97.8		ng/kg		U	bl	62.4			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 153 + 168	100		ng/kg		U	bl	61.1			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 18 + 30	39.5		ng/kg		UJ	bl,i	16.4			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 180 + 193	63.7		ng/kg		U	bl	33.9			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 198 + 199	389		ng/kg		U	bl	190			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 20 + 28	52.9		ng/kg		UJ	bl,i	21.2			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 21 + 33	32.8		ng/kg		UJ	bl,i	11.9			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	33.1		ng/kg		UJK	bl,k	14.2			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	46.4		ng/kg		U	bl	22.0			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 83 + 99	12.8		ng/kg		UJK	bl,k	7.47			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	30.2		ng/kg		U	bl	16.2			
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	80.5		ng/kg		U	bl	45.2			
RSAN2-30B	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	290		ng/kg		U	bl	174			
RSAN2-30B	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	213		ng/kg		U	bl	69.0			
RSAN2-30B	E0800646	EPA 1668A	SO	Trichlorobiphenyl	202		ng/kg		U	bl	96.5			
RSAN2-30BD	E0800646	EPA 1668A	SO	Decachlorobiphenyl	71.9		ng/kg		U	bl	27.5			
RSAN2-30BD	E0800646	EPA 1668A	SO	Dichlorobiphenyl	604		ng/kg		U	bl	165			
RSAN2-30BD	E0800646	EPA 1668A	SO	Heptachlorobiphenyl	279		ng/kg		U	bl	145			
RSAN2-30BD	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	321		ng/kg		U	bl	276			
RSAN2-30BD	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	742		ng/kg		U	bl	369			
RSAN2-30BD	E0800646	EPA 1668A	SO	Octachlorobiphenyl	1050		ng/kg		U	bl	432			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-105	6.32		ng/kg		U	bl	4.35			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-11	604		ng/kg		U	bl	165			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-118	20.4		ng/kg		U	bl	16.8			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-132	22.8		ng/kg		U	bl	16.9			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-136	11.3		ng/kg		U	bl	8.55			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-141	18.4		ng/kg		U	bl	15.0			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-144	3.78		ng/kg		UJK	bl,k	4.31			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-146	9.34		ng/kg		U	bl	7.46			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-158	4.40		ng/kg		UJK	bl,k	4.74			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-164	4.64		ng/kg		U	bl	3.46			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-17	19.2		ng/kg		U	bl	8.73			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-174	17.1		ng/kg		U	bl	17.7			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-177	14.4		ng/kg		U	bl	7.85			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-178	8.21		ng/kg		UJK	bl,k	6.14			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-179	20.9		ng/kg		UJK	bl,k	14.4			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-183	32.5		ng/kg		U	bl	12.0			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-187	101		ng/kg		U	bl	52.9			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-194	67.7		ng/kg		U	bl	25.9			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-196	40.1		ng/kg		UJK	bl,k	16.7			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-200	27.4		ng/kg		U	bl	11.5			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-201	35.9		ng/kg		UJK	bl,k	14.0			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-202	180		ng/kg		U	bl	75.8			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-203	241		ng/kg		U	bl	97.6			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-206	409		ng/kg		U	bl	217			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-207	63.1		ng/kg		U	bl	32.1			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-208	271		ng/kg		U	bl	121			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-22	15.4		ng/kg		U	bl	7.29			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-31	48.7		ng/kg		U	bl	19.9			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-32	12.1		ng/kg		U	bl	5.27			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-37	9.45		ng/kg		U	bl	5.89			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-52	43.3		ng/kg		U	bl	20.6			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-66	13.6		ng/kg		UJK	bl,k	12.1			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-84	6.51		ng/kg		UJK	bl,k	7.40			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-92	9.01		ng/kg		UJK	bl,k	6.87			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCB-95	48.5		ng/kg		U	bl	35.4			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 110 + 115	41.6		ng/kg		U	bl	31.5			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 128 + 166	5.14		ng/kg		UJK	bl,k	4.00			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 129 + 138 + 163	62.4		ng/kg		UJK	bl,k	58.5			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 135 + 151	29.3		ng/kg		U	bl	29.9			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 147 + 149	69.0		ng/kg		U	bl	62.4			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 153 + 168	75.4		ng/kg		U	bl	61.1			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 18 + 30	41.0		ng/kg		U	bl	16.4			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 180 + 193	56.0		ng/kg		U	bl	33.9			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 198 + 199	445		ng/kg		U	bl	190			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 20 + 28	48.0		ng/kg		U	bl	21.2			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 21 + 33	29.6		ng/kg		UJK	bl,k	11.9			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	34.6		ng/kg		U	bl	14.2			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	36.5		ng/kg		UJK	bl,k	22.0			
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	24.1		ng/kg		UJK	bl,k	16.2			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-30BD	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	55.4		ng/kg		U	bl	45.2			
RSAN2-30BD	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	212		ng/kg		U	bl	174			
RSAN2-30BD	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	157		ng/kg		U	bl	69.0			
RSAN2-30BD	E0800646	EPA 1668A	SO	Trichlorobiphenyl	253		ng/kg		U	bl	96.5			
RSAN2-35B	E0800646	EPA 1668A	SO	Decachlorobiphenyl	43.8		ng/kg		U	bl	27.5			
RSAN2-35B	E0800646	EPA 1668A	SO	Dichlorobiphenyl	516		ng/kg		U	bl	165			
RSAN2-35B	E0800646	EPA 1668A	SO	Heptachlorobiphenyl	248		ng/kg		U	bl	145			
RSAN2-35B	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	303		ng/kg		U	bl	276			
RSAN2-35B	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	498		ng/kg		U	bl	369			
RSAN2-35B	E0800646	EPA 1668A	SO	Octachlorobiphenyl	695		ng/kg		U	bl	432			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-105	4.73		ng/kg		UJK	bl,k	4.35			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-11	516		ng/kg		U	bl	165			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-118	21.7		ng/kg		U	bl	16.8			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-132	19.3		ng/kg		UJK	bl,k	16.9			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-136	10.3		ng/kg		UJK	bl,k	8.55			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-141	16.2		ng/kg		UJK	bl,k	15.0			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-144	5.14		ng/kg		U	bl	4.31			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-146	6.90		ng/kg		UJK	bl,k	7.46			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-158	4.03		ng/kg		UJK	bl,k	4.74			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-164	4.51		ng/kg		UJK	bl,k	3.46			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-17	18.0		ng/kg		U	bl	8.73			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-174	14.4		ng/kg		U	bl	17.7			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-177	14.3		ng/kg		UJK	bl,k	7.85			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-178	8.83		ng/kg		U	bl	6.14			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-179	18.2		ng/kg		U	bl	14.4			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-183	30.4		ng/kg		U	bl	12.0			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-187	90.2		ng/kg		U	bl	52.9			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-194	43.9		ng/kg		U	bl	25.9			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-196	30.4		ng/kg		U	bl	16.7			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-200	18.4		ng/kg		U	bl	11.5			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-201	25.6		ng/kg		UJK	bl,k	14.0			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-202	139		ng/kg		U	bl	75.8			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-203	157		ng/kg		U	bl	97.6			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-206	266		ng/kg		U	bl	217			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-207	43.7		ng/kg		U	bl	32.1			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-208	188		ng/kg		U	bl	121			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-22	17.2		ng/kg		U	bl	7.29			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-31	42.6		ng/kg		U	bl	19.9			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-32	11.7		ng/kg		U	bl	5.27			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-37	6.14		ng/kg		U	bl	5.89			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-52	43.2		ng/kg		U	bl	20.6			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-66	18.3		ng/kg		U	bl	12.1			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-84	4.22		ng/kg		UJK	bl,k	7.40			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-92	7.42		ng/kg		UJK	bl,k	6.87			
RSAN2-35B	E0800646	EPA 1668A	SO	PCB-95	47.2		ng/kg		U	bl	35.4			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 110 + 115	38.1		ng/kg		U	bl	31.5			

Table 3-4
Qualifications Based on Blank Contamination

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 128 + 166	6.84		ng/kg		UJK	bl,k	4.00			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 129 + 138 + 163	61.8		ng/kg		U	bl	58.5			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 135 + 151	31.4		ng/kg		U	bl	29.9			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 147 + 149	57.9		ng/kg		U	bl	62.4			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 153 + 168	69.0		ng/kg		U	bl	61.1			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 18 + 30	39.4		ng/kg		U	bl	16.4			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 180 + 193	51.9		ng/kg		U	bl	33.9			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 198 + 199	276		ng/kg		U	bl	190			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 20 + 28	44.6		ng/kg		U	bl	21.2			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 21 + 33	31.5		ng/kg		U	bl	11.9			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	27.2		ng/kg		U	bl	14.2			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	38.6		ng/kg		U	bl	22.0			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 83 + 99	12.3		ng/kg		U	bl	7.47			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	22.1		ng/kg		U	bl	16.2			
RSAN2-35B	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	52.0		ng/kg		U	bl	45.2			
RSAN2-35B	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	210		ng/kg		U	bl	174			
RSAN2-35B	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	181		ng/kg		U	bl	69.0			
RSAN2-35B	E0800646	EPA 1668A	SO	Trichlorobiphenyl	241		ng/kg		U	bl	96.5			
RSOA02-0.5B	E0800646	EPA 1668A	SO	Dichlorobiphenyl	367		ng/kg		U	bl	165			
RSOA02-0.5B	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	1230		ng/kg		U	bl	276			
RSOA02-0.5B	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	710		ng/kg		U	bl	369			
RSOA02-0.5B	E0800646	EPA 1668A	SO	Octachlorobiphenyl	942		ng/kg		U	bl	432			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-11	367		ng/kg		U	bl	165			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-132	79.9		ng/kg		U	bl	16.9			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-136	26.4		ng/kg		U	bl	8.55			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-141	64.1		ng/kg		U	bl	15.0			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-144	12.7		ng/kg		U	bl	4.31			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-146	37.0		ng/kg		U	bl	7.46			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-17	11.1		ng/kg		UJK	bl,k	8.73			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-174	52.6		ng/kg		U	bl	17.7			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-178	22.1		ng/kg		U	bl	6.14			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-179	42.4		ng/kg		U	bl	14.4			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-187	150		ng/kg		U	bl	52.9			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-194	103		ng/kg		U	bl	25.9			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-196	76.1		ng/kg		U	bl	16.7			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-200	26.2		ng/kg		U	bl	11.5			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-201	42.0		ng/kg		U	bl	14.0			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-202	122		ng/kg		U	bl	75.8			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-203	188		ng/kg		U	bl	97.6			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-206	343		ng/kg		U	bl	217			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-207	158		ng/kg		U	bl	32.1			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-208	209		ng/kg		U	bl	121			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-22	19.0		ng/kg		U	bl	7.29			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-31	46.8		ng/kg		U	bl	19.9			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-32	7.18		ng/kg		UJK	bl,k	5.27			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-37	28.5		ng/kg		U	bl	5.89			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-52	85.2		ng/kg		U	bl	20.6			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-66	46.8		ng/kg		U	bl	12.1			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-84	29.2		ng/kg		U	bl	7.40			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-92	31.3		ng/kg		U	bl	6.87			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCB-95	109		ng/kg		U	bl	35.4			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 135 + 151	77.4		ng/kg		U	bl	29.9			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 147 + 149	168		ng/kg		U	bl	62.4			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 153 + 168	239		ng/kg		U	bl	61.1			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 18 + 30	24.1		ng/kg		UJK	bl,k	16.4			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 198 + 199	312		ng/kg		U	bl	190			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 20 + 28	44.8		ng/kg		U	bl	21.2			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 21 + 33	26.9		ng/kg		U	bl	11.9			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	51.0		ng/kg		U	bl	14.2			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	99.4		ng/kg		U	bl	22.0			
RSOA02-0.5B	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	178		ng/kg		U	bl	45.2			
RSOA02-0.5B	E0800646	EPA 1668A	SO	Trichlorobiphenyl	228		ng/kg		U	bl	96.5			
RSOA02-10B	E0800646	EPA 1668A	SO	Decachlorobiphenyl	37.8		ng/kg		U	bl	27.5			
RSOA02-10B	E0800646	EPA 1668A	SO	Dichlorobiphenyl	324		ng/kg		U	bl	165			
RSOA02-10B	E0800646	EPA 1668A	SO	Heptachlorobiphenyl	228		ng/kg		U	bl	145			
RSOA02-10B	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	416		ng/kg		U	bl	276			
RSOA02-10B	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	353		ng/kg		U	bl	369			
RSOA02-10B	E0800646	EPA 1668A	SO	Octachlorobiphenyl	538		ng/kg		U	bl	432			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-105	5.11		ng/kg		UJK	bl,k	4.35			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-11	324		ng/kg		U	bl	165			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-118	21.4		ng/kg		U	bl	16.8			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-132	27.6		ng/kg		U	bl	16.9			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-136	14.4		ng/kg		U	bl	8.55			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-141	23.0		ng/kg		U	bl	15.0			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-144	6.61		ng/kg		U	bl	4.31			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-146	11.3		ng/kg		U	bl	7.46			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-158	7.27		ng/kg		U	bl	4.74			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-164	6.45		ng/kg		U	bl	3.46			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-17	14.9		ng/kg		UJK	bl,k	8.73			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-174	20.0		ng/kg		U	bl	17.7			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-177	10.5		ng/kg		U	bl	7.85			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-178	8.57		ng/kg		U	bl	6.14			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-179	18.0		ng/kg		U	bl	14.4			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-183	27.3		ng/kg		U	bl	12.0			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-187	72.7		ng/kg		U	bl	52.9			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-194	31.0		ng/kg		U	bl	25.9			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-196	23.1		ng/kg		U	bl	16.7			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-200	13.5		ng/kg		U	bl	11.5			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-201	22.5		ng/kg		U	bl	14.0			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-202	102		ng/kg		U	bl	75.8			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-203	121		ng/kg		U	bl	97.6			
RSOA02-10B	E0800646	EPA 1668A	SO	PCB-206	182		ng/kg		U	bl	217			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-207	33.0		ng/kg		U	bl	32.1			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-208	138		ng/kg		U	bl	121			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-22	12.0		ng/kg		UJK	bl,k	7.29			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-31	34.5		ng/kg		U	bl	19.9			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-32	9.69		ng/kg		U	bl	5.27			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-37	7.66		ng/kg		U	bl	5.89			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-52	38.1		ng/kg		U	bl	20.6			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-66	14.9		ng/kg		U	bl	12.1			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-84	9.11		ng/kg		U	bl	7.40			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-92	10.3		ng/kg		U	bl	6.87			
RSOA2-10B	E0800646	EPA 1668A	SO	PCB-95	53.6		ng/kg		U	bl	35.4			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 110 + 115	43.2		ng/kg		U	bl	31.5			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 128 + 166	7.36		ng/kg		UJK	bl,k	4.00			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 129 + 138 + 163	76.2		ng/kg		U	bl	58.5			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 135 + 151	44.2		ng/kg		U	bl	29.9			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 147 + 149	89.7		ng/kg		U	bl	62.4			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 153 + 168	85.4		ng/kg		U	bl	61.1			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 18 + 30	29.0		ng/kg		U	bl	16.4			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 180 + 193	42.1		ng/kg		U	bl	33.9			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 198 + 199	219		ng/kg		U	bl	190			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 20 + 28	38.1		ng/kg		U	bl	21.2			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 21 + 33	23.9		ng/kg		U	bl	11.9			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	30.1		ng/kg		U	bl	14.2			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	34.9		ng/kg		U	bl	22.0			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 83 + 99	11.4		ng/kg		U	bl	7.47			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 85 + 116	3.96		ng/kg		U	bl	2.75			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	25.0		ng/kg		U	bl	16.2			
RSOA2-10B	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	66.0		ng/kg		U	bl	45.2			
RSOA2-10B	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	255		ng/kg		U	bl	174			
RSOA2-10B	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	183		ng/kg		U	bl	69.0			
RSOA2-10B	E0800646	EPA 1668A	SO	Trichlorobiphenyl	196		ng/kg		U	bl	96.5			
RSOA2-20B	E0800646	EPA 1668A	SO	Decachlorobiphenyl	29.1		ng/kg		U	bl	27.5			
RSOA2-20B	E0800646	EPA 1668A	SO	Dichlorobiphenyl	445		ng/kg		U	bl	165			
RSOA2-20B	E0800646	EPA 1668A	SO	Heptachlorobiphenyl	225		ng/kg		U	bl	145			
RSOA2-20B	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	345		ng/kg		U	bl	276			
RSOA2-20B	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	332		ng/kg		U	bl	369			
RSOA2-20B	E0800646	EPA 1668A	SO	Octachlorobiphenyl	499		ng/kg		U	bl	432			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-11	445		ng/kg		U	bl	165			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-118	19.7		ng/kg		U	bl	16.8			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-132	24.7		ng/kg		U	bl	16.9			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-136	11.9		ng/kg		U	bl	8.55			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-141	20.2		ng/kg		U	bl	15.0			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-144	4.71		ng/kg		UJK	bl,k	4.31			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-146	11.5		ng/kg		U	bl	7.46			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-158	6.85		ng/kg		UJK	bl,k	4.74			
RSOA2-20B	E0800646	EPA 1668A	SO	PCB-164	5.21		ng/kg		UJK	bl,k	3.46			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-17	14.7		ng/kg		U	bl	8.73			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-174	16.8		ng/kg		UJK	bl,k	17.7			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-177	10.3		ng/kg		UJK	bl,k	7.85			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-178	7.03		ng/kg		UJK	bl,k	6.14			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-179	17.5		ng/kg		U	bl	14.4			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-183	22.4		ng/kg		UJK	bl,k	12.0			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-187	67.8		ng/kg		U	bl	52.9			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-194	25.2		ng/kg		UJK	bl,k	25.9			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-196	23.5		ng/kg		UJK	bl,k	16.7			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-200	11.6		ng/kg		UJK	bl,k	11.5			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-201	24.7		ng/kg		U	bl	14.0			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-202	108		ng/kg		U	bl	75.8			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-203	108		ng/kg		U	bl	97.6			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-206	172		ng/kg		U	bl	217			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-207	27.5		ng/kg		U	bl	32.1			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-208	132		ng/kg		U	bl	121			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-22	12.4		ng/kg		U	bl	7.29			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-31	37.0		ng/kg		U	bl	19.9			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-32	8.65		ng/kg		U	bl	5.27			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-52	38.2		ng/kg		U	bl	20.6			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-66	13.5		ng/kg		UJK	bl,k	12.1			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-84	7.31		ng/kg		U	bl	7.40			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-92	9.42		ng/kg		UJK	bl,k	6.87			
RSAO2-20B	E0800646	EPA 1668A	SO	PCB-95	42.0		ng/kg		U	bl	35.4			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 110 + 115	37.0		ng/kg		U	bl	31.5			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 128 + 166	7.35		ng/kg		U	bl	4.00			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 129 + 138 + 163	75.8		ng/kg		U	bl	58.5			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 135 + 151	33.2		ng/kg		U	bl	29.9			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 147 + 149	61.0		ng/kg		U	bl	62.4			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 153 + 168	73.3		ng/kg		U	bl	61.1			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 18 + 30	29.3		ng/kg		U	bl	16.4			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 180 + 193	45.6		ng/kg		UJK	bl,k	33.9			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 198 + 199	199		ng/kg		U	bl	190			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 20 + 28	38.9		ng/kg		U	bl	21.2			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 21 + 33	25.4		ng/kg		U	bl	11.9			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	26.1		ng/kg		U	bl	14.2			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	29.4		ng/kg		UJK	bl,k	22.0			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 83 + 99	8.57		ng/kg		UJK	bl,k	7.47			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	21.8		ng/kg		UJK	bl,k	16.2			
RSAO2-20B	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	57.0		ng/kg		U	bl	45.2			
RSAO2-20B	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	203		ng/kg		U	bl	174			
RSAO2-20B	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	140		ng/kg		U	bl	69.0			
RSAO2-20B	E0800646	EPA 1668A	SO	Trichlorobiphenyl	189		ng/kg		U	bl	96.5			
RSAO2-20BD	E0800646	EPA 1668A	SO	Decachlorobiphenyl	70.8		ng/kg		U	bl	27.5			
RSAO2-20BD	E0800646	EPA 1668A	SO	Dichlorobiphenyl	408		ng/kg		U	bl	165			
RSAO2-20BD	E0800646	EPA 1668A	SO	Heptachlorobiphenyl	191		ng/kg		U	bl	145			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAO2-20BD	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	258		ng/kg		U	bl	276			
RSAO2-20BD	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	420		ng/kg		U	bl	369			
RSAO2-20BD	E0800646	EPA 1668A	SO	Octachlorobiphenyl	579		ng/kg		U	bl	432			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-105	5.90		ng/kg		U	bl	4.35			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-11	408		ng/kg		U	bl	165			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-118	19.8		ng/kg		U	bl	16.8			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-132	19.8		ng/kg		U	bl	16.9			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-136	7.87		ng/kg		U	bl	8.55			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-141	12.2		ng/kg		UJK	bl,k	15.0			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-144	3.32		ng/kg		UJK	bl,k	4.31			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-146	8.63		ng/kg		U	bl	7.46			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-158	4.23		ng/kg		UJK	bl,k	4.74			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-164	4.75		ng/kg		U	bl	3.46			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-17	13.8		ng/kg		UJK	bl,k	8.73			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-174	15.0		ng/kg		U	bl	17.7			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-177	8.82		ng/kg		UJK	bl,k	7.85			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-178	5.63		ng/kg		UJK	bl,k	6.14			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-179	13.8		ng/kg		U	bl	14.4			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-183	18.3		ng/kg		U	bl	12.0			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-187	61.6		ng/kg		U	bl	52.9			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-194	33.7		ng/kg		U	bl	25.9			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-196	30.0		ng/kg		U	bl	16.7			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-200	13.8		ng/kg		U	bl	11.5			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-201	24.5		ng/kg		U	bl	14.0			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-202	109		ng/kg		U	bl	75.8			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-203	127		ng/kg		U	bl	97.6			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-206	222		ng/kg		U	bl	217			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-207	37.5		ng/kg		UJK	bl,k	32.1			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-208	160		ng/kg		U	bl	121			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-22	15.1		ng/kg		U	bl	7.29			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-31	39.3		ng/kg		U	bl	19.9			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-32	8.14		ng/kg		UJK	bl,k	5.27			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-52	36.3		ng/kg		U	bl	20.6			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-66	13.7		ng/kg		U	bl	12.1			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-84	6.02		ng/kg		UJK	bl,k	7.40			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-92	8.06		ng/kg		U	bl	6.87			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCB-95	34.4		ng/kg		U	bl	35.4			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 110 + 115	35.4		ng/kg		U	bl	31.5			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 128 + 166	7.65		ng/kg		U	bl	4.00			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 129 + 138 + 163	57.1		ng/kg		U	bl	58.5			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 135 + 151	23.4		ng/kg		U	bl	29.9			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 147 + 149	49.0		ng/kg		U	bl	62.4			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 153 + 168	55.2		ng/kg		U	bl	61.1			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 18 + 30	28.1		ng/kg		U	bl	16.4			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 180 + 193	46.6		ng/kg		U	bl	33.9			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 198 + 199	237		ng/kg		U	bl	190			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 20 + 28	36.1		ng/kg		U	bl	21.2			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 21 + 33	25.5		ng/kg		U	bl	11.9			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	24.2		ng/kg		U	bl	14.2			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	32.8		ng/kg		U	bl	22.0			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 83 + 99	8.35		ng/kg		UJK	bl,k	7.47			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	18.1		ng/kg		UJK	bl,k	16.2			
RSAO2-20BD	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	44.4		ng/kg		U	bl	45.2			
RSAO2-20BD	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	180		ng/kg		U	bl	174			
RSAO2-20BD	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	128		ng/kg		U	bl	69.0			
RSAO2-20BD	E0800646	EPA 1668A	SO	Trichlorobiphenyl	180		ng/kg		U	bl	96.5			
RSAO2-30B	E0800646	EPA 1668A	SO	Decachlorobiphenyl	34.7		ng/kg		U	bl	27.5			
RSAO2-30B	E0800646	EPA 1668A	SO	Dichlorobiphenyl	429		ng/kg		U	bl	165			
RSAO2-30B	E0800646	EPA 1668A	SO	Heptachlorobiphenyl	221		ng/kg		U	bl	145			
RSAO2-30B	E0800646	EPA 1668A	SO	Hexachlorobiphenyl	396		ng/kg		U	bl	276			
RSAO2-30B	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	407		ng/kg		U	bl	369			
RSAO2-30B	E0800646	EPA 1668A	SO	Octachlorobiphenyl	622		ng/kg		U	bl	432			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-11	429		ng/kg		U	bl	165			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-118	18.8		ng/kg		UJK	bl,k	16.8			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-132	27.4		ng/kg		U	bl	16.9			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-136	18.3		ng/kg		U	bl	8.55			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-141	23.3		ng/kg		U	bl	15.0			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-146	12.6		ng/kg		U	bl	7.46			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-158	6.04		ng/kg		UJK	bl,k	4.74			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-164	6.07		ng/kg		U	bl	3.46			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-17	22.7		ng/kg		U	bl	8.73			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-174	23.3		ng/kg		UJK	bl,k	17.7			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-177	10.6		ng/kg		UJK	bl,k	7.85			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-179	19.0		ng/kg		U	bl	14.4			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-183	28.7		ng/kg		U	bl	12.0			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-187	84.4		ng/kg		U	bl	52.9			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-194	25.5		ng/kg		U	bl	25.9			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-196	28.7		ng/kg		UJK	bl,k	16.7			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-200	15.2		ng/kg		UJK	bl,k	11.5			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-201	32.8		ng/kg		U	bl	14.0			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-202	134		ng/kg		U	bl	75.8			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-203	131		ng/kg		U	bl	97.6			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-206	177		ng/kg		U	bl	217			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-207	44.0		ng/kg		U	bl	32.1			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-208	186		ng/kg		U	bl	121			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-22	13.6		ng/kg		UJK	bl,k	7.29			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-31	46.1		ng/kg		U	bl	19.9			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-32	12.9		ng/kg		U	bl	5.27			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-37	12.3		ng/kg		U	bl	5.89			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-52	51.1		ng/kg		U	bl	20.6			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-66	15.1		ng/kg		UJK	bl,k	12.1			
RSAO2-30B	E0800646	EPA 1668A	SO	PCB-95	65.0		ng/kg		U	bl	35.4			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 110 + 115	45.6		ng/kg		U	bl	31.5			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 128 + 166	7.12		ng/kg		U	bl	4.00			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 129 + 138 + 163	75.1		ng/kg		U	bl	58.5			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 135 + 151	42.3		ng/kg		UJK	bl,k	29.9			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 147 + 149	94.4		ng/kg		U	bl	62.4			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 153 + 168	82.9		ng/kg		U	bl	61.1			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 18 + 30	47.9		ng/kg		U	bl	16.4			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 180 + 193	44.5		ng/kg		U	bl	33.9			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 198 + 199	255		ng/kg		U	bl	190			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 20 + 28	45.3		ng/kg		U	bl	21.2			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 21 + 33	25.6		ng/kg		UJK	bl,k	11.9			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	24.4		ng/kg		UJK	bl,k	14.2			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	36.9		ng/kg		U	bl	22.0			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	26.8		ng/kg		UJK	bl,k	16.2			
RSAO2-30B	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	68.2		ng/kg		U	bl	45.2			
RSAO2-30B	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	224		ng/kg		U	bl	174			
RSAO2-30B	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	162		ng/kg		U	bl	69.0			
RSAO2-30B	E0800646	EPA 1668A	SO	Trichlorobiphenyl	252		ng/kg		U	bl	96.5			
RSAO2-33B	E0800646	EPA 1668A	SO	Decachlorobiphenyl	43.6		ng/kg		UJK	bl,k	27.5			
RSAO2-33B	E0800646	EPA 1668A	SO	Nonachlorobiphenyl	527		ng/kg		U	bl	369			
RSAO2-33B	E0800646	EPA 1668A	SO	Octachlorobiphenyl	978		ng/kg		U	bl	432			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-105	6.10		ng/kg		UJK	bl,k	4.35			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-118	31.0		ng/kg		UJK	bl,k	16.8			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-17	14.3		ng/kg		U	bl	8.73			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-174	75.8		ng/kg		UJK	bl,k	17.7			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-179	62.5		ng/kg		U	bl	14.4			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-187	202		ng/kg		U	bl	52.9			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-194	65.2		ng/kg		U	bl	25.9			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-196	55.9		ng/kg		U	bl	16.7			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-200	30.6		ng/kg		U	bl	11.5			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-201	44.1		ng/kg		U	bl	14.0			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-202	188		ng/kg		U	bl	75.8			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-203	198		ng/kg		U	bl	97.6			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-206	256		ng/kg		U	bl	217			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-207	52.2		ng/kg		U	bl	32.1			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-208	218		ng/kg		U	bl	121			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-22	15.5		ng/kg		UJK	bl,k	7.29			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-31	55.6		ng/kg		U	bl	19.9			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-32	7.85		ng/kg		UJK	bl,k	5.27			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-37	6.77		ng/kg		UJK	bl,k	5.89			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-52	103		ng/kg		U	bl	20.6			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-66	16.6		ng/kg		U	bl	12.1			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-84	12.6		ng/kg		UJK	bl,k	7.40			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-92	24.6		ng/kg		U	bl	6.87			
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-95	142		ng/kg		U	bl	35.4			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 110 + 115	82.1		ng/kg		U	bl	31.5			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 147 + 149	302		ng/kg		U	bl	62.4			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 153 + 168	260		ng/kg		U	bl	61.1			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 18 + 30	62.2		ng/kg		U	bl	16.4			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 198 + 199	374		ng/kg		U	bl	190			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 21 + 33	30.0		ng/kg		U	bl	11.9			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 44 + 47 + 65	46.9		ng/kg		U	bl	14.2			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	51.7		ng/kg		U	bl	22.0			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 83 + 99	15.3		ng/kg		U	bl	7.47			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 85 + 116	3.05		ng/kg		UJK	bl,k	2.75			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	38.8		ng/kg		U	bl	16.2			
RSAO2-33B	E0800646	EPA 1668A	SO	PCBs 90 + 101 + 113	137		ng/kg		U	bl	45.2			
RSAO2-33B	E0800646	EPA 1668A	SO	Pentachlorobiphenyl	493		ng/kg		U	bl	174			
RSAO2-33B	E0800646	EPA 1668A	SO	Tetrachlorobiphenyl	255		ng/kg		U	bl	69.0			
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-11	557		ng/kg		U	bl	202			
SA48-10B	E0800649	EPA 1668A	SO	Dichlorobiphenyl	166		ng/kg		U	bl	202			
SA48-10B	E0800649	EPA 1668A	SO	PCB-132	104		ng/kg		U	bl	23.8			
SA48-10B	E0800649	EPA 1668A	SO	PCB-136	33.4		ng/kg		U	bl	14.1			
SA48-10B	E0800649	EPA 1668A	SO	PCB-141	79.2		ng/kg		U	bl	17.4			
SA48-10B	E0800649	EPA 1668A	SO	PCB-17	12.9		ng/kg		U	bl	11.1			
SA48-10B	E0800649	EPA 1668A	SO	PCB-179	37.8		ng/kg		U	bl	10.2			
SA48-10B	E0800649	EPA 1668A	SO	PCB-187	138		ng/kg		U	bl	27.9			
SA48-10B	E0800649	EPA 1668A	SO	PCB-22	24.7		ng/kg		U	bl	11.8			
SA48-10B	E0800649	EPA 1668A	SO	PCB-31	52.9		ng/kg		U	bl	32.1			
SA48-10B	E0800649	EPA 1668A	SO	PCB-32	8.41		ng/kg		U	bl	10.9			
SA48-10B	E0800649	EPA 1668A	SO	PCB-52	112		ng/kg		U	bl	32.0			
SA48-10B	E0800649	EPA 1668A	SO	PCB-95	156		ng/kg		U	bl	48.5			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 135 + 151	110		ng/kg		U	bl	40.9			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 147 + 149	243		ng/kg		U	bl	72.7			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 153 + 168	321		ng/kg		U	bl	68.6			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 18 + 30	23.5		ng/kg		U	bl	21.1			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 20 + 28	55.8		ng/kg		U	bl	33.4			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 21 + 33	29.0		ng/kg		U	bl	17.6			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 44 + 47 + 65	78.7		ng/kg		U	bl	28.3			
SA48-10B	E0800649	EPA 1668A	SO	PCBs 90 + 101 + 113	223		ng/kg		U	bl	53.5			
SA48-10B	E0800649	EPA 1668A	SO	Trichlorobiphenyl	290		ng/kg		U	bl	138			
SA48-20B	E0800649	EPA 1668A	SO	PCB-11	292		ng/kg		UJK	bl,k	202			
SA48-20B	E0800649	EPA 1668A	SO	PCB-17	47.8		ng/kg		U	bl	11.1			
SA48-20B	E0800649	EPA 1668A	SO	PCB-32	41.4		ng/kg		U	bl	10.9			
SA48-30B	E0800649	EPA 1668A	SO	Dichlorobiphenyl	296		ng/kg		U	bl	202			
SA48-30B	E0800649	EPA 1668A	SO	Heptachlorobiphenyl	188		ng/kg		U	bl	79.8			
SA48-30B	E0800649	EPA 1668A	SO	Hexachlorobiphenyl	582		ng/kg		U	bl	317			
SA48-30B	E0800649	EPA 1668A	SO	Octachlorobiphenyl	156		ng/kg		U	bl	42.4			
SA48-30B	E0800649	EPA 1668A	SO	PCB-11	296		ng/kg		U	bl	202			
SA48-30B	E0800649	EPA 1668A	SO	PCB-118	40.3		ng/kg		U	bl	17.4			
SA48-30B	E0800649	EPA 1668A	SO	PCB-132	45.0		ng/kg		U	bl	23.8			
SA48-30B	E0800649	EPA 1668A	SO	PCB-136	22.7		ng/kg		U	bl	14.1			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA48-30B	E0800649	EPA 1668A	SO	PCB-141	29.7		ng/kg		U	bl	17.4			
SA48-30B	E0800649	EPA 1668A	SO	PCB-146	16.3		ng/kg		U	bl	9.11			
SA48-30B	E0800649	EPA 1668A	SO	PCB-164	9.52		ng/kg		U	bl	5.75			
SA48-30B	E0800649	EPA 1668A	SO	PCB-17	15.5		ng/kg		U	bl	11.1			
SA48-30B	E0800649	EPA 1668A	SO	PCB-174	24.9		ng/kg		U	bl	15.0			
SA48-30B	E0800649	EPA 1668A	SO	PCB-179	14.3		ng/kg		U	bl	10.2			
SA48-30B	E0800649	EPA 1668A	SO	PCB-187	42.3		ng/kg		U	bl	27.9			
SA48-30B	E0800649	EPA 1668A	SO	PCB-202	19.6		ng/kg		U	bl	12.7			
SA48-30B	E0800649	EPA 1668A	SO	PCB-22	14.1		ng/kg		UJK	bl,k	11.8			
SA48-30B	E0800649	EPA 1668A	SO	PCB-31	40.5		ng/kg		U	bl	32.1			
SA48-30B	E0800649	EPA 1668A	SO	PCB-32	10.7		ng/kg		U	bl	10.9			
SA48-30B	E0800649	EPA 1668A	SO	PCB-52	54.2		ng/kg		U	bl	32.0			
SA48-30B	E0800649	EPA 1668A	SO	PCB-66	23.6		ng/kg		U	bl	14.3			
SA48-30B	E0800649	EPA 1668A	SO	PCB-95	90.2		ng/kg		U	bl	48.5			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 110 + 115	92.2		ng/kg		U	bl	32.4			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 129 + 138 + 163	97.7		ng/kg		U	bl	59.3			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 135 + 151	66.8		ng/kg		U	bl	40.9			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 147 + 149	123		ng/kg		U	bl	72.7			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 153 + 168	107		ng/kg		U	bl	68.6			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 156 + 157	11.0		ng/kg		U	bl	5.73			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 18 + 30	28.9		ng/kg		U	bl	21.1			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 180 + 193	37.7		ng/kg		U	bl	26.7			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 198 + 199	38.5		ng/kg		U	bl	20.4			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 20 + 28	45.0		ng/kg		U	bl	33.4			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 21 + 33	25.8		ng/kg		U	bl	17.6			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	48.2		ng/kg		U	bl	26.8			
SA48-30B	E0800649	EPA 1668A	SO	PCBs 90 + 101 + 113	106		ng/kg		U	bl	53.5			
SA48-30B	E0800649	EPA 1668A	SO	Pentachlorobiphenyl	473		ng/kg		U	bl	152			
SA48-30B	E0800649	EPA 1668A	SO	Tetrachlorobiphenyl	224		ng/kg		U	bl	101			
SA48-30B	E0800649	EPA 1668A	SO	Trichlorobiphenyl	225		ng/kg		U	bl	138			
SA48-35B	E0800649	EPA 1668A	SO	Dichlorobiphenyl	366		ng/kg		U	bl	202			
SA48-35B	E0800649	EPA 1668A	SO	Hexachlorobiphenyl	1230		ng/kg		U	bl	317			
SA48-35B	E0800649	EPA 1668A	SO	PCB-11	277		ng/kg		U	bl	202			
SA48-35B	E0800649	EPA 1668A	SO	PCB-132	79.5		ng/kg		U	bl	23.8			
SA48-35B	E0800649	EPA 1668A	SO	PCB-136	32.6		ng/kg		U	bl	14.1			
SA48-35B	E0800649	EPA 1668A	SO	PCB-141	60.3		ng/kg		U	bl	17.4			
SA48-35B	E0800649	EPA 1668A	SO	PCB-146	33.6		ng/kg		U	bl	9.11			
SA48-35B	E0800649	EPA 1668A	SO	PCB-164	22.9		ng/kg		U	bl	5.75			
SA48-35B	E0800649	EPA 1668A	SO	PCB-17	14.5		ng/kg		U	bl	11.1			
SA48-35B	E0800649	EPA 1668A	SO	PCB-174	68.1		ng/kg		U	bl	15.0			
SA48-35B	E0800649	EPA 1668A	SO	PCB-179	35.1		ng/kg		U	bl	10.2			
SA48-35B	E0800649	EPA 1668A	SO	PCB-187	106		ng/kg		U	bl	27.9			
SA48-35B	E0800649	EPA 1668A	SO	PCB-202	28.0		ng/kg		U	bl	12.7			
SA48-35B	E0800649	EPA 1668A	SO	PCB-22	19.8		ng/kg		U	bl	11.8			
SA48-35B	E0800649	EPA 1668A	SO	PCB-31	44.8		ng/kg		U	bl	32.1			
SA48-35B	E0800649	EPA 1668A	SO	PCB-32	9.76		ng/kg		U	bl	10.9			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA48-35B	E0800649	EPA 1668A	SO	PCB-52	88.3		ng/kg		U	bl	32.0			
SA48-35B	E0800649	EPA 1668A	SO	PCB-66	47.5		ng/kg		U	bl	14.3			
SA48-35B	E0800649	EPA 1668A	SO	PCB-95	131		ng/kg		U	bl	48.5			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 129 + 138 + 163	290		ng/kg		U	bl	59.3			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 135 + 151	100		ng/kg		U	bl	40.9			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 147 + 149	216		ng/kg		U	bl	72.7			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 153 + 168	229		ng/kg		U	bl	68.6			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 156 + 157	26.2		ng/kg		U	bl	5.73			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 18 + 30	23.6		ng/kg		U	bl	21.1			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 180 + 193	153		ng/kg		U	bl	26.7			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 198 + 199	85.6		ng/kg		U	bl	20.4			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 20 + 28	55.0		ng/kg		U	bl	33.4			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 21 + 33	26.8		ng/kg		U	bl	17.6			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 44 + 47 + 65	55.8		ng/kg		U	bl	28.3			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	90.5		ng/kg		U	bl	26.8			
SA48-35B	E0800649	EPA 1668A	SO	PCBs 90 + 101 + 113	164		ng/kg		U	bl	53.5			
SA48-35B	E0800649	EPA 1668A	SO	Tetrachlorobiphenyl	451		ng/kg		U	bl	101			
SA48-35B	E0800649	EPA 1668A	SO	Trichlorobiphenyl	267		ng/kg		U	bl	138			
SA180-0.5B	K0805780	SW 846 6010B	SO	Tin	3.3	9.6	mg/kg		U	bl	3.4			
SA180-10B	K0805780	SW 846 6010B	SO	Tin	2.8	9.7	mg/kg		U	bl	3.4			
SA180-20B	K0805780	SW 846 6010B	SO	Tin	4.8	13.1	mg/kg		U	bl	3.4			
SA180-30B	K0805780	SW 846 6010B	SO	Tin	4.3	12.9	mg/kg		U	bl	3.4			
SA57-0.5B	K0805780	SW 846 6010B	SO	Tin	3.8	10.6	mg/kg		U	bl	3.4			
SA57-10B	K0805780	SW 846 6010B	SO	Tin	3.9	11.8	mg/kg		U	bl	3.4			
SA57-20B	K0805780	SW 846 6010B	SO	Tin	4.4	13.3	mg/kg		U	bl	3.4			
SA57-30B	K0805780	SW 846 6010B	SO	Tin	3.5	11.4	mg/kg		U	bl	3.4			
SA57-30B	K0805780	SW 846 6020	SO	Tungsten	0.2	0.23	mg/kg		UJ	bl,m	0.102-			
SA87-0.5B	K0805780	SW 846 6010B	SO	Tin	2.7	9.4	mg/kg		U	bl	3.4			
SA87-10B	K0805780	SW 846 6010B	SO	Tin	2.6	9.5	mg/kg		U	bl	3.4			
SA87-20B	K0805780	SW 846 6010B	SO	Tin	3.4	10.7	mg/kg		U	bl	3.4			
SA87-25B	K0805780	SW 846 6010B	SO	Tin	4.1	12.3	mg/kg		U	bl	3.4			
SA87-30B	K0805780	SW 846 6010B	SO	Tin	4.1	13	mg/kg		U	bl	3.4			
SA181-0.5B	K0806117	SW 846 6010B	SO	Tin	3	10.7	mg/kg		U	bl	3.1			
SA181-10B	K0806117	SW 846 6010B	SO	Tin	3.2	10.7	mg/kg		U	bl	3.1			
SA181-20B	K0806117	SW 846 6010B	SO	Tin	2.9	10.5	mg/kg		U	bl	3.1			
SA181-30B	K0806117	SW 846 6010B	SO	Tin	2.8	10.4	mg/kg		U	bl	3.1			
SA181-35B	K0806117	SW 846 6010B	SO	Tin	3.2	11.9	mg/kg		U	bl	3.1			
SA207-0.5B	K0806117	SW 846 6010B	SO	Tin	3.8	12.5	mg/kg		U	bl	3.1			
SA207-10B	K0806117	SW 846 6010B	SO	Tin	3	10.4	mg/kg		U	bl	3.1			
SA207-20B	K0806117	SW 846 6010B	SO	Tin	3.1	10.3	mg/kg		U	bl	3.1			
SA207-30B	K0806117	SW 846 6010B	SO	Tin	2.8	11.2	mg/kg		U	bl	3.1			
SA207-40B	K0806117	SW 846 6010B	SO	Tin	3.4	11.3	mg/kg		U	bl	3.1			
RSAN2-0.5B	K0806216	SW 846 6010B	SO	Tin	3	10.5	mg/kg		U	bl	3.1			
RSAN2-0.5B	K0806216	SW 846 6020	SO	Tungsten	0.16	0.21	mg/kg		UJ	bl,m	0.10			
RSAN2-10B	K0806216	SW 846 6010B	SO	Tin	3.2	10.7	mg/kg		U	bl	3.1			
RSAN2-10B	K0806216	SW 846 6020	SO	Tungsten	0.15	0.21	mg/kg		UJ	bl,m	0.10			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-20B	K0806216	SW 846 6010B	SO	Tin	3.2	11	mg/kg		U	bl	3.1			
SA183-0.5B	K0806216	SW 846 6010B	SO	Boron	3	4.3	mg/kg		U	bl	5.0			
SA183-0.5B	K0806216	SW 846 6010B	SO	Tin	3.4	10.8	mg/kg		U	bl	3.1			
SA47-0.5B	K0806216	SW 846 6010B	SO	Tin	3.2	10.7	mg/kg		U	bl	3.1			
SA47-10B	K0806216	SW 846 6010B	SO	Tin	3.2	12.1	mg/kg		U	bl	3.1			
SA47-10B	K0806216	SW 846 6020	SO	Tungsten	0.22	0.24	mg/kg		UJ	bl,m	0.10			
SA47-20B	K0806216	SW 846 6010B	SO	Tin	3	10.3	mg/kg		U	bl	3.1			
SA47-30B	K0806216	SW 846 6010B	SO	Tin	3.4	10.9	mg/kg		U	bl	3.1			
SA47-35B	K0806216	SW 846 6010B	SO	Tin	2.9	10.4	mg/kg		U	bl	3.1			
SA67-0.5B	K0806216	SW 846 6010B	SO	Boron	3.1	4	mg/kg		U	bl	5.0			
SA67-0.5B	K0806216	SW 846 6010B	SO	Tin	3	10	mg/kg		U	bl	3.1			
SA67-10B	K0806216	SW 846 6010B	SO	Tin	3.2	10.7	mg/kg		U	bl	3.1			
SA67-20B	K0806216	SW 846 6010B	SO	Tin	3.2	10.6	mg/kg		U	bl	3.1			
SA67-30B	K0806216	SW 846 6010B	SO	Tin	3.4	10.8	mg/kg		U	bl	3.1			
SA67-35B	K0806216	SW 846 6010B	SO	Tin	2.8	9.4	mg/kg		U	bl	3.1			
RSA02-0.5B	K0806275	SW 846 6010B	SO	Tin	2.9	10.7	mg/kg		U	bl	3.0			
RSA02-0.5B	K0806275	SW 846 7471A	SO	Mercury	0.015		mg/kg		U	bl	0.020			
RSA02-10B	K0806275	SW 846 6010B	SO	Tin	3.1	10.6	mg/kg		U	bl	3.0			
RSA02-10B	K0806275	SW 846 6020	SO	Tungsten	0.16	0.21	mg/kg		UJ	bl,m	0.051			
RSA02-20B	K0806275	SW 846 6010B	SO	Tin	3.2	11.8	mg/kg		U	bl	3.0			
RSA02-20B	K0806275	SW 846 6020	SO	Tungsten	0.2	0.24	mg/kg		UJ	bl,m	0.051			
RSA02-20BD	K0806275	SW 846 6010B	SO	Tin	3.6	11.2	mg/kg		U	bl	3.0			
RSA02-20BD	K0806275	SW 846 6020	SO	Tungsten	0.21	0.23	mg/kg		UJ	bl,m	0.051			
RSA02-30B	K0806275	SW 846 6010B	SO	Tin	3.3	10.7	mg/kg		U	bl	3.0			
RSA02-30B	K0806275	SW 846 6020	SO	Tungsten	0.13	0.21	mg/kg		UJ	bl,m	0.051			
RSA02-33B	K0806275	SW 846 6010B	SO	Tin	2.7	10.3	mg/kg		U	bl	3.0			
RSA02-33B	K0806275	SW 846 6020	SO	Tungsten	0.17	0.21	mg/kg		UJ	bl,m	0.051			
RSA04-0.5B	K0806275	SW 846 6010B	SO	Boron	3.6	4.2	mg/kg		U	bl	5.0			
RSA04-0.5B	K0806275	SW 846 6010B	SO	Tin	3	10.5	mg/kg		U	bl	3.0			
RSA04-0.5B	K0806275	SW 846 7471A	SO	Mercury	0.019		mg/kg		U	bl	0.020			
RSA04-10B	K0806275	SW 846 6010B	SO	Tin	3.3	10.9	mg/kg		U	bl	3.0			
RSA04-10B	K0806275	SW 846 6020	SO	Tungsten	0.15	0.22	mg/kg		UJ	bl,m	0.051			
RSA04-10B	K0806275	SW 846 7471A	SO	Mercury	0.003		mg/kg		U	bl	0.020			
RSA04-20B	K0806275	SW 846 6010B	SO	Tin	3.6	12.2	mg/kg		U	bl	3.0			
RSA04-20B	K0806275	SW 846 7471A	SO	Mercury	0.003		mg/kg		U	bl	0.020			
RSA04-30B	K0806275	SW 846 6010B	SO	Tin	2.9	10.6	mg/kg		U	bl	3.0			
RSA04-36B	K0806275	SW 846 6010B	SO	Tin	3.3	10.8	mg/kg		U	bl	3.0			
RSA04-36B	K0806275	SW 846 7471A	SO	Mercury	0.006		mg/kg		U	bl	0.020			
RSAN2-30B	K0806275	SW 846 6010B	SO	Tin	3.5	11.6	mg/kg		U	bl	3.0			
RSAN2-30B	K0806275	SW 846 7471A	SO	Mercury	0.009		mg/kg		U	bl	0.020			
RSAN2-30BD	K0806275	SW 846 6010B	SO	Tin	3.4	11.2	mg/kg		U	bl	3.0			
RSAN2-30BD	K0806275	SW 846 7471A	SO	Mercury	0.007		mg/kg		U	bl	0.020			
RSAN2-35B	K0806275	SW 846 6010B	SO	Tin	3.4	10.8	mg/kg		U	bl	3.0			
RSAN2-35B	K0806275	SW 846 6020	SO	Tungsten	0.19	0.22	mg/kg		UJ	bl,m	0.051			
RSAN2-35B	K0806275	SW 846 7471A	SO	Mercury	0.007		mg/kg		U	bl	0.020			
SA183-10B	K0806275	SW 846 6010B	SO	Boron	3.8	4.2	mg/kg		U	bl	5.0			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA183-10B	K0806275	SW 846 6010B	SO	Tin	2.9	10.5	mg/kg		U	bl	3.0			
SA183-10B	K0806275	SW 846 6020	SO	Tungsten	0.19	0.21	mg/kg		UJ	bl,m	0.051			
SA183-10B	K0806275	SW 846 7471A	SO	Mercury	0.007		mg/kg		U	bl	0.020			
SA183-10BD	K0806275	SW 846 6010B	SO	Tin	3	10.9	mg/kg		U	bl	3.0			
SA183-10BD	K0806275	SW 846 6020	SO	Tungsten	0.17	0.21	mg/kg		UJ	bl,m	0.051			
SA183-10BD	K0806275	SW 846 7471A	SO	Mercury	0.007		mg/kg		U	bl	0.020			
SA183-20B	K0806275	SW 846 6010B	SO	Tin	3.4	10.5	mg/kg		U	bl	3.0			
SA183-20B	K0806275	SW 846 7471A	SO	Mercury	0.011		mg/kg		U	bl	0.020			
SA183-30B	K0806275	SW 846 6010B	SO	Tin	3.2	11.7	mg/kg		U	bl	3.0			
SA183-30B	K0806275	SW 846 7471A	SO	Mercury	0.002		mg/kg		U	bl	0.020			
SA183-33B	K0806275	SW 846 6010B	SO	Tin	3.4	10.9	mg/kg		U	bl	3.0			
SA183-33B	K0806275	SW 846 7471A	SO	Mercury	0.004		mg/kg		U	bl	0.020			
RSAI7-0.5B	K0806357	SW 846 6010B	SO	Tin	3	11.9	mg/kg		U	bl	3.1			
RSAI7-0.5B	K0806357	SW 846 6020	SO	Tungsten	0.18	0.24	mg/kg		UJ	bl,m	0.06			
RSAI7-0.5B	K0806357	SW 846 7471A	SO	Mercury	0.013		mg/kg		U	bl	0.009			
RSAI7-10B	K0806357	SW 846 6010B	SO	Tin	3.1	10.8	mg/kg		U	bl	3.1			
RSAI7-10B	K0806357	SW 846 6020	SO	Tungsten	0.19	0.22	mg/kg		UJ	bl,m	0.10			
RSAI7-10B	K0806357	SW 846 7471A	SO	Mercury	0.008		mg/kg		U	bl	0.009			
RSAI7-20B	K0806357	SW 846 6010B	SO	Tin	3.2	10.3	mg/kg		U	bl	3.0			
RSAI7-20B	K0806357	SW 846 6020	SO	Tungsten	0.14	0.21	mg/kg		UJ	bl,m	0.10-0.11			
RSAI7-30B	K0806357	SW 846 6010B	SO	Tin	3.4	11	mg/kg		U	bl	3.0			
RSAI7-32B	K0806357	SW 846 6010B	SO	Tin	2.9	10.7	mg/kg		U	bl	2.7			
RSAJ8-0.5B	K0806357	SW 846 6010B	SO	Tin	3.5	10.5	mg/kg		U	bl	3.1			
RSAJ8-10B	K0806357	SW 846 6010B	SO	Tin	3.1	10.8	mg/kg		U	bl	3.1			
RSAJ8-10B	K0806357	SW 846 6020	SO	Tungsten	0.1	0.22	mg/kg		UJ	bl,m	0.06			
RSAJ8-10B	K0806357	SW 846 7471A	SO	Mercury	0.009		mg/kg		U	bl	0.009			
RSAJ8-20B	K0806357	SW 846 6010B	SO	Tin	3.4	11.9	mg/kg		U	bl	3.1			
RSAJ8-20B	K0806357	SW 846 7471A	SO	Mercury	0.013		mg/kg		U	bl	0.009			
RSAJ8-30B	K0806357	SW 846 6010B	SO	Tin	3.1	10.3	mg/kg		U	bl	3.1			
RSAJ8-30B	K0806357	SW 846 6020	SO	Tungsten	0.2	0.21	mg/kg		UJ	bl,m	0.06			
RSAJ8-30B	K0806357	SW 846 7471A	SO	Mercury	0.005		mg/kg		U	bl	0.009			
RSAJ8-33B	K0806357	SW 846 6010B	SO	Tin	2.5	10.2	mg/kg		U	bl	3.1			
RSAJ8-33B	K0806357	SW 846 7471A	SO	Mercury	0.002		mg/kg		U	bl	0.009			
RSAK2-0.5B	K0806357	SW 846 6010B	SO	Tin	3	10	mg/kg		U	bl	3.1			
RSAK2-0.5B	K0806357	SW 846 7471A	SO	Mercury	0.018		mg/kg		U	bl	0.009			
RSAK2-10B	K0806357	SW 846 6010B	SO	Tin	3	10.5	mg/kg		U	bl	3.1			
RSAK2-10B	K0806357	SW 846 6020	SO	Tungsten	0.17	0.21	mg/kg		UJ	bl,m	0.06			
RSAK2-10B	K0806357	SW 846 7471A	SO	Mercury	0.007		mg/kg		U	bl	0.009			
RSAK2-20B	K0806357	SW 846 6010B	SO	Tin	3	10.6	mg/kg		U	bl	3.1			
RSAK2-20B	K0806357	SW 846 6020	SO	Tungsten	0.16	0.21	mg/kg		UJ	bl,m	0.06			
RSAK2-20B	K0806357	SW 846 7471A	SO	Mercury	0.008		mg/kg		U	bl	0.009			
RSAK2-20BD	K0806357	SW 846 6010B	SO	Tin	3	10.7	mg/kg		U	bl	3.1			
RSAK2-20BD	K0806357	SW 846 6020	SO	Tungsten	0.13	0.21	mg/kg		UJ	bl,m	0.06			
RSAK2-20BD	K0806357	SW 846 7471A	SO	Mercury	0.006		mg/kg		U	bl	0.009			
RSAK2-30B	K0806357	SW 846 6010B	SO	Tin	3.2	10.6	mg/kg		U	bl	3.1			
RSAK2-30B	K0806357	SW 846 6020	SO	Tungsten	0.2	0.21	mg/kg		UJ	bl,m	0.06			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAK2-30B	K0806357	SW 846 7471A	SO	Mercury	0.009		mg/kg		U	bl	0.009			
RSAK2-35B	K0806357	SW 846 6010B	SO	Tin	4.7	14.6	mg/kg		U	bl	3.1			
RSAK2-35B	K0806357	SW 846 6020	SO	Tungsten	0.13	0.21	mg/kg		UJ	bl,m	0.06			
RSAK2-35B	K0806357	SW 846 7471A	SO	Mercury	0.005		mg/kg		U	bl	0.009			
RSAL2-0.5B	K0806357	SW 846 6010B	SO	Tin	2.9	10.1	mg/kg		U	bl	3.1			
RSAL2-10B	K0806357	SW 846 6010B	SO	Tin	3.1	10.7	mg/kg		U	bl	3.1			
RSAL2-10B	K0806357	SW 846 6020	SO	Tungsten	0.17	0.21	mg/kg		UJ	bl,m	0.06			
RSAL2-10B	K0806357	SW 846 7471A	SO	Mercury	0.005		mg/kg		U	bl	0.009			
RSAL2-20B	K0806357	SW 846 6010B	SO	Tin	3.4	11.3	mg/kg		U	bl	3.1			
RSAL2-20B	K0806357	SW 846 7471A	SO	Mercury	0.012		mg/kg		U	bl	0.009			
RSAL2-20BD	K0806357	SW 846 6010B	SO	Tin	3.4	11.1	mg/kg		U	bl	3.1			
RSAL2-20BD	K0806357	SW 846 7471A	SO	Mercury	0.01		mg/kg		U	bl	0.009			
RSAL2-30B	K0806357	SW 846 6010B	SO	Tin	3.5	10.8	mg/kg		U	bl	3.1			
RSAL2-30B	K0806357	SW 846 6020	SO	Tungsten	0.18	0.22	mg/kg		UJ	bl,m	0.06			
RSAL2-30B	K0806357	SW 846 7471A	SO	Mercury	0.008		mg/kg		U	bl	0.009			
RSAL2-37B	K0806357	SW 846 6010B	SO	Tin	3.3	10.7	mg/kg		U	bl	3.1			
RSAL2-37B	K0806357	SW 846 7471A	SO	Mercury	0.008		mg/kg		U	bl	0.009			
RSAL2-40B	K0806357	SW 846 6010B	SO	Tin	3.2	10.3	mg/kg		U	bl	3.1			
RSAL2-40B	K0806357	SW 846 6020	SO	Tungsten	0.19	0.21	mg/kg		UJ	bl,m	0.06			
RSAL2-40B	K0806357	SW 846 7471A	SO	Mercury	0.005		mg/kg		U	bl	0.009			
RSAJ7-0.5B	K0806358	SW 846 6010B	SO	Tin	3.7	10.7	mg/kg		U	bl	3.0			
RSAJ7-10B	K0806358	SW 846 6010B	SO	Tin	3	10.6	mg/kg		U	bl	3.0			
RSAJ7-10B	K0806358	SW 846 6020	SO	Tungsten	0.17	0.21	mg/kg		UJ	bl,m	0.10			
RSAJ7-20B	K0806358	SW 846 6010B	SO	Tin	3	10.4	mg/kg		U	bl	3.0			
RSK7-0.5B	K0806358	SW 846 6010B	SO	Tin	3.8	11	mg/kg		U	bl	3.0			
RSK7-10B	K0806358	SW 846 6010B	SO	Tin	3.5	12.1	mg/kg		U	bl	3.0			
RSK7-10BD	K0806358	SW 846 6010B	SO	Tin	3	10.8	mg/kg		U	bl	3.0			
RSK7-20B	K0806358	SW 846 6010B	SO	Tin	3.2	10.7	mg/kg		U	bl	3.0			
RSK7-27B	K0806358	SW 846 6010B	SO	Tin	3.5	11.2	mg/kg		U	bl	3.0			
SA46-0.5B	K0806358	SW 846 6010B	SO	Boron	3.9	4.8	mg/kg		U	bl	8.0			
SA46-0.5B	K0806358	SW 846 6010B	SO	Tin	3.7	11.9	mg/kg		U	bl	3.0			
SA46-0.5B	K0806358	SW 846 6020	SO	Tungsten	0.22	0.24	mg/kg		UJ	bl,m	0.09-0.11			
SA46-10B	K0806358	SW 846 6010B	SO	Tin	2.9	10.4	mg/kg		U	bl	3.0			
SA46-20B	K0806358	SW 846 6010B	SO	Tin	3.6	11.7	mg/kg		U	bl	3.0			
SA46-30B	K0806358	SW 846 6010B	SO	Tin	3.6	11.9	mg/kg		U	bl	3.0			
SA46-30BD	K0806358	SW 846 6010B	SO	Tin	3.8	11.5	mg/kg		U	bl	3.0			
SA48-0.5B	K0806358	SW 846 6010B	SO	Tin	6	11.2	mg/kg		U	bl	3.0			
SA48-10B	K0806358	SW 846 6010B	SO	Tin	3.8	12.2	mg/kg		U	bl	3.0			
SA48-10B	K0806358	SW 846 6020	SO	Tungsten	0.15	0.24	mg/kg		UJ	bl,m	0.09-0.11			
SA48-20B	K0806358	SW 846 6010B	SO	Tin	3.2	11.4	mg/kg		U	bl	3.0			
SA48-30B	K0806358	SW 846 6010B	SO	Tin	3.5	10.9	mg/kg		U	bl	3.0			
SA48-30B	K0806358	SW 846 6020	SO	Tungsten	0.17	0.21	mg/kg		UJ	bl,m	0.11			
SA48-35B	K0806358	SW 846 6010B	SO	Tin	3.6	10.5	mg/kg		U	bl	3.0			
SA48-35B	K0806358	SW 846 6020	SO	Tungsten	0.18	0.22	mg/kg		UJ	bl,m	0.11			
SA180-0.5B	R2844666	SW 846 8270C	SO	Butyl benzyl phthalate	65		ug/kg		U	bl	9.0			
SA180-10B	R2844666	SW 846 8270C	SO	Butyl benzyl phthalate	15		ug/kg		U	bl	9.0			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA180-20B	R2844666	SW 846 8270C	SO	Butyl benzyl phthalate	41		ug/kg		U	bl	9.0			
SA57-0.5B	R2844666	SW 846 8260B	SO	Acetone	6.2		ug/kg		UJ	bl,c	3.3			
SA57-10B	R2844666	SW 846 8270C	SO	Phenanthrene	9.0		ug/kg		U	bl	1.8			
SA57-10BD	R2844666	SW 846 8270C	SO	Phenanthrene	5.8		ug/kg		U	bl	1.8			
SA57-20B	R2844666	SW 846 8270C	SO	Butyl benzyl phthalate	43		ug/kg		U	bl	9.0			
SA57-30B	R2844666	SW 846 8270C	SO	Butyl benzyl phthalate	73		ug/kg		U	bl	9.0			
SA181-0.5B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	140		ug/kg		U	bl	460			
SA181-10B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	170		ug/kg		U	bl	460			
SA181-20B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	360		ug/kg		U	bl	460			
SA181-30B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	130		ug/kg		U	bl	460			
SA181-35B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	63		ug/kg		U	bl	460			
SA207-20B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	66		ug/kg		U	bl	460			
SA207-30B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	430		ug/kg		U	bl	460			
SA207-40B	R2844797	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	340		ug/kg		U	bl	460			
RSAN2-0.5B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110		ug/kg		UJ	bl,l	360			
RSAN2-0.5B	R2844862	SW 846 8270C	SO	Phenanthrene	2.2		ug/kg		U	bl	1.2			
RSAN2-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110		ug/kg		UJ	bl,m,l,ld	360			
RSAN2-10B	R2844862	SW 846 8270C	SO	Phenanthrene	2.2		ug/kg		U	bl	1.2			
RSAN2-20B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	100		ug/kg		UJ	bl,l	360			
RSAN2-20B	R2844862	SW 846 8270C	SO	Phenanthrene	2.2		ug/kg		U	bl	1.2			
SA183-0.5B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	240		ug/kg		UJ	bl,l	360			
SA183-0.5B	R2844862	SW 846 8270C	SO	Phenanthrene	1.5		ug/kg		U	bl	1.2			
SA47-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	140		ug/kg		UJ	bl,l	360			
SA47-20B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	340		ug/kg		UJ	bl,l	360			
SA47-20B	R2844862	SW 846 8270C	SO	Phenanthrene	2.4		ug/kg		U	bl	1.2			
SA47-30B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	430		ug/kg		UJ	bl,l	360			
SA47-35B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	140		ug/kg		UJ	bl,l	360			
SA47-35B	R2844862	SW 846 8270C	SO	Phenanthrene	2.3		ug/kg		U	bl	1.2			
SA67-0.5B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110		ug/kg		UJ	bl,l	360			
SA67-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	240		ug/kg		UJ	bl,l	360			
SA67-10B	R2844862	SW 846 8270C	SO	Phenanthrene	1.3		ug/kg		U	bl	1.2			
SA67-20B	R2844862	SW 846 8270C	SO	Phenanthrene	2.0		ug/kg		U	bl	1.2			
SA67-30B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	380		ug/kg		UJ	bl,l	360			
SA67-30B	R2844862	SW 846 8270C	SO	Phenanthrene	2.3		ug/kg		U	bl	1.2			
SA67-35B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	210		ug/kg		UJ	bl,l	360			
RSA04-0.5B	R2844885	SW 846 8260B	SO	Methylene chloride	0.51		ug/kg		U	bl	0.39			
RSA04-10B	R2844885	SW 846 8260B	SO	Methylene chloride	0.46		ug/kg		U	bl	0.39			
RSA04-10B	R2844885	SW 846 8270C	SO	Diethyl phthalate	7.2		ug/kg		U	bl	3.8			
RSA04-10B	R2844885	SW 846 8270C	SO	Phenanthrene	2.1		ug/kg		U	bl	1.5			
RSA04-20B	R2844885	SW 846 8270C	SO	Diethyl phthalate	7.6		ug/kg		U	bl	3.8			
RSA04-20B	R2844885	SW 846 8270C	SO	Phenanthrene	2.5		ug/kg		U	bl	1.5			
RSA04-30B	R2844885	SW 846 8270C	SO	Diethyl phthalate	11		ug/kg		U	bl	3.8			
RSA04-36B	R2844885	SW 846 8270C	SO	Diethyl phthalate	9.6		ug/kg		U	bl	3.8			
RSAN2-30B	R2844885	SW 846 8270C	SO	Diethyl phthalate	9.6		ug/kg		U	bl	3.8			
RSAN2-30B	R2844885	SW 846 8270C	SO	Phenanthrene	3.0		ug/kg		U	bl	1.5			
RSAN2-30BD	R2844885	SW 846 8270C	SO	Diethyl phthalate	11		ug/kg		U	bl	3.8			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-35B	R2844885	SW 846 8270C	SO	Phenanthrene	2.4		ug/kg		U	bl	1.5			
RSOA2-0.5B	R2844885	SW 846 8270C	SO	Diethyl phthalate	9.3		ug/kg		U	bl	3.8			
RSOA2-0.5B	R2844885	SW 846 8270C	SO	Phenanthrene	2.9		ug/kg		U	bl	1.5			
RSOA2-10B	R2844885	SW 846 8260B	SO	Methylene chloride	0.63		ug/kg		U	bl	0.39			
RSOA2-10B	R2844885	SW 846 8270C	SO	Diethyl phthalate	8.8		ug/kg		U	bl	3.8			
RSOA2-10B	R2844885	SW 846 8270C	SO	Phenanthrene	2.9		ug/kg		U	bl	1.5			
RSOA2-20B	R2844885	SW 846 8260B	SO	Methylene chloride	0.78		ug/kg		U	bl	0.39			
RSOA2-20B	R2844885	SW 846 8270C	SO	Phenanthrene	2.5		ug/kg		U	bl	1.5			
RSOA2-20BD	R2844885	SW 846 8270C	SO	Diethyl phthalate	4.5		ug/kg		U	bl	3.8			
RSOA2-20BD	R2844885	SW 846 8270C	SO	Phenanthrene	2.3		ug/kg		U	bl	1.5			
RSOA2-30B	R2844885	SW 846 8270C	SO	Diethyl phthalate	15		ug/kg		U	bl	3.8			
RSOA2-33B	R2844885	SW 846 8270C	SO	Diethyl phthalate	8.7		ug/kg		U	bl	3.8			
RSOA2-33B	R2844885	SW 846 8270C	SO	Phenanthrene	2.9		ug/kg		U	bl	1.5			
SA183-10B	R2844885	SW 846 8270C	SO	Diethyl phthalate	8.8		ug/kg		U	bl	3.8			
SA183-10BD	R2844885	SW 846 8270C	SO	Diethyl phthalate	6.2		ug/kg		U	bl	3.8			
SA183-10BD	R2844885	SW 846 8270C	SO	Phenanthrene	2.5		ug/kg		U	bl	1.5			
SA183-20B	R2844885	SW 846 8260B	SO	Methylene chloride	0.73		ug/kg		U	bl	0.39			
SA183-20B	R2844885	SW 846 8270C	SO	Diethyl phthalate	6.5		ug/kg		U	bl	3.8			
SA183-20B	R2844885	SW 846 8270C	SO	Phenanthrene	2.6		ug/kg		U	bl	1.5			
SA183-30B	R2844885	SW 846 8270C	SO	Diethyl phthalate	8.4		ug/kg		U	bl	3.8			
SA183-33B	R2844885	SW 846 8260B	SO	Methylene chloride	0.78		ug/kg		U	bl	0.39			
SA183-33B	R2844885	SW 846 8270C	SO	Diethyl phthalate	14		ug/kg		U	bl	3.8			
RSAJ7-0.5B	R2844902	SW 846 8270C	SO	Phenanthrene	25		ug/kg		U	bl	1.5-1.6			
RSAJ7-20B	R2844902	SW 846 8270C	SO	Diethyl phthalate	6.0		ug/kg		U	bl	6.4			
RSAJ7-20B	R2844902	SW 846 8270C	SO	Phenanthrene	2.1		ug/kg		U	bl	1.5-1.6			
RSAK7-10B	R2844902	SW 846 8270C	SO	Phenanthrene	1.5		ug/kg		U	bl	1.5-1.6			
RSAK7-10BD	R2844902	SW 846 8270C	SO	Diethyl phthalate	5.5		ug/kg		U	bl	6.4			
RSAK7-10BD	R2844902	SW 846 8270C	SO	Phenanthrene	1.7		ug/kg		U	bl	1.5-1.6			
RSAK7-20B	R2844902	SW 846 8270C	SO	Diethyl phthalate	6.4		ug/kg		U	bl	6.4			
RSAK7-20B	R2844902	SW 846 8270C	SO	Phenanthrene	1.8		ug/kg		U	bl	1.5-1.6			
RSAK7-27B	R2844902	SW 846 8270C	SO	Phenanthrene	2.3		ug/kg		U	bl	1.5-1.6			
SA46-0.5B	R2844902	SW 846 8270C	SO	Diethyl phthalate	7.5		ug/kg		U	bl	6.4			
SA46-0.5B	R2844902	SW 846 8270C	SO	Phenanthrene	2.5		ug/kg		U	bl	1.5-1.6			
SA46-10B	R2844902	SW 846 8270C	SO	Diethyl phthalate	9.0		ug/kg		U	bl	6.4			
SA46-10B	R2844902	SW 846 8270C	SO	Phenanthrene	2.3		ug/kg		U	bl	1.5-1.6			
SA46-20B	R2844902	SW 846 8270C	SO	Diethyl phthalate	8.1		ug/kg		U	bl	6.4			
SA46-20B	R2844902	SW 846 8270C	SO	Phenanthrene	2.6		ug/kg		U	bl	1.5-1.6			
SA46-30B	R2844902	SW 846 8270C	SO	Diethyl phthalate	15		ug/kg		U	bl	6.4			
SA46-30B	R2844902	SW 846 8270C	SO	Phenanthrene	3.2		ug/kg		U	bl	1.5-1.6			
SA46-30BD	R2844902	SW 846 8270C	SO	Phenanthrene	2.1		ug/kg		U	bl	1.5-1.6			
SA48-10B	R2844902	SW 846 8270C	SO	Diethyl phthalate	4.7		ug/kg		U	bl	6.4			
SA48-10B	R2844902	SW 846 8270C	SO	Phenanthrene	1.8		ug/kg		U	bl	1.5-1.6			
SA48-30B	R2844902	SW 846 8270C	SO	Diethyl phthalate	7.1		ug/kg		U	bl	6.4			
SA48-30B	R2844902	SW 846 8270C	SO	Phenanthrene	2.0		ug/kg		U	bl	1.5-1.6			
SA48-35B	R2844902	SW 846 8270C	SO	Diethyl phthalate	11		ug/kg		U	bl	6.4			
SA48-35B	R2844902	SW 846 8270C	SO	Phenanthrene	2.5		ug/kg		U	bl	1.5-1.6			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAI7-32B	R2844922	SW 846 8260B	SO	Acetone	11		ug/kg		UJ	h,bl	12			
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Acetone	13		ug/kg		UJ	h,bl	12			
RSAI7-0.5B	R2844922	SW 846 8260B	SO	Methylene chloride	0.71		ug/kg		UJ	h,bl	0.31			
RSAI7-0.5B	R2844922	SW 846 8270C	SO	Phenanthrene	1.4		ug/kg		U	bl	1.4			
RSAI7-10B	R2844922	SW 846 8270C	SO	Phenanthrene	2.1		ug/kg		U	bl	1.4			
RSAJ8-10B	R2844922	SW 846 8270C	SO	Phenanthrene	1.6		ug/kg		U	bl	1.4			
RSAJ8-20B	R2844922	SW 846 8270C	SO	Phenanthrene	1.9		ug/kg		U	bl	1.4			
RSAJ8-30B	R2844922	SW 846 8270C	SO	Phenanthrene	2.0		ug/kg		UJ	p,bl	1.4			
RSAJ8-33B	R2844922	SW 846 8270C	SO	Phenanthrene	1.5		ug/kg		U	bl	1.4			
RS AK2-0.5B	R2844922	SW 846 8260B	SO	Acetone	3.2		ug/kg		UJ	h,bl,bt	12	1.7		
RS AK2-0.5B	R2844922	SW 846 8260B	SO	Methylene chloride	0.40		ug/kg		UJ	h,bl	0.31			
RS AK2-0.5B	R2844922	SW 846 8270C	SO	Phenanthrene	8.7		ug/kg		U	bl	1.4			
RS AK2-20B	R2844922	SW 846 8270C	SO	Phenanthrene	10		ug/kg		U	bl	1.4			
RS AK2-20BD	R2844922	SW 846 8260B	SO	Acetone	15		ug/kg		UJ	h,bl	12			
RS AK2-20BD	R2844922	SW 846 8260B	SO	Methylene chloride	0.36		ug/kg		UJ	h,bl	0.31			
RSAL2-0.5B	R2844922	SW 846 8270C	SO	Phenanthrene	7.7		ug/kg		U	bl	1.4			
RSAL2-20BD	R2844922	SW 846 8260B	SO	Methylene chloride	0.38		ug/kg		UJ	h,bl	0.31			
RSAL2-30B	R2844922	SW 846 8260B	SO	Acetone	11		ug/kg		UJ	h,bl	12			
RSAL2-30B	R2844922	SW 846 8260B	SO	Methylene chloride	0.89		ug/kg		UJ	h,bl	0.31			
RSAL2-37B	R2844922	SW 846 8260B	SO	Methylene chloride	0.51		ug/kg		UJ	h,bl	0.31			
RSAL2-37B	R2844922	SW 846 8270C	SO	Phenanthrene	16		ug/kg		U	bl	1.4			
RSAL2-40B	R2844922	SW 846 8260B	SO	Acetone	14		ug/kg		UJ	h,bl	12			
RSAL2-40B	R2844922	SW 846 8260B	SO	Methylene chloride	0.53		ug/kg		UJ	h,bl	0.31			
RS AI7-10B	R2845025	SW 846 8260B	W	Acetone	18		ug/l		UJ	bl,h	2.3			
RS AI7-10B	R2845025	SW 846 8260B	W	Methylene chloride	2.8		ug/l		UJ	bl,h	0.20-0.37			
RS AI7-10B	R2845025	SW 846 8270C	W	bis(2-Ethylhexyl)phthalate	3.0		ug/l		UJ	h,bl	0.28-0.85			
RS AI7-10B	R2845025	SW 846 8270C	W	bis(2-Ethylhexyl)phthalate	0.98		ug/l		UJ	h,bl	0.28-0.85			
RS AI7-10B	R2845025	SW 846 8270C	W	Butyl benzyl phthalate	0.30		ug/l		UJ	h,bl	0.28-0.35			
RS AI7-10B	R2845025	SW 846 8270C	W	Butyl benzyl phthalate	0.33		ug/l		UJ	h,bl	0.28-0.35			
RS AI7-10B	R2845025	SW 846 8270C	W	Diethyl phthalate	0.39		ug/l		UJ	h,bl	0.14-0.15			
RS AI7-10B	R2845025	SW 846 8270C	W	Diethyl phthalate	0.33		ug/l		UJ	h,bl	0.14-0.15			
RS AI7-10B	R2845025	SW 846 8270C	W	Naphthalene	0.051		ug/l		UJ	h,bl	0.060			
RS AI7-10B	R2845025	SW 846 8270C	W	Naphthalene	0.053		ug/l		UJ	h,bl	0.060			
RS AI7-10B	R2845025	SW 846 9056	W	Nitrate (as N)	0.335		mg/l		J+	bl	0.113			
RS AK4009-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.433	0.5	pCi/g		UJ	bl,ld	0.304			
RSAL7-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.447	0.5	pCi/g		UJ	bl,ld	0.304			
SA166-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.254	0.5	pCi/g		UJ	bl,ld	0.304			
RSAM4-0.5B	232860	EPA 903.1 mod	SO	Ra-226	0.254	0.50	pCi/g		UJ	be,ld			0.409 pCi/L	
RSAN3-0.5B	233107	EPA 903.1 mod	SO	Ra-226	0.372	0.50	pCi/g		U	be			0.409 pCi/L	
RSAN3-0.5B	233107	HASL-300	SO	U-235	0.0338	0.04	pCi/g		U	be			0.0162 pCi/L	
SA74-0.5B	233309	HASL-300	SO	U-235	0.0383	0.04	pCi/g		U	be			0.00845 pCi/L	
RS AJ3-29BSPLP	233415	HASL-300 U MOD	W	U-235	0.0225	0.03	pCi/L		U	bl	0.00713			
SA166-10BSPLP	233415	HASL-300 U MOD	W	U-235	0.026	0.03	pCi/L		U	bl	0.00713			
SA182-10BSPLP	233415	HASL-300 U MOD	W	U-235	0.0158	0.03	pCi/L		U	bl	0.00713			
SA56-10BSPLP	233415	HASL-300 U MOD	W	U-235	0.0125	0.03	pCi/L		U	bl	0.00713			
RSAL8-10B	233587	EPA 903.1 mod	SO	Ra-226	0.342	0.50	pCi/g		U	be			0.734 pCi/L	

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSA12-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.52	0.53	mg/kg	J	U	bl,bf	0.05 mg/kg 0.0074 mg/l			0.191 mg/l
RSA12-0.5B	R0903051	SM 5540C	SO	MBAS	0.9	2.1	mg/kg	BJ	U	bl,bf	1.3			0.159 mg/l
RSA12-0.5B	R0903051	SW 846 9056	SO	Chloride	19	21	mg/kg	BJ	U	bl,bf	9 mg/kg 0.098 mg/l			9.7 mg/l
RSA12-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	5.6	5.6	mg/kg	B	J+	bf				1.76 mg/l
RSA12-0.5B	R0903051	SW 846 9056	SO	Sulfate	17	21	mg/kg	J	U	bf				5.5 mg/l
RSA12-0.5B	R0903051	SW6010	SO	Boron	9	10.5	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
RSA12-0.5B	R0903051	SW6010	SO	Tin	3.6	10.6	mg/kg	B	U	bl	3.5			
RSAI3-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	1.05	1.05	mg/kg		J+	bf				0.191 mg/l
RSAI3-0.5B	R0903051	SM 5540C	SO	MBAS	1.2	2.1	mg/kg	BJ	U	bl,bf	1.3			0.159 mg/l
RSAI3-0.5B	R0903051	SW 846 9056	SO	Chloride	67	67	mg/kg	B	J+	bf				9.7 mg/l
RSAI3-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	8.3	8.3	mg/kg	B	J+	bf				1.76 mg/l
RSAI3-0.5B	R0903051	SW 846 9056	SO	Sulfate	51	51	mg/kg		J+	bf				5.5 mg/l
RSAI3-0.5B	R0903051	SW6010	SO	Boron	5.7	10.3	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
RSAI3-0.5B	R0903051	SW6010	SO	Tin	3.5	10.3	mg/kg	B	U	bl	3.5			
RSAJ2-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	2.49	2.49	mg/kg		J+	bf				0.191 mg/l
RSAJ2-0.5B	R0903051	SW 846 8260B	SO	Acetone	6.3	6.3	ug/kg	J	U	bf				3.7 ug/l
RSAJ2-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	26.6	26.6	mg/kg		J+	bf				1.76 mg/l
RSAJ2-0.5B	R0903051	SW6010	SO	Tin	8.2	11.0	mg/kg	B	U	bl	3.5			
RSAJ3-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	4.22	4.22	mg/kg		J+	bf				0.191 mg/l
RSAJ3-0.5B	R0903051	SW 846 8260B	SO	Methylene chloride	0.85	0.85	ug/kg	J	U	bt		0.46 ug/l		
RSAJ3-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	14.4	14.4	mg/kg		J+	bf				1.76 mg/l
RSAJ3-0.5B	R0903051	SW6010	SO	Tin	4.5	11.3	mg/kg	B	U	bl	3.5			
RSAJ5-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.59	0.59	mg/kg		J+	bf				0.191 mg/l
RSAJ5-0.5B	R0903051	SW 846 9056	SO	Chloride	55	55	mg/kg		J+	bf				9.7 mg/l
RSAJ5-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	7.5	7.5	mg/kg	B	J+	bf				1.76 mg/l
RSAJ5-0.5B	R0903051	SW 846 9056	SO	Sulfate	236	236	mg/kg		J+	bf				5.5 mg/l
RSAJ5-0.5B	R0903051	SW6010	SO	Tin	4.1	11.0	mg/kg	B	U	bl	3.5			
RSAK5-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.47	0.54	mg/kg	BJ	U	bl,bf	0.05mg/kg, 0.0074mg/l			0.191 mg/l
RSAK5-0.5B	R0903051	SM 5540C	SO	MBAS	2.2	2.2	mg/kg	B	J+	bf				0.159 mg/l
RSAK5-0.5B	R0903051	SW 846 8260B	SO	Acetone	5.9	5.9	ug/kg	J	U	bf				3.7 ug/l
RSAK5-0.5B	R0903051	SW 846 9056	SO	Chloride	164	164	mg/kg		J+	bf				9.7 mg/l
RSAK5-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	11.1	11.1	mg/kg	B	J+	bf				1.76 mg/l
RSAK5-0.5B	R0903051	SW 846 9056	SO	Sulfate	438	438	mg/kg		J+	bf				5.5 mg/l
RSAK5-0.5B	R0903051	SW6010	SO	Boron	8.4	10.6	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
RSAK5-0.5B	R0903051	SW6010	SO	Tin	4.3	10.8	mg/kg	B	U	bl	3.5			
RSAL3-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.17	0.52	mg/kg	BJ	U	bl,bf	0.05			0.191 mg/l
RSAL3-0.5B	R0903051	SM 5540C	SO	MBAS	1.4	2.1	mg/kg	BJ	U	bl,bf	1.3			0.159 mg/l
RSAL3-0.5B	R0903051	SW 846 8260B	SO	Acetone	7.2	7.2	ug/kg	J	U	bf				3.7 ug/l
RSAL3-0.5B	R0903051	SW 846 9056	SO	Chloride	24	24	mg/kg	B	J+	bf				9.7 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAL3-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	7.6	7.6	mg/kg		J+	bf				1.76 mg/l
RSAL3-0.5B	R0903051	SW 846 9056	SO	Sulfate	66	66	mg/kg		J+	bf				5.5 mg/l
RSAL3-0.5B	R0903051	SW6010	SO	Tin	3.9	10.4	mg/kg	B	U	bl	3.5			
RSAM2-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.37	0.52	mg/kg	BJ	U	bl,bf	0.05			0.191 mg/l
RSAM2-0.5B	R0903051	SW 846 8270C	SO	Di-N-Butyl phthalate	69	69	ug/kg	BJ	U	bl	33			
RSAM2-0.5B	R0903051	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	5.08	5.08	ng/kg	B	U	bl	3.26			
RSAM2-0.5B	R0903051	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.94	1.94	ng/kg	BJ	U	bl	0.449			
RSAM2-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	14.0	14.0	mg/kg	B	J+	bf				1.76 mg/l
RSAM2-0.5B	R0903051	SW 846 9056	SO	Sulfate	298	298	mg/kg		J+	bf				5.5 mg/l
RSAM2-0.5B	R0903051	SW6010	SO	Boron	3.8	10.3	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
RSAM2-0.5B	R0903051	SW6010	SO	Tin	3.4	10.2	mg/kg	B	U	bl	3.5			
RSAM3-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	1.72	1.72	mg/kg		J+	bf				0.191 mg/l
RSAM3-0.5B	R0903051	SW 846 8270C	SO	Di-N-Butyl phthalate	40	40	ug/kg	BJ	U	bl	33			
RSAM3-0.5B	R0903051	SW 846 9056	SO	Chloride	756	756	mg/kg		J+	bf				9.7 mg/l
RSAM3-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	6.3	6.3	mg/kg	B	J+	bf				1.76 mg/l
RSAM3-0.5B	R0903051	SW 846 9056	SO	Sulfate	48	48	mg/kg		J+	bf				5.5 mg/l
RSAM3-0.5B	R0903051	SW6010	SO	Boron	4.2	10.4	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
RSAM3-0.5B	R0903051	SW6010	SO	Tin	3.7	10.3	mg/kg	B	U	bl	3.5			
SA100-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.33	0.51	mg/kg	BJ	U	bl,bf	0.05			0.191 mg/l
SA100-0.5B	R0903051	SM 5540C	SO	MBAS	2.4	2.4	mg/kg	B	J+	bf				0.159 mg/l
SA100-0.5B	R0903051	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-di	14.3	14.3	ng/kg	B	U	bl	3.26			
SA100-0.5B	R0903051	SW 846 9056	SO	Chloride	30	30	mg/kg	B	J+	bf				9.7 mg/l
SA100-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	8.7	8.7	mg/kg		J+	bf				1.76 mg/l
SA100-0.5B	R0903051	SW 846 9056	SO	Sulfate	46	46	mg/kg		J+	bf				5.5 mg/l
SA100-0.5B	R0903051	SW6010	SO	Boron	3.7	10.1	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
SA100-0.5B	R0903051	SW6010	SO	Tin	3.5	10.1	mg/kg	B	U	bl	3.5			
SA152-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.06	0.52	mg/kg	J	U	bl,bf	0.0051 mg/l			0.191 mg/l
SA152-0.5B	R0903051	SW 846 8270C	SO	Naphthalene	1.4	1.4	ug/kg	BJ	U	bl	1.7			
SA152-0.5B	R0903051	SW 846 9056	SO	Chloride	5.8	5.8	mg/kg	B	J+	bf				9.7 mg/l
SA152-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	2.85	2.85	mg/kg		J+	bf				1.76 mg/l
SA152-0.5B	R0903051	SW 846 9056	SO	Sulfate	26.9	26.9	mg/kg		J+	bf				5.5 mg/l
SA152-0.5B	R0903051	SW6010	SO	Boron	4.4	10.5	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
SA152-0.5B	R0903051	SW6010	SO	Tin	3.6	10.3	mg/kg	B	U	bl	3.5			
SA152009-0.5B	R0903051	SW 846 8260B	SO	Acetone	5.1	5.1	ug/kg	J	U	bf				3.7 ug/l
SA152009-0.5B	R0903051	SW 846 8270C	SO	Di-N-Butyl phthalate	39	39	ug/kg	BJ	U	bl	63			
SA152009-0.5B	R0903051	SW 846 9056	SO	Chloride	6.4	6.4	mg/kg	B	J+	bf				9.7 mg/l
SA152009-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	3.18	3.18	mg/kg		J+	bf				1.76 mg/l
SA152009-0.5B	R0903051	SW 846 9056	SO	Sulfate	33.1	33.1	mg/kg		J+	bf				5.5 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA152009-0.5B	R0903051	SW6010	SO	Boron	4.1	10.3	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
SA152009-0.5B	R0903051	SW6010	SO	Tin	3.8	10.2	mg/kg	B	U	bl	3.5			
SA189-0.5B	R0903051	SW 846 8260B	SO	Acetone	7.1	7.1	ug/kg	J	U	bf				3.7 ug/l
SA189-0.5B	R0903051	SW 846 8270C	SO	Di-N-Butyl phthalate	120	120	ug/kg	BJ	U	bl	63			
SA189-0.5B	R0903051	SW 846 8270C	SO	Naphthalene	1.4	1.4	ug/kg	BJ	U	bl	1.7			
SA189-0.5B	R0903051	SW 846 9056	SO	Chloride	879	879	mg/kg		J+	bf				9.7 mg/l
SA189-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	14.2	14.2	mg/kg		J+	bf				1.76 mg/l
SA189-0.5B	R0903051	SW 846 9056	SO	Sulfate	67.0	67.0	mg/kg		J+	bf				5.5 mg/l
SA189-0.5B	R0903051	SW6010	SO	Boron	6	10.4	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
SA189-0.5B	R0903051	SW6010	SO	Tin	3.9	10.5	mg/kg	B	U	bl	3.5			
SA202-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.16	0.53	mg/kg	J	U	bl,bf	0.0051 mg/l			0.191 mg/l
SA202-0.5B	R0903051	SM 5540C	SO	MBAS	1.3	2.1	mg/kg	J	U	bf				0.159 mg/l
SA202-0.5B	R0903051	SW 846 8260B	SO	Acetone	2.8	2.8	ug/kg	J	U	bf				3.7 ug/l
SA202-0.5B	R0903051	SW 846 8260B	SO	Methylene chloride	0.60	0.60	ug/kg	J	U	bt		0.46 ug/l		
SA202-0.5B	R0903051	SW 846 8270C	SO	Di-N-Butyl phthalate	89	89	ug/kg	BJ	U	bl	63			
SA202-0.5B	R0903051	SW 846 8270C	SO	Naphthalene	1.4	1.4	ug/kg	BJ	U	bl	1.7			
SA202-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	14.1	14.1	mg/kg		J+	bf				1.76 mg/l
SA202-0.5B	R0903051	SW 846 9056	SO	Sulfate	396	396	mg/kg		J+	bf				5.5 mg/l
SA202-0.5B	R0903051	SW6010	SO	Boron	7.3	10.5	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
SA202-0.5B	R0903051	SW6010	SO	Tin	4.2	10.4	mg/kg	B	U	bl	3.5			
SA76-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.27	0.53	mg/kg	BJ	U	bl,bf	0.05			0.191 mg/l
SA76-0.5B	R0903051	SM 5540C	SO	MBAS	1.4	2.1	mg/kg	BJ	U	bl,bf	1.3			0.159 mg/l
SA76-0.5B	R0903051	SW 846 9056	SO	Chloride	655	655	mg/kg		J+	bf				9.7 mg/l
SA76-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	41.8	41.8	mg/kg	B	J+	bf				1.76 mg/l
SA76-0.5B	R0903051	SW6010	SO	Tin	4.3	10.5	mg/kg	B	U	bl	3.5			
SA76009-0.5B	R0903051	EPA 350.1	SO	Ammonia (as N)	0.49	0.54	mg/kg	BJ	U	bl,bf	0.05			0.191 mg/l
SA76009-0.5B	R0903051	SM 5540C	SO	MBAS	1.5	2.2	mg/kg	BJ	U	bl,bf	1.3			0.159 mg/l
SA76009-0.5B	R0903051	SW 846 9056	SO	Chloride	846	846	mg/kg		J+	bf				9.7 mg/l
SA76009-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	52.2	52.2	mg/kg		J+	bf				1.76 mg/l
SA76009-0.5B	R0903051	SW6010	SO	Tin	4	10.8	mg/kg	B	U	bl	3.5			
SA88-0.5B	R0903051	SM 5540C	SO	MBAS	0.9	2.1	mg/kg	J	UJ	c,bf				0.159 mg/l
SA88-0.5B	R0903051	SW 846 8260B	SO	Acetone	4.1	4.1	ug/kg	J	U	bf				3.7 ug/l
SA88-0.5B	R0903051	SW 846 9056	SO	Nitrate (as N)	29.2	29.2	mg/kg		J+	bf				1.76 mg/l
SA88-0.5B	R0903051	SW6010	SO	Boron	8	10.6	mg/kg	B	U	bl	0.5mg/kg, 6.0ug/l			
SA88-0.5B	R0903051	SW6010	SO	Tin	3.8	10.5	mg/kg	B	U	bl	3.5			
RSAJ6-0.5B	R0903184	SM 5540C	SO	MBAS	2.5	2.8	mg/kg		J	bf,m				0.159 mg/l
RSAJ6-0.5B	R0903184	SW 846 8260B	SO	Acetone	5.3	5.3	ug/kg	J	U	bf				3.7 ug/l
RSAJ6-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	34.7	34.7	mg/kg		J+	bf				1.76 mg/l
RSAJ6-0.5B	R0903184	SW6010	SO	Tin	4.4	10.5	mg/kg	B	U	bl	3.4			
RSAK4-0.5B	R0903184	SW 846 8260B	SO	Acetone	3.9	3.9	ug/kg	J	U	bf				3.7 ug/l
RSAK4-0.5B	R0903184	SW 846 8270C	SO	Naphthalene	1.0	1.0	ug/kg	BJ	U	bl	1.3			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAK4-0.5B	R0903184	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	527	527	ng/kg	B,D	U	bl	1.17			
RSAK4-0.5B	R0903184	SW 846 9056	SO	Chloride	15.1	15.1	mg/kg		J+	bf				9.7 mg/l
RSAK4-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	2.38	2.38	mg/kg	B	J+	bf				1.76 mg/l
RSAK4-0.5B	R0903184	SW 846 9056	SO	Sulfate	37.5	37.5	mg/kg		J+	bf				5.5 mg/l
RSAK4-0.5B	R0903184	SW6010	SO	Boron	5.5	10.2	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
RSAK4-0.5B	R0903184	SW6010	SO	Tin	4.2	10.2	mg/kg	B	U	bl	3.4			
RSAK4009-0.5B	R0903184	SW 846 8260B	SO	Acetone	5.0	5.0	ug/kg	BJ	U	bf				3.7 ug/l
RSAK4009-0.5B	R0903184	SW 846 9056	SO	Chloride	14.0	14.0	mg/kg		J+	bf				9.7 mg/l
RSAK4009-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	2.24	2.24	mg/kg	B	J+	bf				1.76 mg/l
RSAK4009-0.5B	R0903184	SW 846 9056	SO	Sulfate	36.9	36.9	mg/kg		J+	bf				5.5 mg/l
RSAK4009-0.5B	R0903184	SW6010	SO	Boron	5.3	10.1	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
RSAK4009-0.5B	R0903184	SW6010	SO	Tin	4	10.1	mg/kg	B	U	bl	3.4			
RSAK6-0.5B	R0903184	SM 5540C	SO	MBAS	0.8	2.1	mg/kg	J	U	bf,m				0.159 mg/l
RSAK6-0.5B	R0903184	SW 846 8260B	SO	Acetone	3.8	3.8	ug/kg	J	U	bt,bf		2.1 ug/l		3.7 ug/l
RSAK6-0.5B	R0903184	SW 846 8270C	SO	Di-N-Butyl phthalate	76	76	ug/kg	BJ	U	bl	43			
RSAK6-0.5B	R0903184	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	5.07	5.07	ng/kg	BJ	U	bl	1.17			
RSAK6-0.5B	R0903184	SW 846 9056	SO	Chloride	18.6	18.6	mg/kg		J+	bf				9.7 mg/l
RSAK6-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	5.27	5.27	mg/kg		J+	bf				1.76 mg/l
RSAK6-0.5B	R0903184	SW 846 9056	SO	Sulfate	162	162	mg/kg		J+	bf				5.5 mg/l
RSAK6-0.5B	R0903184	SW6010	SO	Boron	8.3	10.4	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
RSAK6-0.5B	R0903184	SW6010	SO	Tin	4.1	10.4	mg/kg	B	U	bl	3.4			
RSAL8-0.5B	R0903184	SW 846 8260B	SO	Acetone	4.4	4.4	ug/kg	J	U	bf				3.7 ug/l
RSAL8-0.5B	R0903184	SW 846 9056	SO	Chloride	37.2	37.2	mg/kg		J+	bf				9.7 mg/l
RSAL8-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	4.42	4.42	mg/kg	B	J+	bf				1.76 mg/l
RSAL8-0.5B	R0903184	SW6010	SO	Tin	4	10.4	mg/kg	B	U	bl	3.4			
RSAL7-0.5B	R0903184	SM 5540C	SO	MBAS	1.2	2.1	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAL7-0.5B	R0903184	SW 846 8260B	SO	Acetone	3.3	3.3	ug/kg	J	U	bt,bf		2.1 ug/l		3.7 ug/l
RSAL7-0.5B	R0903184	SW 846 8270C	SO	Di-N-Butyl phthalate	96	96	ug/kg	BJ	U	bl	43			
RSAL7-0.5B	R0903184	SW 846 8270C	SO	Naphthalene	1.0	1.0	ug/kg	BJ	U	bl	1.3			
RSAL7-0.5B	R0903184	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	3.92	3.92	ng/kg	BJ	U	bl	1.17			
RSAL7-0.5B	R0903184	SW 846 9056	SO	Chloride	5.0	5.0	mg/kg	B	J+	bf				9.7 mg/l
RSAL7-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	1.26	1.26	mg/kg	B	J+	bf				1.76 mg/l
RSAL7-0.5B	R0903184	SW 846 9056	SO	Sulfate	22.8	22.8	mg/kg		J+	bf				5.5 mg/l
RSAL7-0.5B	R0903184	SW6010	SO	Boron	4.5	10.2	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
RSAL7-0.5B	R0903184	SW6010	SO	Tin	3.7	10.2	mg/kg	B	U	bl	3.4			
RSAL8-0.5B	R0903184	SM 5540C	SO	MBAS	1.1	2.1	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAL8-0.5B	R0903184	SW 846 8260B	SO	Acetone	5.4	5.4	ug/kg	J	U	bf				3.7 ug/l
RSAL8-0.5B	R0903184	SW 846 8270C	SO	Di-N-Butyl phthalate	69	69	ug/kg	BJ	U	bl	43			
RSAL8-0.5B	R0903184	SW 846 9056	SO	Chloride	37.0	37.0	mg/kg		J+	bf				9.7 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAL8-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	3.44	3.44	mg/kg	B	J+	bf				1.76 mg/l
RSAL8-0.5B	R0903184	SW6010	SO	Tin	4.3	10.3	mg/kg	B	U	bl	3.4			
RSOA3-0.5B	R0903184	SW 846 8260B	SO	Acetone	3.3	3.3	ug/kg	J	U	bf				3.7 ug/l
RSOA3-0.5B	R0903184	SW 846 9056	SO	Chloride	14.6	14.6	mg/kg		J+	bf				9.7 mg/l
RSOA3-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	2.89	2.89	mg/kg	B	J+	bf				1.76 mg/l
RSOA3-0.5B	R0903184	SW 846 9056	SO	Sulfate	68.5	68.5	mg/kg		J+	bf				5.5 mg/l
RSOA3-0.5B	R0903184	SW6010	SO	Boron	5.6	10.1	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
RSOA3-0.5B	R0903184	SW6010	SO	Tin	4	10.1	mg/kg	B	U	bl	3.4			
SA127-0.5B	R0903184	SW 846 8260B	SO	Acetone	4.0	4.0	ug/kg	J	U	bt,bf		2.1 ug/l		3.7 ug/l
SA127-0.5B	R0903184	SW 846 8270C	SO	Di-N-Butyl phthalate	96	96	ug/kg	BJ	U	bl	43			
SA127-0.5B	R0903184	SW 846 8270C	SO	Naphthalene	1.4	1.4	ug/kg	BJ	U	bl	1.3			
SA127-0.5B	R0903184	SW 846 9056	SO	Chloride	62.6	62.6	mg/kg		J+	bf				9.7 mg/l
SA127-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	5.99	5.99	mg/kg		J+	bf				1.76 mg/l
SA127-0.5B	R0903184	SW 846 9056	SO	Sulfate	102	102	mg/kg		J+	bf				5.5 mg/l
SA127-0.5B	R0903184	SW6010	SO	Boron	7	10.5	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
SA127-0.5B	R0903184	SW6010	SO	Tin	3.8	10.5	mg/kg	B	U	bl	3.4			
SA134-0.5B	R0903184	EPA 350.1	SO	Ammonia (as N)	0.09	0.52	mg/kg	J	U	bf				0.191 mg/l
SA134-0.5B	R0903184	SM 5540C	SO	MBAS	0.25	0.25	mg/kg		J	bf,m				0.159 mg/l
SA134-0.5B	R0903184	SW 846 8260B	SO	Acetone	4.9	4.9	ug/kg	BJ	U	bf				3.7 ug/l
SA134-0.5B	R0903184	SW 846 9056	SO	Chloride	762	762	mg/kg		J+	bf				9.7 mg/l
SA134-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	51.1	51.1	mg/kg		J+	bf				1.76 mg/l
SA134-0.5B	R0903184	SW 846 9056	SO	Sulfate	499	499	mg/kg		J+	bf				5.5 mg/l
SA134-0.5B	R0903184	SW6010	SO	Boron	8.3	10.3	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
SA134-0.5B	R0903184	SW6010	SO	Tin	3.9	10.3	mg/kg	B	U	bl	3.4			
SA166-0.5B	R0903184	EPA 1668A	SO	Dichlorobiphenyl	331	331	ng/kg		U	bl	140			
SA166-0.5B	R0903184	EPA 1668A	SO	PCB-11	176	176	ng/kg	BJ	U	bl	131			
SA166-0.5B	R0903184	EPA 1668A	SO	PCB-17	5.95	5.95	ng/kg	BJ	U	bl	4.45			
SA166-0.5B	R0903184	EPA 1668A	SO	PCB-31	18.0	18.0	ng/kg	BJ	U	bl	9.64			
SA166-0.5B	R0903184	EPA 1668A	SO	PCB-8	9.26	9.26	ng/kg	BJK	UJK	bl,k	8.70			
SA166-0.5B	R0903184	EPA 1668A	SO	PCBs 18 + 30	14.7	14.7	ng/kg	BJ	U	bl	9.69			
SA166-0.5B	R0903184	EPA 1668A	SO	PCBs 20 + 28	25.8	25.8	ng/kg	BJ	U	bl	9.75			
SA166-0.5B	R0903184	EPA 1668A	SO	PCBs 21 + 33	9.16	9.16	ng/kg	BJ	U	bl	6.14			
SA166-0.5B	R0903184	EPA 1668A	SO	PCBs 49 + 69	24.2	24.2	ng/kg	BJ	U	bl	5.37			
SA166-0.5B	R0903184	EPA 1668A	SO	Trichlorobiphenyl	163	163	ng/kg		U	bl	42.8			
SA166-0.5B	R0903184	SW 846 8270C	SO	Naphthalene	1.0	1.0	ug/kg	BJ	U	bl	1.3			
SA166-0.5B	R0903184	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	5.03	5.03	ng/kg	B	U	bl	1.17			
SA166-0.5B	R0903184	SW 846 9056	SO	Chloride	267	267	mg/kg		J+	bf				9.7 mg/l
SA166-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	17.4	17.4	mg/kg		J+	bf				1.76 mg/l
SA166-0.5B	R0903184	SW6010	SO	Boron	6.7	10.4	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
SA166-0.5B	R0903184	SW6010	SO	Tin	4.5	10.4	mg/kg	B	U	bl	3.4			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA176-0.5B	R0903184	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	1.07	1.07	ng/kg	BJ	U	bl	1.17			
SA176-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	67.2	67.2	mg/kg		J+	bf				1.76 mg/l
SA176-0.5B	R0903184	SW6010	SO	Tin	4.3	10.4	mg/kg	B	U	bl	3.4			
SA182-0.5B	R0903184	EPA 350.1	SO	Ammonia (as N)	0.19	0.60	mg/kg	J	U	bf				0.191 mg/l
SA182-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	28.9	28.9	mg/kg		J+	bf				1.76 mg/l
SA182-0.5B	R0903184	SW 846 9056	SO	Sulfate	189	189	mg/kg		J+	bf				5.5 mg/l
SA182-0.5B	R0903184	SW6010	SO	Tin	5.3	11.9	mg/kg	B	U	bl	3.4			
SA201-0.5B	R0903184	SW 846 8270C	SO	Naphthalene	2.1	2.1	ug/kg	BJ	U	bl	1.3			
SA201-0.5B	R0903184	SW 846 9056	SO	Chloride	439	439	mg/kg		J+	bf				9.7 mg/l
SA201-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	4.42	4.42	mg/kg	B	J+	bf				1.76 mg/l
SA201-0.5B	R0903184	SW 846 9056	SO	Sulfate	200	200	mg/kg		J+	bf				5.5 mg/l
SA201-0.5B	R0903184	SW6010	SO	Tin	7.6	10.5	mg/kg	B	U	bl	3.4			
SA35-0.5B	R0903184	SW 846 8260B	SO	Acetone	4.0	4.0	ug/kg	J	U	bf				3.7 ug/l
SA35-0.5B	R0903184	SW 846 9056	SO	Chloride	1.1	2.1	mg/kg	BJ	U	bl,bf	1mg/kg, 0.095mg/l			9.7 mg/l
SA35-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	0.81	0.81	mg/kg	B	J+	bf				1.76 mg/l
SA35-0.5B	R0903184	SW 846 9056	SO	Sulfate	2.0	2.1	mg/kg	J	U	bl,bf	1.8mg/kg			5.5 mg/l
SA35-0.5B	R0903184	SW6010	SO	Boron	3.9	10.4	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
SA35-0.5B	R0903184	SW6010	SO	Tin	3.9	10.4	mg/kg	B	U	bl	3.4			
SA55-0.5B	R0903184	SW 846 8260B	SO	Acetone	3.6	3.6	ug/kg	J	U	bf				3.7 ug/l
SA55-0.5B	R0903184	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	3.17	3.17	ng/kg	BJ	UJ	bl,i	1.44			
SA55-0.5B	R0903184	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	1.15	1.15	ng/kg	BJ	U	bl	1.17			
SA55-0.5B	R0903184	SW 846 9056	SO	Chloride	31.5	31.5	mg/kg		J+	bf				9.7 mg/l
SA55-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	3.96	3.96	mg/kg	B	J+	bf				1.76 mg/l
SA55-0.5B	R0903184	SW 846 9056	SO	Sulfate	84.1	84.1	mg/kg		J+	bf				5.5 mg/l
SA55-0.5B	R0903184	SW6010	SO	Boron	5.8	10.3	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
SA55-0.5B	R0903184	SW6010	SO	Tin	4	10.3	mg/kg	B	U	bl	3.4			
SA56-0.5B	R0903184	EPA 1668A	SO	PCB-11	283	283	ng/kg	BJ	U	bl	131			
SA56-0.5B	R0903184	EPA 350.1	SO	Ammonia (as N)	0.09	0.52	mg/kg	J	U	bf				0.191 mg/l
SA56-0.5B	R0903184	SM 5540C	SO	MBAS	2.5	2.5	mg/kg		J	bf,m				0.159 mg/l
SA56-0.5B	R0903184	SW 846 8260B	SO	Acetone	3.1	3.1	ug/kg	J	U	bf				3.7 ug/l
SA56-0.5B	R0903184	SW 846 9056	SO	Chloride	406	406	mg/kg		J+	bf				9.7 mg/l
SA56-0.5B	R0903184	SW 846 9056	SO	Nitrate (as N)	64.7	64.7	mg/kg		J+	bf				1.76 mg/l
SA56-0.5B	R0903184	SW6010	SO	Boron	4.9	10.3	mg/kg	B	U	bl	0.4mg/kg 4.0ug/l			
SA56-0.5B	R0903184	SW6010	SO	Tin	3.4	10.3	mg/kg	B	U	bl	3.4			
SA85-0.5B	R0903340	EPA 350.1	SO	Ammonia (as N)	0.48	0.52	mg/kg	BJ	U	bl,bf	0.20			0.191 mg/l
SA85-0.5B	R0903340	SM 5540C	SO	MBAS	1.3	2.1	mg/kg	J	U	bf				0.159 mg/l
SA85-0.5B	R0903340	SW 846 8260B	SO	Acetone	7.1	7.1	ug/kg	BJ	U	bf				3.7 ug/l
SA85-0.5B	R0903340	SW 846 8315A	SO	Formaldehyde	89	89	ug/kg	BJ	UJ	bl,c	59			
SA85-0.5B	R0903340	SW 846 9056	SO	Chloride	623	623	mg/kg		J	bf,m,ld				9.7 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA85-0.5B	R0903340	SW 846 9056	SO	Nitrate (as N)	57.4	57.4	mg/kg		J	bf,m,ld				1.76 mg/l
SA85-0.5B	R0903340	SW6010	SO	Boron	8	10.3	mg/kg	B	U	bl	3.0ug/l			
SA85-0.5B	R0903340	SW6010	SO	Tin	4.9	10.3	mg/kg	B	U	bl	3.8			
SA201009-28B	R0903443	EPA 350.1	SO	Ammonia (as N)	0.82	0.82	mg/kg		J+	bf				0.191 mg/l
SA201009-28B	R0903443	Lloyd Kahn	SO	Total Organic Carbon	270	290	mg/kg	BJ	UJ	bl,bf,c	50			0.5 mg/l
SA201009-28B	R0903443	SW 846 8270C	SO	Di-N-Butyl phthalate	140	140	ug/kg	BJ	U	bl	74			
SA201009-28B	R0903443	SW 846 9056	SO	Chloride	123	123	mg/kg		J+	bf				9.7 mg/l
SA201009-28B	R0903443	SW 846 9056	SO	Sulfate	483	483	mg/kg		J+	bf				5.5 mg/l
SA201009-28B	R0903443	SW6010	SO	Tin	3.9	10.5	mg/kg	B	U	bl	3.8			
SA201-10B	R0903443	EPA 350.1	SO	Ammonia (as N)	0.11	0.54	mg/kg	J	U	bl,bf	0.0094 mg/l			0.191 mg/l
SA201-10B	R0903443	SM 5540C	SO	MBAS	2.5	2.5	mg/kg		J+	bf				0.159 mg/l
SA201-10B	R0903443	SW 846 9056	SO	Chloride	62.2	62.2	mg/kg		J+	bf				9.7 mg/l
SA201-10B	R0903443	SW 846 9056	SO	Nitrate (as N)	173	173	mg/kg		J+	bf				1.76 mg/l
SA201-10B	R0903443	SW 846 9056	SO	Sulfate	103	103	mg/kg		J+	bf				5.5 mg/l
SA201-10B	R0903443	SW6010	SO	Tin	4.7	10.7	mg/kg	B	U	bl	3.8			
SA201-28B	R0903443	EPA 350.1	SO	Ammonia (as N)	0.91	0.91	mg/kg		J+	bf				0.191 mg/l
SA201-28B	R0903443	Lloyd Kahn	SO	Total Organic Carbon	270	290	mg/kg	BJ	UJ	bl,bf,c	50			0.5 mg/l
SA201-28B	R0903443	SM 5540C	SO	MBAS	1.4	2.5	mg/kg	J	J+	bf				0.159 mg/l
SA201-28B	R0903443	SW 846 8270C	SO	Di-N-Butyl phthalate	130	130	ug/kg	BJ	U	bl	74			
SA201-28B	R0903443	SW 846 9056	SO	Chloride	128	128	mg/kg		J+	bf				9.7 mg/l
SA201-28B	R0903443	SW 846 9056	SO	Sulfate	465	465	mg/kg		J+	bf				5.5 mg/l
SA201-28B	R0903443	SW6010	SO	Tin	4.5	10.5	mg/kg	B	U	bl	3.8			
RSIAI2009-10B	R0903584	EPA 300.1M	SO	Chlorate	198	220	ug/kg	J	U	be			3 ug/l	
RSIAI2009-10B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.11	0.54	mg/kg	J	U	be,bf			0.087 mg/l	0.191 mg/l
RSIAI2009-10B	R0903584	SW 846 8260B	SO	Acetone	4.3	4.3	ug/kg	BJ	UJ	bl,bt,be,bf,l	2.3	16-18 ug/l	1.6-8.1 ug/l	3.7 ug/l
RSIAI2009-10B	R0903584	SW 846 8260B	SO	Chloroform	0.40	0.40	ug/kg	J	U	bt		0.53 ug/l		
RSIAI2009-10B	R0903584	SW 846 8260B	SO	Methylene chloride	0.33	0.33	ug/kg	J	U	bt		0.23 - 2.8 ug/l		
RSIAI2009-10B	R0903584	SW 846 8260B	SO	Toluene	0.27	0.27	ug/kg	J	U	bt,be		0.26 - 0.39 ug/l	0.24 ug/l	
RSIAI2009-10B	R0903584	SW 846 9056	SO	Chloride	6.8	6.8	mg/kg	B	J	bf,fd				9.7 mg/l
RSIAI2009-10B	R0903584	SW 846 9056	SO	Nitrate (as N)	0.98	0.98	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSIAI2009-10B	R0903584	SW 846 9056	SO	Sulfate	15.0	15.0	mg/kg		J+	bf				5.5 mg/l
RSIAI2009-10B	R0903584	SW6010	SO	Boron	6.2	10.7	mg/kg	B	U	bl,be	20.0		2.7 ug/l	
RSIAI2009-10B	R0903584	SW6010	SO	Tin	4.2	10.7	mg/kg	B	U	bl	3.9			
RSIAI2-10B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.08	0.54	mg/kg	J	U	be,bf			0.087 mg/l	0.191 mg/l
RSIAI2-10B	R0903584	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	U	be,bf			0.016 mg/l	0.159 mg/l
RSIAI2-10B	R0903584	SW 846 8260B	SO	Acetone	6.4	6.4	ug/kg	BJ	U	bt,be,bf,c		16-18 ug/l	1.6-8.1 ug/l	3.7 ug/l
RSIAI2-10B	R0903584	SW 846 8260B	SO	Chloroform	0.68	0.68	ug/kg	J	U	bt		0.53 ug/l		
RSIAI2-10B	R0903584	SW 846 8260B	SO	Methylene chloride	0.52	0.52	ug/kg	J	U	bt		0.23 - 2.8 ug/l		
RSIAI2-10B	R0903584	SW 846 8260B	SO	Toluene	0.51	0.51	ug/kg	J	U	bt		0.26 - 0.39 ug/l		

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAI2-10B	R0903584	SW 846 9056	SO	Chloride	4.5	4.5	mg/kg	B	J	bf,fd				9.7 mg/l
RSAI2-10B	R0903584	SW 846 9056	SO	Nitrate (as N)	1.08	1.08	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSAI2-10B	R0903584	SW 846 9056	SO	Sulfate	12.2	12.2	mg/kg		J+	bf				5.5 mg/l
RSAI2-10B	R0903584	SW6010	SO	Boron	6.6	10.9	mg/kg	B	U	bl,be	20.0		2.7 ug/l	
RSAI2-10B	R0903584	SW6010	SO	Tin	4.5	10.9	mg/kg	B	U	bl	3.9			
RSAI2-20B	R0903584	EPA 300.1M	SO	Chlorate	62	220	ug/kg	J	U	be			3 ug/l	
RSAI2-20B	R0903584	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	U	be,bf			0.016 mg/l	0.159 mg/l
RSAI2-20B	R0903584	SW 846 8260B	SO	Acetone	9.1	9.1	ug/kg	BJ	UJ	bt,be,l		16-18 ug/l	1.6-8.1 ug/l	
RSAI2-20B	R0903584	SW 846 8260B	SO	Methylene chloride	0.40	0.40	ug/kg	J	U	bt		0.23 - 2.8 ug/l		
RSAI2-20B	R0903584	SW 846 8260B	SO	Toluene	0.34	0.34	ug/kg	J	U	bt,be		0.26 - 0.39 ug/l	0.24 ug/l	
RSAI2-20B	R0903584	SW 846 9056	SO	Chloride	1.6	2.2	mg/kg	BJ	U	bl,be,bf	1.0mg/kg, 0.094mg/l		1.0 mg/l	9.7 mg/l
RSAI2-20B	R0903584	SW 846 9056	SO	Nitrate (as N)	0.71	0.71	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSAI2-20B	R0903584	SW6010	SO	Tin	4.7	10.9	mg/kg	B	U	bl	3.9			
RSAI2-31B	R0903584	EPA 300.1M	SO	Chlorate	66	320	ug/kg	J	U	be			3 ug/l	
RSAI2-31B	R0903584	SM 5540C	SO	MBAS	2.0	3.2	mg/kg	J	U	be,bf			0.016 mg/l	0.159 mg/l
RSAI2-31B	R0903584	SW 846 8260B	SO	Acetone	36	36	ug/kg		UJ	bt,l		16-18 ug/l		
RSAI2-31B	R0903584	SW 846 8260B	SO	Methylene chloride	0.90	0.90	ug/kg	J	U	bt		0.23 - 2.8 ug/l		
RSAI2-31B	R0903584	SW 846 8270C	SO	Di-N-Butyl phthalate	56	56	ug/kg	BJ	U	bl	90			
RSAI2-31B	R0903584	SW 846 9056	SO	Nitrate (as N)	0.93	0.93	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSAI2-31B	R0903584	SW6010	SO	Molybdenum	0.25	0.34	mg/kg	B	U	bl	0.90ug/l			
RSAI2-31B	R0903584	SW6010	SO	Tin	4	11.2	mg/kg	B	U	bl	3.9			
RSAI2-31B	R0903584	SW6020	SO	Tungsten	0.087	0.11	mg/kg	B,N	UJ	bl,bf,m	0.055ug/l			0.02 ug/l
RSAI3-10B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.43	0.55	mg/kg	J	U	bl,bf	0.0056 mg/l			0.191 mg/l
RSAI3-10B	R0903584	SM 5540C	SO	MBAS	2.5	2.5	mg/kg		J+	bf				0.159 mg/l
RSAI3-10B	R0903584	SW 846 8260B	SO	Toluene	0.71	0.71	ug/kg	J	U	bt		0.58 ug/l		
RSAI3-10B	R0903584	SW 846 9056	SO	Chloride	177	177	mg/kg		J+	bf				9.7 mg/l
RSAI3-10B	R0903584	SW 846 9056	SO	Nitrate (as N)	1.41	1.41	mg/kg		J+	bf				1.76 mg/l
RSAI3-10B	R0903584	SW 846 9056	SO	Sulfate	170	170	mg/kg		J+	bf				5.5 mg/l
RSAI3-10B	R0903584	SW6010	SO	Tin	4.4	10.9	mg/kg	B	U	bl	3.9			
RSAI3-20B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.21	0.65	mg/kg	J	U	bl,bf	0.0056 mg/l			0.191 mg/l
RSAI3-20B	R0903584	SM 5540C	SO	MBAS	3.0	3.0	mg/kg		J+	bf				0.159 mg/l
RSAI3-20B	R0903584	SW 846 8260B	SO	Toluene	0.54	0.54	ug/kg	J	U	bt		0.58 ug/l		
RSAI3-20B	R0903584	SW 846 9056	SO	Chloride	934	934	mg/kg		J+	bf				9.7 mg/l
RSAI3-20B	R0903584	SW 846 9056	SO	Nitrate (as N)	2.29	2.29	mg/kg		J+	bf				1.76 mg/l
RSAI3-20B	R0903584	SW6010	SO	Tin	4.2	10.7	mg/kg	B	U	bl	3.9			
RSAI3-32B	R0903584	Lloyd Kahn	SO	Total Organic Carbon	270	290	mg/kg	J	U	bl	50-58			
RSAI3-32B	R0903584	SM 5540C	SO	MBAS	3.6	3.6	mg/kg		J+	bf				0.159 mg/l
RSAI3-32B	R0903584	SW 846 8260B	SO	Acetone	7.2	7.2	ug/kg	BJ	UJ	bf,c				3.7 ug/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAI3-32B	R0903584	SW 846 8260B	SO	Toluene	0.63	0.63	ug/kg	J	U	bt		0.58 ug/l		
RSAI3-32B	R0903584	SW 846 9056	SO	Nitrate (as N)	2.05	2.05	mg/kg		J+	bf				1.76 mg/l
RSAI3-32B	R0903584	SW6010	SO	Tin	5	9.6	mg/kg	B	U	bl	3.9			
RSAJ2009-33B	R0903584	EPA 300.1M	SO	Chlorate	71	360	ug/kg	J	U	be			3 ug/l	
RSAJ2009-33B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.18	0.88	mg/kg	J	U	be,bf			0.087 mg/l	0.191 mg/l
RSAJ2009-33B	R0903584	SM 5540C	SO	MBAS	2.5	3.5	mg/kg	J	U	be,bf			0.016 mg/l	0.159 mg/l
RSAJ2009-33B	R0903584	SW 846 8260B	SO	Acetone	21	21	ug/kg	BJ	UJ	bt,l		16-18 ug/l		
RSAJ2009-33B	R0903584	SW 846 8270C	SO	Di-N-Butyl phthalate	170	170	ug/kg	BJ	U	bl	90			
RSAJ2009-33B	R0903584	SW 846 9056	SO	Nitrate (as N)	0.96	0.96	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSAJ2009-33B	R0903584	SW6010	SO	Tin	4.1	9.8	mg/kg	B	U	bl	3.9			
RSAJ2-10B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.09	0.54	mg/kg	J	U	be,bf			0.087 mg/l	0.191 mg/l
RSAJ2-10B	R0903584	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	U	be,bf			0.016 mg/l	0.159 mg/l
RSAJ2-10B	R0903584	SW 846 8260B	SO	Acetone	7.9	7.9	ug/kg	BJ	UJ	bt,be,l		16-18 ug/l	1.6-8.1 ug/l	
RSAJ2-10B	R0903584	SW 846 8270C	SO	Di-N-Butyl phthalate	95	95	ug/kg	BJ	U	bl	90			
RSAJ2-10B	R0903584	SW 846 9056	SO	Nitrate (as N)	2.15	2.15	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSAJ2-10B	R0903584	SW 846 9056	SO	Sulfate	146	146	mg/kg		J+	bf				5.5 mg/l
RSAJ2-10B	R0903584	SW6010	SO	Tin	4.3	10.7	mg/kg	B	U	bl	3.9			
RSAJ2-20B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.18	0.53	mg/kg	J	U	be,bf			0.087 mg/l	0.191 mg/l
RSAJ2-20B	R0903584	SM 5540C	SO	MBAS	1.2	2.1	mg/kg	J	U	be,bf			0.016 mg/l	0.159 mg/l
RSAJ2-20B	R0903584	SW 846 8260B	SO	2-Butanone	2.6	2.6	ug/kg	J	U	bt		1.5 ug/l		
RSAJ2-20B	R0903584	SW 846 8260B	SO	Acetone	24	24	ug/kg	J	UJ	bt,l		16-18 ug/l		
RSAJ2-20B	R0903584	SW 846 8270C	SO	Di-N-Butyl phthalate	50	50	ug/kg	BJ	U	bl	90			
RSAJ2-20B	R0903584	SW 846 9056	SO	Chloride	828	828	mg/kg		J+	bf				9.7 mg/l
RSAJ2-20B	R0903584	SW 846 9056	SO	Nitrate (as N)	1.20	1.20	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSAJ2-20B	R0903584	SW6010	SO	Tin	4.2	10.6	mg/kg	B	U	bl	3.9			
RSAJ2-33B	R0903584	SM 5540C	SO	MBAS	1.9	3.4	mg/kg	J	U	be,bf			0.016 mg/l	0.159 mg/l
RSAJ2-33B	R0903584	SW 846 8260B	SO	Acetone	10	10	ug/kg	BJ	UJ	bt,be,l		16-18 ug/l	1.6-8.1 ug/l	
RSAJ2-33B	R0903584	SW 846 8270C	SO	Di-N-Butyl phthalate	86	86	ug/kg	BJ	U	bl	90			
RSAJ2-33B	R0903584	SW 846 9056	SO	Nitrate (as N)	0.90	0.90	mg/kg	B	J+	be,bf			0.62 mg/l	1.76 mg/l
RSAJ2-33B	R0903584	SW6010	SO	Tin	4.2	9.5	mg/kg	B	U	bl	3.9			
SA202-10B	R0903584	EPA 350.1	SO	Ammonia (as N)	0.39	0.55	mg/kg	J	U	bl,bf	0.0056 mg/l			0.191 mg/l
SA202-10B	R0903584	SM 5540C	SO	MBAS	2.4	2.4	mg/kg		J+	bf				0.159 mg/l
SA202-10B	R0903584	SW 846 8260B	SO	Acetone	7.4	7.4	ug/kg	BJ	U	bf				3.7 ug/l
SA202-10B	R0903584	SW 846 8260B	SO	Methylene chloride	0.65	0.65	ug/kg	J	U	bt		0.29 - 0.37 ug/l		
SA202-10B	R0903584	SW 846 8260B	SO	Toluene	0.35	0.35	ug/kg	J	U	bt		0.58 ug/l		
SA202-10B	R0903584	SW 846 8270C	SO	Di-N-Butyl phthalate	43	43	ug/kg	BJ	U	bl	33			
SA202-10B	R0903584	SW 846 9056	SO	Nitrate (as N)	6.18	6.18	mg/kg		J+	bf				1.76 mg/l
SA202-10B	R0903584	SW 846 9056	SO	Sulfate	321	321	mg/kg		J+	bf				5.5 mg/l
SA202-10B	R0903584	SW6010	SO	Boron	7.7	10.8	mg/kg	B	U	bl	20.0			
SA202-10B	R0903584	SW6010	SO	Tin	4.2	10.8	mg/kg	B	U	bl	3.9			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA202-28B	R0903584	SM 5540C	SO	MBAS	1.3	3.2	mg/kg	J	U	bf				0.159 mg/l
SA202-28B	R0903584	SW 846 9056	SO	Chloride	864	864	mg/kg		J+	bf				9.7 mg/l
SA202-28B	R0903584	SW 846 9056	SO	Nitrate (as N)	2.65	2.65	mg/kg		J+	bf				1.76 mg/l
SA202-28B	R0903584	SW6010	SO	Tin	4.8	11.4	mg/kg	B	U	bl	3.9			
SA152-10B	R0903615	SM 5540C	SO	MBAS	1.5	2.2	mg/kg	J	UJ	bf,c				0.159 mg/l
SA152-10B	R0903615	SW 846 8270C	SO	Di-N-Butyl phthalate	160	160	ug/kg	BJ	U	bl	37			
SA152-10B	R0903615	SW 846 8270C	SO	Naphthalene	1.1	1.1	ug/kg	BJ	U	bl	1.0			
SA152-10B	R0903615	SW 846 9056	SO	Chloride	257	257	mg/kg		J+	bf				9.7 mg/l
SA152-10B	R0903615	SW 846 9056	SO	Nitrate (as N)	5.13	5.13	mg/kg		J+	bf				1.76 mg/l
SA152-10B	R0903615	SW 846 9056	SO	Sulfate	110	110	mg/kg		J+	bf				5.5 mg/l
SA152-10B	R0903615	SW6010	SO	Boron	6.4	10.7	mg/kg	B	U	bl	10.0ug/l			
SA152-10B	R0903615	SW6010	SO	Tin	3.9	10.7	mg/kg	B	U	bl	3.5			
SA152-20B	R0903615	SM 5540C	SO	MBAS	1.4	2.1	mg/kg	J	UJ	bf,c				0.159 mg/l
SA152-20B	R0903615	SW 846 8260B	SO	Acetone	4.5	4.5	ug/kg	BJ	U	bl,bf	2.7			3.7 ug/l
SA152-20B	R0903615	SW 846 8270C	SO	Di-N-Butyl phthalate	51	51	ug/kg	BJ	U	bl	37			
SA152-20B	R0903615	SW 846 9056	SO	Chloride	395	395	mg/kg		J+	bf				9.7 mg/l
SA152-20B	R0903615	SW 846 9056	SO	Nitrate (as N)	1.12	1.12	mg/kg		J+	bf				1.76 mg/l
SA152-20B	R0903615	SW 846 9056	SO	Sulfate	121	121	mg/kg		J+	bf				5.5 mg/l
SA152-20B	R0903615	SW6010	SO	Boron	6.8	10.4	mg/kg	B	U	bl	10.0ug/l			
SA152-20B	R0903615	SW6010	SO	Tin	3.8	10.4	mg/kg	B	U	bl	3.5			
SA152-34B	R0903615	SM 5540C	SO	MBAS	1.8	3	mg/kg	J	UJ	bf,c				0.159 mg/l
SA152-34B	R0903615	SW 846 8270C	SO	Di-N-Butyl phthalate	150	150	ug/kg	BJ	U	bl	37			
SA152-34B	R0903615	SW 846 9056	SO	Nitrate (as N)	1.47	1.47	mg/kg		J+	bf				1.76 mg/l
SA152-34B	R0903615	SW6010	SO	Tin	4.6	12.3	mg/kg	B	U	bl	3.5			
RSAK3-0.5B	R0903678	SM 5540C	SO	MBAS	1.1	2.2	mg/kg	BJ	U	bl,bf	1.2			0.159 mg/l
RSAK3-0.5B	R0903678	SW 846 8260B	SO	Acetone	3.7	3.7	ug/kg	BJ	U	bl,bf	3.2			3.7 ug/l
RSAK3-0.5B	R0903678	SW 846 8260B	SO	Chloroform	1.2	1.2	ug/kg	J	U	bt		0.21 ug/l		
RSAK3-0.5B	R0903678	SW 846 8260B	SO	Methylene chloride	0.28	0.28	ug/kg	J	U	bt		0.25 - 0.35 ug/l		
RSAK3-0.5B	R0903678	SW 846 9056	SO	Chloride	939	939	mg/kg		J+	bf				9.7 mg/l
RSAK3-0.5B	R0903678	SW 846 9056	SO	Nitrate (as N)	10.8	10.8	mg/kg		J+	bf				1.76 mg/l
RSAK3-0.5B	R0903678	SW 846 9056	SO	Sulfate	442	442	mg/kg		J+	bf				5.5 mg/l
RSAK3-0.5B	R0903678	SW6010	SO	Boron	9.5	10.8	mg/kg	B	U	bl	2.4mg/kg 20.0ug/l			
RSAK3-0.5B	R0903678	SW6010	SO	Tin	5.7	10.8	mg/kg	B	U	bl	3.8			
RSAK3-10B	R0903678	EPA 350.1	SO	Ammonia (as N)	0.37	0.55	mg/kg	J	U	bf				0.191 mg/l
RSAK3-10B	R0903678	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	BJ	U	bl,bf	1.2			0.159 mg/l
RSAK3-10B	R0903678	SW 846 8260B	SO	Acetone	6.4	6.4	ug/kg	BJ	U	bl,bf	3.2			3.7 ug/l
RSAK3-10B	R0903678	SW 846 8260B	SO	Methylene chloride	0.25	0.25	ug/kg	J	U	bt		0.25 - 0.35 ug/l		
RSAK3-10B	R0903678	SW 846 9056	SO	Chloride	189	189	mg/kg		J+	bf				9.7 mg/l
RSAK3-10B	R0903678	SW 846 9056	SO	Nitrate (as N)	3.19	3.19	mg/kg		J+	bf				1.76 mg/l
RSAK3-10B	R0903678	SW 846 9056	SO	Sulfate	26.2	26.2	mg/kg		J+	bf				5.5 mg/l
RSAK3-10B	R0903678	SW6010	SO	Boron	7	10.8	mg/kg	B	U	bl	2.4mg/kg 20.0ug/l			
RSAK3-10B	R0903678	SW6010	SO	Molybdenum	0.26	0.32	mg/kg	B	U	bl	0.60			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAK3-10B	R0903678	SW6010	SO	Tin	5.6	10.8	mg/kg	B	U	bl	3.8			
RSAK3-20B	R0903678	SM 5540C	SO	MBAS	1.7	2.7	mg/kg	BJ	U	bl,bf	1.2			0.159 mg/l
RSAK3-20B	R0903678	SW 846 8260B	SO	Methylene chloride	0.64	0.64	ug/kg	J	UJ	bt,i,s		0.25 - 0.35 ug/l		
RSAK3-20B	R0903678	SW 846 8260B	SO	Toluene	0.32	0.32	ug/kg	J	UJ	bt,s		0.26 ug/l		
RSAK3-20B	R0903678	SW 846 8270C	SO	Naphthalene	1.8	1.8	ug/kg	BJ	U	bl	1.0			
RSAK3-20B	R0903678	SW 846 9056	SO	Chloride	517	517	mg/kg		J+	bf				9.7 mg/l
RSAK3-20B	R0903678	SW 846 9056	SO	Nitrate (as N)	7.55	7.55	mg/kg		J+	bf				1.76 mg/l
RSAK3-20B	R0903678	SW6010	SO	Tin	7.4	13.2	mg/kg	B	U	bl	3.8			
RSAK3-31B	R0903678	SM 5540C	SO	MBAS	3.1	3.5	mg/kg	BJ	U	bl,bf	1.2			0.159 mg/l
RSAK3-31B	R0903678	SW 846 9056	SO	Nitrate (as N)	2.78	2.78	mg/kg		J+	bf				1.76 mg/l
RSAK3-31B	R0903678	SW6010	SO	Tin	9.1	17.1	mg/kg	B	U	bl	3.8			
RSAK3-31B	R0903678	SW6020	SO	Tungsten	0.28	0.35	mg/kg	B	U	bl,bf	0.023ug/l			0.02 ug/l
RSAL3-10B	R0903678	SM 5540C	SO	MBAS	1.4	2.2	mg/kg	J	U	bf				0.159 mg/l
RSAL3-10B	R0903678	SW 846 8260B	SO	Acetone	3.1	3.1	ug/kg	BJ	U	bl,bf	3.2			3.7 ug/l
RSAL3-10B	R0903678	SW 846 8260B	SO	Methylene chloride	0.30	0.30	ug/kg	J	U	bt		0.33 - 0.35 ug/l		
RSAL3-10B	R0903678	SW 846 9056	SO	Chloride	138	138	mg/kg		J+	bf				9.7 mg/l
RSAL3-10B	R0903678	SW 846 9056	SO	Nitrate (as N)	3.09	3.09	mg/kg		J+	bf				1.76 mg/l
RSAL3-10B	R0903678	SW6010	SO	Tin	4.7	10.8	mg/kg	B	U	bl	3.8			
RSAL3-30B	R0903678	SM 5540C	SO	MBAS	1.9	3.2	mg/kg	J	U	bf				0.159 mg/l
RSAL3-30B	R0903678	SW 846 8260B	SO	Acetone	2.9	2.9	ug/kg	J	U	bf				3.7 ug/l
RSAL3-30B	R0903678	SW 846 8260B	SO	Methylene chloride	0.46	0.46	ug/kg	J	U	bt		0.33 - 0.35 ug/l		
RSAL3-30B	R0903678	SW 846 9056	SO	Nitrate (as N)	3.32	3.32	mg/kg		J+	bf				1.76 mg/l
RSAL3-30B	R0903678	SW6010	SO	Tin	6.2	15.1	mg/kg	B	U	bl	3.8			
RSAL3-30B	R0903678	SW6020	SO	Tungsten	0.26	0.31	mg/kg	B	U	bf				0.02 ug/l
SA134009-31B	R0903678	SM 5540C	SO	MBAS	1.8	3.1	mg/kg	J	U	bf				0.159 mg/l
SA134009-31B	R0903678	SW 846 8260B	SO	Methylene chloride	1.0	1.0	ug/kg	J	U	bt		0.25 - 0.35 ug/l		
SA134009-31B	R0903678	SW 846 9056	SO	Nitrate (as N)	7.73	7.73	mg/kg		J+	bf				1.76 mg/l
SA134009-31B	R0903678	SW6010	SO	Tin	8.1	15.3	mg/kg	B	U	bl	3.8			
SA134-10B	R0903678	SM 5540C	SO	MBAS	1.1	2.2	mg/kg	J	U	bf				0.159 mg/l
SA134-10B	R0903678	SW 846 8260B	SO	Methylene chloride	0.69	0.69	ug/kg	J	U	bt		0.25 - 0.35 ug/l		
SA134-10B	R0903678	SW 846 8260B	SO	Toluene	0.32	0.32	ug/kg	J	U	bt		0.26 ug/l		
SA134-10B	R0903678	SW 846 9056	SO	Chloride	71.9	71.9	mg/kg		J+	bf				9.7 mg/l
SA134-10B	R0903678	SW 846 9056	SO	Nitrate (as N)	3.65	3.65	mg/kg		J+	bf				1.76 mg/l
SA134-10B	R0903678	SW 846 9056	SO	Sulfate	203	203	mg/kg		J+	bf				5.5 mg/l
SA134-10B	R0903678	SW6010	SO	Tin	4.4	10.9	mg/kg	B	U	bl	3.8			
SA134-20B	R0903678	SM 5540C	SO	MBAS	3.4	3.4	mg/kg		J+	bf				0.159 mg/l
SA134-20B	R0903678	SW 846 9056	SO	Chloride	138	138	mg/kg		J+	bf				9.7 mg/l
SA134-20B	R0903678	SW 846 9056	SO	Nitrate (as N)	2.20	2.20	mg/kg		J+	bf				1.76 mg/l
SA134-20B	R0903678	SW6010	SO	Tin	4.2	10.2	mg/kg	B	U	bl	3.8			
SA134-31B	R0903678	SM 5540C	SO	MBAS	2.7	3.0	mg/kg	J	U	bf				0.159 mg/l
SA134-31B	R0903678	SW 846 8260B	SO	Acetone	6.6	6.6	ug/kg	J	U	bf				3.7 ug/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA134-31B	R0903678	SW 846 9056	SO	Nitrate (as N)	7.52	7.52	mg/kg		J+	bf				1.76 mg/l
SA134-31B	R0903678	SW6010	SO	Tin	6	14.6	mg/kg	B	U	bl	3.8			
SA82-0.5B	R0903678	EPA 350.1	SO	Ammonia (as N)	0.22	0.51	mg/kg	J	U	bf				0.191 mg/l
SA82-0.5B	R0903678	SM 5540C	SO	MBAS	1.2	2.1	mg/kg	J	UJ	bf,m				0.159 mg/l
SA82-0.5B	R0903678	SW 846 9056	SO	Chloride	37.3	37.3	mg/kg		J+	bf				9.7 mg/l
SA82-0.5B	R0903678	SW 846 9056	SO	Nitrate (as N)	2.82	2.82	mg/kg		J+	bf				1.76 mg/l
SA82-0.5B	R0903678	SW 846 9056	SO	Sulfate	175	175	mg/kg		J+	bf				5.5 mg/l
SA82-0.5B	R0903678	SW6010	SO	Boron	9.1	9.8	mg/kg	B	U	bl	2.4mg/kg 20.0ug/l			
SA82-0.5B	R0903678	SW6010	SO	Tin	4	9.8	mg/kg	B	U	bl	3.8			
SA82-10B	R0903678	EPA 350.1	SO	Ammonia (as N)	0.15	0.35	mg/kg	J	U	bl,bf	0.0077 mg/l			0.191 mg/l
SA82-10B	R0903678	SM 5540C	SO	MBAS	1.4	2.1	mg/kg	J	U	bf				0.159 mg/l
SA82-10B	R0903678	SW 846 8270C	SO	Naphthalene	3.2	3.2	ug/kg	BJ	U	bl	1.0			
SA82-10B	R0903678	SW 846 9056	SO	Chloride	64.1	64.1	mg/kg		J+	bf				9.7 mg/l
SA82-10B	R0903678	SW 846 9056	SO	Nitrate (as N)	2.43	2.43	mg/kg	B	J+	bf				1.76 mg/l
SA82-10B	R0903678	SW6010	SO	Tin	4.4	10.3	mg/kg	B	U	bl	3.8			
SA82-29B	R0903678	SM 5540C	SO	MBAS	3.7	3.7	mg/kg		J+	bf				0.159 mg/l
SA82-29B	R0903678	SW 846 9056	SO	Nitrate (as N)	2.60	2.60	mg/kg	B	J+	bf				1.76 mg/l
SA82-29B	R0903678	SW6010	SO	Tin	7.5	17.0	mg/kg	B	U	bl	3.8			
SA82-29B	R0903678	SW6020	SO	Tungsten	0.27	0.34	mg/kg	B	U	bf				0.02 ug/l
SA88-10B	R0903678	EPA 350.1	SO	Ammonia (as N)	0.33	0.55	mg/kg	J	U	bf				0.191 mg/l
SA88-10B	R0903678	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	U	bf				0.159 mg/l
SA88-10B	R0903678	SW 846 9056	SO	Nitrate (as N)	6.78	6.78	mg/kg		J+	bf				1.76 mg/l
SA88-10B	R0903678	SW 846 9056	SO	Sulfate	89.2	89.2	mg/kg		J+	bf				5.5 mg/l
SA88-10B	R0903678	SW6010	SO	Boron	10.3	10.5	mg/kg	B	U	bl	2.4mg/kg 20.0ug/l			
SA88-10B	R0903678	SW6010	SO	Tin	5.6	10.5	mg/kg	B	U	bl	3.8			
SA88-20B	R0903678	SM 5540C	SO	MBAS	1.7	2.9	mg/kg	J	U	bf				0.159 mg/l
SA88-20B	R0903678	SW 846 8270C	SO	Naphthalene	1.4	1.4	ug/kg	BJ	U	bl	1.0			
SA88-20B	R0903678	SW 846 9056	SO	Nitrate (as N)	5.72	5.72	mg/kg		J+	bf				1.76 mg/l
SA88-20B	R0903678	SW6010	SO	Tin	6.3	14.0	mg/kg	B	U	bl	3.8			
SA88-32B	R0903678	EPA 350.1	SO	Ammonia (as N)	0.27	0.85	mg/kg	J	U	bf				0.191 mg/l
SA88-32B	R0903678	SM 5540C	SO	MBAS	3.9	3.9	mg/kg		J+	bf				0.159 mg/l
SA88-32B	R0903678	SW 846 8260B	SO	Methylene chloride	0.57	0.57	ug/kg	J	U	bt		0.25 - 0.35 ug/l		
SA88-32B	R0903678	SW 846 9056	SO	Nitrate (as N)	2.44	2.44	mg/kg		J+	bf				1.76 mg/l
SA88-32B	R0903678	SW6010	SO	Tin	8.7	16.5	mg/kg	B	U	bl	3.8			
RS4K4-10B	R0903729	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	BJ	UJ	bf,m				0.159 mg/l
RS4K4-10B	R0903729	SW 846 8260B	SO	Methylene chloride	0.36	0.36	ug/kg	J	U	bt		0.68 ug/l		
RS4K4-10B	R0903729	SW 846 8260B	SO	Toluene	0.29	0.29	ug/kg	J	U	bt		0.45ug/l		
RS4K4-10B	R0903729	SW 846 9056	SO	Nitrate (as N)	14.8	14.8	mg/kg		J+	bf				1.76 mg/l
RS4K4-10B	R0903729	SW6010	SO	Boron	9.4	10.5	mg/kg	B	UJ	bl,sd	8.0ug/l			
RS4K4-10B	R0903729	SW6010	SO	Tin	4.5	10.5	mg/kg	B	U	bl	3.9			
RS4K4-20B	R0903729	SM 5540C	SO	MBAS	1.1	2.2	mg/kg	BJ	UJ	bf,m				0.159 mg/l
RS4K4-20B	R0903729	SW 846 8260B	SO	Acetone	4.1	4.1	ug/kg	BJ	U	bl,bt,bf	3.2	2.9 ug/l		3.7 ug/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAK4-20B	R0903729	SW 846 8260B	SO	Methylene chloride	0.30	0.30	ug/kg	J	U	bt		0.68 ug/l		
RSAK4-20B	R0903729	SW 846 8260B	SO	Toluene	0.26	0.26	ug/kg	J	U	bt		0.45ug/l		
RSAK4-20B	R0903729	SW 846 9056	SO	Chloride	336	336	mg/kg		J+	bf				9.7 mg/l
RSAK4-20B	R0903729	SW 846 9056	SO	Nitrate (as N)	2.52	2.52	mg/kg		J+	bf				1.76 mg/l
RSAK4-20B	R0903729	SW6010	SO	Boron	7.9	10.3	mg/kg	B	UJ	bl,sd	8.0ug/l			
RSAK4-20B	R0903729	SW6010	SO	Tin	4.1	10.3	mg/kg	B	U	bl	3.9			
RSAK4-31B	R0903729	SW 846 8260B	SO	Acetone	4.2	4.2	ug/kg	BJ	U	bl,bt,bf	3.2	2.9 ug/l		3.7 ug/l
RSAK4-31B	R0903729	SW 846 8260B	SO	Methylene chloride	0.45	0.45	ug/kg	J	U	bt		0.68 ug/l		
RSAK4-31B	R0903729	SW 846 8260B	SO	Toluene	0.31	0.31	ug/kg	J	U	bt		0.45ug/l		
RSAK4-31B	R0903729	SW 846 9056	SO	Chloride	284	284	mg/kg		J+	bf				9.7 mg/l
RSAK4-31B	R0903729	SW 846 9056	SO	Nitrate (as N)	4.20	4.20	mg/kg		J+	bf				1.76 mg/l
RSAK4-31B	R0903729	SW6010	SO	Tin	4.8	12.3	mg/kg	B	U	bl	3.9			
RSAL4-0.5B	R0903729	SM 5540C	SO	MBAS	1.3	2.1	mg/kg	BJ	UJ	bf,m				0.159 mg/l
RSAL4-0.5B	R0903729	SW 846 8260B	SO	Acetone	6.8	6.8	ug/kg	BJ	UJ	bl,bf,fd,l	4.0			3.7 ug/l
RSAL4-0.5B	R0903729	SW 846 8260B	SO	Methylene chloride	0.59	0.59	ug/kg	J	U	bt		0.40 ug/l		
RSAL4-0.5B	R0903729	SW 846 8270C	SO	Di-N-Butyl phthalate	39	39	ug/kg	BJ	U	bl	38			
RSAL4-0.5B	R0903729	SW 846 9056	SO	Chloride	195	195	mg/kg		J+	bf				9.7 mg/l
RSAL4-0.5B	R0903729	SW 846 9056	SO	Nitrate (as N)	9.93	9.93	mg/kg		J+	bf				1.76 mg/l
RSAL4-0.5B	R0903729	SW 846 9056	SO	Sulfate	276	276	mg/kg		J+	bf				5.5 mg/l
RSAL4-0.5B	R0903729	SW6010	SO	Boron	5.1	10.3	mg/kg	B	UJ	bl,sd	8.0ug/l			
RSAL4-0.5B	R0903729	SW6010	SO	Tin	3.9	10.3	mg/kg	B	U	bl	3.9			
RSAL4009-0.5B	R0903729	SM 5540C	SO	MBAS	1.2	2.1	mg/kg	BJ	UJ	bf,m				0.159 mg/l
RSAL4009-0.5B	R0903729	SW 846 8260B	SO	Acetone	6.0	6.0	ug/kg	BJ	UJ	bl,bf,i	4.3			3.7 ug/l
RSAL4009-0.5B	R0903729	SW 846 8260B	SO	Methylene chloride	0.29	0.29	ug/kg	J	UJ	bt,i		0.40 ug/l		
RSAL4009-0.5B	R0903729	SW 846 8270C	SO	Di-N-Butyl phthalate	42	42	ug/kg	BJ	U	bl	38			
RSAL4009-0.5B	R0903729	SW 846 9056	SO	Chloride	197	197	mg/kg		J+	bf				9.7 mg/l
RSAL4009-0.5B	R0903729	SW 846 9056	SO	Nitrate (as N)	9.91	9.91	mg/kg		J+	bf				1.76 mg/l
RSAL4009-0.5B	R0903729	SW 846 9056	SO	Sulfate	268	268	mg/kg		J+	bf				5.5 mg/l
RSAL4009-0.5B	R0903729	SW6010	SO	Boron	4.6	10.2	mg/kg	B	UJ	bl,sd	8.0ug/l			
RSAL4009-0.5B	R0903729	SW6010	SO	Tin	4	10.2	mg/kg	B	U	bl	3.9			
RSAL4-10B	R0903729	SM 5540C	SO	MBAS	1.5	2.2	mg/kg	BJ	UJ	bf,m				0.159 mg/l
RSAL4-10B	R0903729	SW 846 9056	SO	Chloride	409	409	mg/kg		J+	bf				9.7 mg/l
RSAL4-10B	R0903729	SW 846 9056	SO	Nitrate (as N)	7.30	7.30	mg/kg		J+	bf				1.76 mg/l
RSAL4-10B	R0903729	SW 846 9056	SO	Sulfate	163	163	mg/kg		J+	bf				5.5 mg/l
RSAL4-10B	R0903729	SW6010	SO	Boron	8.9	10.7	mg/kg	B	UJ	bl,sd	8.0ug/l			
RSAL4-10B	R0903729	SW6010	SO	Tin	4.3	10.7	mg/kg	B	U	bl	3.9			
RSAL4-28B	R0903729	Lloyd Kahn	SO	Total Organic Carbon	290	300	mg/kg	BJ	U	bl,bf	65.9-70			0.5 mg/l
RSAL4-28B	R0903729	SM 5540C	SO	MBAS	1.5	3.7	mg/kg	BJ	UJ	bf,m				0.159 mg/l
RSAL4-28B	R0903729	SW 846 8270C	SO	Di-N-Butyl phthalate	67	67	ug/kg	BJ	U	bl	38			
RSAL4-28B	R0903729	SW 846 9056	SO	Chloride	553	553	mg/kg		J+	bf				9.7 mg/l
RSAL4-28B	R0903729	SW 846 9056	SO	Nitrate (as N)	5.27	5.27	mg/kg		J+	bf				1.76 mg/l
RSAL4-28B	R0903729	SW6010	SO	Tin	6.3	15.1	mg/kg	B	U	bl	3.9			
SA100-10B	R0903729	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
SA100-10B	R0903729	SW 846 8270C	SO	Di-N-Butyl phthalate	63	63	ug/kg	BJ	U	bl	38			
SA100-10B	R0903729	SW 846 9056	SO	Nitrate (as N)	2.01	2.01	mg/kg		J+	bf				1.76 mg/l
SA100-10B	R0903729	SW6010	SO	Boron	9.8	10.4	mg/kg	B	UJ	bl,sd	8.0ug/l			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA100-10B	R0903729	SW6010	SO	Tin	4.1	10.4	mg/kg	B	U	bl	3.9			
SA100-30B	R0903729	SM 5540C	SO	MBAS	1.2	3.1	mg/kg	BJ	UJ	bf,m				0.159 mg/l
SA100-30B	R0903729	SW 846 8270C	SO	Di-N-Butyl phthalate	56	56	ug/kg	BJ	U	bl	38			
SA100-30B	R0903729	SW 846 9056	SO	Nitrate (as N)	2.85	2.85	mg/kg		J+	bf				1.76 mg/l
SA100-30B	R0903729	SW6010	SO	Tin	4.9	12.7	mg/kg	B	U	bl	3.9			
SA206-0.5B	R0903729	SM 5540C	SO	MBAS	1.9	2.1	mg/kg	BJ	UJ	bl,bf,m	1.2			0.159 mg/l
SA206-0.5B	R0903729	SW 846 8260B	SO	Acetone	5.3	5.6	ug/kg	BJ	U	bl,bt,bf	3.2	2.9 ug/l		3.7 ug/l
SA206-0.5B	R0903729	SW 846 8260B	SO	Methylene chloride	0.48	0.48	ug/kg	J	U	bt		0.68 ug/l		
SA206-0.5B	R0903729	SW 846 8260B	SO	Toluene	0.28	0.28	ug/kg	J	U	bt		0.45ug/l		
SA206-0.5B	R0903729	SW 846 9056	SO	Chloride	409	409	mg/kg		J+	bf				9.7 mg/l
SA206-0.5B	R0903729	SW 846 9056	SO	Nitrate (as N)	7.77	7.77	mg/kg		J+	bf				1.76 mg/l
SA206-0.5B	R0903729	SW 846 9056	SO	Sulfate	475	475	mg/kg		J+	bf				5.5 mg/l
SA206-0.5B	R0903729	SW6010	SO	Boron	7.7	10.2	mg/kg	B	UJ	bl,sd	8.0ug/l			
SA206-0.5B	R0903729	SW6010	SO	Tin	4.2	10.2	mg/kg	B	U	bl	3.9			
SA206-10B	R0903729	SM 5540C	SO	MBAS	1.6	2.2	mg/kg	BJ	UJ	bl,bf,m	1.2			0.159 mg/l
SA206-10B	R0903729	SW 846 8260B	SO	Methylene chloride	1.0	1.0	ug/kg	J	U	bt		0.68 ug/l		
SA206-10B	R0903729	SW 846 8260B	SO	Toluene	0.51	0.51	ug/kg	J	U	bt		0.45ug/l		
SA206-10B	R0903729	SW 846 9056	SO	Chloride	880	880	mg/kg		J+	bf				9.7 mg/l
SA206-10B	R0903729	SW 846 9056	SO	Nitrate (as N)	2.71	2.71	mg/kg		J+	bf				1.76 mg/l
SA206-10B	R0903729	SW6010	SO	Tin	4.7	11.0	mg/kg	B	U	bl	3.9			
SA206-25B	R0903729	SM 5540C	SO	MBAS	2.0	3.9	mg/kg	BJ	UJ	bl,bf,m	1.2			0.159 mg/l
SA206-25B	R0903729	SW 846 8260B	SO	Methylene chloride	1.0	1.0	ug/kg	J	U	bt		0.68 ug/l		
SA206-25B	R0903729	SW 846 9056	SO	Nitrate (as N)	2.04	2.04	mg/kg		J+	bf				1.76 mg/l
SA206-25B	R0903729	SW6010	SO	Tin	6.1	16.1	mg/kg	B	U	bl	3.9			
SA206-30B	R0903729	Lloyd Kahn	SO	Total Organic Carbon	250	290	mg/kg	BJ	U	bl,bf	65.9-70			0.5 mg/l
SA206-30B	R0903729	SM 5540C	SO	MBAS	2.3	3.3	mg/kg	BJ	UJ	bf,m				0.159 mg/l
SA206-30B	R0903729	SW 846 8260B	SO	2-Butanone	140	140	ug/kg	J	U	bl	120			
SA206-30B	R0903729	SW 846 9056	SO	Nitrate (as N)	1.68	1.68	mg/kg		J+	bf				1.76 mg/l
SA206-30B	R0903729	SW6010	SO	Tin	5.4	13.4	mg/kg	B	U	bl	3.9			
SA69-0.5B	R0903729	SM 5540C	SO	MBAS	1.2	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
SA69-0.5B	R0903729	SW 846 8260B	SO	Acetone	6.4	6.4	ug/kg	BJ	UJ	bl,bf,l	4.0			3.7 ug/l
SA69-0.5B	R0903729	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	4.70	4.70	ng/kg	BJ	U	bl	3.72			
SA69-0.5B	R0903729	SW 846 9056	SO	Chloride	4.3	4.3	mg/kg	B	J+	bf				9.7 mg/l
SA69-0.5B	R0903729	SW 846 9056	SO	Nitrate (as N)	1.42	1.42	mg/kg		J+	bf				1.76 mg/l
SA69-0.5B	R0903729	SW 846 9056	SO	Sulfate	175	175	mg/kg		J+	bf				5.5 mg/l
SA69-0.5B	R0903729	SW6010	SO	Boron	4.5	10.5	mg/kg	B	UJ	bl,sd	8.0ug/l			
SA69-0.5B	R0903729	SW6010	SO	Tin	4.2	10.5	mg/kg	B	U	bl	3.9			
SA69-10B	R0903729	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
SA69-10B	R0903729	SW 846 9056	SO	Chloride	1.9	1.9	mg/kg	BJ	U	bl,bf	1.3mg/kg 0.131mg/l			9.7 mg/l
SA69-10B	R0903729	SW 846 9056	SO	Nitrate (as N)	1.15	1.15	mg/kg		J+	bf				1.76 mg/l
SA69-10B	R0903729	SW 846 9056	SO	Sulfate	102	102	mg/kg		J+	bf				5.5 mg/l
SA69-10B	R0903729	SW6010	SO	Boron	6.7	10.7	mg/kg	B	UJ	bl,sd	8.0ug/l			
SA69-10B	R0903729	SW6010	SO	Tin	4.1	10.7	mg/kg	B	U	bl	3.9			
SA69-29B	R0903729	SM 5540C	SO	MBAS	1.5	3.0	mg/kg	J	UJ	bf,m				0.159 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA69-29B	R0903729	SW 846 8260B	SO	2-Butanone	150	150	ug/kg	J	U	bl	120			
SA69-29B	R0903729	SW 846 9056	SO	Chloride	278	278	mg/kg		J+	bf				9.7 mg/l
SA69-29B	R0903729	SW 846 9056	SO	Nitrate (as N)	7.36	7.36	mg/kg		J+	bf				1.76 mg/l
SA69-29B	R0903729	SW6010	SO	Tin	5.1	12.7	mg/kg	B	U	bl	3.9			
RSAM4-0.5B	R0903820	SM 5540C	SO	MBAS	1.9	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAM4-0.5B	R0903820	SW 846 8260B	SO	Methylene chloride	1.0	1.0	ug/kg	J	U	be			3.4 ug/l	
RSAM4-0.5B	R0903820	SW 846 8260B	SO	Toluene	0.26	0.26	ug/kg	J	U	bt		0.24 ug/l		
RSAM4-0.5B	R0903820	SW 846 9056	SO	Chloride	384	384	mg/kg		J+	bf				9.7 mg/l
RSAM4-0.5B	R0903820	SW 846 9056	SO	Nitrate (as N)	3.30	3.3	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAM4-0.5B	R0903820	SW6010	SO	Boron	8	10.4	mg/kg	B	U	bl,be	0.9mg/kg 6.0ug/l		5.8 ug/l	
RSAM4-0.5B	R0903820	SW6010	SO	Nickel	15.9	15.9	mg/kg		J+	be			30.5 ug/l	
RSAM4-0.5B	R0903820	SW6010	SO	Tin	4.3	10.4	mg/kg	B	U	bl	3.9			
RSAM4-10B	R0903820	SM 5540C	SO	MBAS	1.4	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAM4-10B	R0903820	SW 846 8260B	SO	Methylene chloride	0.68	0.68	ug/kg	J	U	be,bt		0.47 ug/l	3.4 ug/l	
RSAM4-10B	R0903820	SW 846 8260B	SO	Toluene	0.39	0.39	ug/kg	J	U	bt		0.24 ug/l		
RSAM4-10B	R0903820	SW 846 9056	SO	Chloride	393	393	mg/kg		J+	bf				9.7 mg/l
RSAM4-10B	R0903820	SW 846 9056	SO	Nitrate (as N)	3.29	3.29	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAM4-10B	R0903820	SW 846 9056	SO	Sulfate	424	424	mg/kg		J+	bf				5.5 mg/l
RSAM4-10B	R0903820	SW6010	SO	Molybdenum	0.29	0.31	mg/kg	B	U	bl,be	0.40ug/l		0.9 ug/l	
RSAM4-10B	R0903820	SW6010	SO	Nickel	17.1	17.1	mg/kg		J+	be			30.5 ug/l	
RSAM4-10B	R0903820	SW6010	SO	Tin	4.4	10.5	mg/kg	B	U	bl	3.9			
RSAM4-30B	R0903820	SW 846 8260B	SO	Acetone	5.0	5.0	ug/kg	BJ	UJ	bl,be,bf,i	4.3		3.9 ug/l	3.7 ug/l
RSAM4-30B	R0903820	SW 846 8260B	SO	Methylene chloride	0.84	0.84	ug/kg	J	UJ	be,bt,i		0.47 ug/l	3.4 ug/l	
RSAM4-30B	R0903820	SW 846 8260B	SO	Toluene	0.48	0.48	ug/kg	J	U	bt		0.24 ug/l		
RSAM4-30B	R0903820	SW 846 9056	SO	Chloride	476	476	mg/kg		J+	bf				9.7 mg/l
RSAM4-30B	R0903820	SW 846 9056	SO	Nitrate (as N)	4.02	4.02	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAM4-30B	R0903820	SW6010	SO	Nickel	9.87	9.87	mg/kg		J+	be			30.5 ug/l	
RSAM4-30B	R0903820	SW6010	SO	Tin	6.1	14.5	mg/kg	B	U	bl	3.9			
RSAN3-0.5B	R0903820	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN3-0.5B	R0903820	SW 846 8260B	SO	Acetone	3.6	3.6	ug/kg	BJ	UJ	bl,be,bf,l	4.0		3.9 ug/l	3.7 ug/l
RSAN3-0.5B	R0903820	SW 846 8260B	SO	Toluene	0.42	0.42	ug/kg	J	U	bt		0.24 ug/l		
RSAN3-0.5B	R0903820	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	1.75	1.75	ng/kg	BJ	U	bl	0.695			
RSAN3-0.5B	R0903820	SW 846 8315A	SO	Formaldehyde	61	61	ug/kg	BJ	UJ	bl,c	41			
RSAN3-0.5B	R0903820	SW 846 9056	SO	Chloride	3.2	3.2	mg/kg	B	J+	bf				9.7 mg/l
RSAN3-0.5B	R0903820	SW 846 9056	SO	Nitrate (as N)	1.53	1.53	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAN3-0.5B	R0903820	SW 846 9056	SO	Sulfate	8.2	8.2	mg/kg		J+	bf				5.5 mg/l
RSAN3-0.5B	R0903820	SW6010	SO	Antimony	0.6	2.1	mg/kg	B,N	UJ	bl,be,m	1.4mg/kg 3.0ug/l		0.02 ug/l	
RSAN3-0.5B	R0903820	SW6010	SO	Boron	8.7	10.7	mg/kg	B	U	bl,be	0.9mg/kg 6.0ug/l		5.8 ug/l	
RSAN3-0.5B	R0903820	SW6010	SO	Nickel	15.7	15.7	mg/kg		J+	be			30.5 ug/l	
RSAN3-0.5B	R0903820	SW6010	SO	Tin	4.8	10.7	mg/kg	B	U	bl	3.9			
RSAN3009-20B	R0903820	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN3009-20B	R0903820	SW 846 8260B	SO	Acetone	6.6	6.6	ug/kg	BJ	UJ	bl,be,bf,l	4.0		3.9 ug/l	3.7 ug/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN3009-20B	R0903820	SW 846 8260B	SO	Methylene chloride	0.62	0.62	ug/kg	J	U	be,bt		0.47 ug/l	3.4 ug/l	
RSAN3009-20B	R0903820	SW 846 8260B	SO	Toluene	0.39	0.39	ug/kg	J	U	bt		0.24 ug/l		
RSAN3009-20B	R0903820	SW 846 9056	SO	Chloride	8.7	8.7	mg/kg	B	J+	bf				9.7 mg/l
RSAN3009-20B	R0903820	SW 846 9056	SO	Nitrate (as N)	2.46	2.46	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAN3009-20B	R0903820	SW6010	SO	Nickel	12	12.0	mg/kg		J+	be			30.5 ug/l	
RSAN3009-20B	R0903820	SW6010	SO	Selenium	1.3	4.2	mg/kg	B	U	bl	0.8mg/kg 4.0ug/l			
RSAN3009-20B	R0903820	SW6010	SO	Tin	4.3	10.5	mg/kg	B	U	bl	3.9			
RSAN3-10B	R0903820	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN3-10B	R0903820	SW 846 8260B	SO	Acetone	6.0	6.0	ug/kg	BJ	UJ	bl,be,bf,l	4.0		3.9 ug/l	3.7 ug/l
RSAN3-10B	R0903820	SW 846 8260B	SO	Methylene chloride	0.38	0.38	ug/kg	J	U	be,bt		0.47 ug/l	3.4 ug/l	
RSAN3-10B	R0903820	SW 846 8260B	SO	Toluene	0.33	0.33	ug/kg	J	U	bt		0.24 ug/l		
RSAN3-10B	R0903820	SW 846 8315A	SO	Formaldehyde	63	63	ug/kg	BJ	UJ	bl,c	41			
RSAN3-10B	R0903820	SW 846 9056	SO	Chloride	3.8	3.8	mg/kg	B	J+	bf				9.7 mg/l
RSAN3-10B	R0903820	SW 846 9056	SO	Nitrate (as N)	1.80	1.8	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAN3-10B	R0903820	SW 846 9056	SO	Sulfate	129	129	mg/kg		J+	bf				5.5 mg/l
RSAN3-10B	R0903820	SW6010	SO	Nickel	16.9	16.9	mg/kg		J+	be			30.5 ug/l	
RSAN3-10B	R0903820	SW6010	SO	Tin	4.4	10.4	mg/kg	B	U	bl	3.9			
RSAN3-20B	R0903820	SM 5540C	SO	MBAS	0.7	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN3-20B	R0903820	SW 846 8260B	SO	Acetone	5.1	5.1	ug/kg	BJ	UJ	bl,be,bf,l	4.0		3.9 ug/l	3.7 ug/l
RSAN3-20B	R0903820	SW 846 8260B	SO	Methylene chloride	0.33	0.33	ug/kg	J	U	be,bt		0.47 ug/l	3.4 ug/l	
RSAN3-20B	R0903820	SW 846 8260B	SO	Toluene	0.36	0.36	ug/kg	J	U	bt		0.24 ug/l		
RSAN3-20B	R0903820	SW 846 9056	SO	Chloride	8.8	8.8	mg/kg	B	J+	bf				9.7 mg/l
RSAN3-20B	R0903820	SW 846 9056	SO	Nitrate (as N)	2.43	2.43	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAN3-20B	R0903820	SW6010	SO	Antimony	0.6	2.1	mg/kg	B,N	UJ	bl,be,m	1.4mg/kg 3.0ug/l		0.02 ug/l	
RSAN3-20B	R0903820	SW6010	SO	Nickel	12.9	12.9	mg/kg		J+	be			30.5 ug/l	
RSAN3-20B	R0903820	SW6010	SO	Tin	4.3	10.7	mg/kg	B	U	bl	3.9			
RSAN3-32B	R0903820	Lloyd Kahn	SO	Total Organic Carbon	170	280	mg/kg	BJ	U	bl,be,bf	50- 76mg/kg 76mg/l		0.9 mg/l	0.5 mg/l
RSAN3-32B	R0903820	SM 5540C	SO	MBAS	1.2	2.8	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN3-32B	R0903820	SW 846 8260B	SO	2-Butanone	77	77	ug/kg	BJ	U	bl	120			
RSAN3-32B	R0903820	SW 846 9056	SO	Chloride	566	566	mg/kg		J+	bf				9.7 mg/l
RSAN3-32B	R0903820	SW 846 9056	SO	Nitrate (as N)	2.93	2.93	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAN3-32B	R0903820	SW6010	SO	Nickel	13.6	13.6	mg/kg		J+	be			30.5 ug/l	
RSAN3-32B	R0903820	SW6010	SO	Tin	5.6	13.9	mg/kg	B	U	bl	3.9			
RSAN4-0.5B	R0903820	SM 5540C	SO	MBAS	1.2	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN4-0.5B	R0903820	SW 846 8260B	SO	Acetone	4.6	4.6	ug/kg	BJ	UJ	bl,be,bf,l	5.4		3.9 ug/l	3.7 ug/l
RSAN4-0.5B	R0903820	SW 846 8260B	SO	Methylene chloride	0.45	0.45	ug/kg	BJ	U	be,bt		0.47 ug/l	3.4 ug/l	
RSAN4-0.5B	R0903820	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.743	0.743	ng/kg	BJ	UJ	i,bl	0.56			
RSAN4-0.5B	R0903820	SW 846 9056	SO	Chloride	2.1	2.2	mg/kg	BJ	U	bl,be,bf	1.3mg/kg 0.14mg/l		1.5 mg/l	9.7 mg/l
RSAN4-0.5B	R0903820	SW 846 9056	SO	Nitrate (as N)	1.37	1.37	mg/kg		J+	be,bf			0.84 mg/l	1.76 mg/l
RSAN4-0.5B	R0903820	SW 846 9056	SO	Sulfate	8.4	8.4	mg/kg	B	J+	bf				5.5 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN4-0.5B	R0903820	SW6010	SO	Boron	5.9	10.8	mg/kg	B	U	bl,be	0.9mg/kg 6.0ug/l		5.8 ug/l	
RSAN4-0.5B	R0903820	SW6010	SO	Nickel	16.2	16.2	mg/kg		J+	be			30.5 ug/l	
RSAN4-0.5B	R0903820	SW6010	SO	Tin	4.2	10.8	mg/kg	B	U	bl	3.9			
RSAN4009-10B	R0903820	SM 5540C	SO	MBAS	0.7	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN4009-10B	R0903820	SW 846 9056	SO	Chloride	16.0	16.0	mg/kg		J+	bf				9.7 mg/l
RSAN4009-10B	R0903820	SW 846 9056	SO	Nitrate (as N)	2.80	2.80	mg/kg		J+	bf				1.76 mg/l
RSAN4009-10B	R0903820	SW 846 9056	SO	Sulfate	238	238	mg/kg		J+	bf				5.5 mg/l
RSAN4009-10B	R0903820	SW6010	SO	Boron	8.7	10.8	mg/kg	B	U	bl	0.9mg/kg 6.0ug/l			
RSAN4009-10B	R0903820	SW6010	SO	Tin	4.3	10.8	mg/kg	B	U	bl	3.9			
RSAN4-10B	R0903820	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN4-10B	R0903820	SW 846 8260B	SO	Toluene	0.32	0.32	ug/kg	J	U	bt		0.31ug/l		
RSAN4-10B	R0903820	SW 846 9056	SO	Chloride	15.9	15.9	mg/kg		J+	bf				9.7 mg/l
RSAN4-10B	R0903820	SW 846 9056	SO	Nitrate (as N)	2.81	2.81	mg/kg		J+	bf				1.76 mg/l
RSAN4-10B	R0903820	SW 846 9056	SO	Sulfate	234	234	mg/kg		J+	bf				5.5 mg/l
RSAN4-10B	R0903820	SW6010	SO	Boron	7.3	10.6	mg/kg	B	U	bl	0.9mg/kg 6.0ug/l			
RSAN4-10B	R0903820	SW6010	SO	Selenium	1.1	4.2	mg/kg	B	U	bl	0.8mg/kg 4.0ug/l			
RSAN4-10B	R0903820	SW6010	SO	Tin	4.4	10.6	mg/kg	B	U	bl	3.9			
RSAN4-20B	R0903820	SM 5540C	SO	MBAS	3.0	3.0	mg/kg		J	bf,m				0.159 mg/l
RSAN4-20B	R0903820	SW 846 8260B	SO	Methylene chloride	0.34	0.34	ug/kg	BJ	U	bl,bt	0.81	0.39 ug/l		
RSAN4-20B	R0903820	SW 846 8260B	SO	Toluene	0.33	0.33	ug/kg	J	U	bt		0.31ug/l		
RSAN4-20B	R0903820	SW 846 9056	SO	Chloride	282	282	mg/kg		J+	bf				9.7 mg/l
RSAN4-20B	R0903820	SW 846 9056	SO	Nitrate (as N)	6.26	6.26	mg/kg		J+	bf				1.76 mg/l
RSAN4-20B	R0903820	SW 846 9056	SO	Sulfate	377	377	mg/kg		J+	bf				5.5 mg/l
RSAN4-20B	R0903820	SW6010	SO	Selenium	0.9	4.3	mg/kg	B	U	bl	0.8mg/kg 4.0ug/l			
RSAN4-20B	R0903820	SW6010	SO	Tin	4.4	10.7	mg/kg	B	U	bl	3.9			
RSAN4-31B	R0903820	Lloyd Kahn	SO	Total Organic Carbon	200	290	mg/kg	BJ	U	bl,bf	50- 76mg/kg 76mg/l			0.5 mg/l
RSAN4-31B	R0903820	SM 5540C	SO	MBAS	0.8	3.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAN4-31B	R0903820	SW 846 8260B	SO	Methylene chloride	1.1	1.1	ug/kg	BJ	U	bl	0.81			
RSAN4-31B	R0903820	SW 846 9056	SO	Chloride	497	497	mg/kg		J+	bf				9.7 mg/l
RSAN4-31B	R0903820	SW 846 9056	SO	Nitrate (as N)	5.57	5.57	mg/kg		J+	bf				1.76 mg/l
RSAN4-31B	R0903820	SW6010	SO	Tin	6.5	15.2	mg/kg	B	U	bl	3.9			
SA85-10B	R0903820	SW 846 8260B	SO	Toluene	0.32	0.32	ug/kg	J	U	bt		0.31ug/l		
SA85-10B	R0903820	SW 846 9056	SO	Chloride	26.9	26.9	mg/kg		J+	bf				9.7 mg/l
SA85-10B	R0903820	SW 846 9056	SO	Nitrate (as N)	2.69	2.69	mg/kg		J+	bf				1.76 mg/l
SA85-10B	R0903820	SW 846 9056	SO	Sulfate	67.6	67.6	mg/kg		J+	bf				5.5 mg/l
SA85-10B	R0903820	SW6010	SO	Boron	8	10.4	mg/kg	B	U	bl	0.9mg/kg 6.0ug/l			
SA85-10B	R0903820	SW6010	SO	Tin	4.7	10.4	mg/kg	B	U	bl	3.9			
SA85-20B	R0903820	SW 846 8260B	SO	Acetone	6.6	6.6	ug/kg	BJ	UJ	bl,bf,l	5.4			3.7 ug/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA85-20B	R0903820	SW 846 8260B	SO	Toluene	0.51	0.51	ug/kg	J	U	bt		0.31ug/l		
SA85-20B	R0903820	SW 846 9056	SO	Chloride	32.3	32.3	mg/kg		J+	bf				9.7 mg/l
SA85-20B	R0903820	SW 846 9056	SO	Nitrate (as N)	2.63	2.63	mg/kg		J+	bf				1.76 mg/l
SA85-20B	R0903820	SW 846 9056	SO	Sulfate	267	267	mg/kg		J+	bf				5.5 mg/l
SA85-20B	R0903820	SW6010	SO	Boron	9.7	10.8	mg/kg	B	U	bl	0.9mg/kg 6.0ug/l			
SA85-20B	R0903820	SW6010	SO	Selenium	0.9	4.3	mg/kg	B	U	bl	0.8mg/kg 4.0ug/l			
SA85-20B	R0903820	SW6010	SO	Tin	4.4	10.8	mg/kg	B	U	bl	3.9			
SA85-33B	R0903820	EPA 350.1	SO	Ammonia (as N)	0.26	0.78	mg/kg	J	U	bf				0.191 mg/l
SA85-33B	R0903820	Lloyd Kahn	SO	Total Organic Carbon	180	290	mg/kg	BJ	U	bl,bf	50- 76mg/kg 76mg/l			0.5 mg/l
SA85-33B	R0903820	SM 5540C	SO	MBAS	1.3	3.1	mg/kg	J	UJ	bf,m				0.159 mg/l
SA85-33B	R0903820	SW 846 8260B	SO	2-Butanone	98	98	ug/kg	BJ	U	bl	120			
SA85-33B	R0903820	SW 846 9056	SO	Nitrate (as N)	7.70	7.70	mg/kg		J+	bf				1.76 mg/l
SA85-33B	R0903820	SW6010	SO	Tin	6.1	14.7	mg/kg	B	U	bl	3.9			
RSA03009-20B	R0903866	SM 5540C	SO	MBAS	1.4	2.5	mg/kg	J	UJ	bf,m				0.159 mg/l
RSA03009-20B	R0903866	SW 846 9056	SO	Chloride	11.6	11.6	mg/kg	B	J+	bf				9.7 mg/l
RSA03009-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.56	1.56	mg/kg		J	bf,m				1.76 mg/l
RSA03009-20B	R0903866	SW6010	SO	Molybdenum	0.35	0.38	mg/kg	B	U	bl	0.40ug/l			
RSA03009-20B	R0903866	SW6010	SO	Selenium	1.2	5.0	mg/kg	B	U	bl	4.0ug/l			
RSA03009-20B	R0903866	SW6010	SO	Tin	5.6	12.6	mg/kg	B	U	bl	3.8			
RSA03-10B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.23	0.55	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
RSA03-10B	R0903866	SW 846 8260B	SO	Methylene chloride	0.98	0.98	ug/kg	J	U	bt		0.54 ug/l		
RSA03-10B	R0903866	SW 846 9056	SO	Bromide	0.5	1.1	mg/kg	J	U	bl	0.084mg/l			
RSA03-10B	R0903866	SW 846 9056	SO	Chloride	13.8	13.8	mg/kg		J+	bf				9.7 mg/l
RSA03-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.27	1.27	mg/kg		J	bf,m				1.76 mg/l
RSA03-10B	R0903866	SW 846 9056	SO	Sulfate	71.5	71.5	mg/kg		J	bf,ld				5.5 mg/l
RSA03-10B	R0903866	SW6010	SO	Boron	9.2	10.6	mg/kg	B	U	bl	6.0ug/l			
RSA03-10B	R0903866	SW6010	SO	Tin	4.8	10.6	mg/kg	B	U	bl	3.8			
RSA03-20B	R0903866	SM 5540C	SO	MBAS	1.7	2.6	mg/kg	J	UJ	bf,m				0.159 mg/l
RSA03-20B	R0903866	SW 846 8260B	SO	Methylene chloride	0.87	0.87	ug/kg	J	U	bt		0.54 ug/l		
RSA03-20B	R0903866	SW 846 9056	SO	Chloride	11.4	11.4	mg/kg	B	J+	bf				9.7 mg/l
RSA03-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.34	1.34	mg/kg		J	bf,m				1.76 mg/l
RSA03-20B	R0903866	SW6010	SO	Selenium	1.3	4.8	mg/kg	B	U	bl	4.0ug/l			
RSA03-20B	R0903866	SW6010	SO	Tin	5.2	12.1	mg/kg	B	U	bl	3.8			
RSAM2009-20B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.55	0.55	mg/kg		J+	be,bf	0.15		0.216 mg/l	0.191 mg/l
RSAM2009-20B	R0903866	SM 5540C	SO	MBAS	1.5	2.1	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
RSAM2009-20B	R0903866	SW 846 8260B	SO	Acetone	4.1	4.1	ug/kg	J	UJ	bt,be,bf,fd		4.1 ug/l	18 ug/l	3.7 ug/l
RSAM2009-20B	R0903866	SW 846 9056	SO	Chloride	557	557	mg/kg		J+	bf				9.7 mg/l
RSAM2009-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.58	1.58	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
RSAM2009-20B	R0903866	SW6010	SO	Nickel	16.2	16.2	mg/kg		J+	be			19.9 ug/l	
RSAM2009-20B	R0903866	SW6010	SO	Tin	4.5	10.3	mg/kg	B	U	bl	3.8			
RSAM2-10B	R0903866	SM 5540C	SO	MBAS	1.4	2.2	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
RSAM2-10B	R0903866	SW 846 8260B	SO	Acetone	8.9	8.9	ug/kg	J	U	be			18 ug/l	

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAM2-10B	R0903866	SW 846 8260B	SO	Toluene	0.29	0.29	ug/kg	J	U	bt,be		0.33 ug/l	6.1 ug/l	
RSAM2-10B	R0903866	SW 846 9056	SO	Chloride	683	683	mg/kg		J+	bf				9.7 mg/l
RSAM2-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.54	1.54	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
RSAM2-10B	R0903866	SW 846 9056	SO	Sulfate	298	298	mg/kg		J	bf,ld				5.5 mg/l
RSAM2-10B	R0903866	SW6010	SO	Boron	8.9	10.7	mg/kg	B	U	bl	6.0ug/l			
RSAM2-10B	R0903866	SW6010	SO	Nickel	14.9	14.9	mg/kg		J+	be			19.9 ug/l	
RSAM2-10B	R0903866	SW6010	SO	Selenium	0.9	4.3	mg/kg	B	U	bl	4.0ug/l			
RSAM2-10B	R0903866	SW6010	SO	Tin	4.8	10.7	mg/kg	B	U	bl	3.8			
RSAM2-20B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.43	0.54	mg/kg	J	U	be,bf	0.15		0.216 mg/l	0.191 mg/l
RSAM2-20B	R0903866	SM 5540C	SO	MBAS	1.9	2.1	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
RSAM2-20B	R0903866	SW 846 8260B	SO	Toluene	1.0	1.0	ug/kg	J	U	be			6.1 ug/l	
RSAM2-20B	R0903866	SW 846 9056	SO	Chloride	526	526	mg/kg		J+	bf				9.7 mg/l
RSAM2-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.55	1.55	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
RSAM2-20B	R0903866	SW6010	SO	Nickel	17.5	17.5	mg/kg		J+	be			19.9 ug/l	
RSAM2-20B	R0903866	SW6010	SO	Selenium	0.8	4.2	mg/kg	B	U	bl	4.0ug/l			
RSAM2-20B	R0903866	SW6010	SO	Tin	4.7	10.5	mg/kg	B	U	bl	3.8			
RSAM2-35B	R0903866	Lloyd Kahn	SO	Total Organic Carbon	240	290	mg/kg	BJ	U	bl,be,bf	56-60		0.6 mg/l	0.5 mg/l
RSAM2-35B	R0903866	SM 5540C	SO	MBAS	2.0	3.1	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
RSAM2-35B	R0903866	SW 846 9056	SO	Bromide	0.7	1.5	mg/kg	BJ	U	bl	0.4mg/kg 0.04mg/l			
RSAM2-35B	R0903866	SW 846 9056	SO	Nitrate (as N)	2.05	2.05	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
RSAM2-35B	R0903866	SW6010	SO	Nickel	19	19	mg/kg		J+	be			19.9 ug/l	
RSAM2-35B	R0903866	SW6010	SO	Selenium	0.9	5.0	mg/kg	B	U	bl	4.0ug/l			
RSAM2-35B	R0903866	SW6010	SO	Tin	5.6	12.4	mg/kg	B	U	bl	3.8			
RSAM3-10B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.38	0.54	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
RSAM3-10B	R0903866	SW 846 8260B	SO	Acetone	5.2	5.2	ug/kg	J	U	bf				3.7 ug/l
RSAM3-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	12.9	12.9	mg/kg		J	bf,m				1.76 mg/l
RSAM3-10B	R0903866	SW6010	SO	Tin	4.8	10.4	mg/kg	B	U	bl	3.8			
RSAM3-30B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.35	0.71	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
RSAM3-30B	R0903866	SM 5540C	SO	MBAS	3.2	3.2	mg/kg		J	bf,m				0.159 mg/l
RSAM3-30B	R0903866	SW 846 8260B	SO	2-Butanone	100	100	ug/kg	J	U	bl	89			
RSAM3-30B	R0903866	SW 846 9056	SO	Bromide	0.6	1.4	mg/kg	J	U	bl	0.054mg/l			
RSAM3-30B	R0903866	SW 846 9056	SO	Nitrate (as N)	2.26	2.26	mg/kg		J	bf,m				1.76 mg/l
RSAM3-30B	R0903866	SW 846 9056	SO	Sulfate	511	511	mg/kg		J	bf,ld				5.5 mg/l
RSAM3-30B	R0903866	SW6010	SO	Selenium	0.8	4.6	mg/kg	B	U	bl	4.0ug/l			
RSAM3-30B	R0903866	SW6010	SO	Tin	4.9	11.4	mg/kg	B	U	bl	3.8			
SA176009-37B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.16	0.79	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
SA176009-37B	R0903866	Lloyd Kahn	SO	Total Organic Carbon	140	270	mg/kg	BJ	U	bl,bf	56-60			0.5 mg/l
SA176009-37B	R0903866	SW 846 9056	SO	Bromide	1.2	1.6	mg/kg	J	U	bl	0.054mg/l			
SA176009-37B	R0903866	SW 846 9056	SO	Chloride	639	639	mg/kg		J+	bf				9.7 mg/l
SA176009-37B	R0903866	SW 846 9056	SO	Nitrate (as N)	5.88	5.88	mg/kg		J	bf,m				1.76 mg/l
SA176009-37B	R0903866	SW6010	SO	Selenium	1.2	5.2	mg/kg	B	U	bl	4.0ug/l			
SA176009-37B	R0903866	SW6010	SO	Tin	5.9	12.9	mg/kg	B	U	bl	3.8			
SA176-10B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.40	0.53	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
SA176-10B	R0903866	SM 5540C	SO	MBAS	1.2	2.1	mg/kg	J	J	bf,m				0.159 mg/l
SA176-10B	R0903866	SW 846 8260B	SO	Acetone	4.8	4.8	ug/kg	J	U	bf				3.7 ug/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA176-10B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	37	37	ug/kg	BJ	UJ	bl,c	39			
SA176-10B	R0903866	SW 846 9056	SO	Bromide	0.8	1.1	mg/kg	J	U	bl	0.054mg/l			
SA176-10B	R0903866	SW 846 9056	SO	Chloride	119	119	mg/kg		J+	bf				9.7 mg/l
SA176-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	15.5	15.5	mg/kg		J	bf,m				1.76 mg/l
SA176-10B	R0903866	SW 846 9056	SO	Sulfate	176	176	mg/kg		J	bf,ld				5.5 mg/l
SA176-10B	R0903866	SW6010	SO	Boron	7.2	10.0	mg/kg	B	U	bl	6.0ug/l			
SA176-10B	R0903866	SW6010	SO	Tin	4.2	10.0	mg/kg	B	U	bl	3.8			
SA176-25B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.24	0.60	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
SA176-25B	R0903866	SW 846 8260B	SO	Acetone	5.9	5.9	ug/kg	J	U	bf				3.7 ug/l
SA176-25B	R0903866	SW 846 9056	SO	Chloride	599	599	mg/kg		J+	bf				9.7 mg/l
SA176-25B	R0903866	SW 846 9056	SO	Nitrate (as N)	11.6	11.6	mg/kg		J	bf,m				1.76 mg/l
SA176-25B	R0903866	SW6010	SO	Selenium	0.9	4.8	mg/kg	B	U	bl	4.0ug/l			
SA176-25B	R0903866	SW6010	SO	Tin	5.1	12.0	mg/kg	B	U	bl	3.8			
SA176-37B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.36	0.79	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
SA176-37B	R0903866	Lloyd Kahn	SO	Total Organic Carbon	280	300	mg/kg	BJ	U	bl,bf	56-60			0.5 mg/l
SA176-37B	R0903866	SW 846 9056	SO	Bromide	1.2	1.6	mg/kg	J	U	bl	0.054mg/l			
SA176-37B	R0903866	SW 846 9056	SO	Chloride	687	687	mg/kg		J+	bf				9.7 mg/l
SA176-37B	R0903866	SW 846 9056	SO	Nitrate (as N)	5.88	5.88	mg/kg		J	bf,m				1.76 mg/l
SA176-37B	R0903866	SW6010	SO	Tin	6.1	13.1	mg/kg	B	U	bl	3.8			
SA35009-32B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.45	0.79	mg/kg	BJ	U	bl,be,bf	0.15		0.216 mg/l	0.191 mg/l
SA35009-32B	R0903866	SM 5540C	SO	MBAS	0.8	3.2	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
SA35009-32B	R0903866	SW 846 9056	SO	Bromide	0.7	1.6	mg/kg	J	U	bl	0.054mg/l			
SA35009-32B	R0903866	SW 846 9056	SO	Chloride	239	239	mg/kg		J+	bf				9.7 mg/l
SA35009-32B	R0903866	SW 846 9056	SO	Nitrate (as N)	6.71	6.71	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
SA35009-32B	R0903866	SW6010	SO	Selenium	1.3	5.0	mg/kg	B	U	bl	4.0ug/l			
SA35009-32B	R0903866	SW6010	SO	Tin	5.5	12.5	mg/kg	B	U	bl	3.8			
SA35-10B	R0903866	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
SA35-10B	R0903866	SW 846 8260B	SO	Acetone	5.9	5.9	ug/kg	J	U	bt,be,bf		4.1 ug/l	18 ug/l	3.7 ug/l
SA35-10B	R0903866	SW 846 8260B	SO	Methylene chloride	0.76	0.76	ug/kg	J	U	bt,be		0.60 ug/l	1.2 ug/l	
SA35-10B	R0903866	SW 846 9056	SO	Bromide	0.6	1.1	mg/kg	BJ	U	bl	0.4mg/kg 0.04mg/l			
SA35-10B	R0903866	SW 846 9056	SO	Chloride	3.6	3.6	mg/kg		J+	bf				9.7 mg/l
SA35-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.54	1.54	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
SA35-10B	R0903866	SW 846 9056	SO	Sulfate	8.4	8.4	mg/kg		J	be,bf,ld			2.4 mg/l	5.5 mg/l
SA35-10B	R0903866	SW6010	SO	Boron	5.5	10.6	mg/kg	B	U	bl	6.0ug/l			
SA35-10B	R0903866	SW6010	SO	Nickel	13.6	13.6	mg/kg		J+	be			19.9 ug/l	
SA35-10B	R0903866	SW6010	SO	Selenium	0.8	4.2	mg/kg	B	U	bl	4.0ug/l			
SA35-10B	R0903866	SW6010	SO	Tin	4.5	10.6	mg/kg	B	U	bl	3.8			
SA35-20B	R0903866	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
SA35-20B	R0903866	SW 846 8260B	SO	Acetone	9.3	9.3	ug/kg	J	U	be			18 ug/l	
SA35-20B	R0903866	SW 846 8260B	SO	Methylene chloride	1.1	1.1	ug/kg	J	U	bt,be		0.60 ug/l	1.2 ug/l	
SA35-20B	R0903866	SW 846 9056	SO	Bromide	0.5	1.1	mg/kg	BJ	U	bl	0.4mg/kg 0.04mg/l			
SA35-20B	R0903866	SW 846 9056	SO	Chloride	4.2	4.2	mg/kg		J+	bf				9.7 mg/l
SA35-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.36	1.36	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
SA35-20B	R0903866	SW6010	SO	Boron	8.1	10.3	mg/kg	B	U	bl	6.0ug/l			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA35-20B	R0903866	SW6010	SO	Nickel	16.8	16.8	mg/kg		J+	be			19.9 ug/l	
SA35-20B	R0903866	SW6010	SO	Tin	4.4	10.3	mg/kg	B	U	bl	3.8			
SA35-32B	R0903866	Lloyd Kahn	SO	Total Organic Carbon	130	300	mg/kg	BJ	U	bl,be,bf	56-60		0.6 mg/l	0.5 mg/l
SA35-32B	R0903866	SM 5540C	SO	MBAS	1.7	3.1	mg/kg	J	UJ	be,bf,m			0.047 mg/l	0.159 mg/l
SA35-32B	R0903866	SW 846 9056	SO	Bromide	0.6	1.6	mg/kg	BJ	U	bl	0.4mg/kg 0.04mg/l			
SA35-32B	R0903866	SW 846 9056	SO	Chloride	180	180	mg/kg		J+	bf				9.7 mg/l
SA35-32B	R0903866	SW 846 9056	SO	Nitrate (as N)	5.78	5.78	mg/kg		J	be,bf,m			0.66 mg/l	1.76 mg/l
SA35-32B	R0903866	SW6010	SO	Tin	6.9	15.2	mg/kg	B	U	bl	3.8			
SA55-25B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.34	0.64	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
SA55-25B	R0903866	SW 846 8260B	SO	Acetone	6.5	6.5	ug/kg	J	U	bf				3.7 ug/l
SA55-25B	R0903866	SW 846 9056	SO	Nitrate (as N)	23.6	23.6	mg/kg		J	bf,m				1.76 mg/l
SA55-25B	R0903866	SW6010	SO	Antimony	0.8	2.6	mg/kg	B,N	UJ	bl,m	0.6mg/kg 3.0ug/l			
SA55-25B	R0903866	SW6010	SO	Tin	5.4	12.8	mg/kg	B	U	bl	3.8			
SA55-35B	R0903866	EPA 350.1	SO	Ammonia (as N)	0.23	0.81	mg/kg	BJ	U	bl,bf	0.15			0.191 mg/l
SA55-35B	R0903866	SM 5540C	SO	MBAS	1.8	3.2	mg/kg	J	UJ	bf,m				0.159 mg/l
SA55-35B	R0903866	SW 846 8270C	SO	Di-N-Butyl phthalate	53	53	ug/kg	BJ	UJ	bl,c	52			
SA55-35B	R0903866	SW 846 9056	SO	Chloride	267	267	mg/kg		J+	bf				9.7 mg/l
SA55-35B	R0903866	SW 846 9056	SO	Nitrate (as N)	4.26	4.26	mg/kg		J	bf,m				1.76 mg/l
SA55-35B	R0903866	SW6010	SO	Tin	7	15.9	mg/kg	B	U	bl	3.8			
RSAM3-10BSPLP2	R0903926	EPA 365.1M	W	Total Phosphorus-P	0.013	0.050	mg/l	BJ	U	bl	0.014			
RSAM3-10BSPLP2	R0903926	SW 846 6010B	W	Barium	0.605	0.605	mg/l		J+	bl	0.174			
RSAM3-10BSPLP2	R0903926	SW 846 6010B	W	Boron	0.24	0.24	mg/l		J+	bl	0.054			
RSAM3-10BSPLP2	R0903926	SW 846 6010B	W	Zinc	0.121	0.121	mg/l		J+	bl	0.0335			
RSAM3-10BSPLP2	R0903926	SW 846 8270C	W	Di-N-Butyl phthalate	0.76	0.76	ug/l	BJ	UJ	bl,c	0.83-8.0			
RSAM3-10BSPLP2	R0903926	SW 846 9056 Modified	W	Nitrate (as N)	0.422	0.422	mg/l	B	J+	bl	0.122			
RSAM3-10BSPLP2	R0903926	SW 846 9060	W	Total Organic Carbon	0.3	1.0	mg/l	BJ	U	bl	0.3			
RSAM3-10BSPLP3	R0903926	EPA 365.1M	W	Total Phosphorus-P	0.014	0.050	mg/l	BJ	U	bl	0.014			
RSAM3-10BSPLP3	R0903926	SW 846 8270C	W	Di-N-Butyl phthalate	1.7	1.7	ug/l	BJ	UJ	bl,c	0.83-8.0			
RSAM3-10BSPLP3	R0903926	SW 846 9056 Modified	W	Nitrate (as N)	0.396	0.396	mg/l	B	J+	bl	0.092			
RSA03009-20B	R0903970	SW 846 8260B	SO	Methylene chloride	1.0	1.0	ug/kg	J	U	be			19 ug/l	
RSA03009-20B	R0903970	SW 846 9056	SO	Chloride	14.7	14.7	mg/kg		J+	be,bf			2.2 mg/l	9.7 mg/l
RSA03009-20B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.53	1.53	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
RSA03009-20B	R0903970	SW6010	SO	Nickel	12.4	12.4	mg/kg		J	be,sd			13.7 ug/l	
RSA03009-20B	R0903970	SW6010	SO	Tin	5.2	13.0	mg/kg	B	U	bl	3.8			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSA03009-20B	R0903970	SW6020	SO	Tungsten	0.2	0.26	mg/kg	B,N	UJ	bl,be,bf,m	0.019ug/l		0.03 ug/l	0.02 ug/l
RSA03009-20B	R0903970	SW7471	SO	Mercury	0.014	0.024	mg/kg	B	U	be			0.02 ug/l	
RSA03-10B	R0903970	SM 5540C	SO	MBAS	1.4	2.2	mg/kg	J	UJ	be,bf,m			0.061 mg/l	0.159 mg/l
RSA03-10B	R0903970	SW 846 8260B	SO	Acetone	3.7	3.7	ug/kg	J	UJ	be,bf,l			4.2 ug/l	3.7 ug/l
RSA03-10B	R0903970	SW 846 8260B	SO	Methylene chloride	0.34	0.34	ug/kg	J	U	be			19 ug/l	
RSA03-10B	R0903970	SW 846 8260B	SO	Toluene	0.34	0.34	ug/kg	J	U	bt,be		0.26 ug/l	0.33 ug/l	
RSA03-10B	R0903970	SW 846 9056	SO	Chloride	13.7	13.7	mg/kg		J+	be,bf			2.2 mg/l	9.7 mg/l
RSA03-10B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.15	1.15	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
RSA03-10B	R0903970	SW 846 9056	SO	Sulfate	77.1	77.1	mg/kg		J+	be,bf			5.6 mg/l	5.5 mg/l
RSA03-10B	R0903970	SW6010	SO	Boron	7.9	11.0	mg/kg	B	U	bl	20.0ug/l			
RSA03-10B	R0903970	SW6010	SO	Nickel	13.6	13.6	mg/kg		J	be,sd			13.7 ug/l	
RSA03-10B	R0903970	SW6010	SO	Tin	4.4	11.0	mg/kg	B	U	bl	3.8			
RSA03-10B	R0903970	SW6020	SO	Tungsten	0.11	0.11	mg/kg	B,N	UJ	bl,be,bf,m	0.019 ug/l		0.03 ug/l	0.02 ug/l
RSA03-10B	R0903970	SW7471	SO	Mercury	0.01	0.019	mg/kg	B	U	be			0.02 ug/l	
RSA03-20B	R0903970	SM 5540C	SO	MBAS	1.6	2.6	mg/kg	J	UJ	be,bf,m			0.061 mg/l	0.159 mg/l
RSA03-20B	R0903970	SW 846 8260B	SO	Methylene chloride	1.7	1.7	ug/kg	J	U	be			19 ug/l	
RSA03-20B	R0903970	SW 846 9056	SO	Chloride	14.8	14.8	mg/kg		J+	be,bf			2.2 mg/l	9.7 mg/l
RSA03-20B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.54	1.54	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
RSA03-20B	R0903970	SW6010	SO	Nickel	12.1	12.1	mg/kg		J	be,sd			13.7 ug/l	
RSA03-20B	R0903970	SW6010	SO	Tin	4.9	12.8	mg/kg	B	U	bl	3.8			
RSA03-20B	R0903970	SW6020	SO	Tungsten	0.2	0.26	mg/kg	B,N	UJ	bl,be,bf,m	0.019ug/l		0.03 ug/l	0.02 ug/l
RSA03-20B	R0903970	SW7471	SO	Mercury	0.014	0.022	mg/kg	B	U	be			0.02 ug/l	
RSA03-31B	R0903970	EPA 350.1	SO	Ammonia (as N)	0.25	0.79	mg/kg	BJ	U	bl,be,bf	0.15		0.111 mg/l	0.191 mg/l
RSA03-31B	R0903970	Lloyd Kahn	SO	Total Organic Carbon	260	290	mg/kg	J	U	bl,be,bf	50-79		0.4 mg/l	0.5 mg/l
RSA03-31B	R0903970	SM 5540C	SO	MBAS	14.4	14.4	mg/kg		J	bf,m				0.159 mg/l
RSA03-31B	R0903970	SW 846 9056	SO	Chloride	154	154	mg/kg		J+	be,bf			2.2 mg/l	9.7 mg/l
RSA03-31B	R0903970	SW 846 9056	SO	Nitrate (as N)	4.23	4.23	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
RSA03-31B	R0903970	SW6010	SO	Tin	6.8	15.6	mg/kg	B	U	bl	3.8			
RSA03-31B	R0903970	SW7471	SO	Mercury	0.005	0.019	mg/kg	B	U	be			0.02 ug/l	
RSAJ5009-19B	R0903970	SM 5540C	SO	MBAS	1.1	2.3	mg/kg	J	UJ	be,bf,m			0.061 mg/l	0.159 mg/l
RSAJ5009-19B	R0903970	SW 846 8260B	SO	Acetone	7.6	7.6	ug/kg	J	UJ	be,l			4.2 ug/l	
RSAJ5009-19B	R0903970	SW 846 8260B	SO	Methylene chloride	0.68	0.68	ug/kg	J	U	be			19 ug/l	
RSAJ5009-19B	R0903970	SW 846 8260B	SO	Toluene	0.56	0.56	ug/kg	J	U	be			0.33 ug/l	
RSAJ5009-19B	R0903970	SW 846 9056	SO	Chloride	29.1	29.1	mg/kg		J+	be,bf			2.2 mg/l	9.7 mg/l
RSAJ5009-19B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.53	1.53	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
RSAJ5009-19B	R0903970	SW6010	SO	Nickel	8.73	8.73	mg/kg		J	be,sd			13.7 ug/l	
RSAJ5009-19B	R0903970	SW6010	SO	Tin	4.7	11.1	mg/kg	B	U	bl	3.8			
RSAJ5009-19B	R0903970	SW7471	SO	Mercury	0.004	0.019	mg/kg	B	U	be			0.02 ug/l	
RSAJ5-10B	R0903970	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAJ5-10B	R0903970	SW 846 8260B	SO	2-Butanone	0.77	0.77	ug/kg	J	U	be			1.4 ug/l	
RSAJ5-10B	R0903970	SW 846 8260B	SO	Acetone	14	14	ug/kg	B	U	be			13 ug/l	
RSAJ5-10B	R0903970	SW 846 9056	SO	Chloride	19.4	19.4	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
RSAJ5-10B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.74	1.74	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
RSAJ5-10B	R0903970	SW 846 9056	SO	Sulfate	78.4	78.4	mg/kg		J+	be,bf			24.2 mg/l	5.5 mg/l
RSAJ5-10B	R0903970	SW6010	SO	Boron	8.9	10.7	mg/kg	B	U	bl	20.0ug/l			
RSAJ5-10B	R0903970	SW6010	SO	Tin	4.7	10.7	mg/kg	B	U	bl	3.8			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAJ5-10B	R0903970	SW6020	SO	Tungsten	0.1	0.11	mg/kg	B,N	UJ	bl,be,bf,m	0.019ug/l		0.02 ug/l	0.02 ug/l
RSAJ5-19B	R0903970	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	UJ	be,bf,m			0.061 mg/l	0.159 mg/l
RSAJ5-19B	R0903970	SW 846 8260B	SO	Methylene chloride	1.5	1.5	ug/kg	J	U	be			19 ug/l	
RSAJ5-19B	R0903970	SW 846 9056	SO	Chloride	27.0	27.0	mg/kg		J+	be,bf			2.2 mg/l	9.7 mg/l
RSAJ5-19B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.45	1.45	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
RSAJ5-19B	R0903970	SW6010	SO	Nickel	8.67	8.67	mg/kg		J	be,sd			13.7 ug/l	
RSAJ5-19B	R0903970	SW6010	SO	Tin	4.6	11.2	mg/kg	B	U	bl	3.8			
RSAJ5-19B	R0903970	SW7471	SO	Mercury	0.004	0.018	mg/kg	B	U	be			0.02 ug/l	
RS AK5-10B	R0903970	SW 846 8260B	SO	2-Butanone	1.0	1.0	ug/kg	J	U	be			1.4 ug/l	
RS AK5-10B	R0903970	SW 846 8260B	SO	Acetone	11	11	ug/kg	BJ	U	be			13 ug/l	
RS AK5-10B	R0903970	SW 846 9056	SO	Chloride	69.6	69.6	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
RS AK5-10B	R0903970	SW 846 9056	SO	Nitrate (as N)	3.68	3.68	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
RS AK5-10B	R0903970	SW6010	SO	Boron	6.3	10.6	mg/kg	B	U	bl	20.0ug/l			
RS AK5-10B	R0903970	SW6010	SO	Tin	4	10.6	mg/kg	B	U	bl	3.8			
RS AK5-22B	R0903970	SM 5540C	SO	MBAS	1	2.4	mg/kg	J	UJ	bf,m				0.159 mg/l
RS AK5-22B	R0903970	SW 846 8260B	SO	Acetone	7.1	7.1	ug/kg	BJ	U	be,bf			13 ug/l	3.7 ug/l
RS AK5-22B	R0903970	SW 846 9056	SO	Chloride	50.2	50.2	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
RS AK5-22B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.20	1.20	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
RS AK5-22B	R0903970	SW6010	SO	Tin	4.8	12.2	mg/kg	B	U	bl	3.8			
RSAL5-0.5B	R0903970	SM 5540C	SO	MBAS	1.2	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAL5-0.5B	R0903970	SW 846 8260B	SO	2-Butanone	0.66	0.66	ug/kg	J	U	be			1.4 ug/l	
RSAL5-0.5B	R0903970	SW 846 8260B	SO	Acetone	19	19	ug/kg	B	U	be			13 ug/l	
RSAL5-0.5B	R0903970	SW 846 8260B	SO	Methylene chloride	0.36	1.36	ug/kg	J	U	bt,be		0.55 ug/l	11 ug/l	
RSAL5-0.5B	R0903970	SW 846 9056	SO	Chloride	4.1	4.1	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
RSAL5-0.5B	R0903970	SW 846 9056	SO	Nitrate (as N)	2.16	2.16	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
RSAL5-0.5B	R0903970	SW 846 9056	SO	Sulfate	157	157	mg/kg		J+	be,bf			24.2 mg/l	5.5 mg/l
RSAL5-0.5B	R0903970	SW6010	SO	Boron	7	10.8	mg/kg	B	U	bl	20.0ug/l			
RSAL5-0.5B	R0903970	SW6010	SO	Tin	5	10.8	mg/kg	B	U	bl	3.8			
RSAL5-10B	R0903970	SM 5540C	SO	MBAS	1.2	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAL5-10B	R0903970	SW 846 8260B	SO	Acetone	4.5	4.5	ug/kg	BJ	U	bl,be,bf	2.4		13 ug/l	3.7 ug/l
RSAL5-10B	R0903970	SW 846 9056	SO	Chloride	31.0	31.0	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
RSAL5-10B	R0903970	SW 846 9056	SO	Nitrate (as N)	3.38	3.38	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
RSAL5-10B	R0903970	SW 846 9056	SO	Sulfate	1760	1760	mg/kg		J+	be			24.2 mg/l	
RSAL5-10B	R0903970	SW6010	SO	Boron	8.6	10.8	mg/kg	B	U	bl	20.0ug/l			
RSAL5-10B	R0903970	SW6010	SO	Tin	4.8	10.8	mg/kg	B	U	bl	3.8			
RSAL5-30B	R0903970	EPA 353.2	SO	Nitrite as Nitrogen	9.39	9.39	mg/kg	B	J+	bl	1.26			
RSAL5-30B	R0903970	SM 5540C	SO	MBAS	1.7	2.8	mg/kg	J	UJ	bf,m				0.159 mg/l
RSAL5-30B	R0903970	SW 846 8260B	SO	Acetone	5.5	5.5	ug/kg	BJ	U	be,bf			13 ug/l	3.7 ug/l
RSAL5-30B	R0903970	SW 846 9056	SO	Chloride	331	331	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
RSAL5-30B	R0903970	SW 846 9056	SO	Nitrate (as N)	55.2	55.2	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
RSAL5-30B	R0903970	SW 846 9056	SO	Sulfate	618	618	mg/kg		J+	be			24.2 mg/l	
RSAL5-30B	R0903970	SW6010	SO	Tin	5.3	13.7	mg/kg	B	U	bl	3.8			
SA189-10B	R0903970	EPA 350.1	SO	Ammonia (as N)	0.15	0.54	mg/kg	BJ	U	bl,be,bf	0.15		0.111 mg/l	0.191 mg/l
SA189-10B	R0903970	SM 5540C	SO	MBAS	2.3	2.3	mg/kg		J	be,bf,m			0.061 mg/l	0.159 mg/l
SA189-10B	R0903970	SW 846 8260B	SO	Acetone	8.2	8.2	ug/kg	J	UJ	be,l			4.2 ug/l	
SA189-10B	R0903970	SW 846 8260B	SO	Methylene chloride	0.88	0.88	ug/kg	J	U	be			19 ug/l	

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA189-10B	R0903970	SW 846 8260B	SO	Toluene	0.64	0.64	ug/kg	J	U	be			0.33 ug/l	
SA189-10B	R0903970	SW 846 9056	SO	Chloride	193	193	mg/kg		J+	be,bf			2.2 mg/l	9.7 mg/l
SA189-10B	R0903970	SW 846 9056	SO	Nitrate (as N)	7.67	7.67	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
SA189-10B	R0903970	SW 846 9056	SO	Sulfate	250	250	mg/kg		J+	be,bf			5.6 mg/l	5.5 mg/l
SA189-10B	R0903970	SW6010	SO	Boron	8.9	10.8	mg/kg	B	U	bl	10.0ug/l			
SA189-10B	R0903970	SW6010	SO	Nickel	12.9	12.9	mg/kg		J	be,sd			13.7 ug/l	
SA189-10B	R0903970	SW6010	SO	Tin	4.2	10.8	mg/kg	B	U	bl	3.8			
SA189-10B	R0903970	SW7471	SO	Mercury	0.008	0.017	mg/kg	B	U	be			0.02 ug/l	
SA189-29B	R0903970	EPA 350.1	SO	Ammonia (as N)	0.38	0.80	mg/kg	BJ	U	bl,be,bf	0.15		0.111 mg/l	0.191 mg/l
SA189-29B	R0903970	SM 5540C	SO	MBAS	2.2	3.2	mg/kg	J	UJ	be,bf,m			0.061 mg/l	0.159 mg/l
SA189-29B	R0903970	SW 846 8260B	SO	Methylene chloride	0.70	0.70	ug/kg	J	U	be			19 ug/l	
SA189-29B	R0903970	SW 846 8260B	SO	Toluene	0.50	0.50	ug/kg	J	U	bt,be		0.26 ug/l	0.33 ug/l	
SA189-29B	R0903970	SW 846 9056	SO	Chloride	444	444	mg/kg		J+	bf				9.7 mg/l
SA189-29B	R0903970	SW 846 9056	SO	Nitrate (as N)	4.30	4.30	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
SA189-29B	R0903970	SW6010	SO	Tin	4.7	11.3	mg/kg	B	U	bl	3.5			
SA189-29B	R0903970	SW7471	SO	Mercury	0.003	0.019	mg/kg	B	U	be			0.02 ug/l	
SA55-10B	R0903970	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	be,bf,m			0.061 mg/l	0.159 mg/l
SA55-10B	R0903970	SW 846 8260B	SO	Acetone	2.4	2.4	ug/kg	BJ	U	bl,be,bf	2.4		4.2 ug/l	3.7 ug/l
SA55-10B	R0903970	SW 846 8260B	SO	Methylene chloride	0.29	0.29	ug/kg	J	U	be,bt		0.28 ug/l	19 ug/l	
SA55-10B	R0903970	SW 846 9056	SO	Chloride	793	793	mg/kg		J+	bf				9.7 mg/l
SA55-10B	R0903970	SW 846 9056	SO	Nitrate (as N)	6.49	6.49	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
SA55-10B	R0903970	SW6010	SO	Tin	4.6	10.7	mg/kg	B	U	bl	3.8			
SA55-10B	R0903970	SW7471	SO	Mercury	0.013	0.019	mg/kg	B	U	be			0.02 ug/l	
SA55-25B	R0903970	SW 846 8260B	SO	Acetone	7.1	7.1	ug/kg	J	UJ	be,bf,l			4.2 ug/l	3.7 ug/l
SA55-25B	R0903970	SW 846 8260B	SO	Methylene chloride	0.64	0.64	ug/kg	J	U	be			19 ug/l	
SA55-25B	R0903970	SW 846 9056	SO	Nitrate (as N)	22.7	22.7	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
SA55-25B	R0903970	SW6010	SO	Nickel	13.3	13.3	mg/kg		J	be,sd			13.7 ug/l	
SA55-25B	R0903970	SW6010	SO	Tin	5	13.3	mg/kg	B	U	bl	3.8			
SA55-25B	R0903970	SW7471	SO	Mercury	0.008	0.025	mg/kg	B	U	be			0.02 ug/l	
SA55-35B	R0903970	Lloyd Kahn	SO	Total Organic Carbon	190	280	mg/kg	J	U	bl,be,bf	50-79		0.4 mg/l	0.5 mg/l
SA55-35B	R0903970	SM 5540C	SO	MBAS	1.3	3.3	mg/kg	J	UJ	be,bf,m			0.061 mg/l	0.159 mg/l
SA55-35B	R0903970	SW 846 8260B	SO	2-Butanone	120	120	ug/kg	J	U	bl	89			
SA55-35B	R0903970	SW 846 9056	SO	Chloride	268	268	mg/kg		J+	bf				9.7 mg/l
SA55-35B	R0903970	SW 846 9056	SO	Nitrate (as N)	4.49	4.49	mg/kg		J+	be,bf			1.06 mg/l	1.76 mg/l
SA55-35B	R0903970	SW6010	SO	Tin	6.7	16.3	mg/kg	B	U	bl	3.8			
SA55-35B	R0903970	SW7471	SO	Mercury	0.005	0.21	mg/kg	B	U	be			0.02 ug/l	
SA74-0.5B	R0903970	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
SA74-0.5B	R0903970	SW 846 8260B	SO	Acetone	4.1	4.1	ug/kg	BJ	U	bl,be,bf	2.4		13 ug/l	3.7 ug/l
SA74-0.5B	R0903970	SW 846 8260B	SO	Methylene chloride	0.43	0.43	ug/kg	J	U	bt,be		0.55 ug/l	11 ug/l	
SA74-0.5B	R0903970	SW 846 9056	SO	Chloride	6.2	6.2	mg/kg	B	J+	be,bf			2.0 mg/l	9.7 mg/l
SA74-0.5B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.66	1.66	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
SA74-0.5B	R0903970	SW 846 9056	SO	Sulfate	492	492	mg/kg		J+	be,bf			24.2 mg/l	5.5 mg/l
SA74-0.5B	R0903970	SW6010	SO	Boron	4.8	10.8	mg/kg	B	U	bl	20.0ug/l			
SA74-0.5B	R0903970	SW6010	SO	Tin	4.5	10.8	mg/kg	B	U	bl	3.8			
SA74009-0.5B	R0903970	SW 846 8260B	SO	Acetone	6.8	6.2	ug/kg	BJ	U	be,bf			13 ug/l	3.7 ug/l
SA74009-0.5B	R0903970	SW 846 9056	SO	Chloride	5.2	5.2	mg/kg	B	J+	be,bf			2.0 mg/l	9.7 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA74009-0.5B	R0903970	SW 846 9056	SO	Nitrate (as N)	1.70	1.70	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
SA74009-0.5B	R0903970	SW 846 9056	SO	Sulfate	355	355	mg/kg		J+	be,bf			24.2 mg/l	5.5 mg/l
SA74009-0.5B	R0903970	SW6010	SO	Boron	5.5	11.0	mg/kg	B	U	bl	20.0ug/l			
SA74009-0.5B	R0903970	SW6010	SO	Tin	5.2	11.0	mg/kg	B	U	bl	3.8			
SA74-10B	R0903970	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	UJ	bf,m				0.159 mg/l
SA74-10B	R0903970	SW 846 8260B	SO	Acetone	13	13	ug/kg	BJ	U	be			13 ug/l	
SA74-10B	R0903970	SW 846 9056	SO	Chloride	24.9	24.9	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
SA74-10B	R0903970	SW 846 9056	SO	Nitrate (as N)	3.74	3.74	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
SA74-10B	R0903970	SW 846 9056	SO	Sulfate	149	149	mg/kg		J+	be,bf			24.2 mg/l	5.5 mg/l
SA74-10B	R0903970	SW6010	SO	Boron	8.6	11.0	mg/kg	B	U	bl	20.0ug/l			
SA74-10B	R0903970	SW6010	SO	Tin	4.5	11.0	mg/kg	B	U	bl	3.8			
SA74-29B	R0903970	EPA 353.2	SO	Nitrite as Nitrogen	6.38	6.38	mg/kg	B	J+	bl	1.26			
SA74-29B	R0903970	SM 5540C	SO	MBAS	2.9	2.9	mg/kg		J	bf,m				0.159 mg/l
SA74-29B	R0903970	SW 846 8260B	SO	Acetone	3.0	3.0	ug/kg	BJ	U	bl,be,bf	2.4		13 ug/l	3.7 ug/l
SA74-29B	R0903970	SW 846 8260B	SO	Methylene chloride	0.58	0.58	ug/kg	J	U	bt,be		0.55 ug/l	11 ug/l	
SA74-29B	R0903970	SW 846 9056	SO	Chloride	162	162	mg/kg		J+	be,bf			2.0 mg/l	9.7 mg/l
SA74-29B	R0903970	SW 846 9056	SO	Nitrate (as N)	27.5	27.5	mg/kg		J+	be,bf			1.19 mg/l	1.76 mg/l
SA74-29B	R0903970	SW 846 9056	SO	Sulfate	490	490	mg/kg		J+	be,bf			24.2 mg/l	5.5 mg/l
SA74-29B	R0903970	SW6010	SO	Tin	4.9	12.6	mg/kg	B	U	bl	3.8			
RSAJ6-10B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.27	0.55	mg/kg	BJ	U	bl,be,bf	0.15		0.011 mg/l	0.191 mg/l
RSAJ6-10B	R0904016	SM 5540C	SO	MBAS	1.4	2.2	mg/kg	J	U	be,bf			0.063 mg/l	0.159 mg/l
RSAJ6-10B	R0904016	SW 846 8260B	SO	Acetone	3.6	3.6	ug/kg	J	UJ	be,bf,l			11 ug/l	3.7 ug/l
RSAJ6-10B	R0904016	SW 846 8260B	SO	Chloroform	0.43	0.43	ug/kg	J	U	bt		0.24 ug/l		
RSAJ6-10B	R0904016	SW 846 8260B	SO	Methylene chloride	0.75	0.75	ug/kg	J	U	be,bt		1.0 ug/l	7.9 ug/l	
RSAJ6-10B	R0904016	SW 846 9056	SO	Chloride	10.5	10.5	mg/kg		J+	bf				9.7 mg/l
RSAJ6-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	2.90	2.90	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l
RSAJ6-10B	R0904016	SW 846 9056	SO	Sulfate	85.2	85.2	mg/kg		J+	be,bf			9.6 mg/l	5.5 mg/l
RSAJ6-10B	R0904016	SW6010	SO	Nickel	15.1	15.1	mg/kg		J	be,ld			20.6 ug/l	
RSAJ6-10B	R0904016	SW6010	SO	Tin	4	11.0	mg/kg	B	U	bl	3.7			
RSAJ6-19B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.17	0.58	mg/kg	BJ	U	bl,be,bf	0.15		0.011 mg/l	0.191 mg/l
RSAJ6-19B	R0904016	SM 5540C	SO	MBAS	3.2	1.2	mg/kg		J+	be,bf			0.063 mg/l	0.159 mg/l
RSAJ6-19B	R0904016	SW 846 8260B	SO	Acetone	12	12	ug/kg	BJ	UJ	be,l			11 ug/l	
RSAJ6-19B	R0904016	SW 846 8260B	SO	Methylene chloride	9.9	9.9	ug/kg		U	be			7.9 ug/l	
RSAJ6-19B	R0904016	SW 846 9056	SO	Bromide	1.1	1.2	mg/kg	J	U	be			0.6 mg/l	
RSAJ6-19B	R0904016	SW 846 9056	SO	Chloride	189	189	mg/kg		J+	bf				9.7 mg/l
RSAJ6-19B	R0904016	SW 846 9056	SO	Nitrate (as N)	11.1	11.1	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l
RSAJ6-19B	R0904016	SW6010	SO	Nickel	9.55	9.55	mg/kg		J	be,ld			20.6 ug/l	
RSAJ6-19B	R0904016	SW6010	SO	Tin	4.3	11.3	mg/kg	B	U	bl	3.7			
RS AK6-10B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.09	0.55	mg/kg	BJ	U	bl,be,bf	0.15		0.011 mg/l	0.191 mg/l
RS AK6-10B	R0904016	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	U	be,bf			0.063 mg/l	0.159 mg/l
RS AK6-10B	R0904016	SW 846 8260B	SO	Acetone	3.4	3.4	ug/kg	BJ	UJ	bl,be,bf,l	3.6		11 ug/l	3.7 ug/l
RS AK6-10B	R0904016	SW 846 8260B	SO	Chloroform	0.31	0.31	ug/kg	J	U	bt		0.24 ug/l		
RS AK6-10B	R0904016	SW 846 8260B	SO	Methylene chloride	0.39	0.39	ug/kg	J	U	be,bt		1.0 ug/l	7.9 ug/l	
RS AK6-10B	R0904016	SW 846 9056	SO	Bromide	0.9	1.1	mg/kg	J	U	be			0.6 mg/l	
RS AK6-10B	R0904016	SW 846 9056	SO	Chloride	487	487	mg/kg		J+	bf				9.7 mg/l
RS AK6-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	6.35	6.35	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAK6-10B	R0904016	SW 846 9056	SO	Sulfate	597	597	mg/kg		J+	be			9.6 mg/l	
RSAK6-10B	R0904016	SW6010	SO	Boron	7.5	11.0	mg/kg	B	UJ	bl,sd	4.0ug/l			
RSAK6-10B	R0904016	SW6010	SO	Nickel	14.6	14.6	mg/kg		J	be,ld			20.6 ug/l	
RSAK6-10B	R0904016	SW6010	SO	Tin	4.5	11.0	mg/kg	B	U	bl	3.7			
RSAK6-24B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.25	0.56	mg/kg	BJ	U	bl,be,bf	0.15		0.011 mg/l	0.191 mg/l
RSAK6-24B	R0904016	SM 5540C	SO	MBAS	2.6	2.6	mg/kg		J+	be,bf			0.063 mg/l	0.159 mg/l
RSAK6-24B	R0904016	SW 846 8260B	SO	Acetone	5.4	5.4	ug/kg	BJ	UJ	bl,be,bf,l	3.6		11 ug/l	3.7 ug/l
RSAK6-24B	R0904016	SW 846 8260B	SO	Methylene chloride	0.51	0.51	ug/kg	J	U	be,bt		1.0 ug/l	7.9 ug/l	
RSAK6-24B	R0904016	SW 846 9056	SO	Bromide	0.9	1.1	mg/kg	J	U	be			0.6 mg/l	
RSAK6-24B	R0904016	SW 846 9056	SO	Chloride	164	164	mg/kg		J+	bf				9.7 mg/l
RSAK6-24B	R0904016	SW6010	SO	Nickel	9.91	9.91	mg/kg		J	be,ld			20.6 ug/l	
RSAK6-24B	R0904016	SW6010	SO	Tin	4.4	11.2	mg/kg	B	U	bl	3.7			
RSAK8009-26B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.46	0.82	mg/kg	J	U	be,bf			0.699 mg/l	0.191 mg/l
RSAK8009-26B	R0904016	SW 846 8260B	SO	Acetone	5.7	5.7	ug/kg	BJ	U	bl,be,bf	3.2		12 ug/l	3.7 ug/l
RSAK8009-26B	R0904016	SW 846 9056	SO	Chloride	498	498	mg/kg		J+	bf				9.7 mg/l
RSAK8009-26B	R0904016	SW 846 9056	SO	Nitrate (as N)	8.53	8.53	mg/kg		J+	be,bf			2.73 mg/l	1.76 mg/l
RSAK8009-26B	R0904016	SW6010	SO	Nickel	16.2	16.2	mg/kg		J	be,ld			49.0 ug/l	
RSAK8009-26B	R0904016	SW6010	SO	Tin	5	11.7	mg/kg	B	U	bl	3.7			
RSAK8-10B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.91	0.91	mg/kg		J+	be,bf			0.699 mg/l	0.191 mg/l
RSAK8-10B	R0904016	SM 5540C	SO	MBAS	2.0	2.2	mg/kg	J	U	be,bf			0.135 mg/l	0.159 mg/l
RSAK8-10B	R0904016	SW 846 8260B	SO	Methylene chloride	0.62	0.62	ug/kg	J	U	be			2.0 ug/l	
RSAK8-10B	R0904016	SW 846 9056	SO	Chloride	543	543	mg/kg		J+	bf				9.7 mg/l
RSAK8-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	14.3	14.3	mg/kg		J+	be,bf			2.73 mg/l	1.76 mg/l
RSAK8-10B	R0904016	SW6010	SO	Boron	9.9	11.0	mg/kg	B	UJ	bl,sd	4.0ug/l			
RSAK8-10B	R0904016	SW6010	SO	Nickel	14.8	14.8	mg/kg		J	be,ld			49.0 ug/l	
RSAK8-26B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.48	0.82	mg/kg	J	U	be,bf			0.699 mg/l	0.191 mg/l
RSAK8-26B	R0904016	SM 5540C	SO	MBAS	2.1	3.3	mg/kg	J	UJ	be,bf,fd			0.135 mg/l	0.159 mg/l
RSAK8-26B	R0904016	SW 846 8260B	SO	Acetone	22	22	ug/kg	BJ	U	be			12 ug/l	
RSAK8-26B	R0904016	SW 846 8260B	SO	Methylene chloride	0.63	0.63	ug/kg	J	U	be			2.0 ug/l	
RSAK8-26B	R0904016	SW 846 9056	SO	Chloride	446	446	mg/kg		J+	bf				9.7 mg/l
RSAK8-26B	R0904016	SW 846 9056	SO	Nitrate (as N)	8.59	8.59	mg/kg		J+	be,bf			2.73 mg/l	1.76 mg/l
RSAK8-26B	R0904016	SW6010	SO	Nickel	15.8	15.8	mg/kg		J	be,ld			49.0 ug/l	
RSAK8-26B	R0904016	SW6010	SO	Tin	5	11.7	mg/kg	B	U	bl	3.7			
RSAL8-10B	R0904016	SM 5540C	SO	MBAS	1.2	2.2	mg/kg	J	U	be,bf			0.135 mg/l	0.159 mg/l
RSAL8-10B	R0904016	SW 846 8260B	SO	Acetone	7.8	7.8	ug/kg	BJ	UJ	be,l			12 ug/l	
RSAL8-10B	R0904016	SW 846 8260B	SO	Methylene chloride	0.93	0.93	ug/kg	J	U	be			2.0 ug/l	
RSAL8-10B	R0904016	SW 846 9056	SO	Chloride	251	251	mg/kg		J+	be,bf			2.9 mg/l	9.7 mg/l
RSAL8-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	7.07	7.07	mg/kg		J+	be,bf			2.73 mg/l	1.76 mg/l
RSAL8-10B	R0904016	SW 846 9056	SO	Sulfate	92.7	92.7	mg/kg		J+	be,bf			0.017 mg/l	5.5 mg/l
RSAL8-10B	R0904016	SW6010	SO	Boron	4.9	11.0	mg/kg	B	UJ	bl,sd	4.0ug/l			
RSAL8-10B	R0904016	SW6010	SO	Nickel	13	13	mg/kg		J	be,ld			49.0 ug/l	
RSAL8-10B	R0904016	SW6010	SO	Tin	4.2	11.0	mg/kg	B	U	bl	3.7			
RSAL8-28B	R0904016	EPA 350.1	SO	Ammonia (as N)	3.08	3.08	mg/kg		J+	be,bf			0.699 mg/l	0.191 mg/l
RSAL8-28B	R0904016	SM 5540C	SO	MBAS	1.8	2.9	mg/kg	J	U	be,bf			0.135 mg/l	0.159 mg/l
RSAL8-28B	R0904016	SW 846 8260B	SO	Acetone	8.3	8.3	ug/kg	BJ	UJ	be,l			12 ug/l	
RSAL8-28B	R0904016	SW 846 8260B	SO	Methylene chloride	0.86	0.86	ug/kg	J	U	be			2.0 ug/l	

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAL8-28B	R0904016	SW 846 9056	SO	Chloride	253	253	mg/kg		J+	be,bf			2.9 mg/l	9.7 mg/l
RSAL8-28B	R0904016	SW 846 9056	SO	Nitrate (as N)	4.85	4.85	mg/kg		J+	be,bf			2.73 mg/l	1.76 mg/l
RSAL8-28B	R0904016	SW6010	SO	Boron	9.7	10.5	mg/kg	B	UJ	bl,sd	4.0ug/l			
RSAL8-28B	R0904016	SW6010	SO	Molybdenum	0.23	0.32	mg/kg	B	U	bl	0.40ug/l			
RSAL8-28B	R0904016	SW6010	SO	Nickel	3.91	3.91	mg/kg		J	be,ld			49.0 ug/l	
RSAL8-28B	R0904016	SW6010	SO	Tin	4	10.5	mg/kg	B	U	bl	3.7			
SA166-10B	R0904016	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	U	be,bf			0.092 mg/l	0.159 mg/l
SA166-10B	R0904016	SW 846 8260B	SO	Acetone	5.7	5.7	ug/kg	BJ	UJ	bl,be,bf,l	3.6		6.9 ug/l	3.7 ug/l
SA166-10B	R0904016	SW 846 8260B	SO	Methylene chloride	0.41	0.41	ug/kg	J	U	be,bt		0.32 ug/l	0.27 ug/l	
SA166-10B	R0904016	SW 846 9056	SO	Chloride	234	234	mg/kg		J+	be,bf			8.2 mg/l	9.7 mg/l
SA166-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	5.13	5.13	mg/kg		J+	be,bf			0.95 mg/l	1.76 mg/l
SA166-10B	R0904016	SW 846 9056	SO	Sulfate	629	629	mg/kg		J+	be			0.011 mg/l	
SA166-10B	R0904016	SW6010	SO	Nickel	12.8	12.8	mg/kg		J	be,ld			20.6 ug/l	
SA166-10B	R0904016	SW6010	SO	Tin	4.1	10.7	mg/kg	B	U	bl	3.7			
SA166-20B	R0904016	SM 5540C	SO	MBAS	9.7	9.7	mg/kg		J+	bf				0.159 mg/l
SA166-20B	R0904016	SW 846 8260B	SO	Acetone	4.3	4.3	ug/kg	BJ	U	bl,be,bf	3.2		6.9 ug/l	3.7 ug/l
SA166-20B	R0904016	SW 846 8260B	SO	Methylene chloride	0.30	0.30	ug/kg	J	U	be,bt		0.32 ug/l	0.27 ug/l	
SA166-20B	R0904016	SW 846 9056	SO	Chloride	574	574	mg/kg		J+	be,bf			8.2 mg/l	9.7 mg/l
SA166-20B	R0904016	SW 846 9056	SO	Nitrate (as N)	3.80	3.80	mg/kg		J+	be,bf			0.95 mg/l	1.76 mg/l
SA166-20B	R0904016	SW6010	SO	Nickel	11	11	mg/kg		J	be,ld			20.6 ug/l	
SA166-20B	R0904016	SW6010	SO	Tin	4.3	10.5	mg/kg	B	U	bl	3.7			
SA166-31B	R0904016	EPA 1668A	SO	Decachlorobiphenyl	14.6	14.6	ng/kg	BJ	U	bl	21.7			
SA166-31B	R0904016	EPA 1668A	SO	Dichlorobiphenyl	438	438	ng/kg		U	bl	467			
SA166-31B	R0904016	EPA 1668A	SO	Heptachlorobiphenyl	160	160	ng/kg	J	U	bl	149			
SA166-31B	R0904016	EPA 1668A	SO	Hexachlorobiphenyl	581	581	ng/kg		U	bl	540			
SA166-31B	R0904016	EPA 1668A	SO	Monochlorobiphenyl	22.5	22.5	ng/kg	J	U	bl	6.27			
SA166-31B	R0904016	EPA 1668A	SO	Nonachlorobiphenyl	28.0	28.0	ng/kg	J	U	bl	32.2			
SA166-31B	R0904016	EPA 1668A	SO	Octachlorobiphenyl	37.6	37.6	ng/kg	J	U	bl	48.4			
SA166-31B	R0904016	EPA 1668A	SO	PCB-105	18.9	18.9	ng/kg	BJ	U	bl	27.9			
SA166-31B	R0904016	EPA 1668A	SO	PCB-109	3.13	3.13	ng/kg	BJ	U	bl	3.10			
SA166-31B	R0904016	EPA 1668A	SO	PCB-11	438	438	ng/kg	BJ	U	bl	427			
SA166-31B	R0904016	EPA 1668A	SO	PCB-118	50.8	50.8	ng/kg	BJ	U	bl	61.8			
SA166-31B	R0904016	EPA 1668A	SO	PCB-130	6.43	6.43	ng/kg	BJ	U	bl	6.70			
SA166-31B	R0904016	EPA 1668A	SO	PCB-132	43.8	43.8	ng/kg	BJ	U	bl	40.1			
SA166-31B	R0904016	EPA 1668A	SO	PCB-134	7.94	7.94	ng/kg	BJ	U	bl	5.49			
SA166-31B	R0904016	EPA 1668A	SO	PCB-136	20.1	20.1	ng/kg	BJ	U	bl	16.9			
SA166-31B	R0904016	EPA 1668A	SO	PCB-137	3.62	3.62	ng/kg	BJ	U	bl	3.11			
SA166-31B	R0904016	EPA 1668A	SO	PCB-141	28.7	28.7	ng/kg	BJ	U	bl	25.2			
SA166-31B	R0904016	EPA 1668A	SO	PCB-144	7.53	7.53	ng/kg	BJK	UJK	bl,k	6.02			
SA166-31B	R0904016	EPA 1668A	SO	PCB-146	16.1	16.1	ng/kg	BJ	U	bl	13.3			
SA166-31B	R0904016	EPA 1668A	SO	PCB-158	11.6	11.6	ng/kg	BJ	U	bl	12.3			
SA166-31B	R0904016	EPA 1668A	SO	PCB-16	22.7	22.7	ng/kg	B	U	bl	23.4			
SA166-31B	R0904016	EPA 1668A	SO	PCB-164	9.44	9.44	ng/kg	BJ	U	bl	9.10			
SA166-31B	R0904016	EPA 1668A	SO	PCB-167	4.23	4.23	ng/kg	BJ	U	bl	5.62			
SA166-31B	R0904016	EPA 1668A	SO	PCB-17	18.4	18.4	ng/kg	BJ	U	bl	19.0			
SA166-31B	R0904016	EPA 1668A	SO	PCB-170	15.5	15.5	ng/kg	BJ	U	bl	20.9			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA166-31B	R0904016	EPA 1668A	SO	PCB-172	2.84	2.84	ng/kg	BJK	UJK	bl,k	3.62			
SA166-31B	R0904016	EPA 1668A	SO	PCB-174	22.6	22.6	ng/kg	BJ	U	bl	19.5			
SA166-31B	R0904016	EPA 1668A	SO	PCB-176	3.92	3.92	ng/kg	BJ	U	bl	3.52			
SA166-31B	R0904016	EPA 1668A	SO	PCB-177	10.4	10.4	ng/kg	BJK	UJK	bl,k	8.21			
SA166-31B	R0904016	EPA 1668A	SO	PCB-178	5.15	5.15	ng/kg	BJ	U	bl	4.65			
SA166-31B	R0904016	EPA 1668A	SO	PCB-179	12.3	12.3	ng/kg	BJ	U	bl	9.20			
SA166-31B	R0904016	EPA 1668A	SO	PCB-183	17.3	17.3	ng/kg	BJ	U	bl	12.0			
SA166-31B	R0904016	EPA 1668A	SO	PCB-187	26.1	26.1	ng/kg	BJ	U	bl	23.0			
SA166-31B	R0904016	EPA 1668A	SO	PCB-190	2.06	2.06	ng/kg	BJK	UJK	bl,k	3.05			
SA166-31B	R0904016	EPA 1668A	SO	PCB-194	4.04	4.04	ng/kg	BJ	U	bl	10.3			
SA166-31B	R0904016	EPA 1668A	SO	PCB-196	2.88	2.88	ng/kg	BJK	UJK	bl,k	3.62			
SA166-31B	R0904016	EPA 1668A	SO	PCB-200	1.76	1.76	ng/kg	BJ	U	bl	1.48			
SA166-31B	R0904016	EPA 1668A	SO	PCB-201	2.28	2.28	ng/kg	BJK	UJK	bl,k	1.81			
SA166-31B	R0904016	EPA 1668A	SO	PCB-202	5.18	5.18	ng/kg	BJ	U	bl	5.20			
SA166-31B	R0904016	EPA 1668A	SO	PCB-203	7.83	7.83	ng/kg	BJ	U	bl	8.53			
SA166-31B	R0904016	EPA 1668A	SO	PCB-206	17.7	17.7	ng/kg	BJ	U	bl	21.4			
SA166-31B	R0904016	EPA 1668A	SO	PCB-207	2.12	2.12	ng/kg	BJK	UJK	bl,k	2.72			
SA166-31B	R0904016	EPA 1668A	SO	PCB-208	8.10	8.10	ng/kg	BJ	U	bl	8.07			
SA166-31B	R0904016	EPA 1668A	SO	PCB-22	21.9	21.9	ng/kg	BJ	U	bl	19.4			
SA166-31B	R0904016	EPA 1668A	SO	PCB-3	6.00	6.00	ng/kg	BJ	U	bl	6.27			
SA166-31B	R0904016	EPA 1668A	SO	PCB-31	51.2	51.2	ng/kg	BJ	U	bl	48.0			
SA166-31B	R0904016	EPA 1668A	SO	PCB-32	11.9	11.9	ng/kg	BJ	U	bl	12.0			
SA166-31B	R0904016	EPA 1668A	SO	PCB-37	19.3	19.3	ng/kg	BJ	U	bl	14.4			
SA166-31B	R0904016	EPA 1668A	SO	PCB-42	10.2	10.2	ng/kg	BJ	U	bl	9.20			
SA166-31B	R0904016	EPA 1668A	SO	PCB-48	8.92	8.92	ng/kg	BJ	U	bl	7.52			
SA166-31B	R0904016	EPA 1668A	SO	PCB-52	65.1	65.1	ng/kg	BJ	U	bl	58.2			
SA166-31B	R0904016	EPA 1668A	SO	PCB-56	13.1	13.1	ng/kg	BJ	U	bl	11.9			
SA166-31B	R0904016	EPA 1668A	SO	PCB-60	8.59	8.59	ng/kg	BJ	U	bl	7.12			
SA166-31B	R0904016	EPA 1668A	SO	PCB-64	19.1	19.1	ng/kg	BJ	U	bl	18.1			
SA166-31B	R0904016	EPA 1668A	SO	PCB-66	30.6	30.6	ng/kg	BJ	U	bl	26.1			
SA166-31B	R0904016	EPA 1668A	SO	PCB-68	3.56	3.56	ng/kg	BJ	U	bl	4.25			
SA166-31B	R0904016	EPA 1668A	SO	PCB-77	3.91	3.91	ng/kg	BJ	U	bl	3.29			
SA166-31B	R0904016	EPA 1668A	SO	PCB-82	2.94	2.94	ng/kg	BJK	UJK	bl,k	6.11			
SA166-31B	R0904016	EPA 1668A	SO	PCB-84	19.0	19.0	ng/kg	BJ	U	bl	18.7			
SA166-31B	R0904016	EPA 1668A	SO	PCB-92	15.1	15.1	ng/kg	BJK	UJK	bl,k	13.8			
SA166-31B	R0904016	EPA 1668A	SO	PCB-95	83.2	83.2	ng/kg	BJ	U	bl	78.2			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 107 + 124	2.09	2.09	ng/kg	BJK	UJK	bl,k	2.77			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 110 + 115	90.0	90.0	ng/kg	BJ	U	bl	92.6			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 128 + 166	14.1	14.1	ng/kg	BJ	U	bl	18.0			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 129 + 138 + 163	124	124	ng/kg	B	U	bl	125			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 135 + 151	53.8	53.8	ng/kg	BJ	U	bl	45.4			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 147 + 149	110	110	ng/kg	B	U	bl	93.4			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 153 + 168	107	107	ng/kg	B	U	bl	95.9			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 156 + 157	9.68	9.68	ng/kg	BJ	U	bl	18.7			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 171 + 173	7.24	7.24	ng/kg	BJ	U	bl	6.75			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 18 + 30	29.9	29.9	ng/kg	BJ	U	bl	28.3			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA166-31B	R0904016	EPA 1668A	SO	PCBs 180 + 193	34.4	34.4	ng/kg	BJ	U	bl	32.7			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 198 + 199	13.7	13.7	ng/kg	BJ	U	bl	15.6			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 20 + 28	56.8	56.8	ng/kg	BJ	U	bl	50.9			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 21 + 33	36.6	36.6	ng/kg	BJ	U	bl	30.9			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 26 + 29	9.10	9.10	ng/kg	BJ	U	bl	8.36			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 40 + 41 + 71	20.0	20.0	ng/kg	BJ	U	bl	20.4			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 44 + 47 + 65	48.9	48.9	ng/kg	BJ	U	bl	48.5			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 45 + 51	9.08	9.08	ng/kg	BJ	U	bl	9.22			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 49 + 69	23.7	23.7	ng/kg	BJ	U	bl	23.1			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 50 + 53	5.28	5.28	ng/kg	BJ	U	bl	4.72			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 59 + 62 + 75	3.20	3.20	ng/kg	BJ	U	bl	2.92			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	67.5	67.5	ng/kg	BJ	U	bl	59.5			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 83 + 99	28.9	28.9	ng/kg	BJ	U	bl	24.0			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 85 + 116	8.90	8.90	ng/kg	BJ	U	bl	8.86			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	53.5	53.5	ng/kg	BJ	U	bl	53.6			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 88 + 91	6.95	6.95	ng/kg	BJ	U	bl	7.44			
SA166-31B	R0904016	EPA 1668A	SO	PCBs 90 + 101 + 113	106	106	ng/kg	BJ	U	bl	94.2			
SA166-31B	R0904016	EPA 1668A	SO	Pentachlorobiphenyl	490	490	ng/kg		U	bl	499			
SA166-31B	R0904016	EPA 1668A	SO	Tetrachlorobiphenyl	341	341	ng/kg		U	bl	314			
SA166-31B	R0904016	EPA 1668A	SO	Trichlorobiphenyl	282	282	ng/kg		U	bl	255			
SA166-31B	R0904016	SM 5540C	SO	MBAS	1.5	2.7	mg/kg	J	U	be,bf			0.092 mg/l	0.159 mg/l
SA166-31B	R0904016	SW 846 8270C	SO	Di-N-Butyl phthalate	47	47	ug/kg	BJ	U	bl	45			
SA166-31B	R0904016	SW 846 9056	SO	Nitrate (as N)	2.69	2.69	mg/kg		J+	be,bf			0.95 mg/l	1.76 mg/l
SA166-31B	R0904016	SW 846 9056	SO	Sulfate	742	742	mg/kg		J+	be			0.011 mg/l	
SA166-31B	R0904016	SW6010	SO	Nickel	13	13	mg/kg		J	be,ld			20.6 ug/l	
SA166-31B	R0904016	SW6010	SO	Tin	4.5	11.2	mg/kg	B	U	bl	3.7			
SA56-10B	R0904016	SW 846 8260B	SO	Acetone	2.9	2.9	ug/kg	BJ	U	bl,be,bf	3.2		6.9 ug/l	3.7 ug/l
SA56-10B	R0904016	SW 846 8260B	SO	Methylene chloride	0.43	0.43	ug/kg	J	U	be,bt		0.32 ug/l	0.27 ug/l	
SA56-10B	R0904016	SW 846 9056	SO	Chloride	357	357	mg/kg		J+	be,bf			8.2 mg/l	9.7 mg/l
SA56-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	47.1	47.1	mg/kg		J+	be,bf			0.95 mg/l	1.76 mg/l
SA56-10B	R0904016	SW6010	SO	Boron	9.1	10.6	mg/kg	B	UJ	bl,sd	4.0ug/l			
SA56-10B	R0904016	SW6010	SO	Nickel	12.5	12.5	mg/kg		J	be,ld			20.6 ug/l	
SA56-10B	R0904016	SW6010	SO	Tin	4.3	10.6	mg/kg	B	U	bl	3.7			
SA56-25B	R0904016	SW 846 8260B	SO	Acetone	9.5	9.5	ug/kg	BJ	U	be			6.9 ug/l	
SA56-25B	R0904016	SW 846 8260B	SO	Methylene chloride	0.45	0.45	ug/kg	J	U	be,bt		0.32 ug/l	0.27 ug/l	
SA56-25B	R0904016	SW 846 9056	SO	Chloride	411	411	mg/kg		J+	be,bf			8.2 mg/l	9.7 mg/l
SA56-25B	R0904016	SW 846 9056	SO	Nitrate (as N)	18.8	18.8	mg/kg		J+	be,bf			0.95 mg/l	1.76 mg/l
SA56-25B	R0904016	SW6010	SO	Boron	9.2	10.8	mg/kg	B	UJ	bl,sd	4.0ug/l			
SA56-25B	R0904016	SW6010	SO	Nickel	11.6	11.6	mg/kg		J	be,ld			20.6 ug/l	
SA56-25B	R0904016	SW6010	SO	Tin	4.1	10.8	mg/kg	B	U	bl	3.7			
SA56-37B	R0904016	EPA 1668A	SO	Decachlorobiphenyl	18.1	18.1	ng/kg	BJ	U	bl	21.7			
SA56-37B	R0904016	EPA 1668A	SO	Dichlorobiphenyl	530	530	ng/kg		U	bl	467			
SA56-37B	R0904016	EPA 1668A	SO	Heptachlorobiphenyl	191	191	ng/kg	J	U	bl	149			
SA56-37B	R0904016	EPA 1668A	SO	Hexachlorobiphenyl	778	778	ng/kg		U	bl	540			
SA56-37B	R0904016	EPA 1668A	SO	Nonachlorobiphenyl	39.8	39.8	ng/kg	J	U	bl	32.2			
SA56-37B	R0904016	EPA 1668A	SO	Octachlorobiphenyl	62.5	62.5	ng/kg	J	U	bl	48.4			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA56-37B	R0904016	EPA 1668A	SO	PCB-105	22.5	22.5	ng/kg	BJ	U	bl	27.9			
SA56-37B	R0904016	EPA 1668A	SO	PCB-109	3.63	3.63	ng/kg	BJ	U	bl	3.10			
SA56-37B	R0904016	EPA 1668A	SO	PCB-11	530	530	ng/kg	BJ	U	bl	427			
SA56-37B	R0904016	EPA 1668A	SO	PCB-117	1.67	1.67	ng/kg	BJ	U	bl	1.42			
SA56-37B	R0904016	EPA 1668A	SO	PCB-118	66.1	66.1	ng/kg	BJ	U	bl	61.8			
SA56-37B	R0904016	EPA 1668A	SO	PCB-130	8.93	8.93	ng/kg	BJK	UJK	bl,k	6.70			
SA56-37B	R0904016	EPA 1668A	SO	PCB-132	59.8	59.8	ng/kg	BJ	U	bl	40.1			
SA56-37B	R0904016	EPA 1668A	SO	PCB-134	9.84	9.84	ng/kg	BJ	U	bl	5.49			
SA56-37B	R0904016	EPA 1668A	SO	PCB-136	27.4	27.4	ng/kg	BJ	U	bl	16.9			
SA56-37B	R0904016	EPA 1668A	SO	PCB-137	4.31	4.31	ng/kg	BJ	U	bl	3.11			
SA56-37B	R0904016	EPA 1668A	SO	PCB-141	40.1	40.1	ng/kg	BJ	U	bl	25.2			
SA56-37B	R0904016	EPA 1668A	SO	PCB-144	11.6	11.6	ng/kg	BJ	U	bl	6.02			
SA56-37B	R0904016	EPA 1668A	SO	PCB-146	22.2	22.2	ng/kg	BJ	U	bl	13.3			
SA56-37B	R0904016	EPA 1668A	SO	PCB-158	16.4	16.4	ng/kg	BJ	U	bl	12.3			
SA56-37B	R0904016	EPA 1668A	SO	PCB-16	25.0	25.0	ng/kg	B	U	bl	23.4			
SA56-37B	R0904016	EPA 1668A	SO	PCB-164	13.1	13.1	ng/kg	BJ	U	bl	9.10			
SA56-37B	R0904016	EPA 1668A	SO	PCB-167	4.09	4.09	ng/kg	BJK	U	bl	5.62			
SA56-37B	R0904016	EPA 1668A	SO	PCB-17	18.2	18.2	ng/kg	BJ	U	bl	19.0			
SA56-37B	R0904016	EPA 1668A	SO	PCB-170	18.9	18.9	ng/kg	BJ	U	bl	20.9			
SA56-37B	R0904016	EPA 1668A	SO	PCB-172	2.79	2.79	ng/kg	BJK	U	bl	3.62			
SA56-37B	R0904016	EPA 1668A	SO	PCB-174	27.1	27.1	ng/kg	BJ	U	bl	19.5			
SA56-37B	R0904016	EPA 1668A	SO	PCB-176	5.41	5.41	ng/kg	BJ	U	bl	3.52			
SA56-37B	R0904016	EPA 1668A	SO	PCB-177	11.9	11.9	ng/kg	BJ	U	bl	8.21			
SA56-37B	R0904016	EPA 1668A	SO	PCB-178	7.40	7.40	ng/kg	BJ	U	bl	4.65			
SA56-37B	R0904016	EPA 1668A	SO	PCB-179	13.8	13.8	ng/kg	BJ	U	bl	9.20			
SA56-37B	R0904016	EPA 1668A	SO	PCB-183	20.7	20.7	ng/kg	BJ	U	bl	12.0			
SA56-37B	R0904016	EPA 1668A	SO	PCB-187	34.8	34.8	ng/kg	BJ	U	bl	23.0			
SA56-37B	R0904016	EPA 1668A	SO	PCB-190	2.02	2.02	ng/kg	BJK	UJK	bl,k	3.05			
SA56-37B	R0904016	EPA 1668A	SO	PCB-194	5.10	5.10	ng/kg	BJK	UJK	bl,k	10.3			
SA56-37B	R0904016	EPA 1668A	SO	PCB-195	2.09	2.09	ng/kg	BJK	UJK	bl,k	1.92			
SA56-37B	R0904016	EPA 1668A	SO	PCB-196	5.14	5.14	ng/kg	BJ	U	bl	3.62			
SA56-37B	R0904016	EPA 1668A	SO	PCB-200	2.17	2.17	ng/kg	BJK	UJK	bl,k	1.48			
SA56-37B	R0904016	EPA 1668A	SO	PCB-201	3.16	3.16	ng/kg	BJ	U	bl	1.81			
SA56-37B	R0904016	EPA 1668A	SO	PCB-202	9.13	9.13	ng/kg	BJ	U	bl	5.20			
SA56-37B	R0904016	EPA 1668A	SO	PCB-203	12.5	12.5	ng/kg	BJ	U	bl	8.53			
SA56-37B	R0904016	EPA 1668A	SO	PCB-206	23.7	23.7	ng/kg	BJ	U	bl	21.4			
SA56-37B	R0904016	EPA 1668A	SO	PCB-207	4.20	4.20	ng/kg	BJ	U	bl	2.72			
SA56-37B	R0904016	EPA 1668A	SO	PCB-208	11.9	11.9	ng/kg	BJ	U	bl	8.07			
SA56-37B	R0904016	EPA 1668A	SO	PCB-22	26.4	26.4	ng/kg	BJ	U	bl	19.4			
SA56-37B	R0904016	EPA 1668A	SO	PCB-31	72.7	72.7	ng/kg	BJ	U	bl	48.0			
SA56-37B	R0904016	EPA 1668A	SO	PCB-32	13.7	13.7	ng/kg	BJ	U	bl	12.0			
SA56-37B	R0904016	EPA 1668A	SO	PCB-37	19.6	19.6	ng/kg	BJ	U	bl	14.4			
SA56-37B	R0904016	EPA 1668A	SO	PCB-42	12.8	12.8	ng/kg	BJ	U	bl	9.20			
SA56-37B	R0904016	EPA 1668A	SO	PCB-48	9.58	9.58	ng/kg	BJ	U	bl	7.52			
SA56-37B	R0904016	EPA 1668A	SO	PCB-52	82.7	82.7	ng/kg	BJ	U	bl	58.2			
SA56-37B	R0904016	EPA 1668A	SO	PCB-56	16.9	16.9	ng/kg	BJ	U	bl	11.9			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA56-37B	R0904016	EPA 1668A	SO	PCB-60	9.79	9.79	ng/kg	BJ	U	bl	7.12			
SA56-37B	R0904016	EPA 1668A	SO	PCB-64	23.3	23.3	ng/kg	BJ	U	bl	18.1			
SA56-37B	R0904016	EPA 1668A	SO	PCB-66	36.6	36.6	ng/kg	BJ	U	bl	26.1			
SA56-37B	R0904016	EPA 1668A	SO	PCB-68	4.84	4.84	ng/kg	BJ	U	bl	4.25			
SA56-37B	R0904016	EPA 1668A	SO	PCB-77	3.19	3.19	ng/kg	BJ	U	bl	3.29			
SA56-37B	R0904016	EPA 1668A	SO	PCB-82	8.11	8.11	ng/kg	BJ	U	bl	6.11			
SA56-37B	R0904016	EPA 1668A	SO	PCB-84	22.4	22.4	ng/kg	BJ	U	bl	18.7			
SA56-37B	R0904016	EPA 1668A	SO	PCB-92	22.7	22.7	ng/kg	BJ	U	bl	13.8			
SA56-37B	R0904016	EPA 1668A	SO	PCB-95	105	105	ng/kg	BJ	U	bl	78.2			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 107 + 124	2.69	2.69	ng/kg	BJ	U	bl	2.77			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 110 + 115	118	118	ng/kg	BJ	U	bl	92.6			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 128 + 166	16.6	16.6	ng/kg	BJ	U	bl	18.0			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 129 + 138 + 163	165	165	ng/kg	B	U	bl	125			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 135 + 151	70.7	70.7	ng/kg	BJ	U	bl	45.4			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 147 + 149	147	147	ng/kg	B	U	bl	93.4			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 153 + 168	149	149	ng/kg	B	U	bl	95.9			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 156 + 157	12.3	12.3	ng/kg	BJ	U	bl	18.7			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 171 + 173	7.39	7.39	ng/kg	BJ	U	bl	6.75			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 18 + 30	38.9	38.9	ng/kg	BJ	U	bl	28.3			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 180 + 193	38.6	38.6	ng/kg	BJ	U	bl	32.7			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 198 + 199	23.2	23.2	ng/kg	BJ	U	bl	15.6			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 20 + 28	64.5	64.5	ng/kg	BJ	U	bl	50.9			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 21 + 33	42.6	42.6	ng/kg	BJ	U	bl	30.9			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 26 + 29	19.9	19.9	ng/kg	BJ	U	bl	8.36			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 40 + 41 + 71	26.3	26.3	ng/kg	BJ	U	bl	20.4			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 44 + 47 + 65	60.5	60.5	ng/kg	BJ	U	bl	48.5			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 45 + 51	10.5	10.5	ng/kg	BJ	U	bl	9.22			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 49 + 69	30.1	30.1	ng/kg	BJ	U	bl	23.1			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 50 + 53	5.15	5.15	ng/kg	BJK	UJK	bl,k	4.72			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 59 + 62 + 75	4.33	4.33	ng/kg	BJ	U	bl	2.92			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	87.0	87.0	ng/kg	BJ	U	bl	59.5			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 83 + 99	36.8	36.8	ng/kg	BJ	U	bl	24.0			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 85 + 116	11.3	11.3	ng/kg	BJ	U	bl	8.86			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	70.9	70.9	ng/kg	BJ	U	bl	53.6			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 88 + 91	9.84	9.84	ng/kg	BJ	U	bl	7.44			
SA56-37B	R0904016	EPA 1668A	SO	PCBs 90 + 101 + 113	134	134	ng/kg	BJ	U	bl	94.2			
SA56-37B	R0904016	EPA 1668A	SO	Pentachlorobiphenyl	635	635	ng/kg		U	bl	499			
SA56-37B	R0904016	EPA 1668A	SO	Tetrachlorobiphenyl	427	427	ng/kg		U	bl	314			
SA56-37B	R0904016	EPA 1668A	SO	Trichlorobiphenyl	354	354	ng/kg		U	bl	255			
SA56-37B	R0904016	Lloyd Kahn	SO	Total Organic Carbon	200	280	mg/kg	J	U	bl,be,bf	50-53		0.5 mg/l	0.5 mg/l
SA56-37B	R0904016	SM 5540C	SO	MBAS	1.7	3.1	mg/kg	J	U	be,bf			0.092 mg/l	0.159 mg/l
SA56-37B	R0904016	SW 846 9056	SO	Nitrate (as N)	14.4	14.4	mg/kg		J+	be,bf			0.95 mg/l	1.76 mg/l
SA56-37B	R0904016	SW6010	SO	Nickel	14.7	14.7	mg/kg		J	be,ld			20.6 ug/l	
SA56-37B	R0904016	SW6010	SO	Tin	4.6	11.2	mg/kg	B	U	bl	3.7			
SA75-0.5B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.19	0.53	mg/kg	BJ	U	bl,be,bf	0.15		0.011 mg/l	0.191 mg/l
SA75-0.5B	R0904016	SW 846 8260B	SO	Acetone	20	20	ug/kg	B	UJ	be,l			11 ug/l	

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA75-0.5B	R0904016	SW 846 8260B	SO	Methylene chloride	0.67	0.67	ug/kg	J	U	be,bt		1.0 ug/l	7.9 ug/l	
SA75-0.5B	R0904016	SW 846 9056	SO	Chloride	2.0	2.1	mg/kg	J	U	bl,be,bf	0.15mg/l 1.3mg/kg		1.3 mg/l	9.7 mg/l
SA75-0.5B	R0904016	SW 846 9056	SO	Nitrate (as N)	1.30	1.30	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l
SA75-0.5B	R0904016	SW 846 9056	SO	Sulfate	54.5	54.5	mg/kg		J+	be,bf			9.6 mg/l	5.5 mg/l
SA75-0.5B	R0904016	SW6010	SO	Boron	2.5	10.6	mg/kg	B	UJ	bl,sd	4.0ug/l			
SA75-0.5B	R0904016	SW6010	SO	Nickel	16.5	16.5	mg/kg		J	be,ld			20.6 ug/l	
SA75-0.5B	R0904016	SW6010	SO	Tin	4.3	10.6	mg/kg	B	U	bl	3.7			
SA75-10B	R0904016	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	U	be,bf			0.063 mg/l	0.159 mg/l
SA75-10B	R0904016	SW 846 8260B	SO	Acetone	15	15	ug/kg	BJ	UJ	be,l			11 ug/l	
SA75-10B	R0904016	SW 846 8260B	SO	Methylene chloride	0.55	0.55	ug/kg	J	U	be,bt		1.0 ug/l	7.9 ug/l	
SA75-10B	R0904016	SW 846 9056	SO	Chloride	4.8	4.8	mg/kg	B	J+	bf				9.7 mg/l
SA75-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	1.33	1.33	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l
SA75-10B	R0904016	SW 846 9056	SO	Sulfate	290	290	mg/kg		J+	be,bf			9.6 mg/l	5.5 mg/l
SA75-10B	R0904016	SW6010	SO	Boron	6.3	10.9	mg/kg	B	UJ	bl,sd	4.0ug/l			
SA75-10B	R0904016	SW6010	SO	Nickel	13.1	13.1	mg/kg		J	be,ld			20.6 ug/l	
SA75-10B	R0904016	SW6010	SO	Tin	4	10.9	mg/kg	B	U	bl	3.7			
SA75-28B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.26	0.53	mg/kg	J	U	be,bf			0.011 mg/l	0.191 mg/l
SA75-28B	R0904016	SM 5540C	SO	MBAS	1.9	2.1	mg/kg	J	U	be,bf			0.063 mg/l	0.159 mg/l
SA75-28B	R0904016	SW 846 8260B	SO	Methylene chloride	0.31	0.31	ug/kg	J	U	be,bt		1.0 ug/l	7.9 ug/l	
SA75-28B	R0904016	SW 846 9056	SO	Bromide	0.7	1.1	mg/kg	J	U	be			0.6 mg/l	
SA75-28B	R0904016	SW 846 9056	SO	Chloride	82.6	82.6	mg/kg		J+	bf				9.7 mg/l
SA75-28B	R0904016	SW 846 9056	SO	Nitrate (as N)	3.61	3.61	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l
SA75-28B	R0904016	SW 846 9056	SO	Sulfate	370	370	mg/kg		J+	be,bf			9.6 mg/l	5.5 mg/l
SA75-28B	R0904016	SW6010	SO	Boron	6.1	10.4	mg/kg	B	UJ	bl,sd	4.0ug/l			
SA75-28B	R0904016	SW6010	SO	Nickel	11.4	11.4	mg/kg		J	be,ld			20.6 ug/l	
SA75-28B	R0904016	SW6010	SO	Tin	4	10.4	mg/kg	B	U	bl	3.7			
SA76-10B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.25	0.55	mg/kg	BJ	U	bl,be,bf	0.15		0.011 mg/l	0.191 mg/l
SA76-10B	R0904016	SM 5540C	SO	MBAS	1.3	2.2	mg/kg	J	U	be,bf			0.063 mg/l	0.159 mg/l
SA76-10B	R0904016	SW 846 8260B	SO	2-Butanone	0.56	0.56	ug/kg	J	U	be			1.5 ug/l	
SA76-10B	R0904016	SW 846 8260B	SO	Acetone	17	17	ug/kg	B	UJ	be,l			11 ug/l	
SA76-10B	R0904016	SW 846 8260B	SO	Methylene chloride	8.1	8.1	ug/kg		U	be			7.9 ug/l	
SA76-10B	R0904016	SW 846 9056	SO	Chloride	168	168	mg/kg		J+	bf				9.7 mg/l
SA76-10B	R0904016	SW 846 9056	SO	Nitrate (as N)	6.01	6.01	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l
SA76-10B	R0904016	SW 846 9056	SO	Sulfate	341	341	mg/kg		J+	be,bf			9.6 mg/l	5.5 mg/l
SA76-10B	R0904016	SW6010	SO	Boron	9	10.7	mg/kg	B	UJ	bl,sd	4.0ug/l			
SA76-10B	R0904016	SW6010	SO	Nickel	12.6	12.6	mg/kg		J	be,ld			20.6 ug/l	
SA76-10B	R0904016	SW6010	SO	Tin	4.2	10.7	mg/kg	B	U	bl	3.7			
SA76-20B	R0904016	EPA 350.1	SO	Ammonia (as N)	0.35	0.58	mg/kg	BJ	U	bl,be,bf	0.15		0.011 mg/l	0.191 mg/l
SA76-20B	R0904016	SM 5540C	SO	MBAS	0.7	2.3	mg/kg	J	U	be,bf			0.063 mg/l	0.159 mg/l
SA76-20B	R0904016	SW 846 8260B	SO	Acetone	8.4	8.4	ug/kg	BJ	UJ	be,l			11 ug/l	
SA76-20B	R0904016	SW 846 8260B	SO	Methylene chloride	0.69	0.69	ug/kg	J	U	be,bt		1.0 ug/l	7.9 ug/l	
SA76-20B	R0904016	SW 846 9056	SO	Chloride	39.9	39.9	mg/kg		J+	bf				9.7 mg/l
SA76-20B	R0904016	SW 846 9056	SO	Nitrate (as N)	2.13	2.13	mg/kg		J+	be,bf			0.88 mg/l	1.76 mg/l
SA76-20B	R0904016	SW 846 9056	SO	Sulfate	342	342	mg/kg		J+	be,bf			9.6 mg/l	5.5 mg/l
SA76-20B	R0904016	SW6010	SO	Nickel	9.77	9.77	mg/kg		J	be,ld			20.6 ug/l	

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA76-20B	R0904016	SW6010	SO	Tin	4.4	11.5	mg/kg	B	U	bl	3.7			
SA166-10BSPLP2	R0904084	EPA 350.1 mod	W	Ammonia (as N)	0.044	0.050	mg/l	BJ	U	bl	0.046			
SA166-10BSPLP2	R0904084	SM 2320B	W	Bicarbonate	21.8	21.8	mg/l	B	J+	bl	5.5			
SA166-10BSPLP2	R0904084	SW 846 6010B	W	Barium	0.388	0.388	mg/l		J+	bl	0.082			
SA166-10BSPLP2	R0904084	SW 846 6010B	W	Zinc	0.094	0.094	mg/l		J+	bl	0.041			
SA166-10BSPLP2	R0904084	SW 846 8270C	W	Butyl benzyl phthalate	0.18	0.18	ug/l	BJ	U	bl	0.11-0.16			
SA166-10BSPLP2	R0904084	SW 846 8270C	W	Di-N-Butyl phthalate	2.8	2.8	ug/l	BJ	U	bl	3.5			
SA166-10BSPLP2	R0904084	SW 846 9056 Modified	W	Nitrate (as N)	0.311	0.311	mg/l	B	J+	bl	0.132			
SA166-10BSPLP2	R0904084	SW 846 9060	W	Total Organic Carbon	0.9	1.0	mg/l	BJ	U	bl	6.0			
SA166-10BSPLP3	R0904084	EPA 365.1M	W	Total Phosphorus-P	0.008	0.050	mg/l	BJ	U	bl	0.01			
SA166-10BSPLP3	R0904084	SM 2320B	W	Alkalinity (as CaCO3)	27.3	27.3	mg/l	B	J+	bl	1.0-3.0			
SA166-10BSPLP3	R0904084	SM 2320B	W	Bicarbonate	24.4	24.4	mg/l	B	J+	bl	3.0			
SA166-10BSPLP3	R0904084	SW 846 6010B	W	Barium	0.46	0.46	mg/l		J+	bl	0.105			
SA166-10BSPLP3	R0904084	SW 846 6010B	W	Boron	0.24	0.24	mg/l		J+	bl	0.07			
SA166-10BSPLP3	R0904084	SW 846 6010B	W	Sodium	15	15	mg/l		J+	bl	1.66			
SA166-10BSPLP3	R0904084	SW 846 6010B	W	Zinc	0.076	0.076	mg/l		J+	bl	0.012			
SA166-10BSPLP3	R0904084	SW 846 8270C	W	Di-N-Butyl phthalate	1.3	1.3	ug/l	J	U	bl	3.5			
SA166-10BSPLP3	R0904084	SW 846 9060	W	Total Organic Carbon	0.5	1.0	mg/l	BJ	U	bl	0.2			
SA182-10BSPLP2	R0904084	EPA 350.1 mod	W	Ammonia (as N)	0.046	0.050	mg/l	BJ	U	bl	0.046			
SA182-10BSPLP2	R0904084	EPA 365.1M	W	Total Phosphorus-P	0.026	0.050	mg/l	BJ	U	bl	0.014			
SA182-10BSPLP2	R0904084	SW 846 6010B	W	Barium	0.235	0.235	mg/l		J+	bl	0.082			
SA182-10BSPLP2	R0904084	SW 846 6010B	W	Zinc	0.022	0.022	mg/l		J+	bl	0.041			
SA182-10BSPLP2	R0904084	SW 846 8270C	W	Di-N-Butyl phthalate	1.1	1.1	ug/l	J	U	bl	3.5			
SA182-10BSPLP2	R0904084	SW 846 9056 Modified	W	Nitrate (as N)	0.223	0.223	mg/l	B	J+	bl	0.132			
SA182-10BSPLP2	R0904084	SW 846 9060	W	Total Organic Carbon	0.9	1.0	mg/l	BJ	U	bl	6.0			
SA182-10BSPLP3	R0904084	EPA 365.1M	W	Total Phosphorus-P	0.015	0.050	mg/l	J	U	bl	0.01			
SA182-10BSPLP3	R0904084	SM 2320B	W	Bicarbonate	23.9	23.9	mg/l	B	J+	bl	3.0			
SA182-10BSPLP3	R0904084	SW 846 6010B	W	Barium	0.227	0.227	mg/l		J+	bl	0.105			
SA182-10BSPLP3	R0904084	SW 846 6010B	W	Boron	0.08	0.08	mg/l		J+	bl	0.07			
SA182-10BSPLP3	R0904084	SW 846 6010B	W	Sodium	5.31	5.31	mg/l		J+	bl	1.66			
SA182-10BSPLP3	R0904084	SW 846 6010B	W	Zinc	0.016	0.016	mg/l		J+	bl	0.012			
SA182-10BSPLP3	R0904084	SW 846 8270C	W	Di-N-Butyl phthalate	3.9	3.9	ug/l	J	U	bl	3.5			
SA182-10BSPLP3	R0904084	SW 846 9060	W	Total Organic Carbon	0.8	1.0	mg/l	J	U	bl	0.2			
SA56-10BSPLP2	R0904084	EPA 350.1 mod	W	Ammonia (as N)	0.044	0.050	mg/l	BJ	U	bl	0.046			
SA56-10BSPLP2	R0904084	EPA 365.1M	W	Total Phosphorus-P	0.015	0.050	mg/l	BJ	U	bl	0.014			
SA56-10BSPLP2	R0904084	SM 2320B	W	Alkalinity (as CaCO3)	52.3	52.3	mg/l	B	J+	bl	1.0-5.5			
SA56-10BSPLP2	R0904084	SM 2320B	W	Bicarbonate	27.3	27.3	mg/l	B	J+	bl	5.5			
SA56-10BSPLP2	R0904084	SW 846 6010B	W	Barium	0.245	0.245	mg/l		J+	bl	0.082			
SA56-10BSPLP2	R0904084	SW 846 6010B	W	Zinc	0.016	0.016	mg/l		J+	bl	0.041			
SA56-10BSPLP2	R0904084	SW 846 8270C	W	Di-N-Butyl phthalate	1.9	1.9	ug/l	J	U	bl	3.5			
SA56-10BSPLP2	R0904084	SW 846 9060	W	Total Organic Carbon	0.7	1.0	mg/l	BJ	U	bl	6.0			
SA56-10BSPLP3	R0904084	EPA 365.1M	W	Total Phosphorus-P	0.012	0.050	mg/l	BJ	U	bl	0.01			
SA56-10BSPLP3	R0904084	SM 2320B	W	Alkalinity (as CaCO3)	23.0	23.0	mg/l	B	J+	bl	1.0-3.0			
SA56-10BSPLP3	R0904084	SM 2320B	W	Bicarbonate	18.0	18.0	mg/l	B	J+	bl	3.0			
SA56-10BSPLP3	R0904084	SW 846 6010B	W	Barium	0.23	0.23	mg/l		J+	bl	0.105			
SA56-10BSPLP3	R0904084	SW 846 6010B	W	Boron	0.18	0.18	mg/l		J+	bl	0.07			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA56-10BSPLP3	R0904084	SW 846 6010B	W	Sodium	14.5	14.5	mg/l		J+	bl	1.66			
SA56-10BSPLP3	R0904084	SW 846 6010B	W	Zinc	0.017	0.017	mg/l		J+	bl	0.012			
SA56-10BSPLP3	R0904084	SW 846 8270C	W	Di-N-Butyl phthalate	3.9	3.9	ug/l	J	U	bl	3.5			
SA56-10BSPLP3	R0904084	SW 846 9060	W	Total Organic Carbon	0.6	1.0	mg/l	BJ	U	bl	0.2			
RSAH3-0.5B	R0904102	SW 846 8260B	SO	2-Butanone	0.57	0.57	ug/kg	J	U	be			1.8 ug/l	
RSAH3-0.5B	R0904102	SW 846 8260B	SO	Acetone	6.3	6.3	ug/kg	BJ	U	bf				3.7 ug/l
RSAH3-0.5B	R0904102	SW 846 8260B	SO	Methylene chloride	0.53	0.53	ug/kg	J	U	be			0.55 ug/l	
RSAH3-0.5B	R0904102	SW 846 8260B	SO	Toluene	0.30	0.30	ug/kg	J	U	be			0.62 ug/l	
RSAH3-0.5B	R0904102	SW 846 8270C	SO	Di-N-Butyl phthalate	50	50	ug/kg	BJ	U	bl	55			
RSAH3-0.5B	R0904102	SW 846 9056	SO	Chloride	21.3	21.3	mg/kg		J+	be,bf			2.1 mg/l	9.7 mg/l
RSAH3-0.5B	R0904102	SW 846 9056	SO	Nitrate (as N)	8.62	8.62	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSAH3-0.5B	R0904102	SW 846 9056	SO	Sulfate	52.1	52.1	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSAH3-0.5B	R0904102	SW6010	SO	Boron	6.4	10.2	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSAH3-0.5B	R0904102	SW6010	SO	Tin	4.5	10.2	mg/kg	B	U	bl	3.5			
RSAH3009-0.5B	R0904102	EPA 350.1	SO	Ammonia (as N)	2.06	2.06	mg/kg		J	be,bf,fd			0.927 mg/l	0.191 mg/l
RSAH3009-0.5B	R0904102	SM 5540C	SO	MBAS	1.1	2.1	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSAH3009-0.5B	R0904102	SW 846 8260B	SO	Acetone	3.1	3.1	ug/kg	BJ	U	bl,be,bf	2.1		2.2 ug/l	3.7 ug/l
RSAH3009-0.5B	R0904102	SW 846 8260B	SO	Methylene chloride	0.47	0.47	ug/kg	J	U	be			0.55 ug/l	
RSAH3009-0.5B	R0904102	SW 846 9056	SO	Chloride	29.8	29.8	mg/kg		J+	be,bf			2.1 mg/l	9.7 mg/l
RSAH3009-0.5B	R0904102	SW 846 9056	SO	Nitrate (as N)	6.29	6.29	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSAH3009-0.5B	R0904102	SW 846 9056	SO	Sulfate	66.2	66.2	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSAH3009-0.5B	R0904102	SW6010	SO	Boron	5.6	10.2	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSAH3009-0.5B	R0904102	SW6010	SO	Tin	4.3	10.2	mg/kg	B	U	bl	3.5			
RSAH3-10B	R0904102	SM 5540C	SO	MBAS	0.9	2.1	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSAH3-10B	R0904102	SW 846 8260B	SO	Methylene chloride	0.62	0.62	ug/kg	J	U	be			0.55 ug/l	
RSAH3-10B	R0904102	SW 846 9056	SO	Chloride	833	833	mg/kg		J+	bf				9.7 mg/l
RSAH3-10B	R0904102	SW 846 9056	SO	Nitrate (as N)	4.12	4.12	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSAH3-10B	R0904102	SW6010	SO	Boron	8.9	10.5	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSAH3-10B	R0904102	SW6010	SO	Tin	4.2	10.5	mg/kg	B	U	bl	3.5			
RSAH3-20B	R0904102	SM 5540C	SO	MBAS	1.2	2.4	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSAH3-20B	R0904102	SW 846 8260B	SO	Acetone	3.7	3.7	ug/kg	BJ	U	bl,be,bf	2.1		2.2 ug/l	3.7 ug/l
RSAH3-20B	R0904102	SW 846 8260B	SO	Methylene chloride	0.57	0.57	ug/kg	J	U	be			0.55 ug/l	
RSAH3-20B	R0904102	SW 846 9056	SO	Chloride	229	229	mg/kg		J+	bf				9.7 mg/l
RSAH3-20B	R0904102	SW 846 9056	SO	Nitrate (as N)	1.59	1.59	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSAH3-20B	R0904102	SW6010	SO	Molybdenum	0.15	0.37	mg/kg	B	U	be			0.9 ug/l	
RSAH3-20B	R0904102	SW6010	SO	Tin	4.5	12.2	mg/kg	B	U	bl	3.5			
RSAH3-32B	R0904102	Lloyd Kahn	SO	Total Organic Carbon	290	290	mg/kg	BJ	U	bl,be,bf	70-75		0.8 mg/l	0.5 mg/l
RSAH3-32B	R0904102	SM 5540C	SO	MBAS	1.6	2.6	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSAH3-32B	R0904102	SW 846 8260B	SO	Acetone	3.8	3.8	ug/kg	BJ	U	bl,be,bf	2.1		2.2 ug/l	3.7 ug/l
RSAH3-32B	R0904102	SW 846 8260B	SO	Methylene chloride	0.54	0.54	ug/kg	J	U	be			0.55 ug/l	
RSAH3-32B	R0904102	SW 846 9056	SO	Nitrate (as N)	1.41	1.41	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSAH3-32B	R0904102	SW 846 9056	SO	Sulfate	503	503	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSAH3-32B	R0904102	SW6010	SO	Tin	4.2	9.3	mg/kg	B	U	bl	3.5			
RSAI4-0.5B	R0904102	EPA 350.1	SO	Ammonia (as N)	0.19	0.52	mg/kg	J	U	be,bf			0.927 mg/l	0.191 mg/l
RSAI4-0.5B	R0904102	SM 5540C	SO	MBAS	1.1	2.1	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSAI4-0.5B	R0904102	SW 846 8260B	SO	Acetone	5.1	5.1	ug/kg	BJ	U	bf				3.7 ug/l

Table 3-4
Qualifications Based on Blank Contamination

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSIA4-0.5B	R0904102	SW 846 8260B	SO	Methylene chloride	0.60	0.60	ug/kg	J	U	be			0.55 ug/l	
RSIA4-0.5B	R0904102	SW 846 8270C	SO	Di-N-Butyl phthalate	57	57	ug/kg	BJ	U	bl	55			
RSIA4-0.5B	R0904102	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	3.20	3.20	ng/kg	BJ	U	bl	0.952			
RSIA4-0.5B	R0904102	SW 846 9056	SO	Chloride	396	396	mg/kg		J+	bf				9.7 mg/l
RSIA4-0.5B	R0904102	SW 846 9056	SO	Nitrate (as N)	24.9	24.9	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSIA4-0.5B	R0904102	SW 846 9056	SO	Sulfate	838	838	mg/kg		J+	be			11.6 mg/l	
RSIA4-0.5B	R0904102	SW6010	SO	Boron	6	10.2	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSIA4-0.5B	R0904102	SW6010	SO	Tin	4.4	10.2	mg/kg	B	U	bl	3.5			
RSIA4-10B	R0904102	SM 5540C	SO	MBAS	1.5	2.2	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSIA4-10B	R0904102	SW 846 8260B	SO	Methylene chloride	0.57	0.57	ug/kg	J	U	be			0.55 ug/l	
RSIA4-10B	R0904102	SW 846 8260B	SO	Toluene	0.26	0.26	ug/kg	J	U	be			0.62 ug/l	
RSIA4-10B	R0904102	SW 846 8270C	SO	Di-N-Butyl phthalate	54	54	ug/kg	BJ	U	bl	55			
RSIA4-10B	R0904102	SW 846 9056	SO	Chloride	643	643	mg/kg		J+	bf				9.7 mg/l
RSIA4-10B	R0904102	SW 846 9056	SO	Nitrate (as N)	1.63	1.63	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSIA4-10B	R0904102	SW 846 9056	SO	Sulfate	372	372	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSIA4-10B	R0904102	SW6010	SO	Boron	6.8	10.9	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSIA4-10B	R0904102	SW6010	SO	Tin	4.7	10.9	mg/kg	B	U	bl	3.5			
RSIA4-20B	R0904102	EPA 350.1	SO	Ammonia (as N)	0.44	0.54	mg/kg	J	U	be,bf			0.927 mg/l	0.191 mg/l
RSIA4-20B	R0904102	SM 5540C	SO	MBAS	1.4	2.1	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSIA4-20B	R0904102	SW 846 8270C	SO	Di-N-Butyl phthalate	39	39	ug/kg	BJ	U	bl	72			
RSIA4-20B	R0904102	SW 846 9056	SO	Chloride	815	815	mg/kg		J+	bf				9.7 mg/l
RSIA4-20B	R0904102	SW 846 9056	SO	Nitrate (as N)	18.5	18.5	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSIA4-20B	R0904102	SW6010	SO	Boron	9.1	10.5	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSIA4-20B	R0904102	SW6010	SO	Tin	2.3	10.5	mg/kg	B	U	bl	3.5			
RSIA4-32B	R0904102	EPA 350.1	SO	Ammonia (as N)	0.13	0.82	mg/kg	J	U	be,bf			0.927 mg/l	0.191 mg/l
RSIA4-32B	R0904102	Lloyd Kahn	SO	Total Organic Carbon	230	290	mg/kg	BJ	U	bl,be,bf	70-75		0.8 mg/l	0.5 mg/l
RSIA4-32B	R0904102	SM 5540C	SO	MBAS	1.8	3.3	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSIA4-32B	R0904102	SW 846 8260B	SO	Methylene chloride	0.64	0.64	ug/kg	J	U	be			0.55 ug/l	
RSIA4-32B	R0904102	SW 846 8270C	SO	Di-N-Butyl phthalate	92	92	ug/kg	BJ	U	bl	55			
RSIA4-32B	R0904102	SW 846 9056	SO	Nitrate (as N)	5.07	5.07	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSIA4-32B	R0904102	SW6010	SO	Tin	2.2	11.0	mg/kg	B	U	bl	3.5			
RSIA5-0.5B	R0904102	EPA 350.1	SO	Ammonia (as N)	0.29	0.53	mg/kg	J	U	be,bf			0.927 mg/l	0.191 mg/l
RSIA5-0.5B	R0904102	SM 5540C	SO	MBAS	1.3	2.1	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSIA5-0.5B	R0904102	SW 846 8260B	SO	Acetone	5.3	5.3	ug/kg	BJ	U	bf				3.7 ug/l
RSIA5-0.5B	R0904102	SW 846 8260B	SO	Methylene chloride	0.69	0.69	ug/kg	J	U	be			0.55 ug/l	
RSIA5-0.5B	R0904102	SW 846 8270C	SO	Di-N-Butyl phthalate	36	36	ug/kg	BJ	U	bl	55			
RSIA5-0.5B	R0904102	SW 846 9056	SO	Chloride	17.6	17.6	mg/kg		J+	be,bf			2.1 mg/l	9.7 mg/l
RSIA5-0.5B	R0904102	SW 846 9056	SO	Nitrate (as N)	4.19	4.19	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSIA5-0.5B	R0904102	SW 846 9056	SO	Sulfate	56.4	56.4	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSIA5-0.5B	R0904102	SW6010	SO	Boron	7.8	10.6	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSIA5-0.5B	R0904102	SW6010	SO	Tin	1.9	10.6	mg/kg	B	U	bl	3.5			
RSIA5009-10B	R0904102	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	UJ	be,bf,m			0.119 mg/l	0.159 mg/l
RSIA5009-10B	R0904102	SW 846 8260B	SO	Methylene chloride	0.38	0.38	ug/kg	J	U	be			0.55 ug/l	
RSIA5009-10B	R0904102	SW 846 9056	SO	Chloride	119	119	mg/kg		J+	be,bf			2.1 mg/l	9.7 mg/l
RSIA5009-10B	R0904102	SW 846 9056	SO	Nitrate (as N)	5.61	5.61	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAI5009-10B	R0904102	SW 846 9056	SO	Sulfate	243	243	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSAI5009-10B	R0904102	SW6010	SO	Boron	7.2	10.8	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSAI5009-10B	R0904102	SW6010	SO	Tin	2.2	10.8	mg/kg	B	U	bl	3.5			
RSAI5-10B	R0904102	EPA 350.1	SO	Ammonia (as N)	0.16	0.54	mg/kg	J	U	be,bf			0.927 mg/l	0.191 mg/l
RSAI5-10B	R0904102	SW 846 8260B	SO	Methylene chloride	0.51	0.51	ug/kg	J	U	be			0.55 ug/l	
RSAI5-10B	R0904102	SW 846 9056	SO	Chloride	111	111	mg/kg		J+	be,bf			2.1 mg/l	9.7 mg/l
RSAI5-10B	R0904102	SW 846 9056	SO	Nitrate (as N)	5.66	5.66	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSAI5-10B	R0904102	SW 846 9056	SO	Sulfate	228	228	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSAI5-10B	R0904102	SW6010	SO	Boron	5.8	10.8	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSAI5-10B	R0904102	SW6010	SO	Tin	2.1	10.8	mg/kg	B	U	bl	3.5			
RSAI5-28B	R0904102	EPA 350.1	SO	Ammonia (as N)	0.16	0.55	mg/kg	J	U	be,bf			0.927 mg/l	0.191 mg/l
RSAI5-28B	R0904102	SW 846 8260B	SO	Acetone	3.1	3.1	ug/kg	BJ	U	bl,be,bf	2.1		2.2 ug/l	3.7 ug/l
RSAI5-28B	R0904102	SW 846 8260B	SO	Methylene chloride	0.38	0.38	ug/kg	J	U	be			0.55 ug/l	
RSAI5-28B	R0904102	SW 846 9056	SO	Chloride	89.5	89.5	mg/kg		J+	be,bf			2.1 mg/l	9.7 mg/l
RSAI5-28B	R0904102	SW 846 9056	SO	Nitrate (as N)	5.44	5.44	mg/kg		J+	be,bf			1.40 mg/l	1.76 mg/l
RSAI5-28B	R0904102	SW 846 9056	SO	Sulfate	223	223	mg/kg		J+	be,bf			11.6 mg/l	5.5 mg/l
RSAI5-28B	R0904102	SW6010	SO	Boron	7.5	10.9	mg/kg	B	U	bl,be	10.0ug/l		3.6 ug/l	
RSAI5-28B	R0904102	SW6010	SO	Tin	2.3	10.9	mg/kg	B	U	bl	3.5			
SA182-10B	R0904102	SM 5540C	SO	MBAS	1.4	2.2	mg/kg	J	UJ	be,bf,m			0.257 mg/l	0.159 mg/l
SA182-10B	R0904102	SW 846 8260B	SO	Acetone	5.4	5.4	ug/kg	BJ	U	bl,be,bf	3.2		4.3 ug/l	3.7 ug/l
SA182-10B	R0904102	SW 846 8260B	SO	Methylene chloride	0.71	0.71	ug/kg	J	U	bt		0.63 ug/l		
SA182-10B	R0904102	SW 846 9056	SO	Chloride	105	105	mg/kg		J+	be,bf			6.3 mg/l	9.7 mg/l
SA182-10B	R0904102	SW 846 9056	SO	Nitrate (as N)	3.27	3.27	mg/kg		J+	be,bf			0.85 mg/l	1.76 mg/l
SA182-10B	R0904102	SW 846 9056	SO	Sulfate	26.3	26.3	mg/kg		J+	be,bf			25.9 mg/l	5.5 mg/l
SA182-10B	R0904102	SW6010	SO	Boron	6.8	10.9	mg/kg	B	U	bl,be	10.0ug/l		2.0 ug/l	
SA182-10B	R0904102	SW6010	SO	Tin	4.1	10.9	mg/kg	B	U	bl	3.5			
SA182-25B	R0904102	Lloyd Kahn	SO	Total Organic Carbon	280	300	mg/kg	BJ	U	bl,be,bf	60		0.6 mg/l	0.5 mg/l
SA182-25B	R0904102	SM 5540C	SO	MBAS	1.2	3.0	mg/kg	J	UJ	be,bf,m			0.257 mg/l	0.159 mg/l
SA182-25B	R0904102	SW 846 8260B	SO	Methylene chloride	1.2	1.2	ug/kg	J	U	bt		0.63 ug/l		
SA182-25B	R0904102	SW 846 9056	SO	Chloride	765	765	mg/kg		J+	bf				9.7 mg/l
SA182-25B	R0904102	SW 846 9056	SO	Nitrate (as N)	4.53	4.53	mg/kg		J+	be,bf			0.85 mg/l	1.76 mg/l
SA182-25B	R0904102	SW 846 9056	SO	Sulfate	1170	1170	mg/kg		J+	be			25.9 mg/l	
SA182-25B	R0904102	SW6010	SO	Tin	5	10.8	mg/kg	B	U	bl	3.5			
SA182-25B	R0904102	SW6020	SO	Tungsten	0.18	0.21	mg/kg	B,N	UJ	bl,be,bf,m	0.019ug/l		0.05 ug/l	0.02 ug/l
SA182-38B	R0904102	Lloyd Kahn	SO	Total Organic Carbon	250	280	mg/kg	BJ	U	bl,be,bf	60		0.6 mg/l	0.5 mg/l
SA182-38B	R0904102	SW 846 8260B	SO	Methylene chloride	1.1	1.1	ug/kg	J	U	bt		0.63 ug/l		
SA182-38B	R0904102	SW 846 9056	SO	Chloride	176	176	mg/kg		J+	be,bf			6.3 mg/l	9.7 mg/l
SA182-38B	R0904102	SW 846 9056	SO	Nitrate (as N)	3.69	3.69	mg/kg		J+	be,bf			0.85 mg/l	1.76 mg/l
SA182-38B	R0904102	SW 846 9056	SO	Sulfate	542	542	mg/kg		J+	be,bf			25.9 mg/l	5.5 mg/l
SA182-38B	R0904102	SW6010	SO	Tin	4.2	10.8	mg/kg	B	U	bl	3.5			
RSAJ3-10BSPLP2	R0904223	EPA 365.1M	W	Total Phosphorus-P	0.022	0.050	mg/l	BJ	U	bl	0.01-0.018			
RSAJ3-10BSPLP2	R0904223	SW 846 8270C	W	Di-N-Butyl phthalate	3.6	3.6	ug/l	BJ	U	bl	2.7			
RSAJ3-10BSPLP2	R0904223	SW6010	W	Copper	0.002	0.002	mg/l		J+	bl	0.002			
RSAJ3-10BSPLP2	R0904223	SW6010	W	Zinc	0.014	0.014	mg/l		J+	bl	0.044			
RSAJ3-10BSPLP3	R0904223	EPA 365.1M	W	Total Phosphorus-P	0.019	0.050	mg/l	BJ	U	bl	0.01-0.020			
RSAJ3-10BSPLP3	R0904223	SM 2320B	W	Bicarbonate	21.4	21.4	mg/l		J+	bl	2.9			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAJ3-10BSPLP3	R0904223	SW 846 8260B	W	Acetone	4.1	4.1	ug/l	BJ	U	bl	3.4			
RSAJ3-10BSPLP3	R0904223	SW 846 8260B	W	Chloroform	2.3	2.3	ug/l	B	U	bl	2.2			
RSAJ3-10BSPLP3	R0904223	SW 846 8270C	W	bis(2-Ethylhexyl)phthalate	0.30	0.30	ug/l	BJ	U	bl	0.44			
RSAJ3-10BSPLP3	R0904223	SW 846 9060	W	Total Organic Carbon	0.3	1.0	mg/l	BJ	U	bl	0.7			
RSAJ3-10BSPLP3	R0904223	SW6010	W	Zinc	0.012	0.012	mg/l		J+	bl	0.013			
RSAJ3-29BSPLP2	R0904223	EPA 365.1M	W	Total Phosphorus-P	0.017	0.050	mg/l	BJ	U	bl	0.01-0.016			
RSAJ3-29BSPLP2	R0904223	SW 846 9056 Modified	W	Nitrate (as N)	0.174	0.174	mg/l		J+	bl	0.102			
RSAJ3-29BSPLP2	R0904223	SW 846 9060	W	Total Organic Carbon	0.2	1.0	mg/l	BJ	U	bl	0.1			
RSAJ3-29BSPLP2	R0904223	SW6010	W	Copper	0.002	0.002	mg/l		J+	bl	0.002			
RSAJ3-29BSPLP2	R0904223	SW6010	W	Zinc	0.021	0.021	mg/l		J+	bl	0.044			
RSAJ3-29BSPLP3	R0904223	EPA 365.1M	W	Total Phosphorus-P	0.015	0.050	mg/l	BJ	U	bl	0.019			
RSAJ3-29BSPLP3	R0904223	SM 2320B	W	Bicarbonate	18.7	18.7	mg/l	B	J+	bl	2.1			
RSAJ3-29BSPLP3	R0904223	SW 846 8260B	W	Acetone	3.3	3.3	ug/l	BJ	U	bl	3.4			
RSAJ3-29BSPLP3	R0904223	SW 846 8260B	W	Chloroform	2.1	2.1	ug/l	B	U	bl	2.2			
RSAJ3-10B	R0904279	EPA 350.1	SO	Ammonia (as N)	1.83	1.83	mg/kg		J+	be,bf			0.192 mg/l	0.191 mg/l
RSAJ3-10B	R0904279	SM 5540C	SO	MBAS	0.8	2.2	mg/kg	J	U	be,bf			0.310 mg/l	0.159 mg/l
RSAJ3-10B	R0904279	SW 846 6010B	SO	Boron	9	10.6	mg/kg	B	U	bl	0.6mg/kg 10.0ug/l			
RSAJ3-10B	R0904279	SW 846 6010B	SO	Selenium	1.5	10.6	mg/kg	B	U	bl	0.8			
RSAJ3-10B	R0904279	SW 846 6010B	SO	Tin	4.2	10.6	mg/kg	B	U	bl	3.6			
RSAJ3-10B	R0904279	SW 846 8260B	SO	Toluene	0.65	0.65	ug/kg	J	U	be			0.39 ug/l	
RSAJ3-10B	R0904279	SW 846 9056	SO	Nitrate (as N)	5.77	5.77	mg/kg		J+	be,bf			0.97 mg/l	1.76 mg/l
RSAJ3-10B	R0904279	SW 846 9056	SO	Sulfate	114	114	mg/kg		J+	be,bf			10 mg/l	5.5 mg/l
RSAJ3-29B	R0904279	Lloyd Kahn	SO	Total Organic Carbon	280	280	mg/kg	BJ	UJ	bl,be,bf,c	79-80		1.2 mg/l	0.5 mg/l
RSAJ3-29B	R0904279	SW 846 6010B	SO	Selenium	1	4.5	mg/kg	B	U	bl	0.8			
RSAJ3-29B	R0904279	SW 846 6010B	SO	Tin	4.9	11.4	mg/kg	B	U	bl	3.6			
RSAJ3-29B	R0904279	SW 846 8260B	SO	Acetone	6.8	6.8	ug/kg	J	U	bf				3.7 ug/l
RSAJ3-29B	R0904279	SW 846 8260B	SO	Toluene	0.44	0.44	ug/kg	J	U	be			0.39 ug/l	
RSAJ3-29B	R0904279	SW 846 9056	SO	Nitrate (as N)	1.87	1.87	mg/kg		J+	be,bf			0.97 mg/l	1.76 mg/l
RSAJ3-29B	R0904279	SW 846 9056	SO	Sulfate	513	513	mg/kg		J+	be,bf			10 mg/l	5.5 mg/l
SA127-10B	R0904279	EPA 350.1	SO	Ammonia (as N)	0.86	0.86	mg/kg		J+	be,bf			0.192 mg/l	0.191 mg/l
SA127-10B	R0904279	SM 5540C	SO	MBAS	1.1	2.2	mg/kg	J	U	be,bf			0.310 mg/l	0.159 mg/l
SA127-10B	R0904279	SW 846 6010B	SO	Boron	7.8	10.7	mg/kg	B	U	bl	0.6mg/kg 10.0ug/l			
SA127-10B	R0904279	SW 846 6010B	SO	Tin	4.3	10.7	mg/kg	B	U	bl	3.6			
SA127-10B	R0904279	SW 846 8260B	SO	Toluene	0.34	0.34	ug/kg	J	U	be			0.39 ug/l	
SA127-10B	R0904279	SW 846 9056	SO	Nitrate (as N)	2.90	2.9	mg/kg		J+	be,bf			0.97 mg/l	1.76 mg/l
SA127-10B	R0904279	SW 846 9056	SO	Sulfate	52.6	52.6	mg/kg		J+	be,bf			10 mg/l	5.5 mg/l
SA127-10B-berm	R0904279	SW 846 6010B	SO	Boron	4.6	5.9	mg/kg	B	U	bl	0.6mg/kg 10.0ug/l			
SA127-10B-berm	R0904279	SW 846 6010B	SO	Tin	2.4	5.9	mg/kg	B	U	bl	3.6			
SA127-10B-berm	R0904279	SW 846 8260B	SO	Toluene	0.65	0.65	ug/kg	J	U	be			0.39 ug/l	
SA127-10B-berm	R0904279	SW 846 9056	SO	Chloride	337	337	mg/kg		J+	be,bf			4.6 mg/l	9.7 mg/l
SA127-10B-berm	R0904279	SW 846 9056	SO	Nitrate (as N)	15.4	15.4	mg/kg		J+	be,bf			0.97 mg/l	1.76 mg/l
SA127-10B-berm	R0904279	SW 846 9056	SO	Sulfate	395	395	mg/kg		J+	be,bf			10 mg/l	5.5 mg/l
SA127-20B	R0904279	EPA 350.1	SO	Ammonia (as N)	0.12	0.59	mg/kg	J	U	be,bf			0.192 mg/l	0.191 mg/l

Table 3-4
Qualifications Based on Blank Contamination

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
SA127-20B	R0904279	SM 5540C	SO	MBAS	1.4	2.4	mg/kg	J	U	be,bf			0.310 mg/l	0.159 mg/l
SA127-20B	R0904279	SW 846 6010B	SO	Molybdenum	0.32	0.35	mg/kg	B	U	bl,be	0.70ug/l		1.2 ug/l	
SA127-20B	R0904279	SW 846 6010B	SO	Selenium	0.8	4.6	mg/kg	B	U	bl	0.8			
SA127-20B	R0904279	SW 846 6010B	SO	Tin	4.8	11.6	mg/kg	B	U	bl	3.6			
SA127-20B	R0904279	SW 846 6020	SO	Tungsten	0.21	0.23	mg/kg	B,N	UJ	bl,be,bf,m	0.069ug/l		0.02 ug/l	0.02 ug/l
SA127-20B	R0904279	SW 846 8260B	SO	Toluene	0.66	0.66	ug/kg	J	U	be			0.39 ug/l	
SA127-20B	R0904279	SW 846 9056	SO	Chloride	148	148	mg/kg		J+	be,bf			4.6 mg/l	9.7 mg/l
SA127-20B	R0904279	SW 846 9056	SO	Nitrate (as N)	1.78	1.78	mg/kg		J+	be,bf			0.97 mg/l	1.76 mg/l
SA127-32B	R0904279	EPA 350.1	SO	Ammonia (as N)	6.60	6.60	mg/kg		J+	be,bf			0.192 mg/l	0.191 mg/l
SA127-32B	R0904279	Lloyd Kahn	SO	Total Organic Carbon	240	300	mg/kg	BJ	UJ	bl,be,bf,c	79-80		1.2 mg/l	0.5 mg/l
SA127-32B	R0904279	SM 5540C	SO	MBAS	2.5	3.9	mg/kg	J	U	be,bf			0.310 mg/l	0.159 mg/l
SA127-32B	R0904279	SW 846 6010B	SO	Tin	5.9	13.9	mg/kg	B	U	bl	3.6			
SA127-32B	R0904279	SW 846 6020	SO	Tungsten	0.15	0.28	mg/kg	B,N	UJ	bl,be,bf,m	0.069ug/l		0.02 ug/l	0.02 ug/l
SA127-32B	R0904279	SW 846 9056	SO	Chloride	98.9	98.9	mg/kg		J+	be,bf			4.6 mg/l	9.7 mg/l
SA127-32B	R0904279	SW 846 9056	SO	Nitrate (as N)	4.79	4.79	mg/kg		J+	be,bf			0.97 mg/l	1.76 mg/l
SA127-32B	R0904279	SW 846 9056	SO	Sulfate	325	325	mg/kg		J+	be,bf			10 mg/l	5.5 mg/l
SA127-5B-berm	R0904279	EPA 350.1	SO	Ammonia (as N)	0.19	0.53	mg/kg	J	U	be,bf			0.192 mg/l	0.191 mg/l
SA127-5B-berm	R0904279	SW 846 6010B	SO	Boron	6.8	10.7	mg/kg	B	U	bl	0.6mg/kg 10.0ug/l			
SA127-5B-berm	R0904279	SW 846 6010B	SO	Tin	4.6	10.7	mg/kg	B	U	bl	3.6			
SA127-5B-berm	R0904279	SW 846 8260B	SO	Toluene	0.58	0.58	ug/kg	J	U	be			0.39 ug/l	
SA127-5B-berm	R0904279	SW 846 9056	SO	Chloride	246	246	mg/kg		J+	be,bf			4.6 mg/l	9.7 mg/l
SA127-5B-berm	R0904279	SW 846 9056	SO	Nitrate (as N)	13.4	13.4	mg/kg		J+	be,bf			0.97 mg/l	1.76 mg/l
SA127-5B-berm	R0904279	SW 846 9056	SO	Sulfate	254	254	mg/kg		J+	be,bf			10 mg/l	5.5 mg/l
RSAL7-10B	R0904426	SW 846 8260B	SO	Acetone	4.7	4.7	ug/kg	BJ	U	bl,bt,be,bf	2.4	5.1 ug/l	4.0 ug/l	3.7 ug/l
RSAL7-10B	R0904426	SW 846 8270C	SO	Butyl benzyl phthalate	3.7	3.7	ug/kg	BJ	U	bl	5.7			
RSAL7-10B	R0904426	SW 846 8270C	SO	Di-N-Butyl phthalate	75	75	ug/kg	BJ	U	bl	110			
RSAL7-10B	R0904426	SW 846 9056	SO	Chloride	81.3	81.3	mg/kg		J	bf,ld				9.7 mg/l
RSAL7-10B	R0904426	SW 846 9056	SO	Nitrate (as N)	1.52	1.52	mg/kg		J+	be,bf			1.02 mg/l	1.76 mg/l
RSAL7-10B	R0904426	SW 846 9056	SO	Sulfate	74.7	74.7	mg/kg		J+	be,bf,m			3.7 mg/l	5.5 mg/l
RSAL7-10B	R0904426	SW6010	SO	Boron	6.9	10.9	mg/kg	B	U	bl,be	8.0ug/l		7.9 ug/l	
RSAL7-10B	R0904426	SW6010	SO	Tin	4.2	10.9	mg/kg	B	U	bl	3.6			
RSAL7-27B	R0904426	SM 5540C	SO	MBAS	0.9	2.2	mg/kg	J	U	be,bf			0.227 mg/l	0.159 mg/l
RSAL7-27B	R0904426	SW 846 9056	SO	Chloride	142	142	mg/kg		J	bf,ld				9.7 mg/l
RSAL7-27B	R0904426	SW 846 9056	SO	Nitrate (as N)	5.58	5.58	mg/kg		J+	be,bf			1.02 mg/l	1.76 mg/l
RSAL7-27B	R0904426	SW 846 9056	SO	Sulfate	229	229	mg/kg		J+	be,bf,m			3.7 mg/l	5.5 mg/l
RSAL7-27B	R0904426	SW6010	SO	Tin	4.1	11.0	mg/kg	B	U	bl	3.6			
SA166-10BSPLP	233413	HASL-300 TH MOD	SO	Th-230	0.0108	0.030	pci/l		U	bl	0.0218			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Decachlorobiphenyl	70.1	70.1	ng/kg		UJ	bl,l	27.5			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Dichlorobiphenyl	359	359	ng/kg		U	bl	165			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Heptachlorobiphenyl	153	153	ng/kg		U	bl	145			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Hexachlorobiphenyl	211	211	ng/kg		U	bl	276			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Nonachlorobiphenyl	487	487	ng/kg		U	bl	369			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Octachlorobiphenyl	578	578	ng/kg		U	bl	432			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-11	329	329	ng/kg		U	bl	165			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-118	12.0	12.0	ng/kg		U	bl	16.8			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-132	14.4	14.4	ng/kg		U	bl	16.9			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-136	9.35	9.35	ng/kg		U	bl	8.55			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-141	12.2	12.2	ng/kg		UJK	bl,k	15.0			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-144	3.55	3.55	ng/kg		U	bl	4.31			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-146	6.21	6.21	ng/kg		U	bl	7.46			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-158	3.76	3.76	ng/kg		UJK	bl,k	4.74			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-17	13.0	13.0	ng/kg		U	bl	8.73			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-177	9.33	9.33	ng/kg		U	bl	7.85			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-178	6.12	6.12	ng/kg		UJK	bl,k	6.14			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-179	12.4	12.4	ng/kg		U	bl	14.4			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-183	18.1	18.1	ng/kg		U	bl	12.0			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-187	59.4	59.4	ng/kg		U	bl	52.9			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-194	38.6	38.6	ng/kg		U	bl	25.9			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-196	26.9	26.9	ng/kg		U	bl	16.7			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-200	13.6	13.6	ng/kg		U	bl	11.5			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-201	20.9	20.9	ng/kg		UJK	bl,k	14.0			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-202	102	102	ng/kg		UJ	bl,l	75.8			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-203	126	126	ng/kg		U	bl	97.6			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-206	288	288	ng/kg		UJ	bl,l	217			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-207	39.4	39.4	ng/kg		U	bl	32.1			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-208	160	160	ng/kg		UJ	bl,l	121			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-22	10.6	10.6	ng/kg		U	bl	7.29			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-31	29.1	29.1	ng/kg		U	bl	19.9			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-32	8.28	8.28	ng/kg		U	bl	5.27			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-37	6.51	6.51	ng/kg		U	bl	5.89			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-52	34.6	34.6	ng/kg		U	bl	20.6			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-66	13.5	13.5	ng/kg		U	bl	12.1			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-92	5.87	5.87	ng/kg		U	bl	6.87			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-95	34.9	34.9	ng/kg		U	bl	35.4			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 110 + 115	25.1	25.1	ng/kg		U	bl	31.5			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 128 + 166	5.63	5.63	ng/kg		U	bl	4.00			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 129 + 138 + 163	40.5	40.5	ng/kg		U	bl	58.5			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 135 + 151	23.3	23.3	ng/kg		U	bl	29.9			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 147 + 149	44.0	44.0	ng/kg		U	bl	62.4			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 153 + 168	45.6	45.6	ng/kg		U	bl	61.1			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 18 + 30	26.8	26.8	ng/kg		U	bl	16.4			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 180 + 193	35.5	35.5	ng/kg		U	bl	33.9			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 198 + 199	243	243	ng/kg		U	bl	190			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 20 + 28	31.7	31.7	ng/kg		U	bl	21.2			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 21 + 33	19.1	19.1	ng/kg		U	bl	11.9			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 44 + 47 + 65	21.9	21.9	ng/kg		UJK	bl,k	14.2			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	26.4	26.4	ng/kg		U	bl	22.0			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 83 + 99	8.24	8.24	ng/kg		U	bl	7.47			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	15.0	15.0	ng/kg		U	bl	16.2			
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 90 + 101 + 113	38.4	38.4	ng/kg		U	bl	45.2			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Pentachlorobiphenyl	140	140	ng/kg		U	bl	174			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-0.5B	E0800640	EPA 1668A	SO	Tetrachlorobiphenyl	128	128	ng/kg		U	bl	69.0			
RSAN2-0.5B	E0800640	EPA 1668A	SO	Trichlorobiphenyl	167	167	ng/kg		U	bl	96.5			
RSAN2-10B	E0800640	EPA 1668A	SO	Decachlorobiphenyl	48.3	48.3	ng/kg		UJ	bl,l	27.5			
RSAN2-10B	E0800640	EPA 1668A	SO	Heptachlorobiphenyl	255	255	ng/kg		U	bl	145			
RSAN2-10B	E0800640	EPA 1668A	SO	Hexachlorobiphenyl	308	308	ng/kg		U	bl	276			
RSAN2-10B	E0800640	EPA 1668A	SO	Nonachlorobiphenyl	533	533	ng/kg		U	bl	369			
RSAN2-10B	E0800640	EPA 1668A	SO	Octachlorobiphenyl	764	764	ng/kg		U	bl	432			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-105	5.30	5.30	ng/kg		U	bl	4.35			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-118	22.3	22.3	ng/kg		U	bl	16.8			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-132	19.8	19.8	ng/kg		U	bl	16.9			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-136	11.8	11.8	ng/kg		U	bl	8.55			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-141	16.2	16.2	ng/kg		U	bl	15.0			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-144	4.53	4.53	ng/kg		UJK	bl,k	4.31			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-146	7.01	7.01	ng/kg		UJK	bl,k	7.46			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-158	5.11	5.11	ng/kg		UJK	bl,k	4.74			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-164	5.40	5.40	ng/kg		UJK	bl,k	3.46			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-174	22.3	22.3	ng/kg		U	bl	17.7			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-177	9.24	9.24	ng/kg		UJK	bl,k	7.85			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-178	10.0	10.0	ng/kg		U	bl	6.14			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-179	25.3	25.3	ng/kg		U	bl	14.4			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-183	20.5	20.5	ng/kg		UJK	bl,k	12.0			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-187	104	104	ng/kg		U	bl	52.9			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-194	46.9	46.9	ng/kg		U	bl	25.9			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-196	37.6	37.6	ng/kg		U	bl	16.7			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-200	21.1	21.1	ng/kg		U	bl	11.5			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-201	32.9	32.9	ng/kg		U	bl	14.0			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-202	148	148	ng/kg		UJ	bl,l	75.8			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-203	168	168	ng/kg		U	bl	97.6			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-206	296	296	ng/kg		UJ	bl,l	217			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-207	42.7	42.7	ng/kg		U	bl	32.1			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-208	195	195	ng/kg		UJ	bl,l	121			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-22	28.2	28.2	ng/kg		UJK	bl,k	7.29			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-31	92.5	92.5	ng/kg		U	bl	19.9			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-32	23.9	23.9	ng/kg		U	bl	5.27			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-37	18.5	18.5	ng/kg		U	bl	5.89			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-52	91.4	91.4	ng/kg		U	bl	20.6			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-66	29.1	29.1	ng/kg		U	bl	12.1			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-84	15.2	15.2	ng/kg		U	bl	7.40			
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-95	74.9	74.9	ng/kg		U	bl	35.4			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 110 + 115	43.2	43.2	ng/kg		U	bl	31.5			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 129 + 138 + 163	55.4	55.4	ng/kg		U	bl	58.5			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 135 + 151	36.3	36.3	ng/kg		U	bl	29.9			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 147 + 149	76.7	76.7	ng/kg		U	bl	62.4			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 153 + 168	65.7	65.7	ng/kg		U	bl	61.1			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 180 + 193	49.8	49.8	ng/kg		U	bl	33.9			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 198 + 199	309	309	ng/kg		U	bl	190			

Table 3-4
Qualifications Based on Blank Contamination

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 20 + 28	95.4	95.4	ng/kg		U	bl	21.2			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 44 + 47 + 65	65.6	65.6	ng/kg		U	bl	14.2			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	65.8	65.8	ng/kg		U	bl	22.0			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 83 + 99	19.4	19.4	ng/kg		U	bl	7.47			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 85 + 116	3.87	3.87	ng/kg		UJK	bl,k	2.75			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	29.9	29.9	ng/kg		U	bl	16.2			
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 90 + 101 + 113	65.7	65.7	ng/kg		U	bl	45.2			
RSAN2-10B	E0800640	EPA 1668A	SO	Pentachlorobiphenyl	280	280	ng/kg		U	bl	174			
RSAN2-20B	E0800640	EPA 1668A	SO	Decachlorobiphenyl	60.3	60.3	ng/kg		UJ	bl,l	27.5			
RSAN2-20B	E0800640	EPA 1668A	SO	Dichlorobiphenyl	598	598	ng/kg		U	bl	165			
RSAN2-20B	E0800640	EPA 1668A	SO	Heptachlorobiphenyl	264	264	ng/kg		U	bl	145			
RSAN2-20B	E0800640	EPA 1668A	SO	Hexachlorobiphenyl	342	342	ng/kg		U	bl	276			
RSAN2-20B	E0800640	EPA 1668A	SO	Nonachlorobiphenyl	533	533	ng/kg		U	bl	369			
RSAN2-20B	E0800640	EPA 1668A	SO	Octachlorobiphenyl	708	708	ng/kg		U	bl	432			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-105	5.64	5.64	ng/kg		U	bl	4.35			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-11	488	488	ng/kg		UJ	bl,i	165			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-118	20.7	20.7	ng/kg		U	bl	16.8			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-132	21.3	21.3	ng/kg		U	bl	16.9			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-136	12.7	12.7	ng/kg		U	bl	8.55			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-141	18.0	18.0	ng/kg		U	bl	15.0			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-144	6.03	6.03	ng/kg		U	bl	4.31			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-146	9.82	9.82	ng/kg		U	bl	7.46			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-158	6.51	6.51	ng/kg		U	bl	4.74			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-164	5.32	5.32	ng/kg		U	bl	3.46			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-17	17.0	17.0	ng/kg		UJ	bl,i	8.73			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-174	26.0	26.0	ng/kg		U	bl	17.7			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-177	12.8	12.8	ng/kg		U	bl	7.85			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-178	10.3	10.3	ng/kg		U	bl	6.14			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-179	20.6	20.6	ng/kg		U	bl	14.4			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-183	19.2	19.2	ng/kg		UJK	bl,k	12.0			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-187	93.7	93.7	ng/kg		U	bl	52.9			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-194	36.8	36.8	ng/kg		U	bl	25.9			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-196	31.8	31.8	ng/kg		U	bl	16.7			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-201	33.1	33.1	ng/kg		U	bl	14.0			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-202	146	146	ng/kg		UJ	bl,l	75.8			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-203	153	153	ng/kg		U	bl	97.6			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-206	292	292	ng/kg		UJ	bl,l	217			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-207	41.6	41.6	ng/kg		U	bl	32.1			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-208	200	200	ng/kg		UJ	bl,l	121			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-22	14.8	14.8	ng/kg		UJ	bl,i	7.29			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-31	41.2	41.2	ng/kg		UJ	bl,i	19.9			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-32	10.9	10.9	ng/kg		UJ	bl,i	5.27			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-37	8.38	8.38	ng/kg		U	bl	5.89			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-52	41.8	41.8	ng/kg		U	bl	20.6			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-66	16.2	16.2	ng/kg		U	bl	12.1			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-84	9.61	9.61	ng/kg		U	bl	7.40			

**Table 3-4
Qualifications Based on Blank Contamination**

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Result	Units	LabQual	Qualifiers	Reason	bl Result	bt Result	be Result	bf Result
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-92	9.15	9.15	ng/kg		U	bl	6.87			
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-95	49.0	49.0	ng/kg		U	bl	35.4			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 110 + 115	39.3	39.3	ng/kg		U	bl	31.5			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 128 + 166	4.40	4.40	ng/kg		UJK	bl,k	4.00			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 129 + 138 + 163	67.2	67.2	ng/kg		U	bl	58.5			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 135 + 151	37.6	37.6	ng/kg		U	bl	29.9			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 147 + 149	70.0	70.0	ng/kg		U	bl	62.4			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 153 + 168	73.5	73.5	ng/kg		U	bl	61.1			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 18 + 30	30.4	30.4	ng/kg		UJ	bl,i	16.4			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 180 + 193	51.3	51.3	ng/kg		U	bl	33.9			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 198 + 199	283	283	ng/kg		U	bl	190			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 20 + 28	40.3	40.3	ng/kg		UJ	bl,i	21.2			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 21 + 33	25.4	25.4	ng/kg		UJ	bl,i	11.9			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 44 + 47 + 65	29.8	29.8	ng/kg		U	bl	14.2			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	36.0	36.0	ng/kg		U	bl	22.0			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 83 + 99	12.4	12.4	ng/kg		U	bl	7.47			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 85 + 116	3.14	3.14	ng/kg		UJK	bl,k	2.75			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 86 + 87 + 97 + 108 + 119 + 125	24.5	24.5	ng/kg		U	bl	16.2			
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 90 + 101 + 113	58.2	58.2	ng/kg		U	bl	45.2			
RSAN2-20B	E0800640	EPA 1668A	SO	Pentachlorobiphenyl	237	237	ng/kg		U	bl	174			
RSAN2-20B	E0800640	EPA 1668A	SO	Tetrachlorobiphenyl	190	190	ng/kg		U	bl	69.0			
RSAN2-20B	E0800640	EPA 1668A	SO	Trichlorobiphenyl	224	224	ng/kg		U	bl	96.5			

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

D - Analysis at a secondary dilution factor

J - Estimated value

K - Estimated Maximum Possible Concentration (EMPC) reported

N - Sample spike recovery not within control limits

U - Analyte was analyzed for but not detected

**Table 3-5
Qualifications Based on Laboratory Control Sample Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	LCS %R	LCSD %R	LCL	UCL
RSAN2-0.5B	E0800640	SW 846 8290	SO	2,3,7,8-Tetrachlorodibenzo-p-dioxin	18	ng/kg		J+	l	137	137	87	135
SA67-0.5B	E0800640	SW 846 8290	SO	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.59	ng/kg		J+	l	136	139	87	135
RSAJ8-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzofuran	200000	ng/kg		J	l,e	144		87	135
RSAJ8-0.5B	E0800661	SW 846 8290	SO	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1120	ng/kg		JK	l,k	144		87	135
SA180-0.5B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	1700	ug/kg		J+	l	143	150	50	120
SA180-0.5BD	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	1300	ug/kg		J+	l	143	150	50	120
SA180-10B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	1000	ug/kg		J	m,l,ld	143	150	50	120
SA180-20B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	770	ug/kg		J+	l	143	150	50	120
SA180-30B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	1100	ug/kg		J+	l	143	150	50	120
SA57-0.5B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	790	ug/kg		J+	l	143	150	50	120
SA57-10B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	850	ug/kg		J+	l	143	150	50	120
SA57-10BD	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	1500	ug/kg		J+	l	143	150	50	120
SA57-20B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	8200	ug/kg		J+	l	143	150	50	120
SA57-30B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	2000	ug/kg		J+	l	143	150	50	120
SA87-0.5B	R2844666	SW 846 8260B	SO	Acetone	6.5	ug/kg		J+	l,sp	130		75	125
SA87-20B	R2844666	SW 846 8260B	SO	Acetone	13	ug/kg		J+	c,l,sp	134		75	125
SA87-25B	R2844666	SW 846 8260B	SO	Acetone	14	ug/kg		J+	l,sp	130		75	125
SA87-30B	R2844666	SW 846 8260B	SO	Acetone	7.6	ug/kg		J+	l,sp	130		75	125
SA207-20B	R2844797	SW 846 8260B	SO	Acetone	6.7	ug/kg		J+	c,l,sp	134		75	125
RSAN2-0.5B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110	ug/kg		UJ	bl,l	270	323	50	120
RSAN2-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110	ug/kg		UJ	bl,m,l,ld	270	323	50	120
RSAN2-20B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	100	ug/kg		UJ	bl,l	270	323	50	120
SA183-0.5B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	240	ug/kg		UJ	bl,l	270	323	50	120
SA47-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	140	ug/kg		UJ	bl,l	270	323	50	120
SA47-20B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	340	ug/kg		UJ	bl,l	270	323	50	120
SA47-30B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	430	ug/kg		UJ	bl,l	270	323	50	120
SA47-35B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	140	ug/kg		UJ	bl,l	270	323	50	120
SA67-0.5B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110	ug/kg		UJ	bl,l	270	323	50	120
SA67-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	240	ug/kg		UJ	bl,l	270	323	50	120
SA67-30B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	380	ug/kg		UJ	bl,l	270	323	50	120
SA67-35B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	210	ug/kg		UJ	bl,l	270	323	50	120
RSAI7-10B	R2845025	SW 846 8270C	W	Pyridine	2.0	ug/l		UJ	h,l,ld	40	15	50	120
RSAI7-10B	R2845025	SW 846 8270C	W	Pyridine	2.1	ug/l		UJ	h,l,ld	40	15	50	120
RSAK4-0.5B	R0903184	SW 846 8081	SO	Endrin Aldehyde	18	ug/kg	U	UJ	l,ld	35	49	50	130
RSAK4009-0.5B	R0903184	SW 846 8081	SO	Endrin Aldehyde	86	ug/kg	U	UJ	l,ld	35	49	50	130
SA166-0.5B	R0903184	SW 846 8081	SO	Endrin Aldehyde	18	ug/kg	U	UJ	l,ld	35	49	50	130
RSAI2009-10B	R0903584	SW 846 8260B	SO	Acetone	4.3	ug/kg	BJ	UJ	bl,bt,be,bf,l	133		75	125
RSAI2009-10B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	0.51	ug/kg	U	UJ	l	67		75	125
RSAI2-10B	R0903584	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.59	ug/kg	U	UJ	l	72		75	125
RSAI2-10B	R0903584	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.63	ug/kg	U	UJ	l	74		75	125
RSAI2-10B	R0903584	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.57	ug/kg	U	UJ	l	70		75	125
RSAI2-10B	R0903584	SW 846 8260B	SO	Bromoform	0.35	ug/kg	U	UJ	l	73		75	125
RSAI2-10B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	0.62	ug/kg	U	UJ	l	71		75	125

**Table 3-5
Qualifications Based on Laboratory Control Sample Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	LCS %R	LCSD %R	LCL	UCL
RSAI2-20B	R0903584	SW 846 8260B	SO	Acetone	9.1	ug/kg	BJ	UJ	bt,be,l	133		75	125
RSAI2-20B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	0.48	ug/kg	U	UJ	1	67		75	125
RSAI2-31B	R0903584	SW 846 8260B	SO	Acetone	36	ug/kg		UJ	bt,be,l	133		75	125
RSAI2-31B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	1.1	ug/kg	U	UJ	1	67		75	125
RSAI3-10B	R0903584	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.80	ug/kg	U	UJ	1	72		75	125
RSAI3-10B	R0903584	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.84	ug/kg	U	UJ	1	74		75	125
RSAI3-10B	R0903584	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.77	ug/kg	U	UJ	1	70		75	125
RSAI3-10B	R0903584	SW 846 8260B	SO	Bromoform	0.47	ug/kg	U	UJ	1	73		75	125
RSAI3-10B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	0.83	ug/kg	U	UJ	1	71		75	125
RSAI3-20B	R0903584	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.91	ug/kg	U	UJ	1	72		75	125
RSAI3-20B	R0903584	SW 846 8260B	SO	1,2,4-Trichlorobenzene	0.96	ug/kg	U	UJ	1	74		75	125
RSAI3-20B	R0903584	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.88	ug/kg	U	UJ	1	70		75	125
RSAI3-20B	R0903584	SW 846 8260B	SO	Bromoform	0.53	ug/kg	U	UJ	1	73		75	125
RSAI3-20B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	0.95	ug/kg	U	UJ	1	71		75	125
RSAI3-32B	R0903584	SW 846 8260B	SO	1,2,3-Trichlorobenzene	0.99	ug/kg	U	UJ	1	72		75	125
RSAI3-32B	R0903584	SW 846 8260B	SO	1,2,4-Trichlorobenzene	1.1	ug/kg	U	UJ	1	74		75	125
RSAI3-32B	R0903584	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	0.95	ug/kg	U	UJ	1	70		75	125
RSAI3-32B	R0903584	SW 846 8260B	SO	Bromoform	0.58	ug/kg	U	UJ	1	73		75	125
RSAI3-32B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	1.1	ug/kg	U	UJ	1	71		75	125
RSAJ2009-33B	R0903584	SW 846 8260B	SO	Acetone	21	ug/kg	BJ	UJ	bt,be,l	133		75	125
RSAJ2009-33B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	1.5	ug/kg	U	UJ	1	67		75	125
RSAJ2-10B	R0903584	SW 846 8260B	SO	Acetone	7.9	ug/kg	BJ	UJ	bt,be,l	133		75	125
RSAJ2-10B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	1.1	ug/kg	U	UJ	1	67		75	125
RSAJ2-20B	R0903584	SW 846 8260B	SO	Acetone	24	ug/kg	J	UJ	bt,be,l	133		75	125
RSAJ2-20B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	1.2	ug/kg	U	UJ	1	67		75	125
RSAJ2-33B	R0903584	SW 846 8260B	SO	Acetone	10	ug/kg	BJ	UJ	bt,be,l	133		75	125
RSAJ2-33B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	1.3	ug/kg	U	UJ	1	67		75	125
SA202-28B	R0903584	SW 846 8260B	SO	1,2,3-Trichlorobenzene	1.3	ug/kg	U	UJ	1	72		75	125
SA202-28B	R0903584	SW 846 8260B	SO	1,2,4-Trichlorobenzene	1.3	ug/kg	U	UJ	1	74		75	125
SA202-28B	R0903584	SW 846 8260B	SO	1,2-Dibromo-3-chloropropane	1.2	ug/kg	U	UJ	1	70		75	125
SA202-28B	R0903584	SW 846 8260B	SO	Bromoform	0.72	ug/kg	U	UJ	1	73		75	125
SA202-28B	R0903584	SW 846 8260B	SO	Hexachlorobutadiene	1.3	ug/kg	U	UJ	1	71		75	125
SA82-10B	R0903678	SW 846 8260B	SO	Hexachlorobutadiene	0.87	ug/kg	U	UJ	1	59		75	125
SA82-10B	R0903678	SW 846 8260B	SO	N-Butylbenzene	0.67	ug/kg	U	UJ	1	71		75	125
SA82-10B	R0903678	SW 846 8260B	SO	sec-Butylbenzene	0.52	ug/kg	U	UJ	1	73		75	125
SA82-29B	R0903678	SW 846 9056	SO	Bromide	0.9	mg/kg	J	J+	l,sp	111		90	110
RSAL4-0.5B	R0903729	SW 846 8260B	SO	Acetone	6.8	ug/kg	BJ	UJ	bl,bf,fd,l	127		75	125
SA100-10B	R0903729	SW 846 8260B	SO	Acetone	22	ug/kg	B	J+	1	127		75	125
SA69-0.5B	R0903729	SW 846 8260B	SO	Acetone	6.4	ug/kg	BJ	UJ	bl,bf,l	127		75	125
SA69-10B	R0903729	SW 846 8260B	SO	Acetone	25	ug/kg	B	J+	1	127		75	125

**Table 3-5
Qualifications Based on Laboratory Control Sample Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	LCS %R	LCSD %R	LCL	UCL
RSAM4-0.5B	R0903820	SW 846 8260B	SO	Acetone	17	ug/kg	B	J+	1	127		75	125
RSAM4-10B	R0903820	SW 846 8260B	SO	Acetone	8.5	ug/kg	BJ	J+	1,sp	127		75	125
RSAN3-0.5B	R0903820	SW 846 8260B	SO	Acetone	3.6	ug/kg	BJ	UJ	bl,be,bf,l	127		75	125
RSAN3009-20B	R0903820	SW 846 8260B	SO	Acetone	6.6	ug/kg	BJ	UJ	bl,be,bf,l	127		75	125
RSAN3-10B	R0903820	SW 846 8260B	SO	Acetone	6.0	ug/kg	BJ	UJ	bl,be,bf,l	127		75	125
RSAN3-20B	R0903820	SW 846 8260B	SO	Acetone	5.1	ug/kg	BJ	UJ	bl,be,bf,l	127		75	125
RSAN4-0.5B	R0903820	SW 846 8260B	SO	Acetone	4.6	ug/kg	BJ	UJ	bl,be,bf,l	128		75	125
RSAN4009-10B	R0903820	SW 846 8260B	SO	Acetone	21	ug/kg	B	J+	1	128		75	125
RSAN4-10B	R0903820	SW 846 8260B	SO	Acetone	9.3	ug/kg	BJ	J+	1,sp	127		75	125
RSAN4-20B	R0903820	SW 846 8260B	SO	Acetone	13	ug/kg	BJ	J+	1,sp	128		75	125
RSAN4-31B	R0903820	SW 846 8260B	SO	Acetone	22	ug/kg	BJ	J+	1,sp	128		75	125
SA85-10B	R0903820	SW 846 8260B	SO	Acetone	45	ug/kg		J	1,m	128		75	125
SA85-20B	R0903820	SW 846 8260B	SO	Acetone	6.6	ug/kg	BJ	UJ	bl,bf,l	128		75	125
RSA03009-20B	R0903866	SW 846 8260B	SO	2-Hexanone	1.1	ug/kg	U	UJ	1	70		75	125
RSA03009-20B	R0903866	SW 846 8260B	SO	4-Methyl-2-pentanone	0.98	ug/kg	U	UJ	1	70		75	125
RSAM3-10BSPLP2	R0903926	EPA 314.0	W	Perchlorate	0.9	ug/l	J	J+	1,sp	118		85	115
RSAM3-10BSPLP2	R0903926	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	1	48	40	50	120
RSAM3-10BSPLP2	R0903926	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l,ld	37	21	50	120
RSAM3-10BSPLP3	R0903926	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	1	48	40	50	120
RSAM3-10BSPLP3	R0903926	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l,ld	37	21	50	120
RSAL5-30B	R0903970	EPA 300.1M	SO	chlorate	10100	ug/kg		J-	1	89	90		115
RSA03009-20B	R0903970	SW 846 8260B	SO	Acetone	9.7	ug/kg	J	J+	1,sp	135		75	125
RSA03009-20B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	0.98	ug/kg	U	UJ	1	67		75	125
RSA03-10B	R0903970	SW 846 8260B	SO	Acetone	3.7	ug/kg	J	UJ	be,bf,l	135		75	125
RSA03-10B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	0.54	ug/kg	U	UJ	1	67		75	125
RSA03-20B	R0903970	SW 846 8260B	SO	Acetone	16	ug/kg	J	J+	1,sp	135		75	125
RSA03-20B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	1.2	ug/kg	U	UJ	1	67		75	125
RSAJ5009-19B	R0903970	SW 846 8260B	SO	Acetone	7.6	ug/kg	J	UJ	be,l	135		75	125
RSAJ5009-19B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	2.7	ug/kg	J	J-	1,sp	67		75	125
RSAJ5-19B	R0903970	SW 846 8260B	SO	Acetone	11	ug/kg	J	J+	1,sp	135		75	125
RSAJ5-19B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	2.1	ug/kg	J	J-	1,sp	67		75	125
SA189-10B	R0903970	SW 846 8260B	SO	Acetone	8.2	ug/kg	J	UJ	be,l	135		75	125
SA189-10B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	1.2	ug/kg	U	UJ	1	67		75	125
SA189-29B	R0903970	SW 846 8260B	SO	Acetone	8.9	ug/kg	J	J+	1,sp	135		75	125
SA189-29B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	0.90	ug/kg	U	UJ	1	67		75	125
SA55-25B	R0903970	SW 846 8260B	SO	Acetone	7.1	ug/kg	J	UJ	be,bf,l	135		75	125
SA55-25B	R0903970	SW 846 8260B	SO	Hexachlorobutadiene	1.0	ug/kg	U	UJ	1	67		75	125
SA55-35B	R0903970	SW 846 8260B	SO	2-Hexanone	69	ug/kg	U	UJ	1	70		75	125
SA55-35B	R0903970	SW 846 8260B	SO	4-Methyl-2-pentanone	53	ug/kg	U	UJ	1	70		75	125
RSAJ6-10B	R0904016	SW 846 8260B	SO	Acetone	3.6	ug/kg	J	UJ	be,bf,l	135		75	125

**Table 3-5
Qualifications Based on Laboratory Control Sample Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	LCS %R	LCSD %R	LCL	UCL
RSAJ6-10B	R0904016	SW 846 8260B	SO	Hexachlorobutadiene	1.2	ug/kg	J	J-	l,sp	67		75	125
RSAJ6-19B	R0904016	SW 846 8260B	SO	Acetone	12	ug/kg	BJ	UJ	be,l	129		75	125
RSK6-10B	R0904016	SW 846 8260B	SO	Acetone	3.4	ug/kg	BJ	UJ	bl,be,bf,l	129		75	125
RSK6-24B	R0904016	SW 846 8260B	SO	Acetone	5.4	ug/kg	BJ	UJ	bl,be,bf,l	129		75	125
RSK8-10B	R0904016	SW 846 8260B	SO	Acetone	31	ug/kg	B	J+	l,sp	129		75	125
RSAL8-10B	R0904016	SW 846 8260B	SO	Acetone	7.8	ug/kg	BJ	UJ	be,l	129		75	125
RSAL8-28B	R0904016	SW 846 8260B	SO	Acetone	8.3	ug/kg	BJ	UJ	be,l	129		75	125
SA166-10B	R0904016	SW 846 8260B	SO	Acetone	5.7	ug/kg	BJ	UJ	bl,be,bf,l	129		75	125
SA56-25B	R0904016	EPA 314.0M	SO	Perchlorate	1150	ug/kg		J+	l	118		85	115
SA75-0.5B	R0904016	SW 846 8260B	SO	Acetone	20	ug/kg	B	UJ	be,l	129		75	125
SA75-10B	R0904016	SW 846 8260B	SO	Acetone	15	ug/kg	BJ	UJ	be,l	129		75	125
SA75-28B	R0904016	SW 846 8260B	SO	Acetone	25	ug/kg		J+	l	129		75	125
SA76-10B	R0904016	SW 846 8260B	SO	Acetone	17	ug/kg	B	UJ	be,l	129		75	125
SA76-20B	R0904016	SW 846 8260B	SO	Acetone	8.4	ug/kg	BJ	UJ	be,l	129		75	125
SA166-10BSPLP2	R0904084	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	l	40	40	50	120
SA166-10BSPLP2	R0904084	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l	32	29	50	120
SA166-10BSPLP3	R0904084	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	l	40	40	50	120
SA166-10BSPLP3	R0904084	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l	32	29	50	120
SA182-10BSPLP2	R0904084	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	l	40	40	50	120
SA182-10BSPLP2	R0904084	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l	32	29	50	120
SA182-10BSPLP3	R0904084	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	l	40	40	50	120
SA182-10BSPLP3	R0904084	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l	32	29	50	120
SA56-10BSPLP2	R0904084	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	l	40	40	50	120
SA56-10BSPLP2	R0904084	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l	32	29	50	120
SA56-10BSPLP3	R0904084	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	l	40	40	50	120
SA56-10BSPLP3	R0904084	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l	32	29	50	120
RSAH3-0.5B	R0904102	EPA 314.0M	SO	Perchlorate	362	ug/kg		J+	l	118		85	115
RSAH3009-0.5B	R0904102	EPA 314.0M	SO	Perchlorate	552	ug/kg		J+	l	118		85	115
RSAH3-10B	R0904102	EPA 314.0M	SO	Perchlorate	1030	ug/kg		J+	l	118		85	115
RSAH3-20B	R0904102	EPA 314.0M	SO	Perchlorate	510	ug/kg	J	J+	l,sp	118		85	115
RSAH3-32B	R0904102	EPA 314.0M	SO	Perchlorate	69500	ug/kg		J+	l	118		85	115
RSIA4-0.5B	R0904102	EPA 314.0M	SO	Perchlorate	11000	ug/kg		J+	l	118		85	115
RSIA4-10B	R0904102	EPA 314.0M	SO	Perchlorate	296	ug/kg		J+	l	118		85	115
RSIA4-20B	R0904102	EPA 314.0M	SO	Perchlorate	90300	ug/kg		J+	l	118		85	115
RSIA4-32B	R0904102	EPA 314.0M	SO	Perchlorate	381000	ug/kg		J+	l	118		85	115
RSIA5-0.5B	R0904102	EPA 314.0M	SO	Perchlorate	677	ug/kg		J+	l	118		85	115
RSIA5009-10B	R0904102	EPA 314.0M	SO	Perchlorate	843	ug/kg		J+	l	118		85	115
RSIA5-10B	R0904102	EPA 314.0M	SO	Perchlorate	705	ug/kg		J+	l	118		85	115
RSIA5-28B	R0904102	EPA 314.0M	SO	Perchlorate	37100	ug/kg		J+	l	118		85	115
SA182-10B	R0904102	EPA 314.0M	SO	Perchlorate	1530	ug/kg		J+	l	118		85	115

**Table 3-5
Qualifications Based on Laboratory Control Sample Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	LCS %R	LCSD %R	LCL	UCL
SA182-25B	R0904102	EPA 314.0M	SO	Perchlorate	3780	ug/kg		J+	1	118		85	115
SA182-38B	R0904102	EPA 314.0M	SO	Perchlorate	1020	ug/kg		J+	1	118		85	115
RSAJ3-10BSPLP2	R0904223	SW 846 8270C	W	1,4-Dioxane	0.13	ug/l	U	UJ	1	44	46	50	120
RSAJ3-10BSPLP2	R0904223	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	1,ld	23	49	50	120
RSAJ3-10BSPLP3	R0904223	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	1	31	32	50	120
RSAJ3-29BSPLP2	R0904223	SW 846 8081	W	Endrin Aldehyde	0.050	ug/l	U	UJ	1	19	20	50	130
RSAJ3-29BSPLP2	R0904223	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	1	31	32	50	120
RSAJ3-29BSPLP3	R0904223	SW 846 8081	W	Endrin Aldehyde	0.050	ug/l	U	UJ	1	19	20	50	130
RSAJ3-29BSPLP3	R0904223	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	1	31	32	50	120
RSAJ3-0.5B	R0903051-K	EPA 300.1M	SO	Chlorate	2180	ug/kg		J	1	72.4	90		115
RSAJ3-10B	R0904279	SW 846 8260B	SO	Dichlorodifluoromethane	0.47	ug/kg	U	UJ	1	73		75	125
RSAJ3-29B	R0904279	SW 846 8260B	SO	Dichlorodifluoromethane	0.51	ug/kg	U	UJ	1	73		75	125
SA127-10B	R0904279	SW 846 8260B	SO	Dichlorodifluoromethane	0.35	ug/kg	U	UJ	1	73		75	125
SA127-10B-berm	R0904279	SW 846 8260B	SO	Dichlorodifluoromethane	0.37	ug/kg	U	UJ	1	73		75	125
SA127-5B-berm	R0904279	SW 846 8260B	SO	Dichlorodifluoromethane	0.35	ug/kg	U	UJ	1	73		75	125
RSAN2-10B	E0800640	EPA 1668A	SO	Decachlorobiphenyl	48.3	ng/kg		UJ	bl,l	230		50	150
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-202	148	ng/kg		UJ	bl,l	178		50	150
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-206	296	ng/kg		UJ	bl,l	715		50	150
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-208	195	ng/kg		UJ	bl,l	306		50	150
RSAN2-20B	E0800640	EPA 1668A	SO	Decachlorobiphenyl	60.3	ng/kg		UJ	bl,l	230		50	150
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-202	146	ng/kg		UJ	bl,l	178		50	150
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-206	292	ng/kg		UJ	bl,l	715		50	150
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-208	200	ng/kg		UJ	bl,l	306		50	150
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-202	102	ng/kg		UJ	bl,l	178		50	150
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-208	160	ng/kg		UJ	bl,l	306		50	150
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-206	288	ng/kg		UJ	bl,l	715		50	150
RSAN2-0.5B	E0800640	EPA 1668A	SO	Decachlorobiphenyl	70.1	ng/kg		UJ	bl,l	230		50	150

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

LCS/LCSD - Laboratory Control Sample/Laboratory Control Sample Duplicate

LCL - Lower Control Limit

UCL - Upper Control Limit

Laboratory Qualifiers:

B - Analyte found in the associated method blank

J - Estimated value

U - Analyte was analyzed for but not detected

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA207-20B	211060	EPA 904.0 mod	SO	Ra-228	0.840	pCi/g		J-	m	74		75	125
SA57-0.5B	211060	EPA 904.0 mod	SO	Ra-228	1.35	pCi/g		J-	m	74		75	125
SA57-20B	211060	EPA 904.0 mod	SO	Ra-228	0.681	pCi/g		J-	m	74		75	125
SA57-30B	211060	EPA 904.0 mod	SO	Ra-228	1.70	pCi/g		J-	m	74		75	125
SA87-0.5B	211060	EPA 904.0 mod	SO	Ra-228	1.14	pCi/g		J-	m	74		75	125
SA87-20B	211060	EPA 904.0 mod	SO	Ra-228	0.988	pCi/g		J-	m	74		75	125
SA87-25B	211060	EPA 904.0 mod	SO	Ra-228	1.48	pCi/g		J-	m	74		75	125
RSA02-0.5B	211412	EPA 903.1 mod	SO	Ra-226	1.78	pCi/g		J-	m	72		75	125
RSA02-10B	211412	EPA 903.1 mod	SO	Ra-226	1.74	pCi/g		J-	m	72		75	125
RSA02-20B	211412	EPA 903.1 mod	SO	Ra-226	5.26	pCi/g		J-	m	72		75	125
RSA02-20BD	211412	EPA 903.1 mod	SO	Ra-226	4.09	pCi/g		J-	m	72		75	125
RSA02-30B	211412	EPA 903.1 mod	SO	Ra-226	2.42	pCi/g		J-	m	72		75	125
RSA02-33B	211412	EPA 903.1 mod	SO	Ra-226	2.16	pCi/g		J-	m	72		75	125
RSA04-0.5B	211412	EPA 903.1 mod	SO	Ra-226	1.10	pCi/g		J-	m	72		75	125
RSA04-10B	211412	EPA 903.1 mod	SO	Ra-226	1.34	pCi/g		J-	m	72		75	125
RSA04-20B	211412	EPA 903.1 mod	SO	Ra-226	8.57	pCi/g		J-	m	72		75	125
RSA04-30B	211412	EPA 903.1 mod	SO	Ra-226	2.94	pCi/g		J-	m	72		75	125
RSA04-36B	211412	EPA 903.1 mod	SO	Ra-226	2.63	pCi/g		J-	m	72		75	125
RSAN2-30B	211412	EPA 903.1 mod	SO	Ra-226	2.59	pCi/g		J-	m	72		75	125
RSAN2-30BD	211412	EPA 903.1 mod	SO	Ra-226	2.39	pCi/g		J-	m	72		75	125
RSAN2-35B	211412	EPA 903.1 mod	SO	Ra-226	1.70	pCi/g		J-	m	72		75	125
SA183-10B	211412	EPA 903.1 mod	SO	Ra-226	1.30	pCi/g		J-	m	72		75	125
SA183-10BD	211412	EPA 903.1 mod	SO	Ra-226	1.54	pCi/g		J-	m	72		75	125
SA183-20B	211412	EPA 903.1 mod	SO	Ra-226	7.98	pCi/g		J-	m	72		75	125
SA183-30B	211412	EPA 903.1 mod	SO	Ra-226	2.09	pCi/g		J-	m	72		75	125
SA183-33B	211412	EPA 903.1 mod	SO	Ra-226	2.06	pCi/g		J-	m	72		75	125
SA207-30B	211412	EPA 903.1 mod	SO	Ra-226	2.05	pCi/g		J-	m	72		75	125
RSAI7-10B	211948	EPA 904.0 MOD	W	Ra-228	1.85	pci/l		J-	m	62		75	125
RSAI7-10B	211948	EPA 904.0 MOD	W	Ra-228	0.0362	pci/l		UJ	m	62		75	125
RSAI7-10B	211948	HASL-300	W	U-238	1.64	pci/l		J	m,ld	154		75	125
RSAI7-10B	211948	HASL-300	W	U-238	1.23	pci/l		J	m,ld	154		75	125
SA180-0.5B	0	SW 846 6020	SO	Antimony	0.45	mg/kg		J-	m	34.4; 38.6		75	125
SA180-0.5B	0	SW 846 6020	SO	Tungsten	1.55	mg/kg		J-	m	63.6; 59.9		75	125
SA180-10B	0	SW 846 6010B	SO	Manganese	286	mg/kg		J	m,ld	189.2		75	125
SA180-10B	0	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	34.4; 38.6		75	125
SA180-10B	0	SW 846 6020	SO	Tungsten	0.35	mg/kg		J-	m	63.6; 59.9		75	125
SA180-20B	0	SW 846 6020	SO	Antimony	0.21	mg/kg		J-	m	34.4; 38.6		75	125
SA180-20B	0	SW 846 6020	SO	Tungsten	0.44	mg/kg		J-	m	63.6; 59.9		75	125
SA180-30B	0	SW 846 6020	SO	Antimony	0.22	mg/kg		J-	m	34.4; 38.6		75	125
SA180-30B	0	SW 846 6020	SO	Tungsten	0.31	mg/kg		J-	m	63.6; 59.9		75	125
SA57-0.5B	0	SW 846 6020	SO	Antimony	1.35	mg/kg		J-	m	34.4; 38.6		75	125
SA57-0.5B	0	SW 846 6020	SO	Tungsten	2.06	mg/kg		J-	m	63.6; 59.9		75	125
SA57-10B	0	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	34.4; 38.6		75	125
SA57-10B	0	SW 846 6020	SO	Tungsten	0.28	mg/kg		J-	m	63.6; 59.9		75	125
SA57-20B	0	SW 846 6020	SO	Antimony	0.36	mg/kg		J-	m	34.4; 38.6		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA57-20B	0	SW 846 6020	SO	Tungsten	0.36	mg/kg		J-	m	63.6; 59.9		75	125
SA57-30B	0	SW 846 6020	SO	Antimony	0.18	mg/kg		J-	m	34.4; 38.6		75	125
SA57-30B	0	SW 846 6020	SO	Tungsten	0.2	mg/kg		UJ	bl,m	63.6; 59.9		75	125
SA87-0.5B	0	SW 846 6020	SO	Antimony	0.17	mg/kg		J-	m	34.4; 38.6		75	125
SA87-0.5B	0	SW 846 6020	SO	Tungsten	0.32	mg/kg		J-	m	63.6; 59.9		75	125
SA87-10B	0	SW 846 6010B	SO	Titanium	941	mg/kg		J-	m	58.9		75	125
SA87-10B	0	SW 846 6020	SO	Antimony	0.17	mg/kg		J-	m	34.4; 38.6		75	125
SA87-10B	0	SW 846 6020	SO	Tungsten	0.27	mg/kg		J-	m	63.6; 59.9		75	125
SA87-20B	0	SW 846 6020	SO	Antimony	0.1	mg/kg		J-	m	34.4; 38.6		75	125
SA87-20B	0	SW 846 6020	SO	Tungsten	0.36	mg/kg		J-	m	63.6; 59.9		75	125
SA87-25B	0	SW 846 6020	SO	Antimony	0.25	mg/kg		J-	m	34.4; 38.6		75	125
SA87-25B	0	SW 846 6020	SO	Tungsten	0.38	mg/kg		J-	m	63.6; 59.9		75	125
SA87-30B	0	SW 846 6020	SO	Antimony	0.2	mg/kg		J-	m	34.4; 38.6		75	125
SA87-30B	0	SW 846 6020	SO	Tungsten	0.32	mg/kg		J-	m	63.6; 59.9		75	125
SA181-0.5B	7	SW 846 6010B	SO	Manganese	478	mg/kg		J	m,ld	47.4		75	125
SA181-0.5B	7	SW 846 6010B	SO	Strontium	131	mg/kg		J	m,ld	159.8		75	125
SA181-0.5B	7	SW 846 6020	SO	Antimony	0.198	mg/kg		J-	m	35.4		75	125
SA181-0.5B	7	SW 846 6020	SO	Tungsten	0.34	mg/kg		J-	m	59.5		75	125
SA181-10B	7	SW 846 6010B	SO	Manganese	392	mg/kg		J	m,ld	47.4		75	125
SA181-10B	7	SW 846 6010B	SO	Strontium	275	mg/kg		J	m,ld	159.8		75	125
SA181-10B	7	SW 846 6020	SO	Antimony	0.151	mg/kg		J-	m	35.4		75	125
SA181-10B	7	SW 846 6020	SO	Tungsten	0.3	mg/kg		J-	m	59.5		75	125
SA181-20B	7	SW 846 6010B	SO	Manganese	323	mg/kg		J	m,ld	47.4		75	125
SA181-20B	7	SW 846 6010B	SO	Strontium	1650	mg/kg		J	m,ld	159.8		75	125
SA181-20B	7	SW 846 6020	SO	Antimony	0.198	mg/kg		J-	m	35.4		75	125
SA181-20B	7	SW 846 6020	SO	Tungsten	0.45	mg/kg		J-	m	59.5		75	125
SA181-30B	7	SW 846 6010B	SO	Manganese	213	mg/kg		J	m,ld	47.4		75	125
SA181-30B	7	SW 846 6010B	SO	Strontium	171	mg/kg		J	m,ld	159.8		75	125
SA181-30B	7	SW 846 6020	SO	Antimony	0.122	mg/kg		J-	m	35.4		75	125
SA181-30B	7	SW 846 6020	SO	Tungsten	0.27	mg/kg		J-	m	59.5		75	125
SA181-35B	7	SW 846 6010B	SO	Manganese	246	mg/kg		J	m,ld	47.4		75	125
SA181-35B	7	SW 846 6010B	SO	Strontium	189	mg/kg		J	m,ld	159.8		75	125
SA181-35B	7	SW 846 6020	SO	Antimony	0.152	mg/kg		J-	m	35.4		75	125
SA181-35B	7	SW 846 6020	SO	Tungsten	0.25	mg/kg		J-	m	59.5		75	125
SA207-0.5B	7	SW 846 6010B	SO	Manganese	78.2	mg/kg		J	m,ld	47.4		75	125
SA207-0.5B	7	SW 846 6010B	SO	Strontium	43.9	mg/kg		J	m,ld	159.8		75	125
SA207-0.5B	7	SW 846 6020	SO	Antimony	0.318	mg/kg		J-	m	35.4		75	125
SA207-0.5B	7	SW 846 6020	SO	Tungsten	1	mg/kg		J-	m	59.5		75	125
SA207-10B	7	SW 846 6010B	SO	Manganese	48.1	mg/kg		J	m,ld	47.4		75	125
SA207-10B	7	SW 846 6010B	SO	Strontium	31.6	mg/kg		J	m,ld	159.8		75	125
SA207-10B	7	SW 846 6020	SO	Antimony	0.143	mg/kg		J-	m	35.4		75	125
SA207-10B	7	SW 846 6020	SO	Tungsten	0.51	mg/kg		J-	m	59.5		75	125
SA207-20B	7	SW 846 6010B	SO	Manganese	300	mg/kg		J	m,ld	47.4		75	125
SA207-20B	7	SW 846 6010B	SO	Strontium	287	mg/kg		J	m,ld	159.8		75	125
SA207-20B	7	SW 846 6020	SO	Antimony	0.156	mg/kg		J-	m	35.4		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA207-20B	7	SW 846 6020	SO	Tungsten	0.3	mg/kg		J-	m	59.5		75	125
SA207-30B	7	SW 846 6010B	SO	Manganese	196	mg/kg		J	m,ld	47.4		75	125
SA207-30B	7	SW 846 6010B	SO	Strontium	1810	mg/kg		J	m,ld	159.8		75	125
SA207-30B	7	SW 846 6020	SO	Antimony	0.148	mg/kg		J-	m	35.4		75	125
SA207-30B	7	SW 846 6020	SO	Tungsten	0.42	mg/kg		J-	m	59.5		75	125
SA207-40B	7	SW 846 6010B	SO	Manganese	231	mg/kg		J	m,ld	47.4		75	125
SA207-40B	7	SW 846 6010B	SO	Strontium	213	mg/kg		J	m,ld	159.8		75	125
SA207-40B	7	SW 846 6020	SO	Antimony	0.156	mg/kg		J-	m	35.4		75	125
SA207-40B	7	SW 846 6020	SO	Tungsten	0.34	mg/kg		J-	m	59.5		75	125
RSAN2-0.5B	6	SW 846 6020	SO	Antimony	0.11	mg/kg		J-	m	52.3		75	125
RSAN2-0.5B	6	SW 846 6020	SO	Tungsten	0.16	mg/kg		UJ	bl,m	60.5		75	125
RSAN2-10B	6	SW 846 6020	SO	Antimony	0.09	mg/kg		J-	m	52.3		75	125
RSAN2-10B	6	SW 846 6020	SO	Tungsten	0.15	mg/kg		UJ	bl,m	60.5		75	125
RSAN2-20B	6	SW 846 6020	SO	Antimony	0.05	mg/kg		UJ	m	52.3		75	125
RSAN2-20B	6	SW 846 6020	SO	Tungsten	0.4	mg/kg		J-	m	60.5		75	125
SA183-0.5B	6	SW 846 6020	SO	Antimony	0.18	mg/kg		J-	m	52.3		75	125
SA183-0.5B	6	SW 846 6020	SO	Tungsten	0.3	mg/kg		J-	m	60.5		75	125
SA47-0.5B	6	SW 846 6020	SO	Antimony	0.12	mg/kg		J-	m	52.3		75	125
SA47-0.5B	6	SW 846 6020	SO	Tungsten	0.56	mg/kg		J-	m	60.5		75	125
SA47-10B	6	SW 846 6020	SO	Antimony	0.06	mg/kg		UJ	m	52.3		75	125
SA47-10B	6	SW 846 6020	SO	Tungsten	0.22	mg/kg		UJ	bl,m	60.5		75	125
SA47-20B	6	SW 846 6020	SO	Antimony	0.05	mg/kg		UJ	m	52.3		75	125
SA47-20B	6	SW 846 6020	SO	Tungsten	0.52	mg/kg		J-	m	60.5		75	125
SA47-30B	6	SW 846 6020	SO	Antimony	0.11	mg/kg		J-	m	52.3		75	125
SA47-30B	6	SW 846 6020	SO	Tungsten	0.28	mg/kg		J-	m	60.5		75	125
SA47-35B	6	SW 846 6020	SO	Antimony	0.11	mg/kg		J-	m	52.3		75	125
SA47-35B	6	SW 846 6020	SO	Tungsten	0.32	mg/kg		J-	m	60.5		75	125
SA67-0.5B	6	SW 846 6020	SO	Antimony	0.13	mg/kg		J-	m	52.3		75	125
SA67-0.5B	6	SW 846 6020	SO	Tungsten	0.25	mg/kg		J-	m	60.5		75	125
SA67-10B	6	SW 846 6020	SO	Antimony	0.14	mg/kg		J-	m	52.3		75	125
SA67-10B	6	SW 846 6020	SO	Tungsten	0.3	mg/kg		J-	m	60.5		75	125
SA67-20B	6	SW 846 6020	SO	Antimony	0.05	mg/kg		UJ	m	52.3		75	125
SA67-20B	6	SW 846 6020	SO	Tungsten	0.32	mg/kg		J-	m	60.5		75	125
SA67-30B	6	SW 846 6020	SO	Antimony	0.15	mg/kg		J-	m	52.3		75	125
SA67-30B	6	SW 846 6020	SO	Tungsten	0.27	mg/kg		J-	m	60.5		75	125
SA67-35B	6	SW 846 6020	SO	Antimony	0.17	mg/kg		J-	m	52.3		75	125
SA67-35B	6	SW 846 6020	SO	Tungsten	0.22	mg/kg		J-	m	60.5		75	125
RSA02-0.5B	5	SW 846 6020	SO	Antimony	0.13	mg/kg		J-	m	50.5		75	125
RSA02-0.5B	5	SW 846 6020	SO	Tungsten	0.23	mg/kg		J-	m	58.3		75	125
RSA02-10B	5	SW 846 6020	SO	Antimony	0.05	mg/kg		UJ	m	50.5		75	125
RSA02-10B	5	SW 846 6020	SO	Tungsten	0.16	mg/kg		UJ	bl,m	58.3		75	125
RSA02-20B	5	SW 846 6020	SO	Antimony	0.11	mg/kg		J-	m	50.5		75	125
RSA02-20B	5	SW 846 6020	SO	Tungsten	0.2	mg/kg		UJ	bl,m	58.3		75	125
RSA02-20BD	5	SW 846 6020	SO	Antimony	0.12	mg/kg		J-	m	50.5		75	125
RSA02-20BD	5	SW 846 6020	SO	Tungsten	0.21	mg/kg		UJ	bl,m	58.3		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSA02-30B	5	SW 846 6020	SO	Antimony	0.08	mg/kg		J-	m	50.5		75	125
RSA02-30B	5	SW 846 6020	SO	Tungsten	0.13	mg/kg		UJ	bl,m	58.3		75	125
RSA02-33B	5	SW 846 6020	SO	Antimony	0.08	mg/kg		J-	m	50.5		75	125
RSA02-33B	5	SW 846 6020	SO	Tungsten	0.17	mg/kg		UJ	bl,m	58.3		75	125
RSA04-0.5B	5	SW 846 6020	SO	Antimony	0.14	mg/kg		J-	m	50.5		75	125
RSA04-0.5B	5	SW 846 6020	SO	Tungsten	0.9	mg/kg		J-	m	58.3		75	125
RSA04-10B	5	SW 846 6020	SO	Antimony	0.11	mg/kg		J-	m	50.5		75	125
RSA04-10B	5	SW 846 6020	SO	Tungsten	0.15	mg/kg		UJ	bl,m	58.3		75	125
RSA04-20B	5	SW 846 6020	SO	Antimony	0.07	mg/kg		J-	m	50.5		75	125
RSA04-20B	5	SW 846 6020	SO	Tungsten	0.32	mg/kg		J-	m	58.3		75	125
RSA04-30B	5	SW 846 6020	SO	Antimony	0.18	mg/kg		J-	m	50.5		75	125
RSA04-30B	5	SW 846 6020	SO	Tungsten	0.52	mg/kg		J-	m	58.3		75	125
RSA04-36B	5	SW 846 6020	SO	Antimony	0.1	mg/kg		J-	m	50.5		75	125
RSA04-36B	5	SW 846 6020	SO	Tungsten	0.78	mg/kg		J-	m	58.3		75	125
RSAN2-30B	5	SW 846 6020	SO	Antimony	0.15	mg/kg		J-	m	50.5		75	125
RSAN2-30B	5	SW 846 6020	SO	Tungsten	0.69	mg/kg		J-	m	58.3		75	125
RSAN2-30BD	5	SW 846 6020	SO	Antimony	0.18	mg/kg		J-	m	50.5		75	125
RSAN2-30BD	5	SW 846 6020	SO	Tungsten	0.76	mg/kg		J-	m	58.3		75	125
RSAN2-35B	5	SW 846 6020	SO	Antimony	0.15	mg/kg		J-	m	50.5		75	125
RSAN2-35B	5	SW 846 6020	SO	Tungsten	0.19	mg/kg		UJ	bl,m	58.3		75	125
SA183-10B	5	SW 846 6020	SO	Antimony	0.11	mg/kg		J-	m	50.5		75	125
SA183-10B	5	SW 846 6020	SO	Tungsten	0.19	mg/kg		UJ	bl,m	58.3		75	125
SA183-10BD	5	SW 846 6020	SO	Antimony	0.08	mg/kg		J-	m	50.5		75	125
SA183-10BD	5	SW 846 6020	SO	Tungsten	0.17	mg/kg		UJ	bl,m	58.3		75	125
SA183-20B	5	SW 846 6020	SO	Antimony	0.14	mg/kg		J-	m	50.5		75	125
SA183-20B	5	SW 846 6020	SO	Tungsten	0.21	mg/kg		J-	m	58.3		75	125
SA183-30B	5	SW 846 6020	SO	Antimony	0.09	mg/kg		J-	m	50.5		75	125
SA183-30B	5	SW 846 6020	SO	Tungsten	0.49	mg/kg		J-	m	58.3		75	125
SA183-33B	5	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	50.5		75	125
SA183-33B	5	SW 846 6020	SO	Tungsten	0.4	mg/kg		J-	m	58.3		75	125
RSAI7-0.5B	7	SW 846 6020	SO	Antimony	0.17	mg/kg		J-	m	35		75	125
RSAI7-0.5B	7	SW 846 6020	SO	Tungsten	0.18	mg/kg		UJ	bl,m	69.5		75	125
RSAI7-10B	7	SW 846 6020	SO	Antimony	0.19	mg/kg		J-	m	35		75	125
RSAI7-10B	7	SW 846 6020	SO	Tungsten	0.19	mg/kg		UJ	bl,m	69.5		75	125
RSAI7-20B	7	SW 846 6020	SO	Antimony	0.11	mg/kg		J-	m	36.8		75	125
RSAI7-20B	7	SW 846 6020	SO	Tungsten	0.14	mg/kg		UJ	bl,m	58.2		75	125
RSAI7-30B	7	SW 846 6020	SO	Antimony	0.19	mg/kg		J-	m	36.8		75	125
RSAI7-30B	7	SW 846 6020	SO	Tungsten	0.37	mg/kg		J-	m	58.2		75	125
RSAI7-32B	7	SW 846 6020	SO	Antimony	0.23	mg/kg		J-	m	26.1		75	125
RSAI7-32B	7	SW 846 6020	SO	Tungsten	0.21	mg/kg		J-	m	58.9		75	125
RSAJ8-0.5B	7	SW 846 6020	SO	Antimony	0.31	mg/kg		J-	m	35		75	125
RSAJ8-0.5B	7	SW 846 6020	SO	Tungsten	0.82	mg/kg		J-	m	69.5		75	125
RSAJ8-10B	7	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	35		75	125
RSAJ8-10B	7	SW 846 6020	SO	Tungsten	0.1	mg/kg		UJ	bl,m	69.5		75	125
RSAJ8-20B	7	SW 846 6020	SO	Antimony	0.17	mg/kg		J-	m	35		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAJ8-20B	7	SW 846 6020	SO	Tungsten	0.28	mg/kg		J-	m	69.5		75	125
RSAJ8-30B	7	SW 846 6020	SO	Antimony	0.15	mg/kg		J-	m	35		75	125
RSAJ8-30B	7	SW 846 6020	SO	Tungsten	0.2	mg/kg		UJ	bl,m	69.5		75	125
RSAJ8-33B	7	SW 846 6020	SO	Antimony	0.1	mg/kg		J-	m	35		75	125
RSAJ8-33B	7	SW 846 6020	SO	Tungsten	0.27	mg/kg		J-	m	69.5		75	125
RS AK2-0.5B	7	SW 846 6020	SO	Antimony	0.22	mg/kg		J-	m	35		75	125
RS AK2-0.5B	7	SW 846 6020	SO	Tungsten	0.25	mg/kg		J-	m	69.5		75	125
RS AK2-10B	7	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	35		75	125
RS AK2-10B	7	SW 846 6020	SO	Tungsten	0.17	mg/kg		UJ	bl,m	69.5		75	125
RS AK2-20B	7	SW 846 6020	SO	Antimony	0.2	mg/kg		J-	m	35		75	125
RS AK2-20B	7	SW 846 6020	SO	Tungsten	0.16	mg/kg		UJ	bl,m	69.5		75	125
RS AK2-20BD	7	SW 846 6020	SO	Antimony	0.14	mg/kg		J-	m	35		75	125
RS AK2-20BD	7	SW 846 6020	SO	Tungsten	0.13	mg/kg		UJ	bl,m	69.5		75	125
RS AK2-30B	7	SW 846 6020	SO	Antimony	0.19	mg/kg		J-	m	35		75	125
RS AK2-30B	7	SW 846 6020	SO	Tungsten	0.2	mg/kg		UJ	bl,m	69.5		75	125
RS AK2-35B	7	SW 846 6020	SO	Antimony	0.2	mg/kg		J-	m	35		75	125
RS AK2-35B	7	SW 846 6020	SO	Tungsten	0.13	mg/kg		UJ	bl,m	69.5		75	125
RS AL2-0.5B	7	SW 846 6020	SO	Antimony	0.2	mg/kg		J-	m	35		75	125
RS AL2-0.5B	7	SW 846 6020	SO	Tungsten	0.57	mg/kg		J-	m	69.5		75	125
RS AL2-10B	7	SW 846 6020	SO	Antimony	0.2	mg/kg		J-	m	35		75	125
RS AL2-10B	7	SW 846 6020	SO	Tungsten	0.17	mg/kg		UJ	bl,m	69.5		75	125
RS AL2-20B	7	SW 846 6020	SO	Antimony	0.14	mg/kg		J-	m	35		75	125
RS AL2-20B	7	SW 846 6020	SO	Tungsten	0.34	mg/kg		J-	m	69.5		75	125
RS AL2-20BD	7	SW 846 6020	SO	Antimony	0.15	mg/kg		J-	m	35		75	125
RS AL2-20BD	7	SW 846 6020	SO	Tungsten	0.25	mg/kg		J-	m	69.5		75	125
RS AL2-30B	7	SW 846 6020	SO	Antimony	0.15	mg/kg		J-	m	35		75	125
RS AL2-30B	7	SW 846 6020	SO	Tungsten	0.18	mg/kg		UJ	bl,m	69.5		75	125
RS AL2-37B	7	SW 846 6020	SO	Antimony	0.22	mg/kg		J-	m	35		75	125
RS AL2-37B	7	SW 846 6020	SO	Tungsten	0.28	mg/kg		J-	m	69.5		75	125
RS AL2-40B	7	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	35		75	125
RS AL2-40B	7	SW 846 6020	SO	Tungsten	0.19	mg/kg		UJ	bl,m	69.5		75	125
RS AJ7-0.5B	8	SW 846 6020	SO	Antimony	0.32	mg/kg		J-	m	36.8		10	107
RS AJ7-0.5B	8	SW 846 6020	SO	Tungsten	0.75	mg/kg		J-	m	58.2		75	125
RS AJ7-10B	8	SW 846 6020	SO	Antimony	0.19	mg/kg		J-	m	36.8		10	107
RS AJ7-10B	8	SW 846 6020	SO	Tungsten	0.17	mg/kg		UJ	bl,m	58.2		75	125
RS AJ7-20B	8	SW 846 6020	SO	Antimony	0.17	mg/kg		J-	m	36.8		10	107
RS AJ7-20B	8	SW 846 6020	SO	Tungsten	0.26	mg/kg		J-	m	58.2		75	125
RS AK7-0.5B	8	SW 846 6020	SO	Antimony	0.4	mg/kg		J-	m	36.8		10	107
RS AK7-0.5B	8	SW 846 6020	SO	Tungsten	1.7	mg/kg		J-	m	58.2		75	125
RS AK7-10B	8	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	36.8		10	107
RS AK7-10B	8	SW 846 6020	SO	Tungsten	0.37	mg/kg		J-	m	58.2		75	125
RS AK7-10BD	8	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	36.8		10	107
RS AK7-10BD	8	SW 846 6020	SO	Tungsten	0.28	mg/kg		J-	m	58.2		75	125
RS AK7-20B	8	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	36.8		10	107
RS AK7-20B	8	SW 846 6020	SO	Tungsten	0.27	mg/kg		J-	m	58.2		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RS AK7-27B	8	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	36.8		10	107
RS AK7-27B	8	SW 846 6020	SO	Tungsten	0.31	mg/kg		J-	m	58.2		75	125
SA46-0.5B	8	SW 846 6020	SO	Antimony	0.17	mg/kg		J-	m	36.8		10	107
SA46-0.5B	8	SW 846 6020	SO	Tungsten	0.22	mg/kg		UJ	bl,m	58.2		75	125
SA46-10B	8	SW 846 6020	SO	Antimony	0.16	mg/kg		J-	m	36.8		10	107
SA46-10B	8	SW 846 6020	SO	Tungsten	0.26	mg/kg		J-	m	58.2		75	125
SA46-20B	8	SW 846 6020	SO	Antimony	0.45	mg/kg		J-	m	36.8		10	107
SA46-20B	8	SW 846 6020	SO	Tungsten	0.26	mg/kg		J-	m	58.2		75	125
SA46-30B	8	SW 846 6020	SO	Antimony	0.23	mg/kg		J-	m	36.8		10	107
SA46-30B	8	SW 846 6020	SO	Tungsten	0.54	mg/kg		J-	m	58.2		75	125
SA46-30BD	8	SW 846 6020	SO	Antimony	0.2	mg/kg		J-	m	36.8		10	107
SA46-30BD	8	SW 846 6020	SO	Tungsten	0.51	mg/kg		J-	m	58.2		75	125
SA48-0.5B	8	SW 846 6020	SO	Antimony	0.61	mg/kg		J-	m	36.8		10	107
SA48-0.5B	8	SW 846 6020	SO	Tungsten	0.83	mg/kg		J-	m	58.2		75	125
SA48-10B	8	SW 846 6020	SO	Antimony	0.18	mg/kg		J-	m	36.8		10	107
SA48-10B	8	SW 846 6020	SO	Tungsten	0.15	mg/kg		UJ	bl,m	58.2		75	125
SA48-20B	8	SW 846 6020	SO	Antimony	0.15	mg/kg		J-	m	36.8		10	107
SA48-20B	8	SW 846 6020	SO	Tungsten	0.25	mg/kg		J-	m	58.2		75	125
SA48-30B	8	SW 846 6020	SO	Antimony	0.24	mg/kg		J-	m	36.8		10	107
SA48-30B	8	SW 846 6020	SO	Tungsten	0.17	mg/kg		UJ	bl,m	58.2		75	125
SA48-35B	8	SW 846 6020	SO	Antimony	0.3	mg/kg		J-	m	36.8		10	107
SA48-35B	8	SW 846 6020	SO	Tungsten	0.18	mg/kg		UJ	bl,m	58.2		75	125
RS AI7-10B	4	SW 846 6020	W	Uranium	2	ug/l		J+	m	131		75	125
SA180-10B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	1000	ug/kg		J	m,l,ld	157	46	50	150
SA87-0.5B	R2844666	SM 2320B	SO	Alkalinity (as CaCO3)	487	mg/kg		J-	m	23		75	125
SA87-10B	R2844666	SM 2320B	SO	Alkalinity (as CaCO3)	441	mg/kg		J-	m	23		75	125
SA87-10B	R2844666	SW 846 9056	SO	Sulfate	405	mg/kg		J-	m	54		75	125
SA87-25B	R2844666	SM 2320B	SO	Alkalinity (as CaCO3)	440	mg/kg		J-	m	23		75	125
SA87-30B	R2844666	SW 846 9056	SO	Sulfate	766	mg/kg		J-	m	54		75	125
SA207-30B	R2844797	SW 846 9056	SO	Chloride	973	mg/kg		J-	m	53		75	125
RS AN2-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110	ug/kg		UJ	bl,m,l,ld	159	250	50	150
RS AI7-0.5B	R2844922	SW 846 9056	SO	Bromide	10.7	mg/kg		R	m	26		75	125
RS AI7-10B	R2844922	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m	26		75	125
RS AI7-20B	R2844922	SW 846 9056	SO	Bromide	15.4	mg/kg		J-	m	26		75	125
RS AI7-30B	R2844922	SW 846 9056	SO	Bromide	21.8	mg/kg		J-	m	26		75	125
RS AJ8-0.5B	R2844922	SW 846 9056	SO	Bromide	11.6	mg/kg		R	m	26		75	125
RS AJ8-10B	R2844922	SW 846 9056	SO	Bromide	11.1	mg/kg		R	m	26		75	125
RS AJ8-20B	R2844922	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m	26		75	125
RS AJ8-30B	R2844922	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m	26		75	125
RS AJ8-33B	R2844922	SW 846 9056	SO	Bromide	10.3	mg/kg		R	m	26		75	125
RS AJ8-33B	R2844922	SW 846 9056	SO	Nitrate (as N)	5.51	mg/kg		J+	m	318		75	125
RS AL2-0.5B	R2844922	SW 846 9056	SO	Bromide	11.6	mg/kg		J-	m	26		75	125
RS AL2-10B	R2844922	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m	26		75	125
RS AL2-20B	R2844922	SW 846 9056	SO	Bromide	11.4	mg/kg		R	m	26		75	125
RS AL2-20BD	R2844922	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m	26		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAL2-30B	R2844922	SW 846 9056	SO	Bromide	15.3	mg/kg		R	m	26		75	125
RSAL2-37B	R2844922	SW 846 9056	SO	Bromide	13.4	mg/kg		R	m	26		75	125
RSAL2-40B	R2844922	SW 846 9056	SO	Bromide	14.5	mg/kg		R	m	26		75	125
RSAJ6-10B	233612	HASL-300	SO	U-238	1.46	pCi/g		J-	m	73.3		75	125
RSAJ6-19B	233612	HASL-300	SO	U-238	1.81	pCi/g		J-	m	73.3		75	125
RSAK6-10B	233612	HASL-300	SO	U-238	1.72	pCi/g		J-	m	73.3		75	125
RSAK6-24B	233612	HASL-300	SO	U-238	2.39	pCi/g		J-	m	73.3		75	125
SA166-10B	233612	HASL-300	SO	U-238	0.939	pCi/g		J-	m	73.3		75	125
SA166-20B	233612	HASL-300	SO	U-238	1.97	pCi/g		J-	m	73.3		75	125
SA166-31B	233612	HASL-300	SO	U-238	1.62	pCi/g		J-	m	73.3		75	125
SA55-10B	233612	HASL-300	SO	U-238	0.992	pCi/g		J-	m	73.3		75	125
SA55-25B	233612	HASL-300	SO	U-238	4.40	pCi/g		J-	m	73.3		75	125
SA55-35B	233612	HASL-300	SO	U-238	2.64	pCi/g		J-	m	73.3		75	125
SA56-10B	233612	HASL-300	SO	U-238	0.924	pCi/g		J-	m	73.3		75	125
SA56-25B	233612	HASL-300	SO	U-238	2.19	pCi/g		J-	m	73.3		75	125
SA56-37B	233612	HASL-300	SO	U-238	1.72	pCi/g		J-	m	73.3		75	125
SA75-0.5B	233612	HASL-300	SO	U-238	0.735	pCi/g		J-	m	73.3		75	125
SA75-10B	233612	HASL-300	SO	U-238	1.45	pCi/g		J-	m	73.3		75	125
SA75-28B	233612	HASL-300	SO	U-238	2.43	pCi/g		J-	m	73.3		75	125
SA76-10B	233612	HASL-300	SO	U-238	1.49	pCi/g		J-	m	73.3		75	125
SA76-20B	233612	HASL-300	SO	U-238	1.99	pCi/g		J-	m	73.3		75	125
RSA12-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
RSA12-0.5B	R0903051	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	65.4		75	125
RSAI3-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
RSAI3-0.5B	R0903051	SW6020	SO	Tungsten	0.18	mg/kg	N	J-	m	65.4		75	125
RSAJ2-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
RSAJ2-0.5B	R0903051	SW6020	SO	Tungsten	1.3	mg/kg	N	J-	m	65.4		75	125
RSAJ3-0.5B	R0903051	SW6010	SO	Antimony	0.8	mg/kg	B,N	J-	sp,m	59.2		75	125
RSAJ3-0.5B	R0903051	SW6020	SO	Tungsten	0.93	mg/kg	N	J-	m	65.4		75	125
RSAJ5-0.5B	R0903051	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	59.2		75	125
RSAJ5-0.5B	R0903051	SW6020	SO	Tungsten	0.79	mg/kg	N	J-	m	65.4		75	125
RSAK5-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
RSAK5-0.5B	R0903051	SW6020	SO	Tungsten	0.45	mg/kg	N	J-	m	65.4		75	125
RSAL3-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
RSAL3-0.5B	R0903051	SW6020	SO	Tungsten	0.92	mg/kg	N	J-	m	65.4		75	125
RSAM2-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
RSAM2-0.5B	R0903051	SW6020	SO	Tungsten	0.14	mg/kg	N	J-	m	65.4		75	125
RSAM3-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
RSAM3-0.5B	R0903051	SW6020	SO	Tungsten	0.15	mg/kg	N	J-	m	65.4		75	125
SA100-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA100-0.5B	R0903051	SW6020	SO	Tungsten	0.17	mg/kg	N	J-	m	65.4		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA152-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA152-0.5B	R0903051	SW6020	SO	Tungsten	0.13	mg/kg	N	J-	m	65.4		75	125
SA152009-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA152009-0.5B	R0903051	SW6020	SO	Tungsten	0.11	mg/kg	N	J-	m	65.4		75	125
SA189-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA189-0.5B	R0903051	SW6020	SO	Tungsten	0.22	mg/kg	N	J-	m	65.4		75	125
SA202-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA202-0.5B	R0903051	SW6020	SO	Tungsten	0.2	mg/kg	N	J-	m	65.4		75	125
SA76-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA76-0.5B	R0903051	SW6020	SO	Tungsten	1.3	mg/kg	N	J-	m	65.4		75	125
SA76009-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA76009-0.5B	R0903051	SW6020	SO	Tungsten	1	mg/kg	N	J-	m	65.4		75	125
SA88-0.5B	R0903051	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	59.2		75	125
SA88-0.5B	R0903051	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	65.4		75	125
RSAJ6-0.5B	R0903184	SM 5540C	SO	MBAS	2.5	mg/kg		J	bf,m	48		75	125
RSAJ6-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RSAJ6-0.5B	R0903184	SW6020	SO	Tungsten	0.78	mg/kg	N	J-	m	50.5		75	125
RS AK4-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
RS AK4-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RS AK4-0.5B	R0903184	SW6020	SO	Tungsten	0.19	mg/kg	N	J-	m	50.5		75	125
RS AK4009-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
RS AK4009-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RS AK4009-0.5B	R0903184	SW6020	SO	Tungsten	0.23	mg/kg	N	J-	m	50.5		75	125
RS AK6-0.5B	R0903184	SM 5540C	SO	MBAS	0.8	mg/kg	J	U	bf,m	48		75	125
RS AK6-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RS AK6-0.5B	R0903184	SW6020	SO	Tungsten	0.15	mg/kg	N	J-	m	50.5		75	125
RS AK8-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
RS AK8-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RS AK8-0.5B	R0903184	SW6020	SO	Tungsten	0.65	mg/kg	N	J-	m	50.5		75	125
RS AL7-0.5B	R0903184	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	bf,m	48		75	125
RS AL7-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RS AL7-0.5B	R0903184	SW6020	SO	Tungsten	0.14	mg/kg	N	J-	m	50.5		75	125
RS AL8-0.5B	R0903184	SM 5540C	SO	MBAS	1.1	mg/kg	J	UJ	bf,m	48		75	125
RS AL8-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RS AL8-0.5B	R0903184	SW6020	SO	Tungsten	0.16	mg/kg	N	J-	m	50.5		75	125
RS AO3-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
RS AO3-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
RS AO3-0.5B	R0903184	SW6020	SO	Tungsten	0.13	mg/kg	N	J-	m	50.5		75	125
SA127-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
SA127-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA127-0.5B	R0903184	SW6020	SO	Tungsten	0.19	mg/kg	N	J-	m	50.5		75	125
SA134-0.5B	R0903184	SM 5540C	SO	MBAS	0.25	mg/kg		J	bf,m	48		75	125
SA134-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
SA134-0.5B	R0903184	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	50.5		75	125
SA166-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
SA166-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
SA166-0.5B	R0903184	SW6020	SO	Tungsten	0.18	mg/kg	N	J-	m	50.5		75	125
SA176-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
SA176-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
SA176-0.5B	R0903184	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	50.5		75	125
SA182-0.5B	R0903184	SM 5540C	SO	MBAS	0.7	mg/kg	U	UJ	m	48		75	125
SA182-0.5B	R0903184	SW 846 8081	SO	Endrin Aldehyde	2100	ug/kg	U	R	m,l,ld	0	0	18	135
SA182-0.5B	R0903184	SW6010	SO	Antimony	0.6	mg/kg	B,N	J-	sp,m	44.4		75	125
SA182-0.5B	R0903184	SW6020	SO	Tungsten	3	mg/kg	N	J-	m	50.5		75	125
SA201-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
SA201-0.5B	R0903184	SW6010	SO	Antimony	0.6	mg/kg	B,N	J-	sp,m	44.4		75	125
SA201-0.5B	R0903184	SW6020	SO	Tungsten	2.4	mg/kg	N	J-	m	50.5		75	125
SA35-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
SA35-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
SA35-0.5B	R0903184	SW6020	SO	Tungsten	0.18	mg/kg	N	J-	m	50.5		75	125
SA55-0.5B	R0903184	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48		75	125
SA55-0.5B	R0903184	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	44.4		75	125
SA55-0.5B	R0903184	SW6020	SO	Tungsten	0.13	mg/kg	N	J-	m	50.5		75	125
SA56-0.5B	R0903184	SM 5540C	SO	MBAS	2.5	mg/kg		J	bf,m	48		75	125
SA56-0.5B	R0903184	SW6010	SO	Antimony	24.9	mg/kg	N	J-	m	44.4		75	125
SA56-0.5B	R0903184	SW6020	SO	Tungsten	48.4	mg/kg	N	J-	m	50.5		75	125
SA85-0.5B	R0903340	SM 2320B	SO	Alkalinity (as CaCO3)	273	mg/kg		J-	m	39		75	125
SA85-0.5B	R0903340	SW 846 9056	SO	Chloride	623	mg/kg		J	bf,m,ld	74		75	125
SA85-0.5B	R0903340	SW 846 9056	SO	Nitrate (as N)	57.4	mg/kg		J	bf,m,ld	180		75	125
RSAI2009-10B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAI2009-10B	R0903584	SW6020	SO	Tungsten	0.19	mg/kg	N	J-	m	50.1		75	125
RSAI2-10B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAI2-10B	R0903584	SW6020	SO	Tungsten	0.22	mg/kg	N	J-	m	50.1		75	125
RSAI2-20B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAI2-20B	R0903584	SW6020	SO	Tungsten	0.24	mg/kg	N	J-	m	50.1		75	125
RSAI2-31B	R0903584	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	38.5		75	125
RSAI2-31B	R0903584	SW6020	SO	Tungsten	0.087	mg/kg	B,N	UJ	bl,bf,m	50.1		75	125
RSAI3-10B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAI3-10B	R0903584	SW6020	SO	Tungsten	0.26	mg/kg	N	J-	m	50.1		75	125
RSAI3-20B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAI3-20B	R0903584	SW6020	SO	Tungsten	0.34	mg/kg	N	J-	m	50.1		75	125
RSAI3-32B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAI3-32B	R0903584	SW6020	SO	Tungsten	0.26	mg/kg	N	J-	m	50.1		75	125
RSAJ2-10B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAJ2-10B	R0903584	SW6020	SO	Tungsten	0.15	mg/kg	N	J-	m	50.1		75	125
RSAJ2-20B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAJ2-20B	R0903584	SW6020	SO	Tungsten	0.31	mg/kg	N	J-	m	50.1		75	125
RSAJ2-33B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
RSAJ2-33B	R0903584	SW6020	SO	Tungsten	0.37	mg/kg	N	J-	m	50.1		75	125
SA202-10B	R0903584	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	38.5		75	125
SA202-10B	R0903584	SW6020	SO	Tungsten	0.24	mg/kg	N	J-	m	50.1		75	125
SA202-28B	R0903584	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	38.5		75	125
SA202-28B	R0903584	SW6020	SO	Tungsten	0.32	mg/kg	N	J-	m	50.1		75	125
SA82-0.5B	R0903678	EPA 300.1M	SO	Chlorate	1150	ug/kg		J+	m		128	75	125
SA82-0.5B	R0903678	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	bf,m	64		75	125
RSAK4-10B	R0903729	SM 5540C	SO	MBAS	0.9	mg/kg	BJ	UJ	bf,m	63		75	125
RSAK4-10B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
RSAK4-10B	R0903729	SW6020	SO	Beryllium	0.594	mg/kg	N	J+	m	126.7		75	125
RSAK4-10B	R0903729	SW6020	SO	Tungsten	0.38	mg/kg	N	J-	m	62.6		75	125
RSAK4-10B	R0903729	SW6020	SO	Uranium	1.32	mg/kg	N	J+	m	126.6		75	125
RSAK4-20B	R0903729	SM 5540C	SO	MBAS	1.1	mg/kg	BJ	UJ	bf,m	63		75	125
RSAK4-20B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
RSAK4-20B	R0903729	SW6020	SO	Beryllium	0.314	mg/kg	N	J+	m	126.7		75	125
RSAK4-20B	R0903729	SW6020	SO	Tungsten	0.4	mg/kg	N	J-	m	62.6		75	125
RSAK4-20B	R0903729	SW6020	SO	Uranium	1.65	mg/kg	N	J+	m	126.6		75	125
RSAK4-31B	R0903729	SM 5540C	SO	MBAS	0.8	mg/kg	U	UJ	m	63		75	125
RSAK4-31B	R0903729	SW6010	SO	Antimony	0.6	mg/kg	U,N	R	m	27.9		75	125
RSAK4-31B	R0903729	SW6020	SO	Beryllium	1.04	mg/kg	N	J+	m	126.7		75	125
RSAK4-31B	R0903729	SW6020	SO	Tungsten	0.4	mg/kg	N	J-	m	62.6		75	125
RSAK4-31B	R0903729	SW6020	SO	Uranium	4	mg/kg	N	J+	m	126.6		75	125
RSAL4-0.5B	R0903729	SM 5540C	SO	MBAS	1.3	mg/kg	BJ	UJ	bf,m	63		75	125
RSAL4-0.5B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
RSAL4-0.5B	R0903729	SW6020	SO	Beryllium	0.493	mg/kg	N	J+	m	126.7		75	125
RSAL4-0.5B	R0903729	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	62.6		75	125
RSAL4-0.5B	R0903729	SW6020	SO	Uranium	0.71	mg/kg	N	J+	m	126.6		75	125
RSAL4009-0.5B	R0903729	SM 5540C	SO	MBAS	1.2	mg/kg	BJ	UJ	bf,m	63		75	125
RSAL4009-0.5B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
RSAL4009-0.5B	R0903729	SW6020	SO	Beryllium	0.545	mg/kg	N	J+	m	126.7		75	125
RSAL4009-0.5B	R0903729	SW6020	SO	Tungsten	0.32	mg/kg	N	J-	m	62.6		75	125
RSAL4009-0.5B	R0903729	SW6020	SO	Uranium	0.774	mg/kg	N	J+	m	126.6		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAL4-10B	R0903729	SM 5540C	SO	MBAS	1.5	mg/kg	BJ	UJ	bf,m	63		75	125
RSAL4-10B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
RSAL4-10B	R0903729	SW6020	SO	Beryllium	0.444	mg/kg	N	J+	m	126.7		75	125
RSAL4-10B	R0903729	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	62.6		75	125
RSAL4-10B	R0903729	SW6020	SO	Uranium	2.71	mg/kg	N	J+	m	126.6		75	125
RSAL4-28B	R0903729	SM 5540C	SO	MBAS	1.5	mg/kg	BJ	UJ	bf,m	63		75	125
RSAL4-28B	R0903729	SW6010	SO	Antimony	0.8	mg/kg	U,N	R	m	27.9		75	125
RSAL4-28B	R0903729	SW6020	SO	Beryllium	1.31	mg/kg	N	J+	m	126.7		75	125
RSAL4-28B	R0903729	SW6020	SO	Tungsten	0.43	mg/kg	N	J-	m	62.6		75	125
RSAL4-28B	R0903729	SW6020	SO	Uranium	6.55	mg/kg	N	J+	m	126.6		75	125
SA100-10B	R0903729	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	bf,m	63		75	125
SA100-10B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
SA100-10B	R0903729	SW6020	SO	Beryllium	0.545	mg/kg	N	J+	m	126.7		75	125
SA100-10B	R0903729	SW6020	SO	Tungsten	0.3	mg/kg	N	J-	m	62.6		75	125
SA100-10B	R0903729	SW6020	SO	Uranium	1.38	mg/kg	N	J+	m	126.6		75	125
SA100-30B	R0903729	SM 5540C	SO	MBAS	1.2	mg/kg	BJ	UJ	bf,m	63		75	125
SA100-30B	R0903729	SW6010	SO	Antimony	0.6	mg/kg	U,N	R	m	27.9		75	125
SA100-30B	R0903729	SW6020	SO	Beryllium	0.881	mg/kg	N	J+	m	126.7		75	125
SA100-30B	R0903729	SW6020	SO	Tungsten	0.32	mg/kg	N	J-	m	62.6		75	125
SA100-30B	R0903729	SW6020	SO	Uranium	3.41	mg/kg	N	J+	m	126.6		75	125
SA206-0.5B	R0903729	SM 5540C	SO	MBAS	1.9	mg/kg	BJ	UJ	bl,bf,m	63		75	125
SA206-0.5B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
SA206-0.5B	R0903729	SW6020	SO	Beryllium	0.473	mg/kg	N	J+	m	126.7		75	125
SA206-0.5B	R0903729	SW6020	SO	Tungsten	0.31	mg/kg	N	J-	m	62.6		75	125
SA206-0.5B	R0903729	SW6020	SO	Uranium	0.974	mg/kg	N	J+	m	126.6		75	125
SA206-10B	R0903729	SM 5540C	SO	MBAS	1.6	mg/kg	BJ	UJ	bl,bf,m	63		75	125
SA206-10B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
SA206-10B	R0903729	SW6020	SO	Beryllium	0.463	mg/kg	N	J+	m	126.7		75	125
SA206-10B	R0903729	SW6020	SO	Tungsten	0.36	mg/kg	N	J-	m	62.6		75	125
SA206-10B	R0903729	SW6020	SO	Uranium	8.77	mg/kg	N	J+	m	126.6		75	125
SA206-25B	R0903729	SM 5540C	SO	MBAS	2.0	mg/kg	BJ	UJ	bl,bf,m	63		75	125
SA206-25B	R0903729	SW6010	SO	Antimony	0.8	mg/kg	U,N	R	m	27.9		75	125
SA206-25B	R0903729	SW6020	SO	Beryllium	0.801	mg/kg	N	J+	m	126.7		75	125
SA206-25B	R0903729	SW6020	SO	Tungsten	0.51	mg/kg	N	J-	m	62.6		75	125
SA206-25B	R0903729	SW6020	SO	Uranium	7.63	mg/kg	N	J+	m	126.6		75	125
SA206-30B	R0903729	SM 5540C	SO	MBAS	2.3	mg/kg	BJ	UJ	bf,m	63		75	125
SA206-30B	R0903729	SW6010	SO	Antimony	0.7	mg/kg	U,N	R	m	27.9		75	125
SA206-30B	R0903729	SW6020	SO	Beryllium	1.27	mg/kg	N	J+	m	126.7		75	125
SA206-30B	R0903729	SW6020	SO	Tungsten	0.46	mg/kg	N	J-	m	62.6		75	125
SA206-30B	R0903729	SW6020	SO	Uranium	4.56	mg/kg	N	J+	m	126.6		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA69-0.5B	R0903729	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	bf,m	63		75	125
SA69-0.5B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
SA69-0.5B	R0903729	SW6020	SO	Beryllium	0.595	mg/kg	N	J+	m	126.7		75	125
SA69-0.5B	R0903729	SW6020	SO	Tungsten	0.33	mg/kg	N	J-	m	62.6		75	125
SA69-0.5B	R0903729	SW6020	SO	Uranium	0.86	mg/kg	N	J+	m	126.6		75	125
SA69-10B	R0903729	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	bf,m	63		75	125
SA69-10B	R0903729	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m	27.9		75	125
SA69-10B	R0903729	SW6020	SO	Beryllium	0.542	mg/kg	N	J+	m	126.7		75	125
SA69-10B	R0903729	SW6020	SO	Tungsten	0.36	mg/kg	N	J-	m	62.6		75	125
SA69-10B	R0903729	SW6020	SO	Uranium	2.43	mg/kg	N	J+	m	126.6		75	125
SA69-29B	R0903729	SM 5540C	SO	MBAS	1.5	mg/kg	J	UJ	bf,m	63		75	125
SA69-29B	R0903729	SW6010	SO	Antimony	0.6	mg/kg	U,N	R	m	27.9		75	125
SA69-29B	R0903729	SW6020	SO	Beryllium	0.824	mg/kg	N	J+	m	126.7		75	125
SA69-29B	R0903729	SW6020	SO	Tungsten	0.36	mg/kg	N	J-	m	62.6		75	125
SA69-29B	R0903729	SW6020	SO	Uranium	4.22	mg/kg	N	J+	m	126.6		75	125
RSAM4-0.5B	R0903820	SM 5540C	SO	MBAS	1.9	mg/kg	J	UJ	bf,m	15		75	125
RSAM4-0.5B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAM4-0.5B	R0903820	SW6010	SO	Titanium	770	mg/kg	N	J	m,ld	125.6		75	125
RSAM4-0.5B	R0903820	SW6020	SO	Tungsten	0.41	mg/kg	N	J-	m	70.6		75	125
RSAM4-10B	R0903820	SM 5540C	SO	MBAS	1.4	mg/kg	J	UJ	bf,m	15		75	125
RSAM4-10B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAM4-10B	R0903820	SW6010	SO	Titanium	735	mg/kg	N	J	m,ld	125.6		75	125
RSAM4-10B	R0903820	SW6020	SO	Tungsten	0.3	mg/kg	N	J-	m	70.6		75	125
RSAM4-30B	R0903820	SM 5540C	SO	MBAS	0.8	mg/kg	U	R	m	15		75	125
RSAM4-30B	R0903820	SW6010	SO	Antimony	0.7	mg/kg	U,N	UJ	m	45.5		75	125
RSAM4-30B	R0903820	SW6010	SO	Titanium	528	mg/kg	N	J	m,ld	125.6		75	125
RSAM4-30B	R0903820	SW6020	SO	Tungsten	0.17	mg/kg	N	J-	m	70.6		75	125
RSAN3-0.5B	R0903820	SM 5540C	SO	MBAS	0.9	mg/kg	J	UJ	bf,m	15		75	125
RSAN3-0.5B	R0903820	SW6010	SO	Antimony	0.6	mg/kg	B,N	UJ	bl,be,m	45.5		75	125
RSAN3-0.5B	R0903820	SW6010	SO	Titanium	806	mg/kg	N	J	m,ld	125.6		75	125
RSAN3-0.5B	R0903820	SW6020	SO	Tungsten	0.35	mg/kg	N	J-	m	70.6		75	125
RSAN3009-20B	R0903820	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	bf,m	15		75	125
RSAN3009-20B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAN3009-20B	R0903820	SW6010	SO	Titanium	513	mg/kg	N	J	m,ld	125.6		75	125
RSAN3009-20B	R0903820	SW6020	SO	Tungsten	0.35	mg/kg	N	J-	m	70.6		75	125
RSAN3-10B	R0903820	SM 5540C	SO	MBAS	0.9	mg/kg	J	UJ	bf,m	15		75	125
RSAN3-10B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAN3-10B	R0903820	SW6010	SO	Titanium	767	mg/kg	N	J	m,ld	125.6		75	125
RSAN3-10B	R0903820	SW6020	SO	Tungsten	0.25	mg/kg	N	J-	m	70.6		75	125
RSAN3-20B	R0903820	SM 5540C	SO	MBAS	0.7	mg/kg	J	UJ	bf,m	15		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAN3-20B	R0903820	SW6010	SO	Antimony	0.6	mg/kg	B,N	UJ	bl,be,m	45.5		75	125
RSAN3-20B	R0903820	SW6010	SO	Titanium	694	mg/kg	N	J	m,ld	125.6		75	125
RSAN3-20B	R0903820	SW6020	SO	Tungsten	0.35	mg/kg	N	J-	m	70.6		75	125
RSAN3-32B	R0903820	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	bf,m	15		75	125
RSAN3-32B	R0903820	SW6010	SO	Antimony	0.7	mg/kg	U,N	UJ	m	45.5		75	125
RSAN3-32B	R0903820	SW6010	SO	Titanium	756	mg/kg	N	J	m,ld	125.6		75	125
RSAN3-32B	R0903820	SW6020	SO	Tungsten	0.23	mg/kg	N	J-	m	70.6		75	125
RSAN4-0.5B	R0903820	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	bf,m	15		75	125
RSAN4-0.5B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAN4-0.5B	R0903820	SW6010	SO	Titanium	750	mg/kg	N	J	m,ld	125.6		75	125
RSAN4-0.5B	R0903820	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	70.6		75	125
RSAN4009-10B	R0903820	SM 5540C	SO	MBAS	0.7	mg/kg	J	UJ	bf,m	15		75	125
RSAN4009-10B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAN4009-10B	R0903820	SW6010	SO	Titanium	847	mg/kg	N	J	m,ld	125.6		75	125
RSAN4009-10B	R0903820	SW6020	SO	Tungsten	0.23	mg/kg	N	J	fd,m	70.6		75	125
RSAN4-10B	R0903820	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	bf,m	15		75	125
RSAN4-10B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAN4-10B	R0903820	SW6010	SO	Titanium	757	mg/kg	N	J	m,ld	125.6		75	125
RSAN4-10B	R0903820	SW6020	SO	Tungsten	0.7	mg/kg	N	J	fd,m	70.6		75	125
RSAN4-20B	R0903820	SM 5540C	SO	MBAS	3.0	mg/kg		J	bf,m	15		75	125
RSAN4-20B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
RSAN4-20B	R0903820	SW6010	SO	Titanium	500	mg/kg	N	J	m,ld	125.6		75	125
RSAN4-20B	R0903820	SW6020	SO	Tungsten	0.33	mg/kg	N	J-	m	70.6		75	125
RSAN4-31B	R0903820	SM 5540C	SO	MBAS	0.8	mg/kg	J	UJ	bf,m	15		75	125
RSAN4-31B	R0903820	SW6010	SO	Antimony	0.8	mg/kg	U,N	UJ	m	45.5		75	125
RSAN4-31B	R0903820	SW6010	SO	Titanium	1010	mg/kg	N	J	m,ld	125.6		75	125
RSAN4-31B	R0903820	SW6020	SO	Tungsten	0.44	mg/kg	N	J-	m	70.6		75	125
SA85-10B	R0903820	SM 5540C	SO	MBAS	0.6	mg/kg	U	R	m	15		75	125
SA85-10B	R0903820	SW 846 8260B	SO	Acetone	45	ug/kg		J	l,m	1	2	50	150
SA85-10B	R0903820	SW6010	SO	Antimony	0.6	mg/kg	B,N	J-	m,sp	45.5		75	125
SA85-10B	R0903820	SW6010	SO	Titanium	725	mg/kg	N	J	m,ld	125.6		75	125
SA85-10B	R0903820	SW6020	SO	Tungsten	0.35	mg/kg	N	J-	m	70.6		75	125
SA85-20B	R0903820	SM 5540C	SO	MBAS	0.6	mg/kg	U	R	m	15		75	125
SA85-20B	R0903820	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	45.5		75	125
SA85-20B	R0903820	SW6010	SO	Titanium	704	mg/kg	N	J	m,ld	125.6		75	125
SA85-20B	R0903820	SW6020	SO	Tungsten	0.38	mg/kg	N	J-	m	70.6		75	125
SA85-33B	R0903820	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	bf,m	15		75	125
SA85-33B	R0903820	SW6010	SO	Antimony	0.7	mg/kg	U,N	UJ	m	45.5		75	125
SA85-33B	R0903820	SW6010	SO	Titanium	883	mg/kg	N	J	m,ld	125.6		75	125
SA85-33B	R0903820	SW6020	SO	Tungsten	0.36	mg/kg	N	J-	m	70.6		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSA03009-20B	R0903866	SM 5540C	SO	MBAS	1.4	mg/kg	J	UJ	bf,m	37		75	125
RSA03009-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.56	mg/kg		J	bf,m	66		75	125
RSA03009-20B	R0903866	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	46.2		75	125
RSA03009-20B	R0903866	SW6010	SO	Strontium	998	mg/kg	N*	J	m,ld	-1.6		75	125
RSA03009-20B	R0903866	SW6020	SO	Tungsten	0.61	mg/kg	N	J	m,fd	63.8		75	125
RSA03-10B	R0903866	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	37		75	125
RSA03-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.27	mg/kg		J	bf,m	66		75	125
RSA03-10B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
RSA03-10B	R0903866	SW6010	SO	Strontium	257	mg/kg	N*	J	m,ld	-1.6		75	125
RSA03-10B	R0903866	SW6020	SO	Tungsten	0.23	mg/kg	N	J-	m	63.8		75	125
RSA03-20B	R0903866	SM 5540C	SO	MBAS	1.7	mg/kg	J	UJ	bf,m	37		75	125
RSA03-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.34	mg/kg		J	bf,m	66		75	125
RSA03-20B	R0903866	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	46.2		75	125
RSA03-20B	R0903866	SW6010	SO	Strontium	1630	mg/kg	N*	J	m,ld	-1.6		75	125
RSA03-20B	R0903866	SW6020	SO	Tungsten	1.1	mg/kg	N	J	m,fd	63.8		75	125
RSAM2009-20B	R0903866	SM 5540C	SO	MBAS	1.5	mg/kg	J	UJ	be,bf,m	37		75	125
RSAM2009-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.58	mg/kg		J	be,bf,m	66		75	125
RSAM2009-20B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
RSAM2009-20B	R0903866	SW6010	SO	Strontium	412	mg/kg	N*	J	m,ld	-1.6		75	125
RSAM2009-20B	R0903866	SW6020	SO	Tungsten	0.39	mg/kg	N	J-	m	63.8		75	125
RSAM2-10B	R0903866	SM 5540C	SO	MBAS	1.4	mg/kg	J	UJ	be,bf,m	37		75	125
RSAM2-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.54	mg/kg		J	be,bf,m	66		75	125
RSAM2-10B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
RSAM2-10B	R0903866	SW6010	SO	Strontium	237	mg/kg	N*	J	m,ld	-1.6		75	125
RSAM2-10B	R0903866	SW6020	SO	Tungsten	0.19	mg/kg	N	J-	m	63.8		75	125
RSAM2-20B	R0903866	SM 5540C	SO	MBAS	1.9	mg/kg	J	UJ	be,bf,m	37		75	125
RSAM2-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.55	mg/kg		J	be,bf,m	66		75	125
RSAM2-20B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
RSAM2-20B	R0903866	SW6010	SO	Strontium	475	mg/kg	N*	J	m,ld	-1.6		75	125
RSAM2-20B	R0903866	SW6020	SO	Tungsten	0.38	mg/kg	N	J-	m	63.8		75	125
RSAM2-35B	R0903866	SM 5540C	SO	MBAS	2.0	mg/kg	J	UJ	be,bf,m	37		75	125
RSAM2-35B	R0903866	SW 846 9056	SO	Nitrate (as N)	2.05	mg/kg		J	be,bf,m	66		75	125
RSAM2-35B	R0903866	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	46.2		75	125
RSAM2-35B	R0903866	SW6010	SO	Strontium	119	mg/kg	N*	J	m,ld	-1.6		75	125
RSAM2-35B	R0903866	SW6020	SO	Tungsten	0.39	mg/kg	N	J-	m	63.8		75	125
RSAM3-10B	R0903866	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	37		75	125
RSAM3-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	12.9	mg/kg		J	bf,m	66		75	125
RSAM3-10B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
RSAM3-10B	R0903866	SW6010	SO	Strontium	304	mg/kg	N*	J	m,ld	-1.6		75	125
RSAM3-10B	R0903866	SW6020	SO	Tungsten	0.2	mg/kg	N	J-	m	63.8		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAM3-30B	R0903866	SM 5540C	SO	MBAS	3.2	mg/kg		J	bf,m	37		75	125
RSAM3-30B	R0903866	SW 846 9056	SO	Nitrate (as N)	2.26	mg/kg		J	bf,m	66		75	125
RSAM3-30B	R0903866	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	46.2		75	125
RSAM3-30B	R0903866	SW6010	SO	Strontium	161	mg/kg	N*	J	m,ld	-1.6		75	125
RSAM3-30B	R0903866	SW6020	SO	Tungsten	0.39	mg/kg	N	J-	m	63.8		75	125
SA176009-37B	R0903866	SM 5540C	SO	MBAS	0.8	mg/kg	U	UJ	m	37		75	125
SA176009-37B	R0903866	SW 846 9056	SO	Nitrate (as N)	5.88	mg/kg		J	bf,m	66		75	125
SA176009-37B	R0903866	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	46.2		75	125
SA176009-37B	R0903866	SW6010	SO	Strontium	153	mg/kg	N*	J	m,ld	-1.6		75	125
SA176009-37B	R0903866	SW6020	SO	Tungsten	0.38	mg/kg	N	J-	m	63.8		75	125
SA176-10B	R0903866	SM 5540C	SO	MBAS	1.2	mg/kg	J	J	bf,m	37		75	125
SA176-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	15.5	mg/kg		J	bf,m	66		75	125
SA176-10B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
SA176-10B	R0903866	SW6010	SO	Strontium	196	mg/kg	N*	J	m,ld	-1.6		75	125
SA176-10B	R0903866	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	63.8		75	125
SA176-25B	R0903866	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	37		75	125
SA176-25B	R0903866	SW 846 9056	SO	Nitrate (as N)	11.6	mg/kg		J	bf,m	66		75	125
SA176-25B	R0903866	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	46.2		75	125
SA176-25B	R0903866	SW6010	SO	Strontium	621	mg/kg	N*	J	m,ld	-1.6		75	125
SA176-25B	R0903866	SW6020	SO	Tungsten	0.34	mg/kg	N	J-	m	63.8		75	125
SA176-37B	R0903866	SM 5540C	SO	MBAS	0.8	mg/kg	U	UJ	m	37		75	125
SA176-37B	R0903866	SW 846 9056	SO	Nitrate (as N)	5.88	mg/kg		J	bf,m	66		75	125
SA176-37B	R0903866	SW6010	SO	Antimony	0.7	mg/kg	U,N	UJ	m	46.2		75	125
SA176-37B	R0903866	SW6010	SO	Strontium	157	mg/kg	N*	J	m,ld	-1.6		75	125
SA176-37B	R0903866	SW6020	SO	Tungsten	0.42	mg/kg	N	J-	m	63.8		75	125
SA35009-32B	R0903866	SM 5540C	SO	MBAS	0.8	mg/kg	J	UJ	be,bf,m	37		75	125
SA35009-32B	R0903866	SW 846 9056	SO	Nitrate (as N)	6.71	mg/kg		J	be,bf,m	66		75	125
SA35009-32B	R0903866	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	46.2		75	125
SA35009-32B	R0903866	SW6010	SO	Strontium	451	mg/kg	N*	J	m,ld	-1.6		75	125
SA35009-32B	R0903866	SW6020	SO	Tungsten	0.37	mg/kg	N	J-	m	63.8		75	125
SA35-10B	R0903866	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	be,bf,m	37		75	125
SA35-10B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.54	mg/kg		J	be,bf,m	66		75	125
SA35-10B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
SA35-10B	R0903866	SW6010	SO	Strontium	220	mg/kg	N*	J	m,ld	-1.6		75	125
SA35-10B	R0903866	SW6020	SO	Tungsten	0.22	mg/kg	N	J-	m	63.8		75	125
SA35-20B	R0903866	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	be,bf,m	37		75	125
SA35-20B	R0903866	SW 846 9056	SO	Nitrate (as N)	1.36	mg/kg		J	be,bf,m	66		75	125
SA35-20B	R0903866	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	46.2		75	125
SA35-20B	R0903866	SW6010	SO	Strontium	792	mg/kg	N*	J	m,ld	-1.6		75	125
SA35-20B	R0903866	SW6020	SO	Tungsten	0.41	mg/kg	N	J-	m	63.8		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA35-32B	R0903866	SM 5540C	SO	MBAS	1.7	mg/kg	J	UJ	be,bf,m	37		75	125
SA35-32B	R0903866	SW 846 9056	SO	Nitrate (as N)	5.78	mg/kg		J	be,bf,m	66		75	125
SA35-32B	R0903866	SW6010	SO	Antimony	0.8	mg/kg	U,N	UJ	m	46.2		75	125
SA35-32B	R0903866	SW6010	SO	Strontium	473	mg/kg	N*	J	m,ld	-1.6		75	125
SA35-32B	R0903866	SW6020	SO	Tungsten	0.4	mg/kg	N	J-	m	63.8		75	125
SA55-25B	R0903866	SM 5540C	SO	MBAS	0.7	mg/kg	U	UJ	m	37		75	125
SA55-25B	R0903866	SW 846 9056	SO	Nitrate (as N)	23.6	mg/kg		J	bf,m	66		75	125
SA55-25B	R0903866	SW6010	SO	Antimony	0.8	mg/kg	B,N	UJ	bl,m	46.2		75	125
SA55-25B	R0903866	SW6010	SO	Strontium	978	mg/kg	N*	J	m,ld	-1.6		75	125
SA55-25B	R0903866	SW6020	SO	Tungsten	0.49	mg/kg	N	J-	m	63.8		75	125
SA55-35B	R0903866	SM 5540C	SO	MBAS	1.8	mg/kg	J	UJ	bf,m	37		75	125
SA55-35B	R0903866	SW 846 9056	SO	Nitrate (as N)	4.26	mg/kg		J	bf,m	66		75	125
SA55-35B	R0903866	SW6010	SO	Antimony	0.8	mg/kg	U,N	UJ	m	46.2		75	125
SA55-35B	R0903866	SW6010	SO	Strontium	112	mg/kg	N*	J	m,ld	-1.6		75	125
SA55-35B	R0903866	SW6020	SO	Tungsten	0.31	mg/kg	N	J-	m	63.8		75	125
RSA03009-20B	R0903970	SM 5540C	SO	MBAS	0.7	mg/kg	U	UJ	m	48-51		75	125
RSA03009-20B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.7		75	125
RSA03009-20B	R0903970	SW6010	SO	Zinc	35.2	mg/kg	N	J+	m	500.7		75	125
RSA03009-20B	R0903970	SW6020	SO	Tungsten	0.2	mg/kg	B,N	UJ	bl,be,bf,m	54.3		75	125
RSA03-10B	R0903970	SM 5540C	SO	MBAS	1.4	mg/kg	J	UJ	be,bf,m	48-51		75	125
RSA03-10B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.7		75	125
RSA03-10B	R0903970	SW6010	SO	Zinc	29.6	mg/kg	N	J+	m	500.7		75	125
RSA03-10B	R0903970	SW6020	SO	Tungsten	0.11	mg/kg	B,N	UJ	bl,be,bf,m	54.3		75	125
RSA03-20B	R0903970	SM 5540C	SO	MBAS	1.6	mg/kg	J	UJ	be,bf,m	48-51		75	125
RSA03-20B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.7		75	125
RSA03-20B	R0903970	SW6010	SO	Zinc	34.8	mg/kg	N	J+	m	500.7		75	125
RSA03-20B	R0903970	SW6020	SO	Tungsten	0.2	mg/kg	B,N	UJ	bl,be,bf,m	54.3		75	125
RSA03-31B	R0903970	SM 5540C	SO	MBAS	14.4	mg/kg		J	bf,m	48-51		75	125
RSA03-31B	R0903970	SW6010	SO	Antimony	0.8	mg/kg	U,N	UJ	m	57.7		75	125
RSA03-31B	R0903970	SW6010	SO	Zinc	54.5	mg/kg	N	J+	m	500.7		75	125
RSA03-31B	R0903970	SW6020	SO	Tungsten	0.3	mg/kg	N	J-	m	54.3		75	125
RSAJ5009-19B	R0903970	SM 5540C	SO	MBAS	1.1	mg/kg	J	UJ	be,bf,m	48-51		75	125
RSAJ5009-19B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.7		75	125
RSAJ5009-19B	R0903970	SW6010	SO	Zinc	23.2	mg/kg	N	J+	m	500.7		75	125
RSAJ5009-19B	R0903970	SW6020	SO	Tungsten	0.29	mg/kg	N	J-	m	54.3		75	125
RSAJ5-10B	R0903970	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	bf,m	48-51		75	125
RSAJ5-10B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
RSAJ5-10B	R0903970	SW6010	SO	Zinc	29.8	mg/kg	N	J+	m	500.7		75	125
RSAJ5-10B	R0903970	SW6020	SO	Tungsten	0.1	mg/kg	B,N	UJ	bl,be,bf,m	54.3		75	125
RSAJ5-19B	R0903970	SM 5540C	SO	MBAS	0.9	mg/kg	J	UJ	be,bf,m	48-51		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAJ5-19B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.7		75	125
RSAJ5-19B	R0903970	SW6010	SO	Zinc	23.8	mg/kg	N	J+	m	500.7		75	125
RSAJ5-19B	R0903970	SW6020	SO	Tungsten	0.32	mg/kg	N	J-	m	54.3		75	125
RS AK5-10B	R0903970	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48-51		75	125
RS AK5-10B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
RS AK5-10B	R0903970	SW6010	SO	Zinc	28	mg/kg	N	J+	m	500.7		75	125
RS AK5-10B	R0903970	SW6020	SO	Tungsten	0.14	mg/kg	N	J-	m	54.3		75	125
RS AK5-22B	R0903970	SM 5540C	SO	MBAS	1	mg/kg	J	UJ	bf,m	48-51		75	125
RS AK5-22B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.7		75	125
RS AK5-22B	R0903970	SW6010	SO	Zinc	19.6	mg/kg	N	J+	m	500.7		75	125
RS AK5-22B	R0903970	SW6020	SO	Tungsten	0.49	mg/kg	N	J-	m	54.3		75	125
RSAL5-0.5B	R0903970	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	bf,m	48-51		75	125
RSAL5-0.5B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
RSAL5-0.5B	R0903970	SW6010	SO	Cadmium	0.9	mg/kg	N*	J	m,ld	125.5		75	125
RSAL5-0.5B	R0903970	SW6010	SO	Zinc	269	mg/kg	N	J+	m	500.7		75	125
RSAL5-0.5B	R0903970	SW6020	SO	Tungsten	0.2	mg/kg	N	J-	m	54.3		75	125
RSAL5-10B	R0903970	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	bf,m	48-51		75	125
RSAL5-10B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
RSAL5-10B	R0903970	SW6010	SO	Cadmium	0.15	mg/kg	N*	J	m,ld	125.5		75	125
RSAL5-10B	R0903970	SW6010	SO	Zinc	76.9	mg/kg	N	J+	m	500.7		75	125
RSAL5-10B	R0903970	SW6020	SO	Tungsten	0.31	mg/kg	N	J-	m	54.3		75	125
RSAL5-30B	R0903970	SM 5540C	SO	MBAS	1.7	mg/kg	J	UJ	bf,m	48-51		75	125
RSAL5-30B	R0903970	SW6010	SO	Antimony	0.7	mg/kg	U,N	UJ	m	57.7		75	125
RSAL5-30B	R0903970	SW6010	SO	Cadmium	0.05	mg/kg	B,N*	J	m,ld,sp	125.5		75	125
RSAL5-30B	R0903970	SW6010	SO	Zinc	35.1	mg/kg	N	J+	m	500.7		75	125
RSAL5-30B	R0903970	SW6020	SO	Tungsten	0.2	mg/kg	N	J-	m	54.3		75	125
SA189-10B	R0903970	SM 5540C	SO	MBAS	2.3	mg/kg		J	be,bf,m	48-51		75	125
SA189-10B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
SA189-10B	R0903970	SW6010	SO	Zinc	18.6	mg/kg	N	J+	m	500.7		75	125
SA189-10B	R0903970	SW6020	SO	Tungsten	0.14	mg/kg	N	J-	m	54.3		75	125
SA189-29B	R0903970	SM 5540C	SO	MBAS	2.2	mg/kg	J	UJ	be,bf,m	48-51		75	125
SA189-29B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.1		75	125
SA189-29B	R0903970	SW6010	SO	Manganese	404	mg/kg	N	J	m,ld	181.8		75	125
SA189-29B	R0903970	SW6020	SO	Tungsten	0.18	mg/kg	N	J-	m	56.4		75	125
SA55-10B	R0903970	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	be,bf,m	48-51		75	125
SA55-10B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
SA55-10B	R0903970	SW6010	SO	Zinc	36.3	mg/kg	N	J+	m	500.7		75	125
SA55-10B	R0903970	SW6020	SO	Tungsten	0.2	mg/kg	N	J-	m	54.3		75	125
SA55-25B	R0903970	SM 5540C	SO	MBAS	0.7	mg/kg	U	UJ	m	48-51		75	125
SA55-25B	R0903970	SW 846 9056	SO	Sulfate	13600	mg/kg		J+	m	126		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA55-25B	R0903970	SW6010	SO	Antimony	0.7	mg/kg	U,N	UJ	m	57.7		75	125
SA55-25B	R0903970	SW6010	SO	Zinc	36.5	mg/kg	N	J+	m	500.7		75	125
SA55-25B	R0903970	SW6020	SO	Tungsten	0.56	mg/kg	N	J-	m	54.3		75	125
SA55-35B	R0903970	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	be,bf,m	48-51		75	125
SA55-35B	R0903970	SW6010	SO	Antimony	0.8	mg/kg	U,N	UJ	m	57.7		75	125
SA55-35B	R0903970	SW6010	SO	Zinc	42.6	mg/kg	N	J+	m	500.7		75	125
SA55-35B	R0903970	SW6020	SO	Tungsten	0.18	mg/kg	N	J-	m	54.3		75	125
SA74-0.5B	R0903970	SM 5540C	SO	MBAS	0.9	mg/kg	J	UJ	bf,m	48-51		75	125
SA74-0.5B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
SA74-0.5B	R0903970	SW6010	SO	Zinc	29.5	mg/kg	N	J+	m	500.7		75	125
SA74-0.5B	R0903970	SW6020	SO	Tungsten	0.17	mg/kg	N	J-	m	54.3		75	125
SA74009-0.5B	R0903970	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	48-51		75	125
SA74009-0.5B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
SA74009-0.5B	R0903970	SW6010	SO	Zinc	35.4	mg/kg	N	J+	m	500.7		75	125
SA74009-0.5B	R0903970	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	54.3		75	125
SA74-10B	R0903970	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	bf,m	48-51		75	125
SA74-10B	R0903970	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.7		75	125
SA74-10B	R0903970	SW6010	SO	Zinc	26.3	mg/kg	N	J+	m	500.7		75	125
SA74-10B	R0903970	SW6020	SO	Tungsten	0.13	mg/kg	N	J-	m	54.3		75	125
SA74-29B	R0903970	SM 5540C	SO	MBAS	2.9	mg/kg		J	bf,m	48-51		75	125
SA74-29B	R0903970	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.7		75	125
SA74-29B	R0903970	SW6010	SO	Zinc	25.2	mg/kg	N	J+	m	500.7		75	125
SA74-29B	R0903970	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	54.3		75	125
RSAJ6-10B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
RSAJ6-10B	R0904016	SW6010	SO	Manganese	226	mg/kg	N	J+	m	131.5		75	125
RSAJ6-10B	R0904016	SW6020	SO	Tungsten	0.23	mg/kg	N	J-	m	54.7		75	125
RSAJ6-19B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
RSAJ6-19B	R0904016	SW6010	SO	Manganese	149	mg/kg	N	J+	m	131.5		75	125
RSAJ6-19B	R0904016	SW6020	SO	Tungsten	0.38	mg/kg	N	J-	m	54.7		75	125
RSAK6-10B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
RSAK6-10B	R0904016	SW6010	SO	Manganese	310	mg/kg	N	J+	m	131.5		75	125
RSAK6-10B	R0904016	SW6020	SO	Tungsten	0.33	mg/kg	N	J-	m	54.7		75	125
RSAK6-24B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
RSAK6-24B	R0904016	SW6010	SO	Manganese	137	mg/kg	N	J+	m	131.5		75	125
RSAK6-24B	R0904016	SW6020	SO	Tungsten	0.35	mg/kg	N	J-	m	54.7		75	125
RSAK8009-26B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
RSAK8009-26B	R0904016	SW6010	SO	Manganese	457	mg/kg	N	J+	m	131.5		75	125
RSAK8009-26B	R0904016	SW6020	SO	Tungsten	1.08	mg/kg	N	J-	m	54.7		75	125
RSAK8-10B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	B,N	J-	m,sp	47.2		75	125
RSAK8-10B	R0904016	SW6010	SO	Manganese	943	mg/kg	N	J+	m	131.5		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAK8-10B	R0904016	SW6020	SO	Tungsten	8.5	mg/kg	N	J-	m	54.7		75	125
RSAK8-26B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
RSAK8-26B	R0904016	SW6010	SO	Manganese	420	mg/kg	N	J+	m	131.5		75	125
RSAL8-10B	R0904016	SW6020	SO	Tungsten	0.76	mg/kg	N	J-	m	54.7		75	125
RSAL8-10B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
RSAL8-10B	R0904016	SW6010	SO	Manganese	315	mg/kg	N	J+	m	131.5		75	125
RSAL8-10B	R0904016	SW6020	SO	Tungsten	0.71	mg/kg	N	J-	m	54.7		75	125
RSAL8-28B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
RSAL8-28B	R0904016	SW6010	SO	Manganese	304	mg/kg	N	J+	m	131.5		75	125
RSAL8-28B	R0904016	SW6020	SO	Tungsten	0.42	mg/kg	N	J-	m	54.7		75	125
SA166-10B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA166-10B	R0904016	SW6010	SO	Manganese	538	mg/kg	N	J+	m	131.5		75	125
SA166-10B	R0904016	SW6020	SO	Tungsten	0.59	mg/kg	N	J-	m	54.7		75	125
SA166-20B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA166-20B	R0904016	SW6010	SO	Manganese	279	mg/kg	N	J+	m	131.5		75	125
SA166-20B	R0904016	SW6020	SO	Tungsten	0.24	mg/kg	N	J-	m	54.7		75	125
SA166-31B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
SA166-31B	R0904016	SW6010	SO	Manganese	450	mg/kg	N	J+	m	131.5		75	125
SA166-31B	R0904016	SW6020	SO	Tungsten	0.23	mg/kg	N	J-	m	54.7		75	125
SA56-10B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA56-10B	R0904016	SW6010	SO	Manganese	367	mg/kg	N	J+	m	131.5		75	125
SA56-10B	R0904016	SW6020	SO	Tungsten	0.34	mg/kg	N	J-	m	54.7		75	125
SA56-25B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA56-25B	R0904016	SW6010	SO	Manganese	1390	mg/kg	N	J+	m	131.5		75	125
SA56-25B	R0904016	SW6020	SO	Tungsten	0.74	mg/kg	N	J-	m	54.7		75	125
SA56-37B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
SA56-37B	R0904016	SW6010	SO	Manganese	303	mg/kg	N	J+	m	131.5		75	125
SA56-37B	R0904016	SW6020	SO	Tungsten	0.15	mg/kg	N	J-	m	54.7		75	125
SA75-0.5B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA75-0.5B	R0904016	SW6010	SO	Manganese	406	mg/kg	N	J+	m	131.5		75	125
SA75-0.5B	R0904016	SW6020	SO	Tungsten	0.16	mg/kg	N	J-	m	54.7		75	125
SA75-10B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA75-10B	R0904016	SW6010	SO	Manganese	413	mg/kg	N	J+	m	131.5		75	125
SA75-10B	R0904016	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	54.7		75	125
SA75-28B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA75-28B	R0904016	SW6010	SO	Manganese	251	mg/kg	N	J+	m	131.5		75	125
SA75-28B	R0904016	SW6020	SO	Tungsten	0.25	mg/kg	N	J-	m	54.7		75	125
SA76-10B	R0904016	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	47.2		75	125
SA76-10B	R0904016	SW6010	SO	Manganese	251	mg/kg	N	J+	m	131.5		75	125
SA76-10B	R0904016	SW6020	SO	Tungsten	0.14	mg/kg	N	J-	m	54.7		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA76-20B	R0904016	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	47.2		75	125
SA76-20B	R0904016	SW6010	SO	Manganese	141	mg/kg	N	J+	m	131.5		75	125
SA76-20B	R0904016	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	54.7		75	125
RSAH3-0.5B	R0904102	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	54		75	125
RSAH3-0.5B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAH3-0.5B	R0904102	SW6010	SO	Manganese	409	mg/kg		J	m,ld	182		75	125
RSAH3-0.5B	R0904102	SW6020	SO	Tungsten	0.43	mg/kg	N	J	m,fd	56.8		75	125
RSAH3009-0.5B	R0904102	SM 5540C	SO	MBAS	1.1	mg/kg	J	UJ	be,bf,m	54		75	125
RSAH3009-0.5B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAH3009-0.5B	R0904102	SW6010	SO	Manganese	368	mg/kg		J	m,ld	182		75	125
RSAH3009-0.5B	R0904102	SW6020	SO	Tungsten	0.13	mg/kg	N	J	m,fd	56.8		75	125
RSAH3-10B	R0904102	SM 5540C	SO	MBAS	0.9	mg/kg	J	UJ	be,bf,m	54		75	125
RSAH3-10B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAH3-10B	R0904102	SW6010	SO	Manganese	346	mg/kg		J	m,ld	182		75	125
RSAH3-10B	R0904102	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	56.8		75	125
RSAH3-20B	R0904102	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	be,bf,m	54		75	125
RSAH3-20B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAH3-20B	R0904102	SW6010	SO	Manganese	104	mg/kg		J	m,ld	182		75	125
RSAH3-20B	R0904102	SW6020	SO	Tungsten	0.27	mg/kg	N	J-	m	56.8		75	125
RSAH3-32B	R0904102	SM 5540C	SO	MBAS	1.6	mg/kg	J	UJ	be,bf,m	54		75	125
RSAH3-32B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAH3-32B	R0904102	SW6010	SO	Manganese	304	mg/kg		J	m,ld	182		75	125
RSAH3-32B	R0904102	SW6020	SO	Tungsten	0.18	mg/kg	N	J-	m	56.8		75	125
RSAI4-0.5B	R0904102	SM 5540C	SO	MBAS	1.1	mg/kg	J	UJ	be,bf,m	54		75	125
RSAI4-0.5B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAI4-0.5B	R0904102	SW6010	SO	Manganese	394	mg/kg		J	m,ld	182		75	125
RSAI4-0.5B	R0904102	SW6020	SO	Tungsten	0.11	mg/kg	N	J-	m	56.8		75	125
RSAI4-10B	R0904102	SM 5540C	SO	MBAS	1.5	mg/kg	J	UJ	be,bf,m	54		75	125
RSAI4-10B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAI4-10B	R0904102	SW6010	SO	Manganese	343	mg/kg		J	m,ld	182		75	125
RSAI4-10B	R0904102	SW6020	SO	Tungsten	0.23	mg/kg	N	J-	m	56.8		75	125
RSAI4-20B	R0904102	SM 5540C	SO	MBAS	1.4	mg/kg	J	UJ	be,bf,m	54		75	125
RSAI4-20B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAI4-20B	R0904102	SW6010	SO	Manganese	163	mg/kg		J	m,ld	182		75	125
RSAI4-20B	R0904102	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	56.8		75	125
RSAI4-32B	R0904102	SM 5540C	SO	MBAS	1.8	mg/kg	J	UJ	be,bf,m	54		75	125
RSAI4-32B	R0904102	SW6010	SO	Antimony	0.6	mg/kg	U,N	UJ	m	57.1		75	125
RSAI4-32B	R0904102	SW6010	SO	Manganese	370	mg/kg		J	m,ld	182		75	125
RSAI4-32B	R0904102	SW6020	SO	Tungsten	0.26	mg/kg	N	J-	m	56.8		75	125
RSAI5-0.5B	R0904102	SM 5540C	SO	MBAS	1.3	mg/kg	J	UJ	be,bf,m	54		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
RSAI5-0.5B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAI5-0.5B	R0904102	SW6010	SO	Manganese	447	mg/kg		J	m,ld	182		75	125
RSAI5-0.5B	R0904102	SW6020	SO	Tungsten	0.16	mg/kg	N	J-	m	56.8		75	125
RSAI5009-10B	R0904102	SM 5540C	SO	MBAS	0.9	mg/kg	J	UJ	be,bf,m	54		75	125
RSAI5009-10B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAI5009-10B	R0904102	SW6010	SO	Manganese	358	mg/kg		J	m,ld	182		75	125
RSAI5009-10B	R0904102	SW6020	SO	Tungsten	0.51	mg/kg	N	J-	m	56.8		75	125
RSAI5-10B	R0904102	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	54		75	125
RSAI5-10B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAI5-10B	R0904102	SW6010	SO	Manganese	258	mg/kg		J	m,ld	182		75	125
RSAI5-10B	R0904102	SW6020	SO	Tungsten	0.41	mg/kg	N	J-	m	56.8		75	125
RSAI5-28B	R0904102	SM 5540C	SO	MBAS	0.6	mg/kg	U	UJ	m	54		75	125
RSAI5-28B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
RSAI5-28B	R0904102	SW6010	SO	Manganese	115	mg/kg		J	m,ld	182		75	125
RSAI5-28B	R0904102	SW6020	SO	Tungsten	0.14	mg/kg	N	J-	m	56.8		75	125
SA182-10B	R0904102	SM 5540C	SO	MBAS	1.4	mg/kg	J	UJ	be,bf,m	54		75	125
SA182-10B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
SA182-10B	R0904102	SW6010	SO	Manganese	370	mg/kg	N	J	m,ld	182		75	125
SA182-10B	R0904102	SW6020	SO	Tungsten	0.12	mg/kg	N	J-	m	56.8		75	125
SA182-25B	R0904102	SM 5540C	SO	MBAS	1.2	mg/kg	J	UJ	be,bf,m	54		75	125
SA182-25B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
SA182-25B	R0904102	SW6010	SO	Manganese	291	mg/kg	N	J	m,ld	182		75	125
SA182-25B	R0904102	SW6020	SO	Tungsten	0.18	mg/kg	B,N	UJ	bl,be,bf,m	56.8		75	125
SA182-38B	R0904102	SM 5540C	SO	MBAS	0.8	mg/kg	U	UJ	m	54		75	125
SA182-38B	R0904102	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	57.1		75	125
SA182-38B	R0904102	SW6010	SO	Manganese	265	mg/kg	N	J	m,ld	182		75	125
SA182-38B	R0904102	SW6020	SO	Tungsten	0.17	mg/kg	N	J-	m	56.8		75	125
RSAJ3-10B	R0904279	SW 846 6010B	SO	Antimony	0.5	mg/kg	U,N	UJ	m	52.9		75	125
RSAJ3-10B	R0904279	SW 846 6010B	SO	Manganese	340	mg/kg	N	J-	m	67.6		75	125
RSAJ3-10B	R0904279	SW 846 6020	SO	Tungsten	0.23	mg/kg	N	J-	m	55.5		75	125
RSAJ3-29B	R0904279	SW 846 6010B	SO	Antimony	0.6	mg/kg	U,N	UJ	m	52.9		75	125
RSAJ3-29B	R0904279	SW 846 6010B	SO	Manganese	255	mg/kg	N	J-	m	67.6		75	125
RSAJ3-29B	R0904279	SW 846 6020	SO	Tungsten	0.17	mg/kg	N	J-	m	55.5		75	125
SA127-10B	R0904279	SW 846 6010B	SO	Antimony	0.5	mg/kg	U,N	UJ	m	52.9		75	125
SA127-10B	R0904279	SW 846 6010B	SO	Manganese	278	mg/kg	N	J-	m	67.6		75	125
SA127-10B	R0904279	SW 846 6020	SO	Tungsten	0.18	mg/kg	N	J-	m	55.5		75	125
SA127-10B-berm	R0904279	SW 846 6010B	SO	Antimony	0.3	mg/kg	U,N	UJ	m	52.9		75	125
SA127-10B-berm	R0904279	SW 846 6010B	SO	Manganese	307	mg/kg	N	J-	m	67.6		75	125
SA127-10B-berm	R0904279	SW 846 6020	SO	Tungsten	0.33	mg/kg	N	J-	m	55.5		75	125
SA127-20B	R0904279	SW 846 6010B	SO	Antimony	0.6	mg/kg	U,N	UJ	m	52.9		75	125

**Table 3-6
Qualifications Based on Matrix Spike Recoveries**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	MS Recovery	MSD Recovery	LCL	UCL
SA127-20B	R0904279	SW 846 6010B	SO	Manganese	137	mg/kg	N	J-	m	67.6		75	125
SA127-20B	R0904279	SW 846 6020	SO	Tungsten	0.21	mg/kg	B,N	UJ	bl,be,bf,m	55.5		75	125
SA127-32B	R0904279	SW 846 6010B	SO	Antimony	0.7	mg/kg	U,N	UJ	m	52.9		75	125
SA127-32B	R0904279	SW 846 6010B	SO	Manganese	272	mg/kg	N	J-	m	67.6		75	125
SA127-32B	R0904279	SW 846 6020	SO	Tungsten	0.15	mg/kg	B,N	UJ	bl,be,bf,m	55.5		75	125
SA127-5B-berm	R0904279	SW 846 6010B	SO	Antimony	0.5	mg/kg	U,N	UJ	m	52.9		75	125
SA127-5B-berm	R0904279	SW 846 6010B	SO	Manganese	466	mg/kg	N	J-	m	67.6		75	125
SA127-5B-berm	R0904279	SW 846 6020	SO	Tungsten	0.48	mg/kg	N	J-	m	55.5		75	125
RSAL7-10B	R0904426	SW 846 9056	SO	Sulfate	74.7	mg/kg		J+	be,bf,m	130		75	125
RSAL7-10B	R0904426	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	43.6		75	125
RSAL7-10B	R0904426	SW6010	SO	Manganese	431	mg/kg	N	J-	m	64.5		75	125
RSAL7-10B	R0904426	SW6020	SO	Tungsten	0.21	mg/kg	N	J-	m	38.6		75	125
RSAL7-27B	R0904426	SW 846 9056	SO	Sulfate	229	mg/kg		J+	be,bf,m	130		75	125
RSAL7-27B	R0904426	SW6010	SO	Antimony	0.5	mg/kg	U,N	UJ	m	43.6		75	125
RSAL7-27B	R0904426	SW6010	SO	Manganese	135	mg/kg	N	J-	m	64.5		75	125
RSAL7-27B	R0904426	SW6020	SO	Tungsten	0.2	mg/kg	N	J-	m	38.6		75	125

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

LCL - Lower Control Limit

UCL - Upper Control Limit

Laboratory Qualifiers:

B - Analyte found in the associated method blank

J - Estimated value

N - Sample spike recovery not within control limits

U - Analyte was analyzed for but not detected

* - Duplicate analysis not within control limits

**Table 3-7
Qualifications Based on Surrogate Recovery**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Recovery	LCL	UCL
SA57-0.5B	6	SW 846 8081	SO	4,4-DDD	17	ug/kg		J+	s	141	40	140
SA57-0.5B	6	SW 846 8081	SO	Alpha-BHC	2.5	ug/kg		J+	s	141	40	140
SA57-0.5B	6	SW 846 8081	SO	Hexachlorobenzene	18	ug/kg		J	c,s	141	40	140
SA207-0.5B	7	8260B	SO	1,2,3-Trichlorobenzene	2.0	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	1,2,4-Trichlorobenzene	6.6	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	1,2-Dichlorobenzene	1.8	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	1,2-Dichloroethane	1.5	ug/kg		J-	s,sp	50	70	130
SA207-0.5B	7	8260B	SO	1,3-Dichlorobenzene	2.4	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	1,4-Dichlorobenzene	1.9	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	Chlorobenzene	6.9	ug/kg		J-	s,sp	50	70	130
SA207-0.5B	7	8260B	SO	Chloroethane	0.64	ug/kg		J-	s,sp	50	70	130
SA207-0.5B	7	8260B	SO	Chloromethane	0.98	ug/kg		J-	s,sp	50	70	130
SA207-0.5B	7	8260B	SO	cis-1,2-Dichloroethene	0.91	ug/kg		J-	s,sp	50	70	130
SA207-0.5B	7	8260B	SO	Isopropylbenzene	2.7	ug/kg		J-	s,sp	50	70	130
SA207-0.5B	7	8260B	SO	N-Butylbenzene	2.7	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	N-Propylbenzene	8.9	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	sec-Butylbenzene	1.4	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	tert-Butylbenzene	7.0	ug/kg		J	i,s,sp	50	70	130
SA207-0.5B	7	8260B	SO	Tetrachloroethene	3.6	ug/kg		J-	s,sp	50	70	130
SA207-0.5B	7	8260B	SO	Trichloroethene	4.6	ug/kg		J-	s,sp	50	70	130
SA207-10B	7	8260B	SO	1,3,5-Trimethylbenzene	5.0	ug/kg		J	i,s,sp	56	70	130
SA207-10B	7	8260B	SO	1,4-Dichlorobenzene	1.4	ug/kg		J	i,s,sp	56	70	130
SA207-10B	7	8260B	SO	2-Hexanone	22	ug/kg		J-	s,sp	56	70	130
SA207-10B	7	8260B	SO	4-Isopropyltoluene	6.8	ug/kg		J	i,s,sp	56	70	130
SA207-10B	7	8260B	SO	4-Methyl-2-pentanone	23	ug/kg		J-	s,sp	56	70	130
SA207-10B	7	8260B	SO	Bromodichloromethane	7.6	ug/kg		J-	s,sp	56	70	130
SA207-10B	7	8260B	SO	Chlorobenzene	1.1	ug/kg		J-	s,sp	56	70	130
SA207-10B	7	8260B	SO	Chloromethane	0.82	ug/kg		J-	s,sp	56	70	130
SA207-10B	7	8260B	SO	Dibromochloromethane	3.5	ug/kg		J-	s,sp	56	70	130
SA207-10B	7	8260B	SO	Ethylbenzene	3.5	ug/kg		J-	s,sp	56	70	130
SA207-10B	7	8260B	SO	Hexachlorobutadiene	4.4	ug/kg		J	i,s,sp	56	70	130
SA207-10B	7	8260B	SO	Naphthalene	8.0	ug/kg		J	i,s,sp	56	70	130
SA207-10B	7	8260B	SO	Trichloroethene	1.7	ug/kg		J-	s,sp	56	70	130
SA47-0.5B	2	8015B	SO	Diesel Range Organics (DRO)	41000	ug/kg		UJ	s	47	68	138
SA47-10B	2	SW 846 8081	SO	4,4-DDD	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	4,4-DDE	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	4,4-DDT	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Aldrin	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Alpha-BHC	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Alpha-chlordane	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Beta-BHC	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Delta-BHC	1.8	ug/kg		UJ	s	38	40	140

Table 3-7
Qualifications Based on Surrogate Recovery

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Recovery	LCL	UCL
SA47-10B	2	SW 846 8081	SO	Dieldrin	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Endosulfan I	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Endosulfan II	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Endosulfan Sulfate	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Endrin	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Endrin Aldehyde	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Endrin Ketone	3.5	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Gamma-BHC (Lindane)	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Gamma-Chlordane	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Heptachlor	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Heptachlor Epoxide	1.8	ug/kg		UJ	s	38	40	140
SA47-10B	2	SW 846 8081	SO	Hexachlorobenzene	1.8	ug/kg		UJ	c,s	38	40	140
SA47-10B	2	SW 846 8081	SO	Methoxychlor	18	ug/kg		UJ	s	38	40	140
RS47-10B	2	SW 846 8081	SO	4,4-DDT	5.7	ug/kg		J+	s	185	40	140
RS47-10B	2	SW 846 8081	SO	Beta-BHC	17	ug/kg		J+	s	185	40	140
RS47-10B	2	SW 846 8081	SO	Gamma-Chlordane	5.5	ug/kg		J+	s	185	40	140
SA48-0.5B	2	SW 846 8082	SO	Aroclor-1260	220	ug/kg		J+	s	308	40	140
RS47-30B	2	8260B	SO	1,1,1,2-Tetrachloroethane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,1,1-Trichloroethane	10	ug/kg		UJ	h,s,i	65	70	130
RS47-30B	2	8260B	SO	1,1,2,2-Tetrachloroethane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,1,2-Trichloroethane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,1-Dichloroethane	10	ug/kg		UJ	h,s,i	65	70	130
RS47-30B	2	8260B	SO	1,1-Dichloroethene	10	ug/kg		UJ	h,s,i	65	70	130
RS47-30B	2	8260B	SO	1,1-Dichloropropene	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,2,3-Trichlorobenzene	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,2,3-Trichloropropane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,2,4-Trichlorobenzene	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,2,4-Trimethylbenzene	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,2-Dibromo-3-chloropropane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,2-Dichlorobenzene	4.2	ug/kg		J-	h,s,sp	65	70	130
RS47-30B	2	8260B	SO	1,2-Dichloroethane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,2-Dichloropropane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,3,5-Trimethylbenzene	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,3-Dichlorobenzene	88	ug/kg		J-	h,s	65	70	130
RS47-30B	2	8260B	SO	1,3-Dichloropropane	10	ug/kg		UJ	h,s	65	70	130
RS47-30B	2	8260B	SO	1,4-Dichlorobenzene	8.5	ug/kg		J-	h,s,sp	65	70	130
RS47-30B	2	8260B	SO	2,2-Dichloropropane	10	ug/kg		UJ	h,s,i	65	70	130
RS47-30B	2	8260B	SO	2-Butanone	12	ug/kg		J	h,s,i,sp	65	70	130
RS47-30B	2	8260B	SO	2-Chlorotoluene	10	ug/kg		UJ	h,s	65	70	130

Table 3-7
Qualifications Based on Surrogate Recovery

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Recovery	LCL	UCL
RSAI7-30B	2	8260B	SO	2-Hexanone	20	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	2-Methoxy-2-methyl-butane	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	4-Chlorotoluene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	4-Isopropyltoluene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	4-Methyl-2-pentanone	20	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Acetone	95	ug/kg		J	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Benzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Bromobenzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Bromochloromethane	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Bromodichloromethane	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Bromoform	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Bromomethane	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Carbon tetrachloride	1.1	ug/kg		J-	h,s,sp	65	70	130
RSAI7-30B	2	8260B	SO	Chlorobenzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Chloroethane	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Chloroform	90	ug/kg		J	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Chloromethane	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	cis-1,2-Dichloroethene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	cis-1,3-Dichloropropene	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Dibromochloromethane	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Dibromomethane	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Dichlorodifluoromethane	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Ethyl t-butyl ether	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Ethylbenzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Ethylene dibromide	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Hexachlorobutadiene	12	ug/kg		J-	h,s	65	70	130
RSAI7-30B	2	8260B	SO	isopropyl ether	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Isopropylbenzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	m,p-Xylene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Methyl tert butyl ether	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Methylene chloride	2.2	ug/kg		J	h,s,i,sp	65	70	130
RSAI7-30B	2	8260B	SO	Naphthalene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	N-Butylbenzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	N-Propylbenzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	o-Xylene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	sec-Butylbenzene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Styrene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	t-Butyl alcohol	200	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	tert-Butylbenzene	10	ug/kg		UJ	h,s	65	70	130

Table 3-7
Qualifications Based on Surrogate Recovery

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Recovery	LCL	UCL
RSAI7-30B	2	8260B	SO	Tetrachloroethene	70	ug/kg		J-	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Toluene	2.2	ug/kg		J-	h,s,sp	65	70	130
RSAI7-30B	2	8260B	SO	trans-1,2-Dichloroethylene	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	trans-1,3-Dichloropropene	10	ug/kg		UJ	h,s	65	70	130
RSAI7-30B	2	8260B	SO	Trichloroethene	0.71	ug/kg		J-	h,s,sp	65	70	130
RSAI7-30B	2	8260B	SO	Trichlorofluoromethane	10	ug/kg		UJ	h,s,i	65	70	130
RSAI7-30B	2	8260B	SO	Vinylchloride	10	ug/kg		UJ	h,s,i	65	70	130
RSAK3-20B	8	8260B	SO	1,1,1,2-Tetrachloroethane	0.22	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	1,1,1-Trichloroethane	0.19	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,1,2,2-Tetrachloroethane	0.29	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,1,2-Trichloroethane	0.21	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	1,1-Dichloroethane	0.15	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,1-Dichloroethene	0.29	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,1-Dichloropropene	0.36	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	1,2,3-Trichlorobenzene	0.64	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,2,3-Trichloropropane	0.47	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,2,4-Trichlorobenzene	0.68	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,2,4-Trimethylbenzene	0.33	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,2-Dibromo-3-chloropropane	0.61	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,2-Dichlorobenzene	0.70	ug/kg	J	J	i,s,sp	42	70	130
RSAK3-20B	8	8260B	SO	1,2-Dichloroethane	0.23	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	1,2-Dichloropropane	0.23	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	1,3,5-Trimethylbenzene	0.26	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	1,3-Dichlorobenzene	0.54	ug/kg	J	J	i,s,sp	42	70	130
RSAK3-20B	8	8260B	SO	1,3-Dichloropropane	0.27	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	1,4-Dichlorobenzene	1.2	ug/kg	J	J	i,s,sp	42	70	130
RSAK3-20B	8	8260B	SO	2,2-Dichloropropane	0.25	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	2-Butanone	0.68	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	2-Chlorotoluene	0.39	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	2-Hexanone	0.62	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	2-Methoxy-2-methyl-butane	0.098	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	4-Chlorotoluene	0.48	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	4-Isopropyltoluene	0.39	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	4-Methyl-2-pentanone	0.58	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Acetone	22	ug/kg	B	J	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Benzene	0.23	ug/kg	J	J-	s,sp	42	70	130

**Table 3-7
Qualifications Based on Surrogate Recovery**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Recovery	LCL	UCL
RSAK3-20B	8	8260B	SO	Bromobenzene	0.27	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Bromochloromethane	0.29	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Bromodichloromethane	0.19	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Bromoform	0.38	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Bromomethane	0.40	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Carbon tetrachloride	0.40	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Chlorobenzene	0.20	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Chloroethane	0.38	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Chloroform	78	ug/kg		J	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Chloromethane	0.27	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	cis-1,2-Dichloroethene	0.20	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	cis-1,3-Dichloropropene	0.27	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Dibromochloromethane	0.30	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Dibromomethane	0.30	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Dichlorodifluoromethane	0.46	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Ethyl t-butyl ether	0.22	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Ethylbenzene	0.78	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Ethylene dibromide	0.27	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Hexachlorobutadiene	0.71	ug/kg	J	J	i,s,sp	42	70	130
RSAK3-20B	8	8260B	SO	isopropyl ether	0.22	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Isopropylbenzene	0.25	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	m,p-Xylene	0.56	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Methyl tert butyl ether	0.20	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Methylene chloride	0.64	ug/kg	J	UJ	bt,i,s	42	70	130
RSAK3-20B	8	8260B	SO	Naphthalene	0.81	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	N-Butylbenzene	0.52	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	N-Propylbenzene	0.35	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	o-Xylene	0.56	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	sec-Butylbenzene	0.40	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Styrene	0.25	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	t-Butyl alcohol	6.2	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	tert-Butylbenzene	0.29	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Tetrachloroethene	0.81	ug/kg	J	J-	s,sp	42	70	130
RSAK3-20B	8	8260B	SO	Toluene	0.32	ug/kg	J	UJ	bt,s	42	70	130

**Table 3-7
Qualifications Based on Surrogate Recovery**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	Recovery	LCL	UCL
RSAK3-20B	8	8260B	SO	trans-1,2-Dichloroethylene	0.28	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	trans-1,3-Dichloropropene	0.32	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Trichloroethene	0.36	ug/kg	U	UJ	s	42	70	130
RSAK3-20B	8	8260B	SO	Trichlorofluoromethane	0.30	ug/kg	U	UJ	i,s	42	70	130
RSAK3-20B	8	8260B	SO	Vinylchloride	0.21	ug/kg	U	UJ	i,s	42	70	130

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

LCL - Lower Control Limit

UCL - Upper Control Limit

Laboratory Qualifiers:

B - Analyte found in the associated method blank

J - Estimated value

U - Analyte was analyzed for but not detected

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
SA180-30B	E0800616	EPA 1668A	SO	PCB-1	6.36	ng/kg		UJ	i	20	%R (25-150)
SA180-30B	E0800616	EPA 1668A	SO	PCB-2	6.27	ng/kg		UJ	i	20	%R (25-150)
SA87-0.5B	E0800616	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	4380	ng/kg		J	i,e	36	%R (40-135)
SA87-0.5B	E0800616	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	519	ng/kg		J	i	36	%R (40-135)
RSAN2-0.5B	E0800640	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	712	ng/kg		J	i	36	%R (40-135)
RSAN2-0.5B	E0800640	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	3560	ng/kg		J	i,e	36	%R (40-135)
RSAN2-0.5B	E0800640	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1010	ng/kg		J	i,e	39	%R (40-135)
RSAN2-0.5B	E0800640	SW 846 8290	SO	1,2,3,4,7,8,9-Heptachlorodibenzofuran	203	ng/kg		J	i	39	%R (40-135)
RSAN2-0.5B	E0800640	SW 846 8290	SO	Total Heptachlorodibenzofuran	1220	ng/kg		J	i	39	%R (40-135)
RSA04-36B	E0800645	EPA 1668A	SO	PCB-1	15.3	ng/kg		J	i,sp	21	%R (25-150)
RSA04-36B	E0800645	EPA 1668A	SO	PCB-2	3.04	ng/kg		UJ	i	21	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-1	8.45	ng/kg		UJ	i	24	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-16	24.8	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-17	18.5	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-19	11.3	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-2	9.06	ng/kg		UJ	i	24	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-22	16.6	ng/kg		UJ	bl,i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-23	5.31	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-24	13.8	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-25	5.03	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-27	14.1	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-31	48.2	ng/kg		UJ	bl,i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-32	12.8	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-34	5.63	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-35	6.50	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-36	5.46	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-38	6.19	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCB-39	5.12	ng/kg		UJ	i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 18 + 30	39.5	ng/kg		UJ	bl,i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 20 + 28	52.9	ng/kg		UJ	bl,i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 21 + 33	32.8	ng/kg		UJ	bl,i	22	%R (25-150)
RSAN2-30B	E0800646	EPA 1668A	SO	PCBs 26 + 29	5.13	ng/kg		UJ	i	22	%R (25-150)
RSAJ7-0.5B	E0800649	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	725000	ng/kg		J	e,i	37,152	%R (40-135)
RSAJ7-0.5B	E0800649	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	14600	ng/kg		J	i	37,152	%R (40-135)
RSAK7-0.5B	E0800649	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	2010000	ng/kg		J	e,i	36,28	%R (40-135)
RSAK7-0.5B	E0800649	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	42600	ng/kg		J	i	36,28	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	730000	ng/kg		J	i,e	11	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	22700	ng/kg		J	i	11	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzofuran	222000	ng/kg		J	i,e	17	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	15200	ng/kg		J	i	23	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,7,8,9-Heptachlorodibenzofuran	142000	ng/kg		J	i,e	17	%R (40-135)

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzofuran	103000	ng/kg		J	i,e	24	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1800	ng/kg		J	i	30	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzofuran	65900	ng/kg		J	i	24	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3820	ng/kg		J	i	30	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,7,8,9-Hexachlorodibenzofuran	11900	ng/kg		J	i	24	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4130	ng/kg		J	i	30	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	2,3,4,6,7,8-Hexachlorodibenzofuran	14900	ng/kg		J	i	24	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	Tetrachlorinated Dibenzofurans, (Total)	48200	ng/kg		J	i	16	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	Total Heptachlorodibenzofuran	197000	ng/kg		J	i	17	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	Total Heptachlorodibenzo-p-dioxin	26300	ng/kg		J	i	23	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	Total Hexachlorodibenzofuran	230000	ng/kg		J	i	24	%R (40-135)
RSAI7-0.5B	E0800661	SW 846 8290	SO	Total Hexachlorodibenzo-p-dioxin	29600	ng/kg		J	i	30	%R (40-135)
RSAI8-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	623000	ng/kg		J	i,e	38	%R (40-135)
RSAI8-0.5B	E0800661	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	19200	ng/kg		J	i	38	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	597000	ng/kg		J	i,e	7	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	19100	ng/kg		J	i	7	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzofuran	101000	ng/kg		J	i	21	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,4,7,8,9-Heptachlorodibenzofuran	66000	ng/kg		J	i	21	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzofuran	58000	ng/kg		J	i	24	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1020	ng/kg		J	i	29	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzofuran	37800	ng/kg		J	i	24	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2260	ng/kg		J	i	29	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,7,8,9-Hexachlorodibenzofuran	7680	ng/kg		J	i	24	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2380	ng/kg		J	i	29	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	2,3,4,6,7,8-Hexachlorodibenzofuran	8930	ng/kg		J	i	24	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	Total Heptachlorodibenzofuran	267000	ng/kg		J	i	21	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	Total Heptachlorodibenzo-p-dioxin	17200	ng/kg		J	i	17	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	Total Hexachlorodibenzofuran	284000	ng/kg		J	i	24	%R (40-135)
RSAL2-0.5B	E0800662	SW 846 8290	SO	Total Hexachlorodibenzo-p-dioxin	14400	ng/kg		J	i	29	%R (40-135)
SA207-0.5B	R2844797	8260B	SO	1,1,2,2-Tetrachloroethane	10	ug/kg		UJ	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,2,3-Trichlorobenzene	2.0	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,2,3-Trichloropropane	10	ug/kg		UJ	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,2,4-Trichlorobenzene	6.6	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,2,4-Trimethylbenzene	69	ug/kg		J	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,2-Dibromo-3-chloropropane	10	ug/kg		UJ	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,2-Dichlorobenzene	1.8	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,3,5-Trimethylbenzene	15	ug/kg		J	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,3-Dichlorobenzene	2.4	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	1,4-Dichlorobenzene	1.9	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	2-Chlorotoluene	10	ug/kg		UJ	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	4-Chlorotoluene	10	ug/kg		UJ	i,s	88884	122434-489736

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
SA207-0.5B	R2844797	8260B	SO	4-Isopropyltoluene	19	ug/kg		J	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	Bromobenzene	10	ug/kg		UJ	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	Hexachlorobutadiene	23	ug/kg		J	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	Naphthalene	17	ug/kg		J	i,s	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	N-Butylbenzene	2.7	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	N-Propylbenzene	8.9	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	sec-Butylbenzene	1.4	ug/kg		J	i,s,sp	88884	122434-489736
SA207-0.5B	R2844797	8260B	SO	tert-Butylbenzene	7.0	ug/kg		J	i,s,sp	88884	122434-489736
SA207-10B	R2844797	8260B	SO	1,1,2,2-Tetrachloroethane	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,2,3-Trichlorobenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,2,3-Trichloropropane	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,2,4-Trichlorobenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,2,4-Trimethylbenzene	14	ug/kg		J	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,2-Dibromo-3-chloropropane	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,2-Dichlorobenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,3,5-Trimethylbenzene	5.0	ug/kg		J	i,s,sp	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,3-Dichlorobenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	1,4-Dichlorobenzene	1.4	ug/kg		J	i,s,sp	103240	122434-489736
SA207-10B	R2844797	8260B	SO	2-Chlorotoluene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	4-Chlorotoluene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	4-Isopropyltoluene	6.8	ug/kg		J	i,s,sp	103240	122434-489736
SA207-10B	R2844797	8260B	SO	Bromobenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	Hexachlorobutadiene	4.4	ug/kg		J	i,s,sp	103240	122434-489736
SA207-10B	R2844797	8260B	SO	Naphthalene	8.0	ug/kg		J	i,s,sp	103240	122434-489736
SA207-10B	R2844797	8260B	SO	N-Butylbenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	N-Propylbenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	sec-Butylbenzene	11	ug/kg		UJ	i,s	103240	122434-489736
SA207-10B	R2844797	8260B	SO	tert-Butylbenzene	11	ug/kg		UJ	i,s	103240	122434-489736
RSAI7-30B	R2844922	8260B	SO	1,1,1-Trichloroethane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	1,1-Dichloroethane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	1,1-Dichloroethene	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	2,2-Dichloropropane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	2-Butanone	12	ug/kg		J	h,s,i,sp	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Acetone	95	ug/kg		J	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Bromochloromethane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Bromomethane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Chloroethane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Chloroform	90	ug/kg		J	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Chloromethane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	cis-1,2-Dichloroethylene	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Dichlorodifluoromethane	10	ug/kg		UJ	h,s,i	106179	122405-489620

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
RSAI7-30B	R2844922	8260B	SO	Ethyl t-butyl ether	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	isopropyl ether	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Methyl tert butyl ether	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	8260B	SO	Methylene chloride	2.2	ug/kg		J	h,s,i,sp	106179	122405-489620
RSAI7-30B	R2844922	SW 846	SO	t-Butyl alcohol	200	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	SW 846	SO	trans-1,2-Dichloroethylene	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	SW 846	SO	Trichlorofluoromethane	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSAI7-30B	R2844922	SW 846	SO	Vinylchloride	10	ug/kg		UJ	h,s,i	106179	122405-489620
RSA12-0.5B	H	SW 846 8290	SO	tetrachlorinated dibenzofurans, (totals)	0	ng/kg	E	J	i,e	19	%R (40-135)
RSA12-0.5BDL	H	SW 846 8290	SO	2,3,7,8-Tetrachlorodibenzofuran	3630	ng/kg	D	J	i	156	%R (40-135)
SA202-0.5B	H	SW 846 8290	SO	tetrachlorinated dibenzofurans, (totals)	389	ng/kg		J	i	38	%R (40-135)
SA76009-0.5B	H	SW 846 8290	SO	tetrachlorinated dibenzofurans, (totals)	0	ng/kg	E	J	i,e	17	%R (40-135)
0.5BDL	H	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzofuran	88200	ng/kg	D	J	i	38	%R (40-135)
0.5BDL	H	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzofuran	54500	ng/kg	D	J	i	38	%R (40-135)
0.5BDL	H	SW 846 8290	SO	1,2,3,7,8,9-Hexachlorodibenzofuran	7060	ng/kg	D	J	i	38	%R (40-135)
0.5BDL	H	SW 846 8290	SO	2,3,4,6,7,8-Hexachlorodibenzofuran	11700	ng/kg	D	J	i	38	%R (40-135)
RSAJ6-0.5B	H	SW 846 8290	SO	tetrachlorinated dibenzofurans, (totals)	0	ng/kg	E	J	i,e	4	%R (40-135)
RSAJ6-0.5B	H	SW 846 8290	SO	Total Heptachlorodibenzofuran	835000	ng/kg		J	i	35	%R (40-135)
RSAJ6-0.5B	H	SW 846 8290	SO	Total Pentachlorodibenzofuran	242000	ng/kg		J	i	173	%R (40-135)
RSAJ6-0.5B	H	SW 846 8290	SO	Total Pentachlorodibenzo-p-dioxin	63400	ng/kg		J	i	168	%R (40-135)
RSAK8-0.5B	H	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzofuran	5450	ng/kg	D	J	i	39	%R (40-135)
RSAK8-0.5B	H	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzofuran	3440	ng/kg	D	J	i	39	%R (40-135)
SA55-0.5B	H	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	3.17	ng/kg	BJ	UJ	bl,i	38	%R (40-135)
SA55-0.5B	H	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	1.15	ng/kg	BJ	UJ	bl,i	38	%R (40-135)
SA56-0.5B	H	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	5730	ng/kg	BE	J	i,e	39	%R (40-135)
SA56-0.5B	H	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	3.61	ng/kg		J	i	39	%R (40-135)
RSIAI3-32B	R0903584	8270C	SO	Benzo(a)pyrene	1.2	ug/kg	U	UJ	i	100325	113164-452654
RSIAI3-32B	R0903584	8270C	SO	Benzo(b)fluoranthene	2.0	ug/kg	U	UJ	i	100325	113164-452654
RSIAI3-32B	R0903584	8270C	SO	Benzo(g,h,i)perylene	2.1	ug/kg	U	UJ	i	100325	113164-452654
RSIAI3-32B	R0903584	8270C	SO	Benzo(k)fluoranthene	1.5	ug/kg	U	UJ	i	100325	113164-452654
RSIAI3-32B	R0903584	8270C	SO	Dibenz(a,h)anthracene	1.4	ug/kg	U	UJ	i	100325	113164-452654
RSIAI3-32B	R0903584	8270C	SO	Di-N-Octyl phthalate	1.9	ug/kg	U	UJ	i	100325	113164-452654
RSIAI3-32B	R0903584	8270C	SO	Indeno(1,2,3-cd)pyrene	1.6	ug/kg	U	UJ	i	100325	113164-452654
RSIAK3-20B	R0903678	8260B	SO	1,1,1-Trichloroethane	0.19	ug/kg	U	UJ	i,s	164612	229238-916952
RSIAK3-20B	R0903678	8260B	SO	1,1,2,2-Tetrachloroethane	0.29	ug/kg	U	UJ	i,s	143664	161120-644478
RSIAK3-20B	R0903678	8260B	SO	1,1-Dichloroethane	0.15	ug/kg	U	UJ	i,s	164612	229238-916952
RSIAK3-20B	R0903678	8260B	SO	1,1-Dichloroethene	0.29	ug/kg	U	UJ	i,s	164612	229238-916952
RSIAK3-20B	R0903678	8260B	SO	1,2,3-Trichlorobenzene	0.64	ug/kg	U	UJ	i,s	143664	161120-644478

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
RSAK3-20B	R0903678	8260B	SO	1,2,3-Trichloropropane	0.47	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	1,2,4-Trichlorobenzene	0.68	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	1,2,4-Trimethylbenzene	0.33	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	1,2-Dibromo-3-chloropropane	0.61	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	1,2-Dichlorobenzene	0.70	ug/kg	J	J	i,s,sp	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	1,3,5-Trimethylbenzene	0.26	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	1,3-Dichlorobenzene	0.54	ug/kg	J	J	i,s,sp	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	1,4-Dichlorobenzene	1.2	ug/kg	J	J	i,s,sp	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	2,2-Dichloropropane	0.25	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	2-Butanone	0.68	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	2-Chlorotoluene	0.39	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	2-Methoxy-2-methyl-butane	0.098	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	4-Chlorotoluene	0.48	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	4-Isopropyltoluene	0.39	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	Acetone	22	ug/kg	B	J	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Bromobenzene	0.27	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	Bromochloromethane	0.29	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Bromomethane	0.40	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Chloroethane	0.38	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Chloroform	78	ug/kg		J	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Chloromethane	0.27	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	cis-1,2-Dichloroethene	0.20	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Dichlorodifluoromethane	0.46	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Ethyl t-butyl ether	0.22	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Hexachlorobutadiene	0.71	ug/kg	J	J	i,s,sp	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	isopropyl ether	0.22	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Methyl tert butyl ether	0.20	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Methylene chloride	0.64	ug/kg	J	UJ	bt,i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Naphthalene	0.81	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	N-Butylbenzene	0.52	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	N-Propylbenzene	0.35	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	sec-Butylbenzene	0.40	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	t-Butyl alcohol	6.2	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	tert-Butylbenzene	0.29	ug/kg	U	UJ	i,s	143664	161120-644478
RSAK3-20B	R0903678	8260B	SO	trans-1,2-Dichloroethylene	0.28	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Trichlorofluoromethane	0.30	ug/kg	U	UJ	i,s	164612	229238-916952
RSAK3-20B	R0903678	8260B	SO	Vinylchloride	0.21	ug/kg	U	UJ	i,s	164612	229238-916952

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
SA88-20B	R0903678	8260B	SO	1,1,1-Trichloroethane	0.33	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	1,1-Dichloroethane	1.6	ug/kg	J	J	i,sp	226550	229238-916952
SA88-20B	R0903678	8260B	SO	1,1-Dichloroethene	0.50	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	2,2-Dichloropropane	0.44	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	2-Butanone	1.2	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	2-Methoxy-2-methyl-butane	0.18	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Acetone	31	ug/kg	B	J	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Bromochloromethane	0.50	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Bromomethane	0.70	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Chloroethane	0.67	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Chloromethane	0.47	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	cis-1,2-Dichloroethene	0.35	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Dichlorodifluoromethane	0.81	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Ethyl t-butyl ether	0.38	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	isopropyl ether	0.38	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Methyl tert butyl ether	0.35	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Methylene chloride	1.3	ug/kg	J	J	i,sp	226550	229238-916952
SA88-20B	R0903678	8260B	SO	t-Butyl alcohol	11	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	trans-1,2-Dichloroethylene	0.48	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Trichlorofluoromethane	0.52	ug/kg	U	UJ	i	226550	229238-916952
SA88-20B	R0903678	8260B	SO	Vinylchloride	0.36	ug/kg	U	UJ	i	226550	229238-916952
RSAK3-0.5B	H	SW 846 8290	SO	tetrachlorinated dibenzofurans, (totals)	800000	ng/kg		J	i	11	%R (40-135)
RSAK3-0.5B	H	SW 846 8290	SO	Total Heptachlorodibenzofuran	100000	ng/kg		J	i	30	%R (40-135)
RSAK3-0.5B	H	SW 846 8290	SO	Total Tetrachlorodibenzo-p-dioxin	29000	ng/kg		J	i	29	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	821000	ng/kg	B,D	J	i	23	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	22700	ng/kg	B,D	J	i	23	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,4,6,7,8-Heptachlorodibenzofuran	315000	ng/kg	B,D	J	i	30	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,4,7,8,9-Heptachlorodibenzofuran	148000	ng/kg	D	J	i	30	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzofuran	122000	ng/kg	B,D	J	i	34	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2680	ng/kg	D	J	i	36	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzofuran	79300	ng/kg	D	J	i	34	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5290	ng/kg	D	J	i	36	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,7,8,9-Hexachlorodibenzofuran	15200	ng/kg	D	J	i	34	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5840	ng/kg	D	J	i	36	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	2,3,4,6,7,8-Hexachlorodibenzofuran	43400	ng/kg	D	J	i	34	%R (40-135)
RSAK3-0.5BDL	H	SW 846 8290	SO	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1880	ng/kg	D	J	i	27	%R (40-135)
RSAL4009-0.5B	R0903729	8260B	SO	1,1,1-Trichloroethane	0.14	ug/kg	U	UJ	i	347576	349214-1396854

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
RSAL4009-0.5B	R0903729	8260B	SO	1,1-Dichloroethane	0.31	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	1,1-Dichloroethene	0.25	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	1,1-Dichloropropene	0.27	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	1,2-Dichloroethane	0.24	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	1,2-Dichloropropane	0.26	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	2,2-Dichloropropane	0.22	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	2-Butanone	0.51	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	2-Methoxy-2-methyl-butane	0.073	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Acetone	6.0	ug/kg	BJ	UJ	bl,bf,i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Benzene	0.31	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	Bromochloromethane	0.28	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Bromodichloromethane	0.34	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	Bromomethane	0.52	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Carbon tetrachloride	0.30	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	Chloroethane	0.32	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Chloroform	0.29	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Chloromethane	0.38	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	cis-1,2-Dichloroethene	0.21	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	cis-1,3-Dichloropropene	0.23	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	Dibromomethane	0.22	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	Dichlorodifluoromethane	0.35	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Ethyl t-butyl ether	0.16	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	isopropyl ether	0.16	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Methyl tert butyl ether	0.21	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Methylene chloride	0.29	ug/kg	J	UJ	bt,i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	t-Butyl alcohol	4.7	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	trans-1,2-Dichloroethylene	0.35	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Trichloroethene	0.27	ug/kg	U	UJ	i	215002	215453-861810
RSAL4009-0.5B	R0903729	8260B	SO	Trichlorofluoromethane	0.22	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4009-0.5B	R0903729	8260B	SO	Vinylchloride	0.32	ug/kg	U	UJ	i	347576	349214-1396854
RSAL4-28B	R0903729	8260B	SO	1,1,1-Trichloroethane	0.27	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	1,1,2,2-Tetrachloroethane	0.51	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,1-Dichloroethane	0.59	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	1,1-Dichloroethene	0.47	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	1,2,3-Trichlorobenzene	0.91	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,2,3-Trichloropropane	0.67	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,2,4-Trichlorobenzene	1.2	ug/kg	U	UJ	i	138138	156782-627128

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
RSAL4-28B	R0903729	8260B	SO	1,2,4-Trimethylbenzene	0.79	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,2-Dibromo-3-chloropropane	0.88	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,2-Dichlorobenzene	1.3	ug/kg	J	J	i,sp	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,3,5-Trimethylbenzene	0.66	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,3-Dichlorobenzene	0.66	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	1,4-Dichlorobenzene	0.89	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	2,2-Dichloropropane	0.42	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	2-Butanone	0.96	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	2-Chlorotoluene	0.77	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	2-Methoxy-2-methyl-butane	0.14	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	4-Chlorotoluene	0.69	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	4-Isopropyltoluene	0.81	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	Acetone	19	ug/kg	BJ	J	i,sp	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Bromobenzene	0.52	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	Bromodichloromethane	0.65	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Bromomethane	0.99	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Chloroethane	0.61	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Chloromethane	0.72	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	cis-1,2-Dichloroethene	0.40	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Dichlorodifluoromethane	0.66	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Ethyl t-butyl ether	0.31	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Hexachlorobutadiene	0.95	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	isopropyl ether	0.31	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Methyl tert butyl ether	0.40	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Methylene chloride	2.4	ug/kg	J	J	i,sp	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Naphthalene	1.2	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	N-Butylbenzene	0.96	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	N-Propylbenzene	0.65	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	sec-Butylbenzene	0.82	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	t-Butyl alcohol	8.9	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	tert-Butylbenzene	0.70	ug/kg	U	UJ	i	138138	156782-627128
RSAL4-28B	R0903729	8260B	SO	trans-1,2-Dichloroethylene	0.66	ug/kg	U	UJ	i	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Trichlorofluoromethane	0.68	ug/kg	J	J	i,sp	129619	215453-861810
RSAL4-28B	R0903729	8260B	SO	Vinylchloride	0.60	ug/kg	U	UJ	i	129619	215453-861810
RSAM4-0.5B	R0903820	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	930	ng/kg	B	J	i	39	%R (40-135)
RSAM4-0.5B	R0903820	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	70.5	ng/kg	B	J	i	39	%R (40-135)
RSAM4-30B	R0903820	8260B	SO	1,1,1-Trichloroethane	0.22	ug/kg	U	UJ	i	210827	215453-861810

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
RSAM4-30B	R0903820	8260B	SO	1,1-Dichloroethane	0.17	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	1,1-Dichloroethene	0.33	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	2,2-Dichloropropane	0.29	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	2-Butanone	0.77	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	2-Methoxy-2-methyl-butane	0.12	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Acetone	5.0	ug/kg	BJ	UJ	bl,be,bf,i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Bromochloromethane	0.33	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Bromomethane	0.46	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Chloroethane	0.44	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Chloromethane	0.31	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	cis-1,2-Dichloroethene	0.23	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Dichlorodifluoromethane	0.53	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Ethyl t-butyl ether	0.25	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	isopropyl ether	0.25	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Methyl tert butyl ether	0.23	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Methylene chloride	0.84	ug/kg	J	UJ	be,bt,i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	t-Butyl alcohol	7.1	ug/kg	U	UJ	i,c	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	trans-1,2-Dichloroethylene	0.32	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Trichlorofluoromethane	0.34	ug/kg	U	UJ	i	210827	215453-861810
RSAM4-30B	R0903820	8260B	SO	Vinylchloride	0.24	ug/kg	U	UJ	i	210827	215453-861810
RSAN4-0.5B	R0903820	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	3.30	ng/kg	J	J	i,sp	35	%R (40-135)
RSAN4-0.5B	R0903820	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	0.743	ng/kg	BJ	UJ	i,bl	35	%R (40-135)
RSAL5-0.5B	R0903970	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzofuran	4700	ng/kg	BE	J	e,i	39	%R (40-135)
RSAL5-0.5B	R0903970	SW 846 8290	SO	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin	143	ng/kg	B	J	i	39	%R (40-135)
SA127-32B	R0904279	8260B	SO	1,1,1-Trichloroethane	0.41	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	1,1,2,2-Tetrachloroethane	0.62	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,1-Dichloroethane	0.31	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	1,1-Dichloroethene	0.62	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	1,2,3-Trichlorobenzene	4.7	ug/kg	J	J	i,sp	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,2,3-Trichloropropane	1.1	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,2,4-Trichlorobenzene	8.4	ug/kg	J	J	i,sp	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,2,4-Trimethylbenzene	0.71	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,2-Dibromo-3-chloropropane	1.4	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,2-Dichlorobenzene	13	ug/kg		J	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,3,5-Trimethylbenzene	0.56	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,3-Dichlorobenzene	20	ug/kg		J	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	1,4-Dichlorobenzene	10	ug/kg		J	i	102356	131141-524562

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
SA127-32B	R0904279	8260B	SO	2,2-Dichloropropane	0.54	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	2-Butanone	1.5	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	2-Chlorotoluene	0.85	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	2-Methoxy-2-methyl-butane	0.22	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	4-Chlorotoluene	1.1	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	4-Isopropyltoluene	0.85	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	Acetone	72	ug/kg		J	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Bromobenzene	0.58	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	Bromochloromethane	0.62	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Bromomethane	0.87	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Chloroethane	0.83	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Chloroform	320	ug/kg		J	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Chloromethane	0.58	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	cis-1,2-Dichloroethene	0.43	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Dichlorodifluoromethane	1.0	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Ethyl t-butyl ether	0.46	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Hexachlorobutadiene	6.2	ug/kg	J	J	i,sp	102356	131141-524562
SA127-32B	R0904279	8260B	SO	isopropyl ether	0.46	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Methyl tert butyl ether	0.43	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Methylene chloride	3.1	ug/kg	J	J	i,sp	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Naphthalene	1.8	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	N-Butylbenzene	1.2	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	N-Propylbenzene	0.75	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	sec-Butylbenzene	0.87	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	t-Butyl alcohol	14	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	tert-Butylbenzene	0.62	ug/kg	U	UJ	i	102356	131141-524562
SA127-32B	R0904279	8260B	SO	trans-1,2-Dichloroethylene	0.60	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Trichlorofluoromethane	0.64	ug/kg	U	R	i	64004	172892-691568
SA127-32B	R0904279	8260B	SO	Vinylchloride	0.45	ug/kg	U	R	i	64004	172892-691568
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-1	13.8	ng/kg		J	i,sp	6	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-10	3.65	ng/kg		UJ	i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-11	488	ng/kg		UJ	bl,i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-14	4.72	ng/kg		UJ	i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-16	16.7	ng/kg		J	i,sp	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-17	17.0	ng/kg		UJ	bl,i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-19	6.86	ng/kg		J	i,sp	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-2	3.45	ng/kg		UJ	i	6, 12	%R (25-150)

**Table 3-8
Qualifications Based on Internal Standard Performance**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	DQI Result	Acceptance Limit
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-22	14.8	ng/kg		UJ	bl,i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-23	1.03	ng/kg		UJ	i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-24	1.03	ng/kg		UJ	i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-25	2.99	ng/kg		J	i,sp	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-27	2.30	ng/kg		J	i,sp	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-3	2.80	ng/kg		UJ	i	12	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-31	41.2	ng/kg		UJ	bl,i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-32	10.9	ng/kg		UJ	bl,i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-34	1.09	ng/kg		UJ	i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-35	1.25	ng/kg		UJ	i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-36	1.05	ng/kg		UJ	i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-38	1.19	ng/kg		UJ	i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-39	0.988	ng/kg		UJ	i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-4	32.3	ng/kg		J	i,sp	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-5	4.73	ng/kg		UJ	i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-6	10.9	ng/kg		J	i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-7	4.52	ng/kg		UJ	i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-8	52.0	ng/kg		J	i,sp	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-9	4.89	ng/kg		UJ	i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 12 + 13	4.70	ng/kg		UJ	i	14	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 18 + 30	30.4	ng/kg		UJ	bl,i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 20 + 28	40.3	ng/kg		UJ	bl,i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 21 + 33	25.4	ng/kg		UJ	bl,i	20	%R (25-150)
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 26 + 29	6.98	ng/kg		J	i,sp	20	%R (25-150)

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

D - Analysis at a secondary dilution factor

E - Compound exceeds the calibration range

J - Estimated value

U - Analyte was analyzed for but not detected

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA180-0.5B	211060	HASL-300	SO	Th-232	1.28	pCi/g		J	ld	22	20		
SA180-20B	211060	HASL-300	SO	Th-232	1.46	pCi/g		J	ld	22	20		
SA180-30B	211060	HASL-300	SO	Th-232	1.17	pCi/g		J	ld	22	20		
SA207-0.5B	211060	HASL-300	SO	Th-232	0.100	pCi/g		J	ld	22	20		
SA207-10B	211060	HASL-300	SO	Th-232	0.0746	pCi/g		J	ld	22	20		
SA207-20B	211060	HASL-300	SO	Th-232	1.82	pCi/g		J	ld	22	20		
SA207-40B	211060	HASL-300	SO	Th-232	1.95	pCi/g		J	ld	22	20		
SA57-0.5B	211060	HASL-300	SO	Th-232	1.84	pCi/g		J	ld	22	20		
SA57-10B	211060	HASL-300	SO	Th-232	1.53	pCi/g		J	ld	22	20		
SA57-20B	211060	HASL-300	SO	Th-232	0.972	pCi/g		J	ld	22	20		
SA57-30B	211060	HASL-300	SO	Th-232	1.00	pCi/g		J	ld	22	20		
SA87-0.5B	211060	HASL-300	SO	Th-232	1.42	pCi/g		J	ld	22	20		
SA87-10B	211060	HASL-300	SO	Th-232	1.38	pCi/g		J	ld	22	20		
SA87-20B	211060	HASL-300	SO	Th-232	1.49	pCi/g		J	ld	22	20		
SA87-25B	211060	HASL-300	SO	Th-232	1.96	pCi/g		J	ld	22	20		
SA87-30B	211060	HASL-300	SO	Th-232	1.88	pCi/g		J	ld	22	20		
RSAN2-0.5B	211141	HASL-300	SO	Th-228	1.92	pCi/g		J	ld	31	20		
RSAN2-0.5B	211141	HASL-300	SO	Th-230	0.858	pCi/g		J	ld	21	20		
RSAN2-0.5B	211141	HASL-300	SO	Th-232	1.13	pCi/g		J	ld	22	20		
RSAN2-10B	211141	HASL-300	SO	Th-228	1.70	pCi/g		J	ld	31	20		
RSAN2-10B	211141	HASL-300	SO	Th-230	1.12	pCi/g		J	ld	21	20		
RSAN2-10B	211141	HASL-300	SO	Th-232	1.06	pCi/g		J	ld	22	20		
RSAN2-20B	211141	HASL-300	SO	Th-228	1.84	pCi/g		J	ld	31	20		
RSAN2-20B	211141	HASL-300	SO	Th-230	2.41	pCi/g		J	ld	21	20		
RSAN2-20B	211141	HASL-300	SO	Th-232	1.50	pCi/g		J	ld	22	20		
SA180-10B	211141	HASL-300	SO	Th-228	1.49	pCi/g		J	ld	31	20		
SA180-10B	211141	HASL-300	SO	Th-230	1.00	pCi/g		J	ld	21	20		
SA180-10B	211141	HASL-300	SO	Th-232	1.16	pCi/g		J	ld	22	20		
SA181-0.5B	211141	HASL-300	SO	Th-228	2.00	pCi/g		J	ld	31	20		
SA181-0.5B	211141	HASL-300	SO	Th-230	0.877	pCi/g		J	ld	21	20		
SA181-0.5B	211141	HASL-300	SO	Th-232	1.23	pCi/g		J	ld	22	20		
SA181-10B	211141	HASL-300	SO	Th-228	1.50	pCi/g		J	ld	31	20		
SA181-10B	211141	HASL-300	SO	Th-230	1.01	pCi/g		J	ld	21	20		
SA181-10B	211141	HASL-300	SO	Th-232	0.950	pCi/g		J	ld	22	20		
SA181-20B	211141	HASL-300	SO	Th-228	1.38	pCi/g		J	ld	31	20		
SA181-20B	211141	HASL-300	SO	Th-230	2.89	pCi/g		J	ld	21	20		
SA181-20B	211141	HASL-300	SO	Th-232	2.03	pCi/g		J	ld	22	20		
SA181-30B	211141	HASL-300	SO	Th-228	1.27	pCi/g		J	ld	31	20		
SA181-30B	211141	HASL-300	SO	Th-230	0.907	pCi/g		J	ld	21	20		
SA181-30B	211141	HASL-300	SO	Th-232	1.41	pCi/g		J	ld	22	20		
SA181-35B	211141	HASL-300	SO	Th-228	1.07	pCi/g		J	ld	31	20		
SA181-35B	211141	HASL-300	SO	Th-230	2.05	pCi/g		J	ld	21	20		
SA181-35B	211141	HASL-300	SO	Th-232	1.02	pCi/g		J	ld	22	20		
SA183-0.5B	211141	HASL-300	SO	Th-228	1.30	pCi/g		J	ld	31	20		
SA183-0.5B	211141	HASL-300	SO	Th-230	1.05	pCi/g		J	ld	21	20		
SA183-0.5B	211141	HASL-300	SO	Th-232	1.97	pCi/g		J	ld	22	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA47-0.5B	211141	HASL-300	SO	Th-228	1.52	pCi/g		J	ld	31	20		
SA47-0.5B	211141	HASL-300	SO	Th-230	1.11	pCi/g		J	ld	21	20		
SA47-0.5B	211141	HASL-300	SO	Th-232	0.945	pCi/g		J	ld	22	20		
SA47-10B	211141	HASL-300	SO	Th-228	1.58	pCi/g		J	ld	31	20		
SA47-10B	211141	HASL-300	SO	Th-230	0.965	pCi/g		J	ld	21	20		
SA47-10B	211141	HASL-300	SO	Th-232	1.61	pCi/g		J	ld	22	20		
SA47-20B	211141	HASL-300	SO	Th-228	2.30	pCi/g		J	ld	31	20		
SA47-20B	211141	HASL-300	SO	Th-230	2.90	pCi/g		J	ld	21	20		
SA47-20B	211141	HASL-300	SO	Th-232	1.60	pCi/g		J	ld	22	20		
SA47-30B	211141	HASL-300	SO	Th-228	1.27	pCi/g		J	ld	31	20		
SA47-30B	211141	HASL-300	SO	Th-230	1.66	pCi/g		J	ld	21	20		
SA47-30B	211141	HASL-300	SO	Th-232	0.814	pCi/g		J	ld	22	20		
SA47-35B	211141	HASL-300	SO	Th-228	1.71	pCi/g		J	ld	31	20		
SA47-35B	211141	HASL-300	SO	Th-230	2.56	pCi/g		J	ld	21	20		
SA47-35B	211141	HASL-300	SO	Th-232	1.51	pCi/g		J	ld	22	20		
SA67-.5B	211141	HASL-300	SO	Th-228	1.95	pCi/g		J	ld	31	20		
SA67-.5B	211141	HASL-300	SO	Th-230	0.781	pCi/g		J	ld	21	20		
SA67-.5B	211141	HASL-300	SO	Th-232	1.14	pCi/g		J	ld	22	20		
SA67-10B	211141	HASL-300	SO	Th-228	1.89	pCi/g		J	ld	31	20		
SA67-10B	211141	HASL-300	SO	Th-230	1.26	pCi/g		J	ld	21	20		
SA67-10B	211141	HASL-300	SO	Th-232	1.48	pCi/g		J	ld	22	20		
SA67-20B	211141	HASL-300	SO	Th-228	1.38	pCi/g		J	ld	31	20		
SA67-20B	211141	HASL-300	SO	Th-230	1.71	pCi/g		J	ld	21	20		
SA67-20B	211141	HASL-300	SO	Th-232	1.19	pCi/g		J	ld	22	20		
SA67-30B	211141	HASL-300	SO	Th-228	1.67	pCi/g		J	ld	31	20		
SA67-30B	211141	HASL-300	SO	Th-230	1.91	pCi/g		J	ld	21	20		
SA67-30B	211141	HASL-300	SO	Th-232	1.79	pCi/g		J	ld	22	20		
SA67-35B	211141	HASL-300	SO	Th-228	1.97	pCi/g		J	ld	31	20		
SA67-35B	211141	HASL-300	SO	Th-230	1.59	pCi/g		J	ld	21	20		
SA67-35B	211141	HASL-300	SO	Th-232	1.12	pCi/g		J	ld	22	20		
RSA02-0.5B	211412	HASL-300	SO	Th-232	1.28	pCi/g		J	ld	41	20		
RSA02-10B	211412	HASL-300	SO	Th-232	1.35	pCi/g		J	ld	41	20		
RSA02-20B	211412	HASL-300	SO	Th-232	1.62	pCi/g		J	ld	41	20		
RSA02-20BD	211412	HASL-300	SO	Th-232	1.20	pCi/g		J	ld	41	20		
RSA02-30B	211412	HASL-300	SO	Th-232	1.74	pCi/g		J	ld	41	20		
RSA02-33B	211412	HASL-300	SO	Th-232	1.38	pCi/g		J	ld	41	20		
RSA04-0.5B	211412	HASL-300	SO	Th-232	0.856	pCi/g		J	ld	41	20		
RSA04-10B	211412	HASL-300	SO	Th-232	2.04	pCi/g		J	ld	41	20		
RSA04-20B	211412	HASL-300	SO	Th-232	1.36	pCi/g		J	ld	41	20		
RSA04-30B	211412	HASL-300	SO	Th-232	0.954	pCi/g		J	ld	41	20		
RSA04-36B	211412	HASL-300	SO	Th-232	1.32	pCi/g		J	ld	41	20		
RSAN2-30B	211412	HASL-300	SO	Th-232	1.24	pCi/g		J	ld	41	20		
RSAN2-30BD	211412	HASL-300	SO	Th-232	1.20	pCi/g		J	ld	41	20		
RSAN2-35B	211412	HASL-300	SO	Th-232	0.975	pCi/g		J	ld	41	20		
SA183-10B	211412	HASL-300	SO	Th-232	1.73	pCi/g		J	ld	41	20		
SA183-10BD	211412	HASL-300	SO	Th-232	1.63	pCi/g		J	ld	41	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA183-20B	211412	HASL-300	SO	Th-232	1.27	pCi/g		J	ld	41	20		
SA183-30B	211412	HASL-300	SO	Th-232	0.719	pCi/g		J	ld	41	20		
SA183-33B	211412	HASL-300	SO	Th-232	1.15	pCi/g		J	ld	41	20		
SA207-30B	211412	HASL-300	SO	Th-232	1.03	pCi/g		J	ld	41	20		
RSAJ7-0.5B	211899	HASL-300	SO	Th-230	1.38	pCi/g		J	ld	21	20		
RSAJ7-0.5B	211899	HASL-300	SO	Th-232	1.21	pCi/g		J	ld	35	20		
RSAJ7-0.5B	211899	HASL-300	SO	U-235/236	0.0893	pCi/g		J	ld			0.049	0.040
RSAJ7-10B	211899	HASL-300	SO	Th-230	1.17	pCi/g		J	ld	21	20		
RSAJ7-10B	211899	HASL-300	SO	Th-232	0.711	pCi/g		J	ld	35	20		
RSAJ7-10B	211899	HASL-300	SO	U-235/236	0.108	pCi/g		J	ld			0.049	0.040
RSAJ7-20B	211899	HASL-300	SO	Th-230	4.13	pCi/g		J	ld	21	20		
RSAJ7-20B	211899	HASL-300	SO	Th-232	1.39	pCi/g		J	ld	35	20		
RSAJ7-20B	211899	HASL-300	SO	U-235/236	0.203	pCi/g		J	ld			0.049	0.040
RSAK7-0.5B	211899	HASL-300	SO	Th-230	1.35	pCi/g		J	ld	21	20		
RSAK7-0.5B	211899	HASL-300	SO	Th-232	2.63	pCi/g		J	ld	35	20		
RSAK7-0.5B	211899	HASL-300	SO	U-235/236	0.0871	pCi/g		J	ld			0.049	0.040
RSAK7-10B	211899	HASL-300	SO	Th-230	1.92	pCi/g		J	ld	21	20		
RSAK7-10B	211899	HASL-300	SO	Th-232	0.762	pCi/g		J	ld,fd	35	20		
RSAK7-10B	211899	HASL-300	SO	U-235/236	0.0965	pCi/g		J	ld			0.049	0.040
RSAK7-10BD	211899	HASL-300	SO	Th-230	1.22	pCi/g		J	ld	21	20		
RSAK7-10BD	211899	HASL-300	SO	Th-232	2.17	pCi/g		J	ld,fd	35	20		
RSAK7-10BD	211899	HASL-300	SO	U-235/236	0.126	pCi/g		J	ld			0.049	0.040
RSAK7-20B	211899	HASL-300	SO	Th-230	3.32	pCi/g		J	ld	21	20		
RSAK7-20B	211899	HASL-300	SO	Th-232	1.22	pCi/g		J	ld	35	20		
RSAK7-20B	211899	HASL-300	SO	U-235/236	0.285	pCi/g		J	ld			0.049	0.040
RSAK7-27B	211899	HASL-300	SO	Th-230	1.44	pCi/g		J	ld	21	20		
RSAK7-27B	211899	HASL-300	SO	Th-232	1.08	pCi/g		J	ld	35	20		
RSAK7-27B	211899	HASL-300	SO	U-235/236	0.210	pCi/g		J	ld			0.049	0.040
RSAL2-0.5B	211899	HASL-300	SO	Th-230	1.68	pCi/g		J	ld	21	20		
RSAL2-0.5B	211899	HASL-300	SO	Th-232	1.05	pCi/g		J	ld	35	20		
RSAL2-0.5B	211899	HASL-300	SO	U-235/236	0.059	pCi/g		J	ld			0.049	0.040
RSAL2-10B	211899	HASL-300	SO	Th-230	0.980	pCi/g		J	ld	21	20		
RSAL2-10B	211899	HASL-300	SO	Th-232	1.35	pCi/g		J	ld	35	20		
RSAL2-10B	211899	HASL-300	SO	U-235/236	0.0813	pCi/g		J	ld			0.049	0.040
SA46-0.5B	211899	HASL-300	SO	Th-230	0.797	pCi/g		J	ld	21	20		
SA46-0.5B	211899	HASL-300	SO	Th-232	1.60	pCi/g		J	ld	35	20		
SA46-0.5B	211899	HASL-300	SO	U-235/236	0.0653	pCi/g		J	ld			0.049	0.040
SA46-10B	211899	HASL-300	SO	Th-230	1.56	pCi/g		J	ld	21	20		
SA46-10B	211899	HASL-300	SO	Th-232	1.54	pCi/g		J	ld	35	20		
SA46-10B	211899	HASL-300	SO	U-235/236	0.0219	pCi/g		UJ	ld			0.049	0.040
SA46-20B	211899	HASL-300	SO	Th-230	7.10	pCi/g		J	ld	21	20		
SA46-20B	211899	HASL-300	SO	Th-232	1.11	pCi/g		J	ld	35	20		
SA46-20B	211899	HASL-300	SO	U-235/236	0.482	pCi/g		J	ld			0.049	0.040
SA46-30B	211899	HASL-300	SO	Th-230	2.66	pCi/g		J	ld	21	20		
SA46-30B	211899	HASL-300	SO	Th-232	1.18	pCi/g		J	ld	35	20		
SA46-30B	211899	HASL-300	SO	U-235/236	0.131	pCi/g		J	ld,fd			0.049	0.040

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA46-30BD	211899	HASL-300	SO	Th-230	2.66	pCi/g		J	ld	21	20		
SA46-30BD	211899	HASL-300	SO	Th-232	0.816	pCi/g		J	ld	35	20		
SA46-30BD	211899	HASL-300	SO	U-235/236	0.204	pCi/g		J	ld,fd			0.049	0.040
SA48-0.5B	211899	HASL-300	SO	Th-230	1.02	pCi/g		J	ld	21	20		
SA48-0.5B	211899	HASL-300	SO	Th-232	1.53	pCi/g		J	ld	35	20		
SA48-0.5B	211899	HASL-300	SO	U-235/236	0.0801	pCi/g		J	ld			0.049	0.040
SA48-10B	211899	HASL-300	SO	Th-230	1.09	pCi/g		J	ld	21	20		
SA48-10B	211899	HASL-300	SO	Th-232	2.18	pCi/g		J	ld	35	20		
SA48-10B	211899	HASL-300	SO	U-235/236	0.0886	pCi/g		J	ld			0.049	0.040
SA48-20B	211899	HASL-300	SO	Th-230	1.47	pCi/g		J	ld	21	20		
SA48-20B	211899	HASL-300	SO	Th-232	0.645	pCi/g		J	ld	35	20		
SA48-20B	211899	HASL-300	SO	U-235/236	0.126	pCi/g		J	ld			0.049	0.040
SA48-30B	211899	HASL-300	SO	Th-230	1.30	pCi/g		J	ld	21	20		
SA48-30B	211899	HASL-300	SO	Th-232	1.28	pCi/g		J	ld	35	20		
SA48-30B	211899	HASL-300	SO	U-235/236	0.127	pCi/g		J	ld			0.049	0.040
SA48-35B	211899	HASL-300	SO	Th-230	1.25	pCi/g		J	ld	21	20		
SA48-35B	211899	HASL-300	SO	Th-232	1.06	pCi/g		J	ld	35	20		
SA48-35B	211899	HASL-300	SO	U-235/236	0.272	pCi/g		J	ld			0.049	0.040
RSAK2-0.5B	211947	HASL-300	SO	U-235/236	0.0817	pCi/g		J	ld			0.0907	0.040
RSAK2-10B	211947	HASL-300	SO	U-235/236	0.120	pCi/g		J	ld			0.0907	0.040
RSAK2-20B	211947	HASL-300	SO	U-235/236	0.140	pCi/g		J	ld			0.0907	0.040
RSAK2-20BD	211947	HASL-300	SO	U-235/236	0.121	pCi/g		J	ld			0.0907	0.040
RSAK2-30B	211947	HASL-300	SO	U-235/236	0.108	pCi/g		J	ld			0.0907	0.040
RSAK2-35B	211947	HASL-300	SO	U-235/236	0.175	pCi/g		J	ld			0.0907	0.040
RSAL2-20B	211947	HASL-300	SO	U-235/236	0.0943	pCi/g		J	ld			0.0907	0.040
RSAL2-20BD	211947	HASL-300	SO	U-235/236	0.0779	pCi/g		J	ld			0.0907	0.040
RSAL2-30B	211947	HASL-300	SO	U-235/236	0.159	pCi/g		J	ld			0.0907	0.040
RSAL2-37B	211947	HASL-300	SO	U-235/236	0.167	pCi/g		J	ld			0.0907	0.040
RSAL2-40B	211947	HASL-300	SO	U-235/236	0.158	pCi/g		J	ld			0.0907	0.040
RSAI7-0.5B	211948	HASL-300	SO	U-235/236	0.0632	pci/g		J	ld			0.0907	0.040
RSAI7-10B	211948	HASL-300	W	Th-232	0.510	pci/l		J	ld	77	20		
RSAI7-10B	211948	HASL-300	W	Th-232	0.254	pci/l		J	ld	77	20		
RSAI7-10B	211948	HASL-300	W	U-233/234	1.96	pci/l		J	ld	99	20		
RSAI7-10B	211948	HASL-300	W	U-233/234	5.51	pci/l		J	ld	99	20		
RSAI7-10B	211948	HASL-300	W	U-235/236	0.359	pci/l		J	ld	110	20		
RSAI7-10B	211948	HASL-300	SO	U-235/236	0.124	pci/g		J	ld			0.0907	0.040
RSAI7-10B	211948	HASL-300	W	U-235/236	0.0865	pci/l		J	ld	110	20		
RSAI7-10B	211948	HASL-300	W	U-238	1.23	pci/l		J	m,ld	119	20		
RSAI7-10B	211948	HASL-300	W	U-238	1.64	pci/l		J	m,ld	119	20		
RSAI7-20B	211948	HASL-300	SO	U-235/236	0.185	pci/g		J	ld			0.0907	0.040
RSAI7-30B	211948	HASL-300	SO	U-235/236	0.429	pci/g		J	ld			0.0907	0.040
RSAJ8-0.5B	211948	HASL-300	SO	U-235/236	0.0758	pci/g		J	ld			0.0907	0.040
RSAJ8-10B	211948	HASL-300	SO	U-235/236	0.0719	pci/g		J	ld			0.0907	0.040
RSAJ8-20B	211948	HASL-300	SO	U-235/236	0.082	pci/g		J	ld			0.0907	0.040
RSAJ8-30B	211948	HASL-300	SO	U-235/236	0.108	pci/g		J	ld			0.0907	0.040
RSAJ8-33B	211948	HASL-300	SO	U-235/236	0.0997	pci/g		J	ld			0.0907	0.040

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA180-10B	K0805780	SW 846 6010B	SO	Barium	219	mg/kg		J	ld	23.5	20		
SA180-10B	K0805780	SW 846 6010B	SO	Manganese	286	mg/kg		J	m,ld	21	20		
SA87-10B	K0805780	SW 846 6010B	SO	Sodium	777	mg/kg		J	ld	22.6	20		
SA87-10B	K0805780	SW 846 6010B	SO	Strontium	280	mg/kg		J	ld	21.4	20		
SA181-0.5B	K0806117	SW 846 6010B	SO	Barium	168	mg/kg		J	ld	24.6	20		
SA181-0.5B	K0806117	SW 846 6010B	SO	Manganese	478	mg/kg		J	m,ld	43.5	20		
SA181-0.5B	K0806117	SW 846 6010B	SO	Strontium	131	mg/kg		J	m,ld	58.9	20		
SA181-0.5B	K0806117	SW 846 6020	SO	Lead	9.58	mg/kg		J	ld	22	20		
SA181-0.5B	K0806117	SW 846 6020	SO	Silver	0.033	mg/kg		J	ld			0.059	0.022
SA181-10B	K0806117	SW 846 6010B	SO	Barium	200	mg/kg		J	ld	24.6	20		
SA181-10B	K0806117	SW 846 6010B	SO	Manganese	392	mg/kg		J	m,ld	43.5	20		
SA181-10B	K0806117	SW 846 6010B	SO	Strontium	275	mg/kg		J	m,ld	58.9	20		
SA181-10B	K0806117	SW 846 6020	SO	Lead	8.56	mg/kg		J	ld	22	20		
SA181-10B	K0806117	SW 846 6020	SO	Silver	0.022	mg/kg		J	ld			0.059	0.022
SA181-20B	K0806117	SW 846 6010B	SO	Barium	174	mg/kg		J	ld	24.6	20		
SA181-20B	K0806117	SW 846 6010B	SO	Manganese	323	mg/kg		J	m,ld	43.5	20		
SA181-20B	K0806117	SW 846 6010B	SO	Strontium	1650	mg/kg		J	m,ld	58.9	20		
SA181-20B	K0806117	SW 846 6020	SO	Lead	7.37	mg/kg		J	ld	22	20		
SA181-20B	K0806117	SW 846 6020	SO	Silver	0.022	mg/kg		J	ld			0.059	0.022
SA181-30B	K0806117	SW 846 6010B	SO	Barium	82.5	mg/kg		J	ld	24.6	20		
SA181-30B	K0806117	SW 846 6010B	SO	Manganese	213	mg/kg		J	m,ld	43.5	20		
SA181-30B	K0806117	SW 846 6010B	SO	Strontium	171	mg/kg		J	m,ld	58.9	20		
SA181-30B	K0806117	SW 846 6020	SO	Lead	6.31	mg/kg		J	ld	22	20		
SA181-30B	K0806117	SW 846 6020	SO	Silver	0.021	mg/kg		UJ	ld			0.059	0.022
SA181-35B	K0806117	SW 846 6010B	SO	Barium	98.3	mg/kg		J	ld	24.6	20		
SA181-35B	K0806117	SW 846 6010B	SO	Manganese	246	mg/kg		J	m,ld	43.5	20		
SA181-35B	K0806117	SW 846 6010B	SO	Strontium	189	mg/kg		J	m,ld	58.9	20		
SA181-35B	K0806117	SW 846 6020	SO	Lead	6.52	mg/kg		J	ld	22	20		
SA181-35B	K0806117	SW 846 6020	SO	Silver	0.024	mg/kg		UJ	ld			0.059	0.022
SA207-0.5B	K0806117	SW 846 6010B	SO	Barium	102	mg/kg		J	ld	24.6	20		
SA207-0.5B	K0806117	SW 846 6010B	SO	Manganese	78.2	mg/kg		J	m,ld	43.5	20		
SA207-0.5B	K0806117	SW 846 6010B	SO	Strontium	43.9	mg/kg		J	m,ld	58.9	20		
SA207-0.5B	K0806117	SW 846 6020	SO	Lead	8.82	mg/kg		J	ld	22	20		
SA207-0.5B	K0806117	SW 846 6020	SO	Silver	0.062	mg/kg		J	ld			0.059	0.022
SA207-10B	K0806117	SW 846 6010B	SO	Barium	23.9	mg/kg		J	ld	24.6	20		
SA207-10B	K0806117	SW 846 6010B	SO	Manganese	48.1	mg/kg		J	m,ld	43.5	20		
SA207-10B	K0806117	SW 846 6010B	SO	Strontium	31.6	mg/kg		J	m,ld	58.9	20		
SA207-10B	K0806117	SW 846 6020	SO	Lead	10.1	mg/kg		J	ld	22	20		
SA207-10B	K0806117	SW 846 6020	SO	Silver	0.027	mg/kg		J	ld			0.059	0.022
SA207-20B	K0806117	SW 846 6010B	SO	Barium	190	mg/kg		J	ld	24.6	20		
SA207-20B	K0806117	SW 846 6010B	SO	Manganese	300	mg/kg		J	m,ld	43.5	20		
SA207-20B	K0806117	SW 846 6010B	SO	Strontium	287	mg/kg		J	m,ld	58.9	20		
SA207-20B	K0806117	SW 846 6020	SO	Lead	8.09	mg/kg		J	ld	22	20		
SA207-20B	K0806117	SW 846 6020	SO	Silver	0.029	mg/kg		J	ld			0.059	0.022
SA207-30B	K0806117	SW 846 6010B	SO	Barium	100	mg/kg		J	ld	24.6	20		
SA207-30B	K0806117	SW 846 6010B	SO	Manganese	196	mg/kg		J	m,ld	43.5	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA207-30B	K0806117	SW 846 6010B	SO	Strontium	1810	mg/kg		J	m,ld	58.9	20		
SA207-30B	K0806117	SW 846 6020	SO	Lead	3.71	mg/kg		J	ld	22	20		
SA207-30B	K0806117	SW 846 6020	SO	Silver	0.098	mg/kg		J	ld			0.059	0.022
SA207-40B	K0806117	SW 846 6010B	SO	Barium	1700	mg/kg		J	ld	24.6	20		
SA207-40B	K0806117	SW 846 6010B	SO	Manganese	231	mg/kg		J	m,ld	43.5	20		
SA207-40B	K0806117	SW 846 6010B	SO	Strontium	213	mg/kg		J	m,ld	58.9	20		
SA207-40B	K0806117	SW 846 6020	SO	Lead	7.22	mg/kg		J	ld	22	20		
SA207-40B	K0806117	SW 846 6020	SO	Silver	0.023	mg/kg		UJ	ld			0.059	0.022
RSAN2-0.5B	K0806216	SW 846 6010B	SO	Calcium	17800	mg/kg		J	ld	31.3	20		
RSAN2-0.5B	K0806216	SW 846 6020	SO	Silver	0.039	mg/kg		J	ld			0.031	0.025
RSAN2-10B	K0806216	SW 846 6010B	SO	Calcium	14300	mg/kg		J	ld	31.3	20		
RSAN2-10B	K0806216	SW 846 6020	SO	Silver	0.021	mg/kg		UJ	ld			0.031	0.025
RSAN2-20B	K0806216	SW 846 6010B	SO	Calcium	37000	mg/kg		J	ld	31.3	20		
RSAN2-20B	K0806216	SW 846 6020	SO	Silver	0.022	mg/kg		UJ	ld			0.031	0.025
SA183-0.5B	K0806216	SW 846 6010B	SO	Calcium	47300	mg/kg		J	ld	31.3	20		
SA183-0.5B	K0806216	SW 846 6020	SO	Silver	0.034	mg/kg		J	ld			0.031	0.025
SA47-0.5B	K0806216	SW 846 6010B	SO	Calcium	30200	mg/kg		J	ld	31.3	20		
SA47-0.5B	K0806216	SW 846 6020	SO	Silver	0.055	mg/kg		J	ld			0.031	0.025
SA47-10B	K0806216	SW 846 6010B	SO	Calcium	35700	mg/kg		J	ld	31.3	20		
SA47-10B	K0806216	SW 846 6020	SO	Silver	0.025	mg/kg		UJ	ld			0.031	0.025
SA47-20B	K0806216	SW 846 6010B	SO	Calcium	35700	mg/kg		J	ld	31.3	20		
SA47-20B	K0806216	SW 846 6020	SO	Silver	0.021	mg/kg		UJ	ld			0.031	0.025
SA47-30B	K0806216	SW 846 6010B	SO	Calcium	56000	mg/kg		J	ld	31.3	20		
SA47-30B	K0806216	SW 846 6020	SO	Silver	0.022	mg/kg		UJ	ld			0.031	0.025
SA47-35B	K0806216	SW 846 6010B	SO	Calcium	34100	mg/kg		J	ld	31.3	20		
SA47-35B	K0806216	SW 846 6020	SO	Silver	0.021	mg/kg		UJ	ld			0.031	0.025
SA67-0.5B	K0806216	SW 846 6010B	SO	Calcium	26200	mg/kg		J	ld	31.3	20		
SA67-0.5B	K0806216	SW 846 6020	SO	Silver	0.066	mg/kg		J	ld			0.031	0.025
SA67-10B	K0806216	SW 846 6010B	SO	Calcium	25600	mg/kg		J	ld	31.3	20		
SA67-10B	K0806216	SW 846 6020	SO	Silver	0.04	mg/kg		J	ld			0.031	0.025
SA67-20B	K0806216	SW 846 6010B	SO	Calcium	20400	mg/kg		J	ld	31.3	20		
SA67-20B	K0806216	SW 846 6020	SO	Silver	0.023	mg/kg		J	ld			0.031	0.025
SA67-30B	K0806216	SW 846 6010B	SO	Calcium	4540	mg/kg		J	ld	31.3	20		
SA67-30B	K0806216	SW 846 6020	SO	Silver	0.029	mg/kg		J	ld			0.031	0.025
SA67-35B	K0806216	SW 846 6010B	SO	Calcium	15600	mg/kg		J	ld	31.3	20		
SA67-35B	K0806216	SW 846 6020	SO	Silver	0.019	mg/kg		J	ld			0.031	0.025
RSA02-0.5B	K0806275	SW 846 6010B	SO	Barium	258	mg/kg		J	ld	21	20		
RSA02-10B	K0806275	SW 846 6010B	SO	Barium	204	mg/kg		J	ld	21	20		
RSA02-20B	K0806275	SW 846 6010B	SO	Barium	51.7	mg/kg		J	ld,fd	21	20		
RSA02-20BD	K0806275	SW 846 6010B	SO	Barium	100	mg/kg		J	ld,fd	21	20		
RSA02-30B	K0806275	SW 846 6010B	SO	Barium	58.9	mg/kg		J	ld	21	20		
RSA02-33B	K0806275	SW 846 6010B	SO	Barium	142	mg/kg		J	ld	21	20		
RSA04-0.5B	K0806275	SW 846 6010B	SO	Barium	171	mg/kg		J	ld	21	20		
RSA04-10B	K0806275	SW 846 6010B	SO	Barium	284	mg/kg		J	ld	21	20		
RSA04-20B	K0806275	SW 846 6010B	SO	Barium	76.6	mg/kg		J	ld	21	20		
RSA04-30B	K0806275	SW 846 6010B	SO	Barium	206	mg/kg		J	ld	21	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAN04-36B	K0806275	SW 846 6010B	SO	Barium	169	mg/kg		J	ld	21	20		
RSAN2-30B	K0806275	SW 846 6010B	SO	Barium	252	mg/kg		J	ld,fd	21	20		
RSAN2-30BD	K0806275	SW 846 6010B	SO	Barium	578	mg/kg		J	ld,fd	21	20		
RSAN2-35B	K0806275	SW 846 6010B	SO	Barium	47.8	mg/kg		J	ld	21	20		
SA183-10B	K0806275	SW 846 6010B	SO	Barium	158	mg/kg		J	ld	21	20		
SA183-10BD	K0806275	SW 846 6010B	SO	Barium	263	mg/kg		J	ld	21	20		
SA183-20B	K0806275	SW 846 6010B	SO	Barium	365	mg/kg		J	ld	21	20		
SA183-30B	K0806275	SW 846 6010B	SO	Barium	716	mg/kg		J	ld	21	20		
SA183-33B	K0806275	SW 846 6010B	SO	Barium	146	mg/kg		J	ld	21	20		
RSIAI7-0.5B	K0806357	SW 846 6010B	SO	Manganese	559	mg/kg		J	ld	27.5	20		
RSIAI7-0.5B	K0806357	SW 846 6020	SO	Beryllium	0.562	mg/kg		J	ld	24	20		
RSIAI7-0.5B	K0806357	SW 846 6020	SO	Cadmium	0.201	mg/kg		J	ld			0.102	0.04
RSIAI7-0.5B	K0806357	SW 846 6020	SO	Chromium	7.4	mg/kg		J	ld	22.4	20		
RSIAI7-0.5B	K0806357	SW 846 6020	SO	Silver	0.036	mg/kg		J	ld			0.027	0.02
RSIAI7-0.5B	K0806357	SW 846 6020	SO	Thallium	0.106	mg/kg		J	ld			0.098	0.04
RSIAI7-10B	K0806357	SW 846 6010B	SO	Manganese	488	mg/kg		J	ld	27.5	20		
RSIAI7-10B	K0806357	SW 846 6020	SO	Beryllium	0.555	mg/kg		J	ld	24	20		
RSIAI7-10B	K0806357	SW 846 6020	SO	Cadmium	0.116	mg/kg		J	ld			0.102	0.04
RSIAI7-10B	K0806357	SW 846 6020	SO	Chromium	8.35	mg/kg		J	ld	22.4	20		
RSIAI7-10B	K0806357	SW 846 6020	SO	Silver	0.022	mg/kg		UJ	ld			0.027	0.02
RSIAI7-10B	K0806357	SW 846 6020	SO	Thallium	0.089	mg/kg		J	ld			0.098	0.04
RSIAI7-32B	K0806357	SW 846 6020	SO	Silver	0.071	mg/kg		J	ld			0.034	0.021
RSIAJ8-0.5B	K0806357	SW 846 6010B	SO	Manganese	1180	mg/kg		J	ld	27.5	20		
RSIAJ8-0.5B	K0806357	SW 846 6020	SO	Beryllium	0.664	mg/kg		J	ld	24	20		
RSIAJ8-0.5B	K0806357	SW 846 6020	SO	Cadmium	0.274	mg/kg		J	ld			0.102	0.04
RSIAJ8-0.5B	K0806357	SW 846 6020	SO	Chromium	13.8	mg/kg		J	ld	22.4	20		
RSIAJ8-0.5B	K0806357	SW 846 6020	SO	Silver	0.15	mg/kg		J	ld			0.027	0.02
RSIAJ8-0.5B	K0806357	SW 846 6020	SO	Thallium	0.276	mg/kg		J	ld			0.098	0.04
RSIAJ8-10B	K0806357	SW 846 6010B	SO	Manganese	386	mg/kg		J	ld	27.5	20		
RSIAJ8-10B	K0806357	SW 846 6020	SO	Beryllium	0.623	mg/kg		J	ld	24	20		
RSIAJ8-10B	K0806357	SW 846 6020	SO	Cadmium	0.123	mg/kg		J	ld			0.102	0.04
RSIAJ8-10B	K0806357	SW 846 6020	SO	Chromium	8.02	mg/kg		J	ld	22.4	20		
RSIAJ8-10B	K0806357	SW 846 6020	SO	Silver	0.025	mg/kg		J	ld			0.027	0.02
RSIAJ8-10B	K0806357	SW 846 6020	SO	Thallium	0.1	mg/kg		J	ld			0.098	0.04
RSIAJ8-20B	K0806357	SW 846 6010B	SO	Manganese	519	mg/kg		J	ld	27.5	20		
RSIAJ8-20B	K0806357	SW 846 6020	SO	Beryllium	0.576	mg/kg		J	ld	24	20		
RSIAJ8-20B	K0806357	SW 846 6020	SO	Cadmium	0.175	mg/kg		J	ld			0.102	0.04
RSIAJ8-20B	K0806357	SW 846 6020	SO	Chromium	11.7	mg/kg		J	ld	22.4	20		
RSIAJ8-20B	K0806357	SW 846 6020	SO	Silver	0.035	mg/kg		J	ld			0.027	0.02
RSIAJ8-20B	K0806357	SW 846 6020	SO	Thallium	0.092	mg/kg		J	ld			0.098	0.04
RSIAJ8-30B	K0806357	SW 846 6010B	SO	Manganese	231	mg/kg		J	ld	27.5	20		
RSIAJ8-30B	K0806357	SW 846 6020	SO	Beryllium	0.373	mg/kg		J	ld	24	20		
RSIAJ8-30B	K0806357	SW 846 6020	SO	Cadmium	0.117	mg/kg		J	ld			0.102	0.04
RSIAJ8-30B	K0806357	SW 846 6020	SO	Chromium	12.7	mg/kg		J	ld	22.4	20		
RSIAJ8-30B	K0806357	SW 846 6020	SO	Silver	0.039	mg/kg		J	ld			0.027	0.02
RSIAJ8-30B	K0806357	SW 846 6020	SO	Thallium	0.08	mg/kg		J	ld			0.098	0.04

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAJ8-33B	K0806357	SW 846 6010B	SO	Manganese	214	mg/kg		J	ld	27.5	20		
RSAJ8-33B	K0806357	SW 846 6020	SO	Beryllium	0.281	mg/kg		J	ld	24	20		
RSAJ8-33B	K0806357	SW 846 6020	SO	Cadmium	0.126	mg/kg		J	ld			0.102	0.04
RSAJ8-33B	K0806357	SW 846 6020	SO	Chromium	6.78	mg/kg		J	ld	22.4	20		
RSAJ8-33B	K0806357	SW 846 6020	SO	Silver	0.034	mg/kg		J	ld			0.027	0.02
RSAJ8-33B	K0806357	SW 846 6020	SO	Thallium	0.101	mg/kg		J	ld			0.098	0.04
RSAK2-0.5B	K0806357	SW 846 6010B	SO	Manganese	794	mg/kg		J	ld	27.5	20		
RSAK2-0.5B	K0806357	SW 846 6020	SO	Beryllium	0.405	mg/kg		J	ld	24	20		
RSAK2-0.5B	K0806357	SW 846 6020	SO	Cadmium	0.211	mg/kg		J	ld			0.102	0.04
RSAK2-0.5B	K0806357	SW 846 6020	SO	Chromium	5.84	mg/kg		J	ld	22.4	20		
RSAK2-0.5B	K0806357	SW 846 6020	SO	Silver	0.061	mg/kg		J	ld			0.027	0.02
RSAK2-0.5B	K0806357	SW 846 6020	SO	Thallium	0.117	mg/kg		J	ld			0.098	0.04
RSAK2-10B	K0806357	SW 846 6010B	SO	Manganese	356	mg/kg		J	ld	27.5	20		
RSAK2-10B	K0806357	SW 846 6020	SO	Beryllium	0.477	mg/kg		J	ld	24	20		
RSAK2-10B	K0806357	SW 846 6020	SO	Cadmium	0.162	mg/kg		J	ld			0.102	0.04
RSAK2-10B	K0806357	SW 846 6020	SO	Chromium	6.15	mg/kg		J	ld	22.4	20		
RSAK2-10B	K0806357	SW 846 6020	SO	Silver	0.026	mg/kg		J	ld			0.027	0.02
RSAK2-10B	K0806357	SW 846 6020	SO	Thallium	0.099	mg/kg		J	ld			0.098	0.04
RSAK2-20B	K0806357	SW 846 6010B	SO	Manganese	291	mg/kg		J	ld	27.5	20		
RSAK2-20B	K0806357	SW 846 6020	SO	Beryllium	0.472	mg/kg		J	ld	24	20		
RSAK2-20B	K0806357	SW 846 6020	SO	Cadmium	0.138	mg/kg		J	ld			0.102	0.04
RSAK2-20B	K0806357	SW 846 6020	SO	Chromium	5.45	mg/kg		J	ld	22.4	20		
RSAK2-20B	K0806357	SW 846 6020	SO	Silver	0.043	mg/kg		J	ld			0.027	0.02
RSAK2-20B	K0806357	SW 846 6020	SO	Thallium	0.08	mg/kg		J	ld			0.098	0.04
RSAK2-20BD	K0806357	SW 846 6010B	SO	Manganese	242	mg/kg		J	ld	27.5	20		
RSAK2-20BD	K0806357	SW 846 6020	SO	Beryllium	0.431	mg/kg		J	ld	24	20		
RSAK2-20BD	K0806357	SW 846 6020	SO	Cadmium	0.109	mg/kg		J	ld			0.102	0.04
RSAK2-20BD	K0806357	SW 846 6020	SO	Chromium	5.55	mg/kg		J	ld	22.4	20		
RSAK2-20BD	K0806357	SW 846 6020	SO	Silver	0.026	mg/kg		J	ld			0.027	0.02
RSAK2-20BD	K0806357	SW 846 6020	SO	Thallium	0.079	mg/kg		J	ld			0.098	0.04
RSAK2-30B	K0806357	SW 846 6010B	SO	Manganese	342	mg/kg		J	ld	27.5	20		
RSAK2-30B	K0806357	SW 846 6020	SO	Beryllium	0.858	mg/kg		J	ld	24	20		
RSAK2-30B	K0806357	SW 846 6020	SO	Cadmium	0.151	mg/kg		J	ld			0.102	0.04
RSAK2-30B	K0806357	SW 846 6020	SO	Chromium	16.7	mg/kg		J	ld	22.4	20		
RSAK2-30B	K0806357	SW 846 6020	SO	Silver	0.021	mg/kg		UJ	ld			0.027	0.02
RSAK2-30B	K0806357	SW 846 6020	SO	Thallium	0.2	mg/kg		J	ld			0.098	0.04
RSAK2-35B	K0806357	SW 846 6010B	SO	Manganese	341	mg/kg		J	ld	27.5	20		
RSAK2-35B	K0806357	SW 846 6020	SO	Beryllium	0.833	mg/kg		J	ld	24	20		
RSAK2-35B	K0806357	SW 846 6020	SO	Cadmium	0.15	mg/kg		J	ld			0.102	0.04
RSAK2-35B	K0806357	SW 846 6020	SO	Chromium	14.7	mg/kg		J	ld	22.4	20		
RSAK2-35B	K0806357	SW 846 6020	SO	Silver	0.038	mg/kg		J	ld			0.027	0.02
RSAK2-35B	K0806357	SW 846 6020	SO	Thallium	0.248	mg/kg		J	ld			0.098	0.04
RSAL2-0.5B	K0806357	SW 846 6010B	SO	Manganese	612	mg/kg		J	ld	27.5	20		
RSAL2-0.5B	K0806357	SW 846 6020	SO	Beryllium	0.625	mg/kg		J	ld	24	20		
RSAL2-0.5B	K0806357	SW 846 6020	SO	Cadmium	0.299	mg/kg		J	ld			0.102	0.04
RSAL2-0.5B	K0806357	SW 846 6020	SO	Chromium	8.79	mg/kg		J	ld	22.4	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAL2-0.5B	K0806357	SW 846 6020	SO	Silver	0.088	mg/kg		J	ld			0.027	0.02
RSAL2-0.5B	K0806357	SW 846 6020	SO	Thallium	0.191	mg/kg		J	ld			0.098	0.04
RSAL2-10B	K0806357	SW 846 6010B	SO	Manganese	406	mg/kg		J	ld	27.5	20		
RSAL2-10B	K0806357	SW 846 6020	SO	Beryllium	0.558	mg/kg		J	ld	24	20		
RSAL2-10B	K0806357	SW 846 6020	SO	Cadmium	0.13	mg/kg		J	ld			0.102	0.04
RSAL2-10B	K0806357	SW 846 6020	SO	Chromium	6.89	mg/kg		J	ld	22.4	20		
RSAL2-10B	K0806357	SW 846 6020	SO	Silver	0.045	mg/kg		J	ld			0.027	0.02
RSAL2-10B	K0806357	SW 846 6020	SO	Thallium	0.107	mg/kg		J	ld			0.098	0.04
RSAL2-20B	K0806357	SW 846 6010B	SO	Manganese	377	mg/kg		J	ld	27.5	20		
RSAL2-20B	K0806357	SW 846 6020	SO	Beryllium	0.58	mg/kg		J	ld	24	20		
RSAL2-20B	K0806357	SW 846 6020	SO	Cadmium	0.128	mg/kg		J	ld			0.102	0.04
RSAL2-20B	K0806357	SW 846 6020	SO	Chromium	8.9	mg/kg		J	ld	22.4	20		
RSAL2-20B	K0806357	SW 846 6020	SO	Silver	0.045	mg/kg		J	ld			0.027	0.02
RSAL2-20B	K0806357	SW 846 6020	SO	Thallium	0.097	mg/kg		J	ld			0.098	0.04
RSAL2-20BD	K0806357	SW 846 6010B	SO	Manganese	347	mg/kg		J	ld	27.5	20		
RSAL2-20BD	K0806357	SW 846 6020	SO	Beryllium	0.561	mg/kg		J	ld	24	20		
RSAL2-20BD	K0806357	SW 846 6020	SO	Cadmium	0.115	mg/kg		J	ld			0.102	0.04
RSAL2-20BD	K0806357	SW 846 6020	SO	Chromium	8.48	mg/kg		J	ld	22.4	20		
RSAL2-20BD	K0806357	SW 846 6020	SO	Silver	0.037	mg/kg		J	ld			0.027	0.02
RSAL2-20BD	K0806357	SW 846 6020	SO	Thallium	0.086	mg/kg		J	ld			0.098	0.04
RSAL2-30B	K0806357	SW 846 6010B	SO	Manganese	311	mg/kg		J	ld	27.5	20		
RSAL2-30B	K0806357	SW 846 6020	SO	Beryllium	0.73	mg/kg		J	ld	24	20		
RSAL2-30B	K0806357	SW 846 6020	SO	Cadmium	0.119	mg/kg		J	ld			0.102	0.04
RSAL2-30B	K0806357	SW 846 6020	SO	Chromium	14.5	mg/kg		J	ld	22.4	20		
RSAL2-30B	K0806357	SW 846 6020	SO	Silver	0.022	mg/kg		UJ	ld			0.027	0.02
RSAL2-30B	K0806357	SW 846 6020	SO	Thallium	0.186	mg/kg		J	ld			0.098	0.04
RSAL2-37B	K0806357	SW 846 6010B	SO	Manganese	400	mg/kg		J	ld	27.5	20		
RSAL2-37B	K0806357	SW 846 6020	SO	Beryllium	0.739	mg/kg		J	ld	24	20		
RSAL2-37B	K0806357	SW 846 6020	SO	Cadmium	0.176	mg/kg		J	ld			0.102	0.04
RSAL2-37B	K0806357	SW 846 6020	SO	Chromium	20.3	mg/kg		J	ld	22.4	20		
RSAL2-37B	K0806357	SW 846 6020	SO	Silver	0.026	mg/kg		J	ld			0.027	0.02
RSAL2-37B	K0806357	SW 846 6020	SO	Thallium	0.221	mg/kg		J	ld			0.098	0.04
RSAL2-40B	K0806357	SW 846 6010B	SO	Manganese	444	mg/kg		J	ld	27.5	20		
RSAL2-40B	K0806357	SW 846 6020	SO	Beryllium	1.1	mg/kg		J	ld	24	20		
RSAL2-40B	K0806357	SW 846 6020	SO	Cadmium	0.154	mg/kg		J	ld			0.102	0.04
RSAL2-40B	K0806357	SW 846 6020	SO	Chromium	13.3	mg/kg		J	ld	22.4	20		
RSAL2-40B	K0806357	SW 846 6020	SO	Silver	0.029	mg/kg		J	ld			0.027	0.02
RSAL2-40B	K0806357	SW 846 6020	SO	Thallium	0.334	mg/kg		J	ld			0.098	0.04
SA180-10B	R2844666	SW 846 8270C	SO	Di-N-Butyl phthalate	1000	ug/kg		J	m,l,ld	46	30		
SA87-0.5B	R2844666	Lloyd Kahn	SO	Total Organic Carbon	1940	mg/kg		J	ld			380	300
SA87-10B	R2844666	Lloyd Kahn	SO	Total Organic Carbon	780	mg/kg		J	ld			380	300
SA87-20B	R2844666	Lloyd Kahn	SO	Total Organic Carbon	1800	mg/kg		J	ld			380	300
SA87-25B	R2844666	Lloyd Kahn	SO	Total Organic Carbon	875	mg/kg		J	ld			380	300
RSAN2-10B	R2844862	SW 846 8270C	SO	bis(2-Ethylhexyl)phthalate	110	ug/kg		UJ	bl,m,l,ld	32	30		
RSAI7-10B	R2845025	SW 846 8270C	W	Pyridine	2.0	ug/l		UJ	h,l,ld	91	30		
RSAI7-10B	R2845025	SW 846 8270C	W	Pyridine	2.1	ug/l		UJ	h,l,ld	91	30		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAI2-0.5B	230756	HASL-300	SO	Th-232	1.85	pCi/g		J	ld	33.6	20		
RSAI3-0.5B	230756	HASL-300	SO	Th-232	2.18	pCi/g		J	ld	33.6	20		
RSAJ2-0.5B	230756	HASL-300	SO	Th-232	0.997	pCi/g		J	ld	33.6	20		
RSAJ3-0.5B	230756	HASL-300	SO	Th-232	1.17	pCi/g		J	ld	33.6	20		
RSAJ5-0.5B	230756	HASL-300	SO	Th-232	0.741	pCi/g		J	ld	33.6	20		
RSAJ6-0.5B	230756	HASL-300	SO	Th-232	1.21	pCi/g		J	ld	33.6	20		
RSAK5-0.5B	230756	HASL-300	SO	Th-232	1.61	pCi/g		J	ld	33.6	20		
RSAK6-0.5B	230756	HASL-300	SO	Th-232	1.52	pCi/g		J	ld	33.6	20		
RSAL3-0.5B	230756	HASL-300	SO	Th-232	1.54	pCi/g		J	ld	33.6	20		
RSAM2-0.5B	230756	HASL-300	SO	Th-232	2.07	pCi/g		J	ld	33.6	20		
RSAM3-0.5B	230756	HASL-300	SO	Th-232	1.87	pCi/g		J	ld	33.6	20		
SA100-0.5B	230756	HASL-300	SO	Th-232	1.53	pCi/g		J	ld	33.6	20		
SA127-0.5B	230756	HASL-300	SO	Th-232	1.38	pCi/g		J	ld	33.6	20		
SA152-0.5B	230756	HASL-300	SO	Th-232	2.11	pCi/g		J	ld	33.6	20		
SA152009-0.5B	230756	HASL-300	SO	Th-232	2.16	pCi/g		J	ld	33.6	20		
SA189-0.5B	230756	HASL-300	SO	Th-232	2.52	pCi/g		J	ld	33.6	20		
SA202-0.5B	230756	HASL-300	SO	Th-232	1.41	pCi/g		J	ld	33.6	20		
SA76-0.5B	230756	HASL-300	SO	Th-232	1.88	pCi/g		J	ld	33.6	20		
SA76009-0.5B	230756	HASL-300	SO	Th-232	1.66	pCi/g		J	ld	33.6	20		
SA88-0.5B	230756	HASL-300	SO	Th-232	1.75	pCi/g		J	ld	33.6	20		
RSA03-0.5B	231217	EPA 903.1 mod	SO	Ra-226	1.36	pCi/g		J	ld			0.610	0.5
RSA03-0.5B	231217	HASL-300	SO	Th-232	1.72	pCi/g		J	ld	24.3	20		
RSAK4-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.568	pCi/g		J	ld			0.610	0.5
RSAK4-0.5B	231217	HASL-300	SO	Th-232	1.65	pCi/g		J	ld	24.3	20		
RSAK4009-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.433	pCi/g		UJ	bl,ld			0.610	0.5
RSAK4009-0.5B	231217	HASL-300	SO	Th-232	1.47	pCi/g		J	ld	24.3	20		
RSAK8-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.979	pCi/g		J	ld			0.610	0.5
RSAK8-0.5B	231217	HASL-300	SO	Th-232	1.73	pCi/g		J	ld	24.3	20		
RSAL7-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.447	pCi/g		UJ	bl,ld			0.610	0.5
RSAL7-0.5B	231217	HASL-300	SO	Th-232	1.47	pCi/g		J	ld	24.3	20		
RSAL8-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.678	pCi/g		J	ld			0.610	0.5
RSAL8-0.5B	231217	HASL-300	SO	Th-232	1.54	pCi/g		J	ld	24.3	20		
SA134-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.527	pCi/g		J	ld			0.610	0.5
SA134-0.5B	231217	HASL-300	SO	Th-232	1.34	pCi/g		J	ld	24.3	20		
SA166-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.254	pCi/g		UJ	bl,ld			0.610	0.5
SA166-0.5B	231217	HASL-300	SO	Th-232	1.56	pCi/g		J	ld	24.3	20		
SA176-0.5B	231217	EPA 903.1 mod	SO	Ra-226	1.18	pCi/g		J	ld			0.610	0.5
SA176-0.5B	231217	HASL-300	SO	Th-232	1.66	pCi/g		J	ld	24.3	20		
SA182-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.540	pCi/g		J	ld			0.610	0.5
SA182-0.5B	231217	HASL-300	SO	Th-232	0.684	pCi/g		J	ld	24.3	20		
SA201-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.0433	pCi/g	U	UJ	ld			0.610	0.5

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA201-0.5B	231217	HASL-300	SO	Th-232	1.65	pCi/g		J	ld	24.3	20		
SA35-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.721	pCi/g		J	ld			0.610	0.5
SA35-0.5B	231217	HASL-300	SO	Th-232	1.70	pCi/g		J	ld	24.3	20		
SA55-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.657	pCi/g		J	ld			0.610	0.5
SA55-0.5B	231217	HASL-300	SO	Th-232	1.76	pCi/g		J	ld	24.3	20		
SA56-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.197	pCi/g	U	UJ	ld			0.610	0.5
SA56-0.5B	231217	HASL-300	SO	Th-232	1.19	pCi/g		J	ld	24.3	20		
SA85-0.5B	231217	EPA 903.1 mod	SO	Ra-226	0.952	pCi/g		J	ld			0.610	0.5
SA85-0.5B	231217	HASL-300	SO	Th-232	1.89	pCi/g		J	ld	24.3	20		
RSAI3-10B	232395	HASL-300	SO	Th-230	1.48	pCi/g		J	ld	46.4	20		
RSAI3-10B	232395	HASL-300	SO	U-234	1.99	pCi/g		J	ld	36.3	20		
RSAI3-20B	232395	HASL-300	SO	Th-230	10.8	pCi/g		J	ld	46.4	20		
RSAI3-20B	232395	HASL-300	SO	U-234	14.3	pCi/g		J	ld	36.3	20		
RSAI3-32B	232395	HASL-300	SO	Th-230	1.56	pCi/g		J	ld	46.4	20		
RSAI3-32B	232395	HASL-300	SO	U-234	1.37	pCi/g		J	ld	36.3	20		
SA201009-28B	232395	HASL-300	SO	Th-230	2.29	pCi/g		J	ld	46.4	20		
SA201009-28B	232395	HASL-300	SO	U-234	2.06	pCi/g		J	ld	36.3	20		
SA201-10B	232395	HASL-300	SO	Th-230	1.27	pCi/g		J	ld	46.4	20		
SA201-10B	232395	HASL-300	SO	U-234	1.04	pCi/g		J	ld	36.3	20		
SA201-28B	232395	HASL-300	SO	Th-230	2.22	pCi/g		J	ld	46.4	20		
SA201-28B	232395	HASL-300	SO	U-234	2.03	pCi/g		J	ld	36.3	20		
SA202-10B	232395	HASL-300	SO	Th-230	1.11	pCi/g		J	ld	46.4	20		
SA202-10B	232395	HASL-300	SO	U-234	1.35	pCi/g		J	ld	36.3	20		
SA202-28B	232395	HASL-300	SO	Th-230	2.19	pCi/g		J	ld	46.4	20		
SA202-28B	232395	HASL-300	SO	U-234	2.30	pCi/g		J	ld	36.3	20		
RSAI2009-10B	232528	HASL-300	SO	Th-228	2.05	pCi/g		J	ld	30.0	20		
RSAI2009-10B	232528	HASL-300	SO	U-235	0.0454	pCi/g		J	ld			0.0449	0.04
RSAI2-10B	232528	HASL-300	SO	Th-228	1.47	pCi/g		J	ld	30.0	20		
RSAI2-10B	232528	HASL-300	SO	U-235	0.0545	pCi/g		J	ld			0.0449	0.04
RSAI2-20B	232528	HASL-300	SO	Th-228	1.36	pCi/g		J	ld	30.0	20		
RSAI2-20B	232528	HASL-300	SO	U-235	0.0895	pCi/g		J	ld			0.0449	0.04
RSAI2-31B	232528	HASL-300	SO	Th-228	0.934	pCi/g		J	ld	30.0	20		
RSAI2-31B	232528	HASL-300	SO	U-235	0.0927	pCi/g		J	ld			0.0449	0.04
RSAJ2009-33B	232528	HASL-300	SO	Th-228	1.69	pCi/g		J	ld	30.0	20		
RSAJ2009-33B	232528	HASL-300	SO	U-235	0.115	pCi/g		J	ld			0.0449	0.04
RSAJ2-10B	232528	HASL-300	SO	Th-228	2.65	pCi/g		J	ld	30.0	20		
RSAJ2-10B	232528	HASL-300	SO	U-235	0.0471	pCi/g		J	ld			0.0449	0.04
RSAJ2-20B	232528	HASL-300	SO	Th-228	1.61	pCi/g		J	ld	30.0	20		
RSAJ2-20B	232528	HASL-300	SO	U-235	0.0854	pCi/g		J	ld			0.0449	0.04
RSAJ2-33B	232528	HASL-300	SO	Th-228	1.56	pCi/g		J	ld	30.0	20		
RSAJ2-33B	232528	HASL-300	SO	U-235	0.0935	pCi/g		J	ld			0.0449	0.04

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA152-10B	232528	HASL-300	SO	Th-228	1.89	pCi/g		J	ld	30.0	20		
SA152-10B	232528	HASL-300	SO	U-235	0.0512	pCi/g		J	ld			0.0449	0.04
SA152-20B	232528	HASL-300	SO	Th-228	2.43	pCi/g		J	ld	30.0	20		
SA152-20B	232528	HASL-300	SO	U-235	0.0685	pCi/g		J	ld			0.0449	0.04
SA152-34B	232528	HASL-300	SO	Th-228	1.84	pCi/g		J	ld	30.0	20		
SA152-34B	232528	HASL-300	SO	U-235	0.0857	pCi/g		J	ld			0.0449	0.04
SA82-0.5B	232528	HASL-300	SO	Th-228	2.84	pCi/g		J	ld	30.0	20		
SA82-0.5B	232528	HASL-300	SO	U-235	0.0712	pCi/g		J	ld			0.0449	0.04
SA82-10B	232528	HASL-300	SO	Th-228	2.08	pCi/g		J	ld	30.0	20		
SA82-10B	232528	HASL-300	SO	U-235	0.0779	pCi/g		J	ld			0.0449	0.04
RSAL3-0.5B	232727	HASL-300	SO	Th-232	1.52	pCi/g		J	ld	23.4	20		
RSAL3-10B	232727	HASL-300	SO	Th-232	1.42	pCi/g		J	ld	23.4	20		
RSAL3-20B	232727	HASL-300	SO	Th-232	1.13	pCi/g		J	ld	23.4	20		
RSAL3-31B	232727	HASL-300	SO	Th-232	1.72	pCi/g		J	ld	23.4	20		
RSAL3-10B	232727	HASL-300	SO	Th-232	1.45	pCi/g		J	ld	23.4	20		
RSAL3-30B	232727	HASL-300	SO	Th-232	1.54	pCi/g		J	ld	23.4	20		
SA134009-31B	232727	HASL-300	SO	Th-232	1.17	pCi/g		J	ld	23.4	20		
SA134-20B	232727	HASL-300	SO	Th-232	1.64	pCi/g		J	ld	23.4	20		
SA134-31B	232727	HASL-300	SO	Th-232	1.57	pCi/g		J	ld	23.4	20		
SA82-29B	232727	HASL-300	SO	Th-232	0.978	pCi/g		J	ld	23.4	20		
SA88-10B	232727	HASL-300	SO	Th-232	1.77	pCi/g		J	ld	23.4	20		
SA88-20B	232727	HASL-300	SO	Th-232	0.481	pCi/g		J	ld	23.4	20		
SA88-32B	232727	HASL-300	SO	Th-232	1.42	pCi/g		J	ld	23.4	20		
RSAL4-10B	232860	EPA 903.1 mod	SO	Ra-226	0.836	pCi/g		J	ld			0.560	0.5
RSAL4-20B	232860	EPA 903.1 mod	SO	Ra-226	0.692	pCi/g		J	ld			0.560	0.5
RSAL4-31B	232860	EPA 903.1 mod	SO	Ra-226	1.27	pCi/g		J	ld			0.560	0.5
RSAL4-0.5B	232860	EPA 903.1 mod	SO	Ra-226	0.497	pCi/g		J	ld			0.560	0.5
RSAL4009-0.5B	232860	EPA 903.1 mod	SO	Ra-226	0.564	pCi/g		J	ld			0.560	0.5
RSAL4-10B	232860	EPA 903.1 mod	SO	Ra-226	2.11	pCi/g		J	ld			0.560	0.5
RSAL4-28B	232860	EPA 903.1 mod	SO	Ra-226	1.54	pCi/g		J	ld			0.560	0.5
RSAM4-0.5B	232860	EPA 903.1 mod	SO	Ra-226	0.254	pCi/g		UJ	be,ld			0.560	0.5
RSAM4-10B	232860	EPA 903.1 mod	SO	Ra-226	0.852	pCi/g		J	ld			0.560	0.5
RSAM4-30B	232860	EPA 903.1 mod	SO	Ra-226	0.967	pCi/g		J	ld			0.560	0.5
SA100-10B	232860	EPA 903.1 mod	SO	Ra-226	1.26	pCi/g		J	ld			0.560	0.5
SA100-30B	232860	EPA 903.1 mod	SO	Ra-226	0.926	pCi/g		J	ld			0.560	0.5
SA134-10B	232860	EPA 903.1 mod	SO	Ra-226	0.917	pCi/g		J	ld			0.560	0.5
SA206-0.5B	232860	EPA 903.1 mod	SO	Ra-226	0.497	pCi/g		J	ld			0.560	0.5
SA206-10B	232860	EPA 903.1 mod	SO	Ra-226	3.13	pCi/g		J	ld			0.560	0.5
SA206-25B	232860	EPA 903.1 mod	SO	Ra-226	1.01	pCi/g		J	ld			0.560	0.5
SA206-30B	232860	EPA 903.1 mod	SO	Ra-226	1.49	pCi/g		J	ld			0.560	0.5
SA69-0.5B	232860	EPA 903.1 mod	SO	Ra-226	0.583	pCi/g		J	ld			0.560	0.5

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA69-10B	232860	EPA 903.1 mod	SO	Ra-226	1.10	pCi/g		J	ld			0.560	0.5
SA69-29B	232860	EPA 903.1 mod	SO	Ra-226	0.956	pCi/g		J	ld			0.560	0.5
RSA03009-20B	233309	EPA 903.1 mod	SO	Ra-226	3.17	pCi/g		J	ld			0.87	0.5
RSA03009-20B	233309	HASL-300	SO	Th-228	0.939	pCi/g		J	ld	23.4	20		
RSA03-10B	233309	EPA 903.1 mod	SO	Ra-226	0.555	pCi/g		J	ld			0.87	0.5
RSA03-10B	233309	HASL-300	SO	Th-228	1.67	pCi/g		J	ld	23.4	20		
RSA03-20B	233309	EPA 903.1 mod	SO	Ra-226	3.69	pCi/g		J	ld			0.87	0.5
RSA03-20B	233309	HASL-300	SO	Th-228	0.985	pCi/g		J	ld	23.4	20		
RSAM3-10B	233309	EPA 903.1 mod	SO	Ra-226	0.515	pCi/g		J	ld			0.87	0.5
RSAM3-10B	233309	HASL-300	SO	Th-228	1.30	pCi/g		J	ld	23.4	20		
RSAM3-30B	233309	EPA 903.1 mod	SO	Ra-226	1.26	pCi/g		J	ld			0.87	0.5
RSAM3-30B	233309	HASL-300	SO	Th-228	1.50	pCi/g		J	ld	23.4	20		
SA176009-37B	233309	EPA 903.1 mod	SO	Ra-226	1.53	pCi/g		J	ld			0.87	0.5
SA176009-37B	233309	HASL-300	SO	Th-228	1.26	pCi/g		J	ld	23.4	20		
SA176-10B	233309	EPA 903.1 mod	SO	Ra-226	0.693	pCi/g		J	ld			0.87	0.5
SA176-10B	233309	HASL-300	SO	Th-228	1.68	pCi/g		J	ld	23.4	20		
SA176-25B	233309	EPA 903.1 mod	SO	Ra-226	1.69	pCi/g		J	ld			0.87	0.5
SA176-25B	233309	HASL-300	SO	Th-228	0.868	pCi/g		J	ld	23.4	20		
SA176-37B	233309	EPA 903.1 mod	SO	Ra-226	1.63	pCi/g		J	ld			0.87	0.5
SA176-37B	233309	HASL-300	SO	Th-228	1.60	pCi/g		J	ld	23.4	20		
SA35009-32B	233309	EPA 903.1 mod	SO	Ra-226	1.37	pCi/g		J	ld			0.87	0.5
SA35009-32B	233309	HASL-300	SO	Th-232	1.85	pCi/g		J	ld	24.2	20		
SA55-25B	233309	EPA 903.1 mod	SO	Ra-226	3.16	pCi/g		J	ld			0.87	0.5
SA55-25B	233309	HASL-300	SO	Th-228	1.62	pCi/g		J	ld	23.4	20		
SA55-35B	233309	EPA 903.1 mod	SO	Ra-226	1.17	pCi/g		J	ld			0.87	0.5
SA55-35B	233309	HASL-300	SO	Th-228	1.42	pCi/g		J	ld	23.4	20		
SA74-0.5B	233309	EPA 903.1 mod	SO	Ra-226	0.842	pCi/g		J	ld,fd			0.87	0.5
SA74-0.5B	233309	HASL-300	SO	Th-228	1.77	pCi/g		J	ld	23.4	20		
SA74009-0.5B	233309	EPA 903.1 mod	SO	Ra-226	0.288	pCi/g		J	ld,fd			0.87	0.5
SA74009-0.5B	233309	HASL-300	SO	Th-228	2.28	pCi/g		J	ld	23.4	20		
SA74-10B	233309	EPA 903.1 mod	SO	Ra-226	2.01	pCi/g		J	ld			0.87	0.5
SA74-10B	233309	HASL-300	SO	Th-228	1.60	pCi/g		J	ld	23.4	20		
SA74-29B	233309	EPA 903.1 mod	SO	Ra-226	1.32	pCi/g		J	ld			0.87	0.5
SA74-29B	233309	HASL-300	SO	Th-228	1.54	pCi/g		J	ld	23.4	20		
RSAM3-10BSPLP	233415	HASL-300 TH MOD	W	Th-230	-0.0309	pCi/L	U	UJ	ld			0.0547	0.03
RSAM3-10BSPLP	233415	HASL-300 U MOD	W	U-234	0.192	pCi/L		J	ld			0.116	0.03
RSAJ6-10B	233612	EPA 903.1 mod	SO	Ra-226	0.967	pCi/g		J	ld			0.65	0.5
RSAJ6-19B	233612	EPA 903.1 mod	SO	Ra-226	1.20	pCi/g		J	ld			0.65	0.5
RS AK6-10B	233612	EPA 903.1 mod	SO	Ra-226	1.02	pCi/g		J	ld			0.65	0.5
RS AK6-24B	233612	EPA 903.1 mod	SO	Ra-226	2.14	pCi/g		J	ld			0.65	0.5
SA166-10B	233612	EPA 903.1 mod	SO	Ra-226	1.04	pCi/g		J	ld			0.65	0.5

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA166-20B	233612	EPA 903.1 mod	SO	Ra-226	1.08	pCi/g		J	ld			0.65	0.5
SA166-31B	233612	EPA 903.1 mod	SO	Ra-226	1.27	pCi/g		J	ld			0.65	0.5
SA55-10B	233612	EPA 903.1 mod	SO	Ra-226	0.604	pCi/g		J	ld			0.65	0.5
SA55-25B	233612	EPA 903.1 mod	SO	Ra-226	2.00	pCi/g		J	ld			0.65	0.5
SA55-35B	233612	EPA 903.1 mod	SO	Ra-226	0.0413	pCi/g	U	UJ	ld			0.65	0.5
SA56-10B	233612	EPA 903.1 mod	SO	Ra-226	0.945	pCi/g		J	ld			0.65	0.5
SA56-25B	233612	EPA 903.1 mod	SO	Ra-226	1.08	pCi/g		J	ld			0.65	0.5
SA56-37B	233612	EPA 903.1 mod	SO	Ra-226	0.983	pCi/g		J	ld			0.65	0.5
SA75-0.5B	233612	EPA 903.1 mod	SO	Ra-226	0.636	pCi/g		J	ld			0.65	0.5
SA75-10B	233612	EPA 903.1 mod	SO	Ra-226	0.775	pCi/g		J	ld			0.65	0.5
SA75-28B	233612	EPA 903.1 mod	SO	Ra-226	0.992	pCi/g		J	ld			0.65	0.5
SA76-10B	233612	EPA 903.1 mod	SO	Ra-226	1.54	pCi/g		J	ld			0.65	0.5
SA76-20B	233612	EPA 903.1 mod	SO	Ra-226	1.90	pCi/g		J	ld			0.65	0.5
RSAH3-0.5B	233960	HASL-300	SO	Th-230	1.29	pCi/g		J	ld	29.8	20		
RSAH3009-0.5B	233960	HASL-300	SO	Th-230	1.12	pCi/g		J	ld	29.8	20		
RSAH3-10B	233960	HASL-300	SO	Th-230	1.34	pCi/g		J	ld	29.8	20		
RSAH3-20B	233960	HASL-300	SO	Th-230	5.41	pCi/g		J	ld	29.8	20		
RSAH3-32B	233960	HASL-300	SO	Th-230	1.37	pCi/g		J	ld	29.8	20		
RSAI5-0.5B	233960	HASL-300	SO	Th-230	1.31	pCi/g		J	ld	29.8	20		
SA182-10B	233960	HASL-300	SO	Th-230	0.852	pCi/g		J	ld	29.8	20		
SA182-25B	233960	HASL-300	SO	Th-230	3.39	pCi/g		J	ld	29.8	20		
SA182-38B	233960	HASL-300	SO	Th-230	2.59	pCi/g		J	ld	29.8	20		
RSAJ3-10B	234414	EPA 904.0 mod	SO	Ra-228	1.73	pCi/g		J	ld			0.61	0.5
RSAJ3-29B	234414	EPA 904.0 mod	SO	Ra-228	1.06	pCi/g		J	ld			0.61	0.5
SA127-10B	234414	EPA 904.0 mod	SO	Ra-228	1.82	pCi/g		J	ld			0.61	0.5
SA127-10B-berm	234414	EPA 904.0 mod	SO	Ra-228	2.15	pCi/g		J	ld			0.61	0.5
SA127-20B	234414	EPA 904.0 mod	SO	Ra-228	1.85	pCi/g		J	ld			0.61	0.5
SA127-32B	234414	EPA 904.0 mod	SO	Ra-228	2.99	pCi/g		J	ld			0.61	0.5
SA127-5B-berm	234414	EPA 904.0 mod	SO	Ra-228	1.77	pCi/g		J	ld			0.61	0.5
RSAL7-10B	234654	HASL-300	SO	Th-228	1.82	pCi/g		J	ld	36.5	20		
RSAL7-27B	234654	HASL-300	SO	Th-228	1.95	pCi/g		J	ld	36.5	20		
RSA12-0.5B	R0903051	EPA 300.1M	SO	Chlorate	573	ug/kg		J	ld	34	20		
RSAI3-0.5B	R0903051	EPA 300.1M	SO	Chlorate	1610	ug/kg		J	ld	34	20		
RSAJ2-0.5B	R0903051	EPA 300.1M	SO	Chlorate	1690000	ug/kg		J	ld	34	20		
RSAJ3-0.5B	R0903051	EPA 300.1M	SO	Chlorate	2180	ug/kg		J	ld,s	34	20		
RSAJ5-0.5B	R0903051	EPA 300.1M	SO	Chlorate	9680	ug/kg		J	ld	34	20		
RSAL5-0.5B	R0903051	EPA 300.1M	SO	Chlorate	2400	ug/kg		J	ld	34	20		
RSAL3-0.5B	R0903051	EPA 300.1M	SO	Chlorate	355	ug/kg		J	ld	34	20		
RSAM2-0.5B	R0903051	EPA 300.1M	SO	Chlorate	1260	ug/kg		J	ld	34	20		
RSAM3-0.5B	R0903051	EPA 300.1M	SO	Chlorate	87.0	ug/kg	J	J	ld,sp	34	20		
SA100-0.5B	R0903051	EPA 300.1M	SO	Chlorate	561	ug/kg		J	ld	34	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA152-0.5B	R0903051	EPA 300.1M	SO	Chlorate	414	ug/kg		J	ld	34	20		
SA152009-0.5B	R0903051	EPA 300.1M	SO	Chlorate	366	ug/kg		J	ld	34	20		
SA189-0.5B	R0903051	EPA 300.1M	SO	Chlorate	227	ug/kg		J	ld	34	20		
SA202-0.5B	R0903051	EPA 300.1M	SO	Chlorate	26200	ug/kg		J	ld	34	20		
SA76-0.5B	R0903051	EPA 300.1M	SO	Chlorate	930000	ug/kg		J	ld	34	20		
SA76009-0.5B	R0903051	EPA 300.1M	SO	Chlorate	832000	ug/kg		J	ld	34	20		
SA88-0.5B	R0903051	EPA 300.1M	SO	Chlorate	23700	ug/kg		J	ld	34	20		
RSAJ6-0.5B	R0903184	SW6010	SO	Calcium	34700	mg/kg		J	ld	22.8	20		
RSAK4-0.5B	R0903184	SW 846 8081	SO	Endrin Aldehyde	18	ug/kg	U	UJ	l,ld	34	30		
RSAK4-0.5B	R0903184	SW6010	SO	Calcium	16300	mg/kg		J	ld	22.8	20		
RSAK4009-0.5B	R0903184	SW 846 8081	SO	Endrin Aldehyde	86	ug/kg	U	UJ	l,ld	34	30		
RSAK4009-0.5B	R0903184	SW6010	SO	Calcium	22100	mg/kg		J	ld	22.8	20		
RSAK6-0.5B	R0903184	SW6010	SO	Calcium	18000	mg/kg		J	ld	22.8	20		
RSAK8-0.5B	R0903184	SW6010	SO	Calcium	48600	mg/kg		J	ld	22.8	20		
RSAL7-0.5B	R0903184	SW6010	SO	Calcium	13700	mg/kg		J	ld	22.8	20		
RSAL8-0.5B	R0903184	SW6010	SO	Calcium	17500	mg/kg		J	ld	22.8	20		
RSAO3-0.5B	R0903184	SW6010	SO	Calcium	19800	mg/kg		J	ld	22.8	20		
SA127-0.5B	R0903184	SW6010	SO	Calcium	29500	mg/kg		J	ld	22.8	20		
SA134-0.5B	R0903184	SW6010	SO	Calcium	29100	mg/kg		J	ld	22.8	20		
SA166-0.5B	R0903184	SW 846 8081	SO	Endrin Aldehyde	18	ug/kg	U	UJ	l,ld	34	30		
SA166-0.5B	R0903184	SW6010	SO	Calcium	16000	mg/kg		J	ld	22.8	20		
SA176-0.5B	R0903184	SW6010	SO	Calcium	24400	mg/kg		J	ld	22.8	20		
SA182-0.5B	R0903184	SW6010	SO	Calcium	79900	mg/kg		J	ld	22.8	20		
SA201-0.5B	R0903184	SW6010	SO	Calcium	27800	mg/kg		J	ld	22.8	20		
SA35-0.5B	R0903184	SW6010	SO	Calcium	12400	mg/kg		J	ld	22.8	20		
SA55-0.5B	R0903184	SW6010	SO	Calcium	35300	mg/kg		J	ld	22.8	20		
SA56-0.5B	R0903184	SW6010	SO	Calcium	25100	mg/kg		J	ld	22.8	20		
SA85-0.5B	R0903340	SW 846 9056	SO	Chloride	623	mg/kg		J	bf,m,ld	21	20		
SA85-0.5B	R0903340	SW 846 9056	SO	Nitrate (as N)	57.4	mg/kg		J	bf,m,ld	21	20		
SA85-0.5B	R0903340	SW 846 9056	SO	Sulfate	645	mg/kg		J	ld	27	20		
RSAI2009-10B	R0903584	EPA 314.0M	SO	Perchlorate	470	ug/kg		J	ld	21	20		
RSAI2009-10B	R0903584	SW6010	SO	Calcium	33600	mg/kg	*	J	ld	58.5	20		
RSAI2-10B	R0903584	EPA 314.0M	SO	Perchlorate	375	ug/kg		J	ld	21	20		
RSAI2-10B	R0903584	SW6010	SO	Calcium	24800	mg/kg	*	J	ld	58.5	20		
RSAI2-20B	R0903584	EPA 314.0M	SO	Perchlorate	44	ug/kg	U	UJ	ld	21	20		
RSAI2-20B	R0903584	SW6010	SO	Calcium	47500	mg/kg	*	J	ld	58.5	20		
RSAI2-31B	R0903584	EPA 314.0M	SO	Perchlorate	312	ug/kg		J	ld	21	20		
RSAI2-31B	R0903584	SW6010	SO	Calcium	264000	mg/kg	*	J	ld	58.5	20		
RSAI3-10B	R0903584	EPA 314.0M	SO	Perchlorate	10800	ug/kg		J	ld	21	20		
RSAI3-10B	R0903584	SW6010	SO	Calcium	24300	mg/kg	*	J	ld	58.5	20		
RSAI3-20B	R0903584	EPA 314.0M	SO	Perchlorate	15300	ug/kg		J	ld	21	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAI3-20B	R0903584	SW6010	SO	Calcium	46400	mg/kg	*	J	ld	58.5	20		
RSAI3-32B	R0903584	EPA 314.0M	SO	Perchlorate	31400	ug/kg		J	ld	21	20		
RSAI3-32B	R0903584	SW6010	SO	Calcium	14300	mg/kg	*	J	ld	58.5	20		
RSAJ2009-10B	R0903584	SW6010	SO	Calcium	51800	mg/kg	*	J	ld	58.5	20		
RSAJ2009-33B	R0903584	EPA 314.0M	SO	Perchlorate	71	ug/kg	U	UJ	ld	21	20		
RSAJ2-10B	R0903584	EPA 314.0M	SO	Perchlorate	156000	ug/kg		J	ld	21	20		
RSAJ2-10B	R0903584	SW6010	SO	Calcium	31200	mg/kg	*	J	ld	58.5	20		
RSAJ2-20B	R0903584	EPA 314.0M	SO	Perchlorate	2190	ug/kg		J	ld	21	20		
RSAJ2-20B	R0903584	SW6010	SO	Calcium	57300	mg/kg	*	J	ld	58.5	20		
RSAJ2-33B	R0903584	EPA 314.0M	SO	Perchlorate	68	ug/kg	U	UJ	ld	21	20		
RSAJ2-33B	R0903584	SW6010	SO	Calcium	45400	mg/kg	*	J	ld	58.5	20		
SA202-10B	R0903584	EPA 314.0M	SO	Perchlorate	11200	ug/kg		J	ld	21	20		
SA202-10B	R0903584	SW6010	SO	Calcium	44600	mg/kg	*	J	ld	58.5	20		
SA202-28B	R0903584	EPA 314.0M	SO	Perchlorate	2010	ug/kg		J	ld	21	20		
SA202-28B	R0903584	SW6010	SO	Calcium	15400	mg/kg	*	J	ld	58.5	20		
RSAK4-10B	R0903729	SW6010	SO	Calcium	31100	mg/kg	*	J	ld,sd	77.4	20		
RSAK4-10B	R0903729	SW6010	SO	Nickel	14.3	mg/kg		J	ld,sd	23.8	20		
RSAK4-10B	R0903729	SW6010	SO	Zinc	33.1	mg/kg		J	ld,sd	20.1	20		
RSAK4-20B	R0903729	SW6010	SO	Calcium	61100	mg/kg	*	J	ld,sd	77.4	20		
RSAK4-20B	R0903729	SW6010	SO	Nickel	9.53	mg/kg		J	ld,sd	23.8	20		
RSAK4-20B	R0903729	SW6010	SO	Zinc	20.1	mg/kg		J	ld,sd	20.1	20		
RSAK4-31B	R0903729	SW6010	SO	Calcium	37500	mg/kg	*	J	ld,sd	77.4	20		
RSAK4-31B	R0903729	SW6010	SO	Nickel	14.8	mg/kg		J	ld,sd	23.8	20		
RSAK4-31B	R0903729	SW6010	SO	Zinc	43.8	mg/kg		J	ld,sd	20.1	20		
RSAL4-0.5B	R0903729	SW6010	SO	Calcium	23600	mg/kg	*	J	ld,sd	77.4	20		
RSAL4-0.5B	R0903729	SW6010	SO	Nickel	14.9	mg/kg		J	ld,sd	23.8	20		
RSAL4-0.5B	R0903729	SW6010	SO	Zinc	34.4	mg/kg		J	ld,sd	20.1	20		
RSAL4009-0.5B	R0903729	SW6010	SO	Calcium	16100	mg/kg	*	J	ld,sd	77.4	20		
RSAL4009-0.5B	R0903729	SW6010	SO	Nickel	22	mg/kg		J	ld,sd	23.8	20		
RSAL4009-0.5B	R0903729	SW6010	SO	Zinc	32.2	mg/kg		J	ld,sd	20.1	20		
RSAL4-10B	R0903729	SW6010	SO	Calcium	60500	mg/kg	*	J	ld,sd	77.4	20		
RSAL4-10B	R0903729	SW6010	SO	Nickel	11.3	mg/kg		J	ld,sd	23.8	20		
RSAL4-10B	R0903729	SW6010	SO	Zinc	24.2	mg/kg		J	ld,sd	20.1	20		
RSAL4-28B	R0903729	SW6010	SO	Calcium	29100	mg/kg	*	J	ld,sd	77.4	20		
RSAL4-28B	R0903729	SW6010	SO	Nickel	16.5	mg/kg		J	ld,sd	23.8	20		
RSAL4-28B	R0903729	SW6010	SO	Zinc	53.4	mg/kg		J	ld,sd	20.1	20		
SA100-10B	R0903729	SW6010	SO	Calcium	31100	mg/kg	*	J	ld,sd	77.4	20		
SA100-10B	R0903729	SW6010	SO	Nickel	13.9	mg/kg		J	ld,sd	23.8	20		
SA100-10B	R0903729	SW6010	SO	Zinc	31.8	mg/kg		J	ld,sd	20.1	20		
SA100-30B	R0903729	SW6010	SO	Calcium	11100	mg/kg	*	J	ld,sd	77.4	20		
SA100-30B	R0903729	SW6010	SO	Nickel	13.1	mg/kg		J	ld,sd	23.8	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA100-30B	R0903729	SW6010	SO	Zinc	39.2	mg/kg		J	ld,sd	20.1	20		
SA206-0.5B	R0903729	SW6010	SO	Calcium	20500	mg/kg	*	J	ld,sd	77.4	20		
SA206-0.5B	R0903729	SW6010	SO	Nickel	13.2	mg/kg		J	ld,sd	23.8	20		
SA206-0.5B	R0903729	SW6010	SO	Zinc	37.4	mg/kg		J	ld,sd	20.1	20		
SA206-10B	R0903729	SW6010	SO	Calcium	41500	mg/kg	*	J	ld,sd	77.4	20		
SA206-10B	R0903729	SW6010	SO	Nickel	11.7	mg/kg		J	ld,sd	23.8	20		
SA206-10B	R0903729	SW6010	SO	Zinc	26.1	mg/kg		J	ld,sd	20.1	20		
SA206-25B	R0903729	SW6010	SO	Calcium	105000	mg/kg	*	J	ld,sd	77.4	20		
SA206-25B	R0903729	SW6010	SO	Nickel	12.7	mg/kg		J	ld,sd	23.8	20		
SA206-25B	R0903729	SW6010	SO	Zinc	36.5	mg/kg		J	ld,sd	20.1	20		
SA206-30B	R0903729	SW6010	SO	Calcium	114000	mg/kg	*	J	ld,sd	77.4	20		
SA206-30B	R0903729	SW6010	SO	Nickel	11.5	mg/kg		J	ld,sd	23.8	20		
SA206-30B	R0903729	SW6010	SO	Zinc	40.7	mg/kg		J	ld,sd	20.1	20		
SA69-0.5B	R0903729	SW6010	SO	Calcium	39100	mg/kg	*	J	ld,sd	77.4	20		
SA69-0.5B	R0903729	SW6010	SO	Nickel	14.5	mg/kg		J	ld,sd	23.8	20		
SA69-0.5B	R0903729	SW6010	SO	Zinc	33.5	mg/kg		J	ld,sd	20.1	20		
SA69-10B	R0903729	SW6010	SO	Calcium	45900	mg/kg	*	J	ld,sd	77.4	20		
SA69-10B	R0903729	SW6010	SO	Nickel	14.4	mg/kg		J	ld,sd	23.8	20		
SA69-10B	R0903729	SW6010	SO	Zinc	31.8	mg/kg		J	ld,sd	20.1	20		
SA69-29B	R0903729	SW6010	SO	Calcium	27500	mg/kg	*	J	ld,sd	77.4	20		
SA69-29B	R0903729	SW6010	SO	Nickel	12.9	mg/kg		J	ld,sd	23.8	20		
SA69-29B	R0903729	SW6010	SO	Zinc	39.1	mg/kg		J	ld,sd	20.1	20		
RSAM4-0.5B	R0903820	SW6010	SO	Calcium	33900	mg/kg		J	ld	22.3	20		
RSAM4-0.5B	R0903820	SW6010	SO	Lead	11.9	mg/kg		J	ld			2.6	2.1
RSAM4-0.5B	R0903820	SW6010	SO	Manganese	448	mg/kg		J	ld	22.2	20		
RSAM4-0.5B	R0903820	SW6010	SO	Titanium	770	mg/kg	N	J	m,ld	23.8	20		
RSAM4-0.5B	R0903820	SW6010	SO	Vanadium	42.4	mg/kg		J	ld	25.5	20		
RSAM4-0.5B	R0903820	SW6020	SO	Thallium	0.218	mg/kg		J	ld			0.069	0.021
RSAM4-10B	R0903820	SW6010	SO	Calcium	37300	mg/kg		J	ld	22.3	20		
RSAM4-10B	R0903820	SW6010	SO	Lead	7.6	mg/kg		J	ld			2.6	2.1
RSAM4-10B	R0903820	SW6010	SO	Manganese	366	mg/kg		J	ld	22.2	20		
RSAM4-10B	R0903820	SW6010	SO	Titanium	735	mg/kg	N	J	m,ld	23.8	20		
RSAM4-10B	R0903820	SW6010	SO	Vanadium	43.8	mg/kg		J	ld	25.5	20		
RSAM4-10B	R0903820	SW6020	SO	Thallium	0.092	mg/kg		J	ld			0.069	0.021
RSAM4-30B	R0903820	SW6010	SO	Calcium	6480	mg/kg		J	ld	22.3	20		
RSAM4-30B	R0903820	SW6010	SO	Lead	8.1	mg/kg		J	ld			2.6	2.1
RSAM4-30B	R0903820	SW6010	SO	Manganese	135	mg/kg		J	ld	22.2	20		
RSAM4-30B	R0903820	SW6010	SO	Titanium	528	mg/kg	N	J	m,ld	23.8	20		
RSAM4-30B	R0903820	SW6010	SO	Vanadium	29.1	mg/kg		J	ld	25.5	20		
RSAM4-30B	R0903820	SW6020	SO	Thallium	0.16	mg/kg		J	ld			0.069	0.021
RSAN3-0.5B	R0903820	SW6010	SO	Calcium	22000	mg/kg		J	ld	22.3	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAN3-0.5B	R0903820	SW6010	SO	Lead	10.8	mg/kg		J	ld			2.6	2.1
RSAN3-0.5B	R0903820	SW6010	SO	Manganese	439	mg/kg		J	ld	22.2	20		
RSAN3-0.5B	R0903820	SW6010	SO	Titanium	806	mg/kg	N	J	m,ld	23.8	20		
RSAN3-0.5B	R0903820	SW6010	SO	Vanadium	41.6	mg/kg		J	ld	25.5	20		
RSAN3-0.5B	R0903820	SW6020	SO	Thallium	0.124	mg/kg		J	ld			0.069	0.021
RSAN3009-20B	R0903820	SW6010	SO	Calcium	25000	mg/kg		J	ld	22.3	20		
RSAN3009-20B	R0903820	SW6010	SO	Lead	6.9	mg/kg		J	ld			2.6	2.1
RSAN3009-20B	R0903820	SW6010	SO	Manganese	176	mg/kg		J	ld	22.2	20		
RSAN3009-20B	R0903820	SW6010	SO	Titanium	513	mg/kg	N	J	m,ld	23.8	20		
RSAN3009-20B	R0903820	SW6010	SO	Vanadium	35.4	mg/kg		J	ld	25.5	20		
RSAN3009-20B	R0903820	SW6020	SO	Thallium	0.08	mg/kg		J	ld			0.069	0.021
RSAN3-10B	R0903820	SW6010	SO	Calcium	36400	mg/kg		J	ld	22.3	20		
RSAN3-10B	R0903820	SW6010	SO	Lead	8.8	mg/kg		J	ld			2.6	2.1
RSAN3-10B	R0903820	SW6010	SO	Manganese	401	mg/kg		J	ld	22.2	20		
RSAN3-10B	R0903820	SW6010	SO	Titanium	767	mg/kg	N	J	m,ld	23.8	20		
RSAN3-10B	R0903820	SW6010	SO	Vanadium	39.3	mg/kg		J	ld	25.5	20		
RSAN3-10B	R0903820	SW6020	SO	Thallium	0.095	mg/kg		J	ld			0.069	0.021
RSAN3-20B	R0903820	SW6010	SO	Calcium	24100	mg/kg		J	ld	22.3	20		
RSAN3-20B	R0903820	SW6010	SO	Lead	7.3	mg/kg		J	ld			2.6	2.1
RSAN3-20B	R0903820	SW6010	SO	Manganese	188	mg/kg		J	ld	22.2	20		
RSAN3-20B	R0903820	SW6010	SO	Titanium	694	mg/kg	N	J	m,ld	23.8	20		
RSAN3-20B	R0903820	SW6010	SO	Vanadium	44.7	mg/kg		J	ld	25.5	20		
RSAN3-20B	R0903820	SW6020	SO	Thallium	0.083	mg/kg		J	ld			0.069	0.021
RSAN3-32B	R0903820	SW6010	SO	Calcium	3700	mg/kg		J	ld	22.3	20		
RSAN3-32B	R0903820	SW6010	SO	Lead	9.8	mg/kg		J	ld			2.6	2.1
RSAN3-32B	R0903820	SW6010	SO	Manganese	194	mg/kg		J	ld	22.2	20		
RSAN3-32B	R0903820	SW6010	SO	Titanium	756	mg/kg	N	J	m,ld	23.8	20		
RSAN3-32B	R0903820	SW6010	SO	Vanadium	37	mg/kg		J	ld	25.5	20		
RSAN3-32B	R0903820	SW6020	SO	Thallium	0.187	mg/kg		J	ld			0.069	0.021
RSAN4-0.5B	R0903820	SW6010	SO	Calcium	56600	mg/kg		J	ld	22.3	20		
RSAN4-0.5B	R0903820	SW6010	SO	Lead	8.6	mg/kg		J	ld			2.6	2.1
RSAN4-0.5B	R0903820	SW6010	SO	Manganese	397	mg/kg		J	ld	22.2	20		
RSAN4-0.5B	R0903820	SW6010	SO	Titanium	750	mg/kg	N	J	m,ld	23.8	20		
RSAN4-0.5B	R0903820	SW6010	SO	Vanadium	40.1	mg/kg		J	ld	25.5	20		
RSAN4-0.5B	R0903820	SW6020	SO	Thallium	0.094	mg/kg		J	ld			0.069	0.021
RSAN4009-10B	R0903820	SW6010	SO	Calcium	30000	mg/kg		J	ld	22.3	20		
RSAN4009-10B	R0903820	SW6010	SO	Lead	9.2	mg/kg		J	ld			2.6	2.1
RSAN4009-10B	R0903820	SW6010	SO	Manganese	341	mg/kg		J	ld	22.2	20		
RSAN4009-10B	R0903820	SW6010	SO	Titanium	847	mg/kg	N	J	m,ld	23.8	20		
RSAN4009-10B	R0903820	SW6010	SO	Vanadium	45.3	mg/kg		J	ld	25.5	20		
RSAN4009-10B	R0903820	SW6020	SO	Thallium	0.09	mg/kg		J	ld			0.069	0.021

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAN4-10B	R0903820	SW6010	SO	Calcium	28200	mg/kg		J	ld	22.3	20		
RSAN4-10B	R0903820	SW6010	SO	Lead	8.1	mg/kg		J	ld			2.6	2.1
RSAN4-10B	R0903820	SW6010	SO	Manganese	300	mg/kg		J	ld	22.2	20		
RSAN4-10B	R0903820	SW6010	SO	Titanium	757	mg/kg	N	J	m,ld	23.8	20		
RSAN4-10B	R0903820	SW6010	SO	Vanadium	40.9	mg/kg		J	ld	25.5	20		
RSAN4-10B	R0903820	SW6020	SO	Thallium	0.146	mg/kg		J	ld			0.069	0.021
RSAN4-20B	R0903820	SW6010	SO	Calcium	13600	mg/kg		J	ld	22.3	20		
RSAN4-20B	R0903820	SW6010	SO	Lead	6.1	mg/kg		J	ld			2.6	2.1
RSAN4-20B	R0903820	SW6010	SO	Manganese	108	mg/kg		J	ld	22.2	20		
RSAN4-20B	R0903820	SW6010	SO	Titanium	500	mg/kg	N	J	m,ld	23.8	20		
RSAN4-20B	R0903820	SW6010	SO	Vanadium	28.8	mg/kg		J	ld	25.5	20		
RSAN4-20B	R0903820	SW6020	SO	Thallium	0.085	mg/kg		J	ld			0.069	0.021
RSAN4-31B	R0903820	SW6010	SO	Calcium	5800	mg/kg		J	ld	22.3	20		
RSAN4-31B	R0903820	SW6010	SO	Lead	11.2	mg/kg		J	ld			2.6	2.1
RSAN4-31B	R0903820	SW6010	SO	Manganese	321	mg/kg		J	ld	22.2	20		
RSAN4-31B	R0903820	SW6010	SO	Titanium	1010	mg/kg	N	J	m,ld	23.8	20		
RSAN4-31B	R0903820	SW6010	SO	Vanadium	45.8	mg/kg		J	ld	25.5	20		
RSAN4-31B	R0903820	SW6020	SO	Thallium	0.257	mg/kg		J	ld			0.069	0.021
SA85-10B	R0903820	SW6010	SO	Calcium	38900	mg/kg		J	ld	22.3	20		
SA85-10B	R0903820	SW6010	SO	Lead	7.8	mg/kg		J	ld			2.6	2.1
SA85-10B	R0903820	SW6010	SO	Manganese	333	mg/kg		J	ld	22.2	20		
SA85-10B	R0903820	SW6010	SO	Titanium	725	mg/kg	N	J	m,ld	23.8	20		
SA85-10B	R0903820	SW6010	SO	Vanadium	40.8	mg/kg		J	ld	25.5	20		
SA85-10B	R0903820	SW6020	SO	Thallium	0.162	mg/kg		J	ld			0.069	0.021
SA85-20B	R0903820	SW6010	SO	Calcium	30300	mg/kg		J	ld	22.3	20		
SA85-20B	R0903820	SW6010	SO	Lead	8.3	mg/kg		J	ld			2.6	2.1
SA85-20B	R0903820	SW6010	SO	Manganese	288	mg/kg		J	ld	22.2	20		
SA85-20B	R0903820	SW6010	SO	Titanium	704	mg/kg	N	J	m,ld	23.8	20		
SA85-20B	R0903820	SW6010	SO	Vanadium	53.5	mg/kg		J	ld	25.5	20		
SA85-20B	R0903820	SW6020	SO	Thallium	0.086	mg/kg		J	ld			0.069	0.021
SA85-33B	R0903820	SW6010	SO	Calcium	8060	mg/kg		J	ld	22.3	20		
SA85-33B	R0903820	SW6010	SO	Lead	11.1	mg/kg		J	ld			2.6	2.1
SA85-33B	R0903820	SW6010	SO	Manganese	251	mg/kg		J	ld	22.2	20		
SA85-33B	R0903820	SW6010	SO	Titanium	883	mg/kg	N	J	m,ld	23.8	20		
SA85-33B	R0903820	SW6010	SO	Vanadium	42.6	mg/kg		J	ld	25.5	20		
SA85-33B	R0903820	SW6020	SO	Thallium	0.256	mg/kg		J	ld			0.069	0.021
RSA03009-20B	R0903866	SW 846 9056	SO	Sulfate	20700	mg/kg		J	ld	25	20		
RSA03009-20B	R0903866	SW6010	SO	Barium	261	mg/kg		J	ld	24.5	20		
RSA03009-20B	R0903866	SW6010	SO	Strontium	998	mg/kg	N*	J	m,ld	87.9	20		
RSA03009-20B	R0903866	SW6020	SO	Thallium	0.192	mg/kg	*	J	ld	35.3	20		
RSA03-10B	R0903866	SW 846 9056	SO	Sulfate	71.5	mg/kg		J	bf,ld	25	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSA03-10B	R0903866	SW6010	SO	Barium	218	mg/kg		J	ld	24.5	20		
RSA03-10B	R0903866	SW6010	SO	Strontium	257	mg/kg	N*	J	m,ld	87.9	20		
RSA03-10B	R0903866	SW6020	SO	Thallium	0.099	mg/kg	*	J	ld	35.3	20		
RSA03-20B	R0903866	SW 846 9056	SO	Sulfate	20800	mg/kg		J	ld	25	20		
RSA03-20B	R0903866	SW6010	SO	Barium	211	mg/kg		J	ld	24.5	20		
RSA03-20B	R0903866	SW6010	SO	Strontium	1630	mg/kg	N*	J	m,ld	87.9	20		
RSA03-20B	R0903866	SW6020	SO	Thallium	0.27	mg/kg	*	J	ld	35.3	20		
RSAM2009-20B	R0903866	SW 846 9056	SO	Sulfate	13500	mg/kg		J	ld	25	20		
RSAM2009-20B	R0903866	SW6010	SO	Barium	209	mg/kg		J	ld	24.5	20		
RSAM2009-20B	R0903866	SW6010	SO	Strontium	412	mg/kg	N*	J	m,ld	87.9	20		
RSAM2009-20B	R0903866	SW6020	SO	Thallium	0.115	mg/kg	*	J	ld	35.3	20		
RSAM2-10B	R0903866	SW 846 9056	SO	Sulfate	298	mg/kg		J	bf,ld	25	20		
RSAM2-10B	R0903866	SW6010	SO	Barium	205	mg/kg		J	ld	24.5	20		
RSAM2-10B	R0903866	SW6010	SO	Strontium	237	mg/kg	N*	J	m,ld	87.9	20		
RSAM2-10B	R0903866	SW6020	SO	Thallium	0.096	mg/kg	*	J	ld	35.3	20		
RSAM2-20B	R0903866	SW 846 9056	SO	Sulfate	13700	mg/kg		J	ld	25	20		
RSAM2-20B	R0903866	SW6010	SO	Barium	204	mg/kg		J	ld	24.5	20		
RSAM2-20B	R0903866	SW6010	SO	Strontium	475	mg/kg	N*	J	m,ld	87.9	20		
RSAM2-20B	R0903866	SW6020	SO	Thallium	0.107	mg/kg	*	J	ld	35.3	20		
RSAM2-35B	R0903866	SW 846 9056	SO	Sulfate	1180	mg/kg		J	ld	25	20		
RSAM2-35B	R0903866	SW6010	SO	Barium	54.2	mg/kg		J	ld	24.5	20		
RSAM2-35B	R0903866	SW6010	SO	Strontium	119	mg/kg	N*	J	m,ld	87.9	20		
RSAM2-35B	R0903866	SW6020	SO	Thallium	0.28	mg/kg	*	J	ld	35.3	20		
RSAM3-10B	R0903866	SW 846 9056	SO	Sulfate	1210	mg/kg		J	ld	25	20		
RSAM3-10B	R0903866	SW6010	SO	Barium	208	mg/kg		J	ld	24.5	20		
RSAM3-10B	R0903866	SW6010	SO	Strontium	304	mg/kg	N*	J	m,ld	87.9	20		
RSAM3-10B	R0903866	SW6020	SO	Thallium	0.077	mg/kg	*	J	ld	35.3	20		
RSAM3-30B	R0903866	SW 846 9056	SO	Sulfate	511	mg/kg		J	bf,ld	25	20		
RSAM3-30B	R0903866	SW6010	SO	Barium	110	mg/kg		J	ld	24.5	20		
RSAM3-30B	R0903866	SW6010	SO	Strontium	161	mg/kg	N*	J	m,ld	87.9	20		
RSAM3-30B	R0903866	SW6020	SO	Thallium	0.264	mg/kg	*	J	ld	35.3	20		
SA176009-37B	R0903866	SW 846 9056	SO	Sulfate	991	mg/kg		J	ld	25	20		
SA176009-37B	R0903866	SW6010	SO	Barium	55	mg/kg		J	ld	24.5	20		
SA176009-37B	R0903866	SW6010	SO	Strontium	153	mg/kg	N*	J	m,ld	87.9	20		
SA176009-37B	R0903866	SW6020	SO	Thallium	0.256	mg/kg	*	J	ld	35.3	20		
SA176-10B	R0903866	SW 846 9056	SO	Sulfate	176	mg/kg		J	bf,ld	25	20		
SA176-10B	R0903866	SW6010	SO	Barium	160	mg/kg		J	ld	24.5	20		
SA176-10B	R0903866	SW6010	SO	Strontium	196	mg/kg	N*	J	m,ld	87.9	20		
SA176-10B	R0903866	SW6020	SO	Thallium	0.104	mg/kg	*	J	ld	35.3	20		
SA176-25B	R0903866	SW 846 9056	SO	Sulfate	12600	mg/kg		J	ld	25	20		
SA176-25B	R0903866	SW6010	SO	Barium	92.5	mg/kg		J	ld	24.5	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA176-25B	R0903866	SW6010	SO	Strontium	621	mg/kg	N*	J	m,ld	87.9	20		
SA176-25B	R0903866	SW6020	SO	Thallium	0.073	mg/kg	*	J	ld	35.3	20		
SA176-37B	R0903866	SW 846 9056	SO	Sulfate	1020	mg/kg		J	ld	25	20		
SA176-37B	R0903866	SW6010	SO	Barium	63.6	mg/kg		J	ld	24.5	20		
SA176-37B	R0903866	SW6010	SO	Strontium	157	mg/kg	N*	J	m,ld	87.9	20		
SA176-37B	R0903866	SW6020	SO	Thallium	0.279	mg/kg	*	J	ld	35.3	20		
SA35009-32B	R0903866	SW 846 9056	SO	Sulfate	9230	mg/kg		J	ld	25	20		
SA35009-32B	R0903866	SW6010	SO	Barium	76	mg/kg		J	ld	24.5	20		
SA35009-32B	R0903866	SW6010	SO	Strontium	451	mg/kg	N*	J	m,ld	87.9	20		
SA35009-32B	R0903866	SW6020	SO	Thallium	0.263	mg/kg	*	J	ld	35.3	20		
SA35-10B	R0903866	SW 846 9056	SO	Sulfate	8.4	mg/kg		J	be,bf,ld	25	20		
SA35-10B	R0903866	SW6010	SO	Barium	154	mg/kg		J	ld	24.5	20		
SA35-10B	R0903866	SW6010	SO	Strontium	220	mg/kg	N*	J	m,ld	87.9	20		
SA35-10B	R0903866	SW6020	SO	Thallium	0.091	mg/kg	*	J	ld	35.3	20		
SA35-20B	R0903866	SW 846 9056	SO	Sulfate	14300	mg/kg		J	ld	25	20		
SA35-20B	R0903866	SW6010	SO	Barium	200	mg/kg		J	ld	24.5	20		
SA35-20B	R0903866	SW6010	SO	Strontium	792	mg/kg	N*	J	m,ld	87.9	20		
SA35-20B	R0903866	SW6020	SO	Thallium	0.097	mg/kg	*	J	ld	35.3	20		
SA35-32B	R0903866	SW 846 9056	SO	Sulfate	13800	mg/kg		J	ld	25	20		
SA35-32B	R0903866	SW6010	SO	Barium	79.5	mg/kg		J	ld	24.5	20		
SA35-32B	R0903866	SW6010	SO	Strontium	473	mg/kg	N*	J	m,ld	87.9	20		
SA35-32B	R0903866	SW6020	SO	Thallium	0.272	mg/kg	*	J	ld	35.3	20		
SA55-25B	R0903866	SW 846 9056	SO	Sulfate	21600	mg/kg		J	ld	25	20		
SA55-25B	R0903866	SW6010	SO	Barium	82.8	mg/kg		J	ld	24.5	20		
SA55-25B	R0903866	SW6010	SO	Strontium	978	mg/kg	N*	J	m,ld	87.9	20		
SA55-25B	R0903866	SW6020	SO	Thallium	0.327	mg/kg	*	J	ld	35.3	20		
SA55-35B	R0903866	SW 846 9056	SO	Sulfate	741	mg/kg		J	ld	25	20		
SA55-35B	R0903866	SW6010	SO	Barium	66.6	mg/kg		J	ld	24.5	20		
SA55-35B	R0903866	SW6010	SO	Strontium	112	mg/kg	N*	J	m,ld	87.9	20		
SA55-35B	R0903866	SW6020	SO	Thallium	0.222	mg/kg	*	J	ld	35.3	20		
RSAM3-10BSPLP2	R0903926	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l,ld	56	30		
RSAM3-10BSPLP3	R0903926	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l,ld	56	30		
RSA03009-20B	R0903970	SW6010	SO	Cadmium	0.6	mg/kg	U,N,*	UJ	ld	97.1	20		
RSA03009-20B	R0903970	SW6020	SO	Thallium	0.211	mg/kg	*	J	ld	36.1	20		
RSA03-10B	R0903970	SW6010	SO	Cadmium	0.6	mg/kg	U,N,*	UJ	ld	97.1	20		
RSA03-10B	R0903970	SW6020	SO	Thallium	0.102	mg/kg	*	J	ld	36.1	20		
RSA03-20B	R0903970	SW6010	SO	Cadmium	0.6	mg/kg	U,N,*	UJ	ld	97.1	20		
RSA03-20B	R0903970	SW6020	SO	Thallium	0.214	mg/kg	*	J	ld	36.1	20		
RSA03-31B	R0903970	SW6010	SO	Cadmium	0.8	mg/kg	U,N,*	UJ	ld	97.1	20		
RSA03-31B	R0903970	SW6020	SO	Thallium	0.305	mg/kg	*	J	ld	36.1	20		
RSAJ5009-19B	R0903970	SW6010	SO	Cadmium	0.6	mg/kg	U,N,*	UJ	ld	97.1	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAJ5009-19B	R0903970	SW6020	SO	Thallium	0.121	mg/kg	*	J	ld	36.1	20		
RSAJ5-10B	R0903970	SW6010	SO	Cadmium	0.5	mg/kg	U,N,*	UJ	ld	97.1	20		
RSAJ5-10B	R0903970	SW6020	SO	Thallium	0.08	mg/kg	*	J	ld	36.1	20		
RSAJ5-19B	R0903970	SW6010	SO	Cadmium	0.6	mg/kg	U,N,*	UJ	ld	97.1	20		
RSAJ5-19B	R0903970	SW6020	SO	Thallium	0.092	mg/kg	*	J	ld	36.1	20		
RS AK5-10B	R0903970	SW6010	SO	Cadmium	0.5	mg/kg	U,N,*	UJ	ld	97.1	20		
RS AK5-10B	R0903970	SW6020	SO	Thallium	0.056	mg/kg	*	J	ld	36.1	20		
RS AK5-22B	R0903970	SW6010	SO	Cadmium	0.6	mg/kg	U,N,*	UJ	ld	97.1	20		
RS AK5-22B	R0903970	SW6020	SO	Thallium	0.114	mg/kg	*	J	ld	36.1	20		
RSAL5-0.5B	R0903970	SW6010	SO	Cadmium	0.9	mg/kg	N*	J	m,ld	97.1	20		
RSAL5-0.5B	R0903970	SW6020	SO	Thallium	0.17	mg/kg	*	J	ld	36.1	20		
RSAL5-10B	R0903970	SW6010	SO	Cadmium	0.15	mg/kg	N*	J	m,ld	97.1	20		
RSAL5-10B	R0903970	SW6020	SO	Thallium	0.115	mg/kg	*	J	ld	36.1	20		
RSAL5-30B	R0903970	SW6010	SO	Cadmium	0.05	mg/kg	B,N*	J	m,ld,sp	97.1	20		
RSAL5-30B	R0903970	SW6020	SO	Thallium	0.174	mg/kg	*	J	ld	36.1	20		
SA189-10B	R0903970	SW6010	SO	Cadmium	0.5	mg/kg	U,N,*	UJ	ld	97.1	20		
SA189-10B	R0903970	SW6020	SO	Thallium	0.082	mg/kg	*	J	ld	36.1	20		
SA189-29B	R0903970	SW6010	SO	Manganese	404	mg/kg	N	J	m,ld	20.7	20		
SA55-10B	R0903970	SW6010	SO	Cadmium	0.5	mg/kg	U,N,*	UJ	ld	97.1	20		
SA55-10B	R0903970	SW6020	SO	Thallium	0.128	mg/kg	*	J	ld	36.1	20		
SA55-25B	R0903970	SW6010	SO	Cadmium	0.7	mg/kg	U,N,*	UJ	ld	97.1	20		
SA55-25B	R0903970	SW6020	SO	Thallium	0.2	mg/kg	*	J	ld	36.1	20		
SA55-35B	R0903970	SW6010	SO	Cadmium	0.8	mg/kg	U,N,*	UJ	ld	97.1	20		
SA55-35B	R0903970	SW6020	SO	Thallium	0.221	mg/kg	*	J	ld	36.1	20		
SA74-0.5B	R0903970	SW6010	SO	Cadmium	0.5	mg/kg	U,N,*	UJ	ld	97.1	20		
SA74-0.5B	R0903970	SW6020	SO	Thallium	0.12	mg/kg	*	J	ld	36.1	20		
SA74009-0.5B	R0903970	SW6010	SO	Cadmium	0.5	mg/kg	U,N,*	UJ	ld	97.1	20		
SA74009-0.5B	R0903970	SW6020	SO	Thallium	0.107	mg/kg	*	J	ld	36.1	20		
SA74-10B	R0903970	SW6010	SO	Cadmium	0.5	mg/kg	U,N,*	UJ	ld	97.1	20		
SA74-10B	R0903970	SW6020	SO	Thallium	0.087	mg/kg	*	J	ld	36.1	20		
SA74-29B	R0903970	SW6010	SO	Cadmium	0.6	mg/kg	U,N,*	UJ	ld	97.1	20		
SA74-29B	R0903970	SW6020	SO	Thallium	0.144	mg/kg	*	J	ld	36.1	20		
RS AJ6-10B	R0904016	SW6010	SO	Magnesium	13900	mg/kg		J	ld	20.1	20		
RS AJ6-10B	R0904016	SW6010	SO	Nickel	15.1	mg/kg		J	be,ld	22.1	20		
RS AJ6-19B	R0904016	SW6010	SO	Magnesium	14100	mg/kg		J	ld	20.1	20		
RS AJ6-19B	R0904016	SW6010	SO	Nickel	9.55	mg/kg		J	be,ld	22.1	20		
RS AK6-10B	R0904016	SW6010	SO	Magnesium	12300	mg/kg		J	ld	20.1	20		
RS AK6-10B	R0904016	SW6010	SO	Nickel	14.6	mg/kg		J	be,ld	22.1	20		
RS AK6-24B	R0904016	SW6010	SO	Magnesium	14400	mg/kg		J	ld	20.1	20		
RS AK6-24B	R0904016	SW6010	SO	Nickel	9.91	mg/kg		J	be,ld	22.1	20		
RS AK8009-26B	R0904016	SW6010	SO	Magnesium	57000	mg/kg		J	ld	20.1	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
RSAK8009-26B	R0904016	SW6010	SO	Nickel	16.2	mg/kg		J	be,ld	22.1	20		
RSAK8-10B	R0904016	SW6010	SO	Magnesium	11200	mg/kg		J	ld	20.1	20		
RSAK8-10B	R0904016	SW6010	SO	Nickel	14.8	mg/kg		J	be,ld	22.1	20		
RSAK8-26B	R0904016	SW6010	SO	Magnesium	58000	mg/kg		J	ld	20.1	20		
RSAK8-26B	R0904016	SW6010	SO	Nickel	15.8	mg/kg		J	be,ld	22.1	20		
RSAL8-10B	R0904016	SW6010	SO	Magnesium	9820	mg/kg		J	ld	20.1	20		
RSAL8-10B	R0904016	SW6010	SO	Nickel	13	mg/kg		J	be,ld	22.1	20		
RSAL8-28B	R0904016	SW6010	SO	Magnesium	17800	mg/kg		J	ld	20.1	20		
RSAL8-28B	R0904016	SW6010	SO	Nickel	3.91	mg/kg		J	be,ld	22.1	20		
SA166-10B	R0904016	SW6010	SO	Magnesium	11700	mg/kg		J	ld	20.1	20		
SA166-10B	R0904016	SW6010	SO	Nickel	12.8	mg/kg		J	be,ld	22.1	20		
SA166-20B	R0904016	SW6010	SO	Magnesium	10000	mg/kg		J	ld	20.1	20		
SA166-20B	R0904016	SW6010	SO	Nickel	11	mg/kg		J	be,ld	22.1	20		
SA166-31B	R0904016	SW6010	SO	Magnesium	57000	mg/kg		J	ld	20.1	20		
SA166-31B	R0904016	SW6010	SO	Nickel	13	mg/kg		J	be,ld	22.1	20		
SA56-10B	R0904016	SW6010	SO	Magnesium	6540	mg/kg		J	ld	20.1	20		
SA56-10B	R0904016	SW6010	SO	Nickel	12.5	mg/kg		J	be,ld	22.1	20		
SA56-25B	R0904016	SW6010	SO	Magnesium	13000	mg/kg		J	ld	20.1	20		
SA56-25B	R0904016	SW6010	SO	Nickel	11.6	mg/kg		J	be,ld	22.1	20		
SA56-37B	R0904016	SW6010	SO	Magnesium	44000	mg/kg		J	ld	20.1	20		
SA56-37B	R0904016	SW6010	SO	Nickel	14.7	mg/kg		J	be,ld	22.1	20		
SA75-0.5B	R0904016	SW6010	SO	Magnesium	7130	mg/kg		J	ld	20.1	20		
SA75-0.5B	R0904016	SW6010	SO	Nickel	16.5	mg/kg		J	be,ld	22.1	20		
SA75-10B	R0904016	SW6010	SO	Magnesium	10300	mg/kg		J	ld	20.1	20		
SA75-10B	R0904016	SW6010	SO	Nickel	13.1	mg/kg		J	be,ld	22.1	20		
SA75-28B	R0904016	SW6010	SO	Magnesium	9220	mg/kg		J	ld	20.1	20		
SA75-28B	R0904016	SW6010	SO	Nickel	11.4	mg/kg		J	be,ld	22.1	20		

**Table 3-9
Qualifications Based on Laboratory Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason	RPD	RPD Limit	Difference	Diff. Limit
SA76-10B	R0904016	SW6010	SO	Magnesium	10900	mg/kg		J	ld	20.1	20		
SA76-10B	R0904016	SW6010	SO	Nickel	12.6	mg/kg		J	be,ld	22.1	20		
SA76-20B	R0904016	SW6010	SO	Magnesium	19700	mg/kg		J	ld	20.1	20		
SA76-20B	R0904016	SW6010	SO	Nickel	9.77	mg/kg		J	be,ld	22.1	20		
RSAH3-0.5B	R0904102	SW6010	SO	Manganese	409	mg/kg		J	m,ld	20.8	20		
RSAH3009-0.5B	R0904102	SW6010	SO	Manganese	368	mg/kg		J	m,ld	20.8	20		
RSAH3-10B	R0904102	SW6010	SO	Manganese	346	mg/kg		J	m,ld	20.8	20		
RSAH3-20B	R0904102	SW6010	SO	Manganese	104	mg/kg		J	m,ld	20.8	20		
RSAH3-32B	R0904102	SW6010	SO	Manganese	304	mg/kg		J	m,ld	20.8	20		
RSAl4-0.5B	R0904102	SW6010	SO	Manganese	394	mg/kg		J	m,ld	20.8	20		
RSAl4-10B	R0904102	SW6010	SO	Manganese	343	mg/kg		J	m,ld	20.8	20		
RSAl4-20B	R0904102	SW6010	SO	Manganese	163	mg/kg		J	m,ld	20.8	20		
RSAl4-32B	R0904102	SW6010	SO	Manganese	370	mg/kg		J	m,ld	20.8	20		
RSAl5-0.5B	R0904102	SW6010	SO	Manganese	447	mg/kg		J	m,ld	20.8	20		
RSAl5009-10B	R0904102	SW6010	SO	Manganese	358	mg/kg		J	m,ld	20.8	20		
RSAl5-10B	R0904102	SW6010	SO	Manganese	258	mg/kg		J	m,ld	20.8	20		
RSAl5-28B	R0904102	SW6010	SO	Manganese	115	mg/kg		J	m,ld	20.8	20		
SA182-10B	R0904102	SW6010	SO	Manganese	370	mg/kg	N	J	m,ld	20.8	20		
SA182-25B	R0904102	SW6010	SO	Manganese	291	mg/kg	N	J	m,ld	20.8	20		
SA182-38B	R0904102	SW6010	SO	Manganese	265	mg/kg	N	J	m,ld	20.8	20		
RSAl3-10BSPLP2	R0904223	SW 846 8270C	W	Pyridine	0.89	ug/l	U	UJ	l,ld	73	30		
RSAl7-10B	R0904426	SW 846 9056	SO	Chloride	81.3	mg/kg		J	bf,ld	45	20		
RSAl7-27B	R0904426	SW 846 9056	SO	Chloride	142	mg/kg		J	bf,ld	45	20		
RSAl3-10BSPLP	233413	HASL-300	SO	U-234	0.356	pci/l		J	ld	37.4	20		
RSAl3-29BSPLP	233413	HASL-300	SO	U-234	0.202	pci/l		J	ld	37.4	20		
RSAM3-10BSPLP	233413	HASL-300	SO	U-234	0.241	pci/l		J	ld	37.4	20		
SA166-10BSPLP	233413	HASL-300	SO	U-234	0.376	pci/l		J	ld	37.4	20		
SA182-10BSPLP	233413	HASL-300	SO	U-234	0.0422	pci/l		J	ld	37.4	20		
SA56-10BSPLP	233413	HASL-300	SO	U-234	0.243	pci/l		J	ld	37.4	20		

Notes:

Data Qualifiers are defined in Table 2-1
 Data Qualifier Reason Codes are defined in Table 2-2
 RPD - Relative Percent Difference
 Diff - Difference

Laboratory Qualifiers:

B - Analyte found in the associated method blank
 J - Estimated value
 N - Sample spike recovery not within control limits
 U - Analyte was analyzed for but not detected
 * - Duplicate analysis not within control limits

**Table 3-10
Qualifications Based on Field Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	LabQual	Qualifiers	Reason	RPD	Limits	Difference	Diff Limits
RSAK7-10B	211899	EPA 904.0 mod	SO	Ra-228	0.831		pCi/g		J	fd			2.679	0.500
RSAK7-10B	211899	HASL-300	SO	Th-232	0.762		pCi/g		J	ld,fd	96	50		
RSAK7-10BD	211899	EPA 904.0 mod	SO	Ra-228	3.51		pCi/g		J	fd			2.679	0.500
RSAK7-10BD	211899	HASL-300	SO	Th-232	2.17		pCi/g		J	ld,fd	96	50		
SA46-30B	211899	EPA 903.1 mod	SO	Ra-226	2.46		pCi/g		J	fd			1.94	0.500
SA46-30B	211899	HASL-300	SO	U-235/236	0.131		pCi/g		J	ld,fd			0.073	0.040
SA46-30BD	211899	EPA 903.1 mod	SO	Ra-226	4.40		pCi/g		J	fd			1.94	0.500
SA46-30BD	211899	HASL-300	SO	U-235/236	0.204		pCi/g		J	ld,fd			0.073	0.040
RSAK2-20B	211947	EPA 903.1 mod	SO	Ra-226	1.40		pCi/g		J	fd			0.996	0.500
RSAK2-20BD	211947	EPA 903.1 mod	SO	Ra-226	0.404		pCi/g		J	fd			0.996	0.500
RSAL2-20B	211947	EPA 903.1 mod	SO	Ra-226	3.97		pCi/g		J	fd			1.99	0.500
RSAL2-20B	211947	EPA 904.0 mod	SO	Ra-228	0.780		pCi/g		J	fd			0.610	0.500
RSAL2-20BD	211947	EPA 903.1 mod	SO	Ra-226	1.98		pCi/g		J	fd			1.99	0.500
RSAL2-20BD	211947	EPA 904.0 mod	SO	Ra-228	1.39		pCi/g		J	fd			0.610	0.500
RSA02-20B	5	SW 846 6010B	SO	Barium	51.7		mg/kg		J	ld,fd			48.3	23.6
RSA02-20B	5	SW 846 6010B	SO	Calcium	6400		mg/kg		J	fd	83	50		
RSA02-20B	5	SW 846 6020	SO	Molybdenum	0.56		mg/kg		J	fd			0.5	0.12
RSA02-20BD	5	SW 846 6010B	SO	Barium	100		mg/kg		J	ld,fd			48.3	23.6
RSA02-20BD	5	SW 846 6010B	SO	Calcium	15500		mg/kg		J	fd	83	50		
RSA02-20BD	5	SW 846 6020	SO	Molybdenum	1.06		mg/kg		J	fd			0.5	0.12
RSAN2-30B	5	EPA 314.0	SO	Perchlorate	24.4		ug/kg		UJ	fd			180.6	163
RSAN2-30B	5	SW 846 6010B	SO	Barium	252		mg/kg		J	ld,fd	79	50		
RSAN2-30BD	5	EPA 314.0	SO	Perchlorate	205		ug/kg		J	fd			180.6	163
RSAN2-30BD	5	SW 846 6010B	SO	Barium	578		mg/kg		J	ld,fd	79	50		
SA183-10B	5	SW 846 6010B	SO	Calcium	27400		mg/kg		J	fd	58	50		
SA183-10B	5	SW 846 6010B	SO	Magnesium	7790		mg/kg		J	fd	66	50		
SA183-10B	5	SW 846 6010B	SO	Sodium	410		mg/kg		J	fd	57	50		
SA183-10B	5	SW 846 6020	SO	Uranium	1.06		mg/kg		J	fd	67	50		
SA183-10BD	5	SW 846 6010B	SO	Calcium	49900		mg/kg		J	fd	58	50		
SA183-10BD	5	SW 846 6010B	SO	Magnesium	15500		mg/kg		J	fd	66	50		
SA183-10BD	5	SW 846 6010B	SO	Sodium	739		mg/kg		J	fd	57	50		
SA183-10BD	5	SW 846 6020	SO	Uranium	2.19		mg/kg		J	fd	67	50		
RSAK7-10B	8	EPA 300.1	SO	Chlorate	2710		ug/kg		J	fd			3240	810
RSAK7-10B	8	EPA 314.1	SO	Perchlorate	2910		ug/kg		J	fd			3330	690
RSAK7-10BD	8	EPA 300.1	SO	Chlorate	5950		ug/kg		J	fd			3240	810
RSAK7-10BD	8	EPA 314.1	SO	Perchlorate	6240		ug/kg		J	fd			3330	690
SA46-30B	8	SW 846 6010B	SO	Calcium	19900		mg/kg		J	fd	53	50		
SA46-30BD	8	SW 846 6010B	SO	Calcium	34100		mg/kg		J	fd	53	50		
SA180-0.5B	R2844666	SW 846 8270C	SO	Benz(a)anthracene	160		ug/kg		J	fd			131	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Benzo(a)pyrene	110		ug/kg		J	fd			78	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Benzo(b)fluoranthene	110		ug/kg		J	fd			78	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Benzo(g,h,i)perylene	74		ug/kg		J	fd			47	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Benzo(k)fluoranthene	110		ug/kg		J	fd			77	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Chrysene	190		ug/kg		J	fd			144	40

Table 3-10
Qualifications Based on Field Duplicate Precision

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	LabQual	Qualifiers	Reason	RPD	Limits	Difference	Diff Limits
SA180-0.5B	R2844666	SW 846 8270C	SO	Fluoranthene	350		ug/kg		J	fd			279	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Indeno(1,2,3-cd)pyrene	69		ug/kg		J	fd			46	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Phenanthrene	190		ug/kg		J	fd			149	40
SA180-0.5B	R2844666	SW 846 8270C	SO	Pyrene	270		ug/kg		J	fd			219	40
SA180-0.5BD	R2844666	SW 846 8081	SO	4,4-DDD	7.9		ug/kg		J	fd			4.1	3.8
SA180-0.5BD	R2844666	SW 846 8081	SO	Hexachlorobenzene	39		ug/kg		J	c,fd			37	2.0
SA180-0.5BD	R2844666	SW 846 8270C	SO	Benz(a)anthracene	29		ug/kg		J	fd,sp			131	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Benzo(a)pyrene	32		ug/kg		J	fd,sp			78	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Benzo(b)fluoranthene	32		ug/kg		J	fd,sp			78	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Benzo(g,h,i)perylene	27		ug/kg		J	fd,sp			47	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Benzo(k)fluoranthene	33		ug/kg		J	fd,sp			77	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Chrysene	46		ug/kg		J	fd			144	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Fluoranthene	71		ug/kg		J	fd			279	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Indeno(1,2,3-cd)pyrene	23		ug/kg		J	fd,sp			46	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Phenanthrene	41		ug/kg		J	fd			149	40
SA180-0.5BD	R2844666	SW 846 8270C	SO	Pyrene	51		ug/kg		J	fd			219	40
SA57-10B	R2844666	SW 846 8260B	SO	Acetone	17		ug/kg		J	c,fd,sp			23	22.4
SA57-10BD	R2844666	SW 846 8260B	SO	Acetone	40		ug/kg		J	c,fd			23	22.4
RSAN2-30B	R2844885	SM 2320B	SO	Alkalinity (as CaCO3)	888		mg/kg		J	fd			496	333
RSAN2-30B	R2844885	SM 2320B	SO	Bicarbonate	756		mg/kg		J	fd			364	333
RSAN2-30B	R2844885	SW 846 8260B	SO	Benzene	5100		ug/kg		J	fd			5090.6	9.4
RSAN2-30B	R2844885	SW 846 8260B	SO	Carbon tetrachloride	1000		ug/kg		J	fd			990.6	9.4
RSAN2-30B	R2844885	SW 846 8260B	SO	Chlorobenzene	11000		ug/kg		J	fd			10990.6	9.4
RSAN2-30B	R2844885	SW 846 8260B	SO	1,2-Dichlorobenzene	680		ug/kg		J	fd,sp			670.6	9.4
RSAN2-30B	R2844885	SW 846 8260B	SO	1,4-Dichlorobenzene	1200		ug/kg		J	fd			1190.6	9.4
RSAN2-30B	R2844885	SW 846 8260B	SO	Trichlorofluoromethane	78		ug/kg		J	fd,sp			68.6	9.4
RSAN2-30B	R2844885	SW 846 8260B	SO	Chloroform	13000		ug/kg		J	fd			171	50
RSAN2-30BD	R2844885	SM 2320B	SO	Alkalinity (as CaCO3)	392		mg/kg		J	fd			496	333
RSAN2-30BD	R2844885	SM 2320B	SO	Bicarbonate	392		mg/kg		J	fd			364	333
RSAN2-30BD	R2844885	SW 846 8260B	SO	Benzene	9.4		ug/kg		UJ	fd			5090.6	9.4
RSAN2-30BD	R2844885	SW 846 8260B	SO	Carbon tetrachloride	9.4		ug/kg		UJ	fd			990.6	9.4
RSAN2-30BD	R2844885	SW 846 8260B	SO	Chlorobenzene	9.4		ug/kg		UJ	fd			10990.6	9.4
RSAN2-30BD	R2844885	SW 846 8260B	SO	1,2-Dichlorobenzene	9.4		ug/kg		UJ	fd			670.6	9.4
RSAN2-30BD	R2844885	SW 846 8260B	SO	1,4-Dichlorobenzene	9.4		ug/kg		UJ	fd			1190.6	9.4
RSAN2-30BD	R2844885	SW 846 8260B	SO	Trichlorofluoromethane	9.4		ug/kg		UJ	fd			68.6	9.4
RSAN2-30BD	R2844885	SW 846 8260B	SO	Chloroform	1000		ug/kg		J	fd			171	50
RSAO2-20B	R2844885	Lloyd Kahn	SO	Total Organic Carbon	300		mg/kg		UJ	fd			318	300
RSAO2-20B	R2844885	SW 846 9056	SO	Chloride	142		mg/kg		J	fd			67.2	27.3
RSAO2-20B	R2844885	SW 846 8260B	SO	Chloroform	740		ug/kg		J	fd			60	50
RSAO2-20BD	R2844885	Lloyd Kahn	SO	Total Organic Carbon	618		ug/kg		J	fd			318	50
RSAO2-20BD	R2844885	SW 846 9056	SO	Chloride	74.8		mg/kg		J	fd			67.2	27.3
RSAO2-20BD	R2844885	SW 846 8260B	SO	Chloroform	400		ug/kg		J	fd			60	50
RSAK7-10B	R2844902	SW 846 8081	SO	Hexachlorobenzene	11		ug/kg		J	c,fd	81	50		
RSAK7-10B	R2844902	SW 846 9056	SO	Chloride	43.5		mg/kg		J	fd			65.5	21.9

Table 3-10
Qualifications Based on Field Duplicate Precision

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	LabQual	Qualifiers	Reason	RPD	Limits	Difference	Diff Limits
RSAK7-10B	R2844902	SW 846 9056	SO	Sulfate	172		mg/kg		J	fd	61	50		
RSAK7-10BD	R2844902	SW 846 8081	SO	Hexachlorobenzene	26		ug/kg		J	c,fd	81	50		
RSAK7-10BD	R2844902	SW 846 9056	SO	Chloride	109		mg/kg		J	fd			65.5	21.9
RSAK7-10BD	R2844902	SW 846 9056	SO	Sulfate	324		mg/kg		J	fd	61	50		
RSAK2-20B	R2844922	SW 846 8081	SO	Beta-BHC	370		ug/kg		J	fd	58	50		
RSAK2-20BD	R2844922	SW 846 8081	SO	Beta-BHC	670		ug/kg		J	fd	58	50		
RSAL2-20B	R2844922	SW 846 8260B	SO	Benzene	3.1		ug/kg		J	h,fd,sp			9.9	5.6
RSAL2-20B	R2844922	SW 846 8260B	SO	Chlorobenzene	4.4		ug/kg		J	h,fd,sp			10.6	5.6
RSAL2-20B	R2844922	SW 846 8270C	SO	Di-N-Butyl phthalate	560		ug/kg		J	fd			1240	1100
RSAL2-20BD	R2844922	SW 846 8260B	SO	Benzene	13		ug/kg		J	h,fd			9.9	5.6
RSAL2-20BD	R2844922	SW 846 8260B	SO	Chlorobenzene	15		ug/kg		J	h,fd			10.6	5.6
RSAL2-20BD	R2844922	SW 846 8270C	SO	Di-N-Butyl phthalate	1800		ug/kg		J	fd			1240	1100
SA76-0.5B	230756	EPA 904.0 mod	SO	Ra-228	1.91	1.91	pCi/g		J	fd			0.71	0.5
SA76009-0.5B	230756	EPA 904.0 mod	SO	Ra-228	1.20	1.20	pCi/g		J	fd			0.71	0.5
RSAK4-0.5B	231217	EPA 904.0 mod	SO	Ra-228	1.54	1.54	pCi/g		J	fd			0.749	0.5
RSAK4009-0.5B	231217	EPA 904.0 mod	SO	Ra-228	0.791	0.791	pCi/g		J	fd			0.749	0.5
RSAM2009-20B	233107	EPA 904.0 mod	SO	Ra-228	1.85	1.85	pCi/g		J	fd			0.69	0.5
RSAM2009-20B	233107	HASL-300	SO	U-234	1.50	1.50	pCi/g		J	fd	62	50		
RSAM2-20B	233107	EPA 904.0 mod	SO	Ra-228	1.16	1.16	pCi/g		J	fd			0.69	0.5
RSAM2-20B	233107	HASL-300	SO	U-234	2.85	2.85	pCi/g		J	fd	62	50		
RSAN3009-20B	233107	EPA 903.1 mod	SO	Ra-226	5.49	5.49	pCi/g		J	fd	57	50		
RSAN3009-20B	233107	HASL-300	SO	U-235	0.216	0.216	pCi/g		J	fd			0.095	0.04
RSAN3-20B	233107	EPA 903.1 mod	SO	Ra-226	3.05	3.05	pCi/g		J	fd	57	50		
RSAN3-20B	233107	HASL-300	SO	U-235	0.121	0.121	pCi/g		J	fd			0.095	0.04
RSA03009-20B	233309	EPA 904.0 mod	SO	Ra-228	0.575	0.575	pCi/g		J	fd			0.655	0.5
RSA03-20B	233309	EPA 904.0 mod	SO	Ra-228	1.23	1.23	pCi/g		J	fd			0.655	0.5
SA74-0.5B	233309	EPA 903.1 mod	SO	Ra-226	0.842	0.842	pCi/g		J	ld,fd			0.554	0.5
SA74009-0.5B	233309	EPA 903.1 mod	SO	Ra-226	0.288	0.288	pCi/g		J	ld,fd			0.554	0.5
RSAJ5009-19B	233587	HASL-300	SO	U-235	0.093	0.093	pCi/g		J	fd			0.050	0.04
RSAJ5-19B	233587	HASL-300	SO	U-235	0.143	0.143	pCi/g		J	fd			0.050	0.04
RSAK8009-26B	233587	HASL-300	SO	U-235	0.149	0.149	pCi/g		J	fd			0.0794	0.04
RSAK8-26B	233587	HASL-300	SO	U-235	0.0696	0.0696	pCi/g	U	UJ	fd			0.0794	0.04
RSAH3-0.5B	233960	EPA 904.0 mod	SO	Ra-228	1.48	1.48	pCi/g		J	fd			1.25	0.5
RSAH3009-0.5B	233960	EPA 904.0 mod	SO	Ra-228	2.73	2.73	pCi/g		J	fd			1.25	0.5
RSAI5009-10B	234120	EPA 904.0 mod	SO	Ra-228	1.42	1.42	pCi/g		J	fd			1.225	0.5
RSAI5-10B	234120	EPA 904.0 mod	SO	Ra-228	0.195	0.195	pCi/g	U	UJ	fd			1.225	0.5
SA152-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	1750	640	mg/kg		J	fd			1520	640
SA152-0.5B	R0903051	SW 846 8290	SO	Octachlorodibenzofuran	518	4.60	ng/kg	B	J	fd			511.55	9.5
SA152-0.5B	R0903051	SW 846 8290	SO	Heptachlorodibenzofuran	187	2.30	ng/kg	B	J	fd			18.48	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	p-dioxin	13.7	2.30	ng/kg	B	J	fd			12.2	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Heptachlorodibenzofuran	92.2	2.30	ng/kg		J	fd			91.259	4.75

**Table 3-10
Qualifications Based on Field Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	LabQual	Qualifiers	Reason	RPD	Limits	Difference	Diff Limits
SA152-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	107	2.30	ng/kg		J	fd			106.048	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	63.0	2.30	ng/kg		J	fd			62.366	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	10.0	2.30	ng/kg		J	fd			5.25	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	dioxin	5.90	2.30	ng/kg		J	fd			5.295	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	1,2,3,7,8-Pentachlorodibenzofuran	52.0	2.30	ng/kg		J	fd			47.25	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	15.9	2.30	ng/kg	K	JK	k,fd			11.15	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	2,3,4,7,8-Pentachlorodibenzofuran	27.9	2.30	ng/kg		J	fd			23.15	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	(Total)	471	0.920	ng/kg		J	fd			470.435	1.90
SA152-0.5B	R0903051	SW 846 8290	SO	Total Heptachlorodibenzofuran	405	2.30	ng/kg		J	fd			401.92	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	dioxin	21.4	2.30	ng/kg		J	fd			19.9	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Total Hexachlorodibenzofuran	400	2.30	ng/kg		J	fd			399.048	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Total Hexachlorodibenzo-p-dioxin	33.4	2.30	ng/kg		J	fd			32.795	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Total Pentachlorodibenzofuran	500	2.30	ng/kg		J	fd			498.88	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	dioxin	37.4	2.30	ng/kg		J	fd			32.65	4.75
SA152-0.5B	R0903051	SW 846 8290	SO	Total Tetrachlorodibenzo-p-dioxin	26.3	0.920	ng/kg		J	fd			24.4	1.90
SA152-0.5BRE	R0903051	SW 846 8290	SO	2,3,7,8-Tetrachlorodibenzofuran	11.2	0.920	ng/kg		J	fd			7.85	1.90
SA152009-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	3270	500	mg/kg		J	fd			1520	640
SA152009-0.5B	R0903051	SW 846 8290	SO	Octachlorodibenzofuran	6.45	9.50	ng/kg	BJ	J	fd,sp			511.55	9.5
SA152009-0.5B	R0903051	SW 846 8290	SO	Heptachlorodibenzofuran	2.52	4.75	ng/kg	BJ	J	fd,sp			18.48	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	p-dioxin	1.50	4.75	ng/kg	BJ	J	fd,sp			12.2	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Heptachlorodibenzofuran	0.941	4.75	ng/kg	JK	JK	fd,k			91.259	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	0.952	4.75	ng/kg	J	J	fd,sp			106.048	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	0.634	4.75	ng/kg	JK	JK	fd,k			62.366	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	0.313	4.75	ng/kg	U	UJ	fd			5.25	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	dioxin	0.605	4.75	ng/kg	J	J	fd,sp			5.295	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	1,2,3,7,8-Pentachlorodibenzofuran	0.154	4.75	ng/kg	U	UJ	fd			47.25	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Hexachlorodibenzofuran	0.268	4.75	ng/kg	U	UJ	fd			11.15	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	2,3,4,7,8-Pentachlorodibenzofuran	0.152	4.75	ng/kg	U	UJ	fd			23.15	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	(Total)	0.565	1.90	ng/kg	J	J	fd,sp			470.435	1.90
SA152009-0.5B	R0903051	SW 846 8290	SO	Total Heptachlorodibenzofuran	3.08	4.75	ng/kg	J	J	fd,sp			401.92	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	dioxin	1.50	4.75	ng/kg	J	J	fd,sp			19.9	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Total Hexachlorodibenzofuran	0.952	4.75	ng/kg	J	J	fd,sp			399.048	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Total Hexachlorodibenzo-p-dioxin	0.605	4.75	ng/kg	J	J	fd,sp			32.795	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Total Pentachlorodibenzofuran	1.12	4.75	ng/kg	J	J	fd,sp			498.88	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	dioxin	0.147	4.75	ng/kg	U	UJ	fd			32.65	4.75
SA152009-0.5B	R0903051	SW 846 8290	SO	Total Tetrachlorodibenzo-p-dioxin	0.152	1.90	ng/kg	U	UJ	fd			24.4	1.90
0.5BRE	R0903051	SW 846 8290	SO	2,3,7,8-Tetrachlorodibenzofuran	3.35	1.90	ng/kg	K	JK	fd,k			7.85	1.90
SA76-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	1870	620	mg/kg		J	fd			1710	620
SA76-0.5B	R0903051	SW6020	SO	Arsenic	2.95	0.53	mg/kg		J	fd	69	50		
SA76-0.5BDL	R0903051	SW 846 8290	SO	dioxin	1920	11.5	ng/kg	D	J	fd			540	497

**Table 3-10
Qualifications Based on Field Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	LabQual	Qualifiers	Reason	RPD	Limits	Difference	Diff Limits
SA76-0.5BDL	R0903051	SW 846 8290	SO	dioxin	2060	12.6	ng/kg	D	J	fd			580	497
SA76-0.5BDL	R0903051	SW 846 8290	SO	1,2,3,7,8-Pentachlorodibenzofuran	12600	56.6	ng/kg	D	J	fd	52	50		
SA76-0.5BDL	R0903051	SW 846 8290	SO	2,3,4,7,8-Pentachlorodibenzofuran	5050	55.3	ng/kg	K,D	J	fd	69	50		
SA76009-0.5B	R0903051	Lloyd Kahn	SO	Total Organic Carbon	3580	470	mg/kg		J	fd			1710	620
SA76009-0.5B	R0903051	SW6020	SO	Arsenic	6.05	0.54	mg/kg		J	fd	69	50		
SA76009-0.5BDL	R0903051	SW 846 8290	SO	dioxin	2460	16.3	ng/kg	D	J	fd			540	497
SA76009-0.5BDL	R0903051	SW 846 8290	SO	dioxin	2640	17.8	ng/kg	D	J	fd			580	497
SA76009-0.5BDL	R0903051	SW 846 8290	SO	1,2,3,7,8-Pentachlorodibenzofuran	21400	94.1	ng/kg	D	J	fd	52	50		
SA76009-0.5BDL	R0903051	SW 846 8290	SO	2,3,4,7,8-Pentachlorodibenzofuran	10400	91.8	ng/kg	D	J	fd	69	50		
RSAK4-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	1660	310	mg/kg		J	c,fd			700	300
RSAK4-0.5B	R0903184	SW 846 8081	SO	Beta-BHC	330	17	ug/kg		J	fd	53	50		
RSAK4009-0.5B	R0903184	Lloyd Kahn	SO	Total Organic Carbon	960	300	mg/kg		J	c,fd			700	300
RSAK4009-0.5B	R0903184	SW 846 8081	SO	Beta-BHC	570	87	ug/kg		J	fd	53	50		
RSAI2009-10B	R0903584	SW 846 9056	SO	Chloride	6.8	2.2	mg/kg	B	J	bf,fd			2.3	2.2
RSAI2-10B	R0903584	SW 846 9056	SO	Chloride	4.5	2.2	mg/kg	B	J	bf,fd			2.3	2.2
RSAJ2009-33B	R0903584	SW 846 8260B	SO	Chlorobenzene	2.8	9.6	ug/kg	J	J	fd,sp			207	9.6
RSAJ2-33B	R0903584	SW 846 8260B	SO	Chlorobenzene	210	8.1	ug/kg		J	fd			207	9.6
RSAL4-0.5B	R0903729	SW 846 8260B	SO	Acetone	6.8	13	ug/kg	BJ	UJ	bl,bf,fd,l			31.2	15
RSAN3009-20B	R0903820	SM 2320B	SO	Alkalinity (as CaCO3)	52	22	mg/kg	B	J	fd			68	22
RSAN3009-20B	R0903820	SM 2320B	SO	Bicarbonate	52	22	mg/kg	B	J	fd			68	22
RSAN3-20B	R0903820	SM 2320B	SO	Alkalinity (as CaCO3)	120	22	mg/kg		J	fd			68	22
RSAN3-20B	R0903820	SM 2320B	SO	Bicarbonate	120	22	mg/kg		J	fd			68	22
RSAN4009-10B	R0903820	SW6020	SO	Tungsten	0.23	0.1	mg/kg	N	J	fd,m			0.47	0.10
RSAN4-10B	R0903820	SW6020	SO	Tungsten	0.7	0.1	mg/kg	N	J	fd,m			0.47	0.10
RSA03009-20B	R0903866	SW6020	SO	Tungsten	0.61	0.13	mg/kg	N	J	m,fd			0.49	0.13
RSA03-20B	R0903866	SW 846 8260B	SO	Chloroform	160	8.4	ug/kg		J	fd	72	50		
RSA03-20B	R0903866	SW6020	SO	Tungsten	1.1	0.13	mg/kg	N	J	m,fd			0.49	0.13
RSAM2009-20B	R0903866	SW 846 8260B	SO	Acetone	4.1	22	ug/kg	J	UJ	bt,be,bf,fd			185.9	22.0
RSAM2009-20B	R0903866	SW 846 8260B	SO	Chloroform	24	5.6	ug/kg		J	fd			11	5.6
RSAM2-20B	R0903866	SW 846 8260B	SO	Chloroform	13	4.4	ug/kg		J	fd			11	5.6
SA35009-32B	R0903866	SW 846 8260B	SO	Chloroform	5400	430	ug/kg		J	fd	68	50		
SA35-32B	R0903866	SW 846 8260B	SO	Chloroform	11000	720	ug/kg		J	fd	68	50		
SA74-0.5B	R0903970	EPA 365.1M	SO	Total Phosphorus-P	731	28	mg/kg		J	fd	51	50		
SA74-0.5B	R0903970	Lloyd Kahn	SO	Total Organic Carbon	1040	300	mg/kg		J	fd			370	300
SA74009-0.5B	R0903970	EPA 365.1M	SO	Total Phosphorus-P	1230	55	mg/kg		J	fd	51	50		
SA74009-0.5B	R0903970	Lloyd Kahn	SO	Total Organic Carbon	670	290	mg/kg		J	fd			370	300
RSAK8009-26B	R0904016	SM 5540C	SO	MBAS	16.3	3.3	mg/kg		J	fd			14.2	3.3
RSAK8009-26B	R0904016	SW 846 8081	SO	4,4-DDD	5.4	5.4	ug/kg	U	UJ	fd			104.6	5.4
RSAK8009-26B	R0904016	SW 846 8081	SO	4,4-DDE	5.4	5.4	ug/kg	U	UJ	fd			1894.6	5.4
RSAK8009-26B	R0904016	SW 846 8081	SO	4,4-DDT	5.4	5.4	ug/kg	U	UJ	fd			604.6	5.4

**Table 3-10
Qualifications Based on Field Duplicate Precision**

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	LabQual	Qualifiers	Reason	RPD	Limits	Difference	Diff Limits
RSAK8009-26B	R0904016	SW 846 8081	SO	Beta-BHC	2.8	2.8	ug/kg	U	UJ	fd			16.2	2.8
RSAK8009-26B	R0904016	SW 846 8081	SO	Dieldrin	5.4	5.4	ug/kg	U	UJ	fd			37.6	5.4
RSAK8009-26B	R0904016	SW 846 8081	SO	Hexachlorobenzene	2.8	2.8	ug/kg	U	UJ	fd			217.2	2.8
RSAK8-26B	R0904016	SM 5540C	SO	MBAS	2.1	3.3	mg/kg		UJ	be,bf,fd			14.2	3.3
RSAK8-26B	R0904016	SW 846 8081	SO	4,4-DDD	110	54	ug/kg		J	fd			104.6	5.4
RSAK8-26B	R0904016	SW 846 8081	SO	4,4-DDT	610	54	ug/kg		J	fd			604.6	5.4
RSAK8-26B	R0904016	SW 846 8081	SO	Beta-BHC	19	28	ug/kg	J	J	fd,sp			16.2	2.8
RSAK8-26B	R0904016	SW 846 8081	SO	Dieldrin	43	54	ug/kg	J	J	fd,sp			37.6	5.4
RSAK8-26B	R0904016	SW 846 8081	SO	Hexachlorobenzene	220	28	ug/kg		J	fd			217.2	2.8
RSAK8-26BDL	R0904016	SW 846 8081	SO	4,4-DDE	1900	540	ug/kg	D	J	fd			1894.6	5.4
RSAH3-0.5B	R0904102	EPA 350.1	SO	Ammonia (as N)	0.07	0.51	mg/kg	U	UJ	fd			1.99	0.52
RSAH3-0.5B	R0904102	Lloyd Kahn	SO	Total Organic Carbon	1500	290	mg/kg		J	fd			590	290
RSAH3-0.5B	R0904102	SW 846 8081	SO	4,4-DDE	73	34	ug/kg		J	fd			39	34
RSAH3-0.5B	R0904102	SW 846 8081	SO	4,4-DDT	69	34	ug/kg		J	fd			35	34
RSAH3-0.5B	R0904102	SW 846 8081	SO	Beta-BHC	230	17	ug/kg		J	fd			165	18
RSAH3-0.5B	R0904102	SW 846 8081	SO	Hexachlorobenzene	180	17	ug/kg		J	fd			156	18
RSAH3-0.5B	R0904102	SW 846 8270C	SO	Hexachlorobenzene	220	6.8	ug/kg		J	fd			189	6.8
RSAH3-0.5B	R0904102	SW 846 8270C	SO	Octachlorostyrene	79	6.8	ug/kg		J	fd			67	6.8
RSAH3-0.5B	R0904102	SW6010	SO	Calcium	19700	10.2	mg/kg		J	fd	57	50		
RSAH3-0.5B	R0904102	SW6020	SO	Tungsten	0.43	0.1	mg/kg	N	J	m,fd			0.3	0.10
RSAH3009-0.5B	R0904102	EPA 350.1	SO	Ammonia (as N)	2.06	0.52	mg/kg		J	be,bf,fd			1.99	0.52
RSAH3009-0.5B	R0904102	Lloyd Kahn	SO	Total Organic Carbon	910	280	mg/kg		J	fd			590	290
RSAH3009-0.5B	R0904102	SW 846 8081	SO	Beta-BHC	65	18	ug/kg		J	fd			165	18
RSAH3009-0.5B	R0904102	SW 846 8081	SO	Hexachlorobenzene	24	18	ug/kg		J	fd			156	18
RSAH3009-0.5B	R0904102	SW 846 8270C	SO	Hexachlorobenzene	31	6.8	ug/kg		J	fd			189	6.8
RSAH3009-0.5B	R0904102	SW 846 8270C	SO	Octachlorostyrene	12	6.8	ug/kg		J	fd			67	6.8
RSAH3009-0.5B	R0904102	SW6010	SO	Calcium	35300	10.2	mg/kg		J	fd	57	50		
RSAH3009-0.5B	R0904102	SW6020	SO	Tungsten	0.13	0.1	mg/kg	N	J	m,fd			0.3	0.10

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

RPD - Relative Percent Difference

Diff - Difference

Laboratory Qualifiers:

B - Analyte found in the associated method blank

D - Analysis at a secondary dilution factor

K - Estimated Maximum Possible Concentration (EMPC) reported

J - Estimated value

N - Sample spike recovery not within control limits

U - Analyte was analyzed for but not detected

Table 3-11
Qualifications Based on Quantitation Problems

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason
SA180-0.5B	E0800616	EPA 1668A	SO	PCBs 110 + 115	8670	ng/kg		J	e
SA180-0.5B	E0800616	EPA 1668A	SO	PCBs 129 + 138 + 163	9740	ng/kg		J	e
SA57-0.5B	E0800616	EPA 1668A	SO	PCBs 110 + 115	7790	ng/kg		J	e
SA57-0.5B	E0800616	EPA 1668A	SO	PCB-7	19.7	ng/kg		JK	k
SA57-0.5B	E0800616	EPA 1668A	SO	PCB-9	87.3	ng/kg		JK	k
SA57-0.5B	E0800616	SW 846 8290	SO	Octachlorodibenzofuran	2110	ng/kg		J	e
SA57-0.5B	E0800616	SW 846 8290	SO	Heptachlorodibenzofuran	673	ng/kg		J	e
SA57-0.5B	E0800616	SW 846 8290	SO	Tetrachlorodibenzofuran	248	ng/kg		J	e
SA87-0.5B	E0800616	SW 846 8290	SO	Octachlorodibenzofuran	4380	ng/kg		J	i,e
SA87-0.5B	E0800616	SW 846 8290	SO	Heptachlorodibenzofuran	1110	ng/kg		J	e
SA87-0.5B	E0800616	SW 846 8290	SO	Heptachlorodibenzofuran	603	ng/kg		J	e
SA87-0.5B	E0800616	SW 846 8290	SO	Hexachlorodibenzofuran	909	ng/kg		J	e
SA87-0.5B	E0800616	SW 846 8290	SO	Tetrachlorodibenzofuran	450	ng/kg		J	e
SA207-0.5B	E0800626	SW 846 8290	SO	Octachlorodibenzofuran	294000	ng/kg		J	e
SA207-0.5B	E0800626	SW 846 8290	SO	Heptachlorodibenzofuran	92100	ng/kg		J	e
SA207-0.5B	E0800626	SW 846 8290	SO	Tetrachlorodibenzofuran	10900	ng/kg		J	e
RSAN2-0.5B	E0800640	SW 846 8290	SO	Heptachlorodibenzo-p-	1080	ng/kg		J	e
RSAN2-0.5B	E0800640	SW 846 8290	SO	Tetrachlorodibenzofuran	162	ng/kg		J	e
RSAN2-0.5B	E0800640	SW 846 8290	SO	Pentachlorodibenzofuran	199	ng/kg		JK	k
RSAN2-0.5B	E0800640	SW 846 8290	SO	Hexachlorodibenzofuran	291	ng/kg		JK	k
RSA04-0.5B	E0800645	EPA 1668A	SO	PCB-11	7260	ng/kg		J	e
RSA04-10B	E0800645	EPA 1668A	SO	PCB-15	169	ng/kg		JK	k
RSA04-20B	E0800645	EPA 1668A	SO	PCB-134	3.73	ng/kg		JK	k
RSAO2-33B	E0800646	EPA 1668A	SO	PCB-16	29.0	ng/kg		JK	k
SA48-0.5B	E0800649	EPA 1668A	SO	Decachlorobiphenyl	25500	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-105	10600	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-118	16100	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-132	11900	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-170	8590	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-52	11900	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-95	23400	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 110 + 115	39100	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 129 + 138 + 163	33100	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 135 + 151	9230	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 147 + 149	21900	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 153 + 168	25200	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 180 + 193	15800	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 61 + 70 + 74 + 76	8110	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 83 + 99	12700	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	+ 119 + 125	19100	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCBs 90 + 101 + 113	27000	ng/kg		J	e
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-14	37.9	ng/kg		JK	k
SA48-0.5B	E0800649	EPA 1668A	SO	PCB-143	116	ng/kg		JK	k
SA48-20B	E0800649	EPA 1668A	SO	Decachlorobiphenyl	13000	ng/kg		J	e
SA48-20B	E0800649	EPA 1668A	SO	PCB-6	514	ng/kg		JK	k
SA48-20B	E0800649	EPA 1668A	SO	PCB-8	719	ng/kg		JK	k
SA48-20B	E0800649	EPA 1668A	SO	PCB-9	180	ng/kg		JK	k
RSAJ7-0.5B	E0800649	SW 846 8290	SO	Octachlorodibenzofuran	725000	ng/kg		J	e,i
RSAJ7-0.5B	E0800649	SW 846 8290	SO	Heptachlorodibenzofuran	220000	ng/kg		J	e
RSAJ7-0.5B	E0800649	SW 846 8290	SO	Hexachlorodibenzofuran	123000	ng/kg		J	e
RSAK7-0.5B	E0800649	SW 846 8290	SO	Octachlorodibenzofuran	0	ng/kg		J	e,i
RSAK7-0.5B	E0800649	SW 846 8290	SO	Heptachlorodibenzofuran	713000	ng/kg		J	e
RSAK7-0.5B	E0800649	SW 846 8290	SO	Heptachlorodibenzofuran	293000	ng/kg		J	e
RSAK7-0.5B	E0800649	SW 846 8290	SO	Hexachlorodibenzofuran	390000	ng/kg		J	e
RSAK7-0.5B	E0800649	SW 846 8290	SO	Hexachlorodibenzofuran	241000	ng/kg		J	e
RSAK7-0.5B	E0800649	SW 846 8290	SO	Hexachlorodibenzofuran	36900	ng/kg		JK	k
RSAK7-0.5B	E0800649	SW 846 8290	SO	Pentachlorodibenzofuran	168000	ng/kg		J	e

Table 3-11
Qualifications Based on Quantitation Problems

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason
RSAK7-0.5BDL	E0800649	SW 846 8290	SO	Tetrachlorodibenzofuran	317000	ng/kg		J	e
RSAJ8-0.5B	E0800661	SW 846 8290	SO	Hexachlorodibenzofuran	113000	ng/kg		J	e
RSA12-0.5B	1	SW 846 8290	SO	Pentachlorodibenzo-p-	767	ng/kg	K,D	JK	k
RSA12-0.5B	1	SW 846 8290	SO	Dibenzofurans, (Total)	0	ng/kg	E	J	i,e
RSAJ3-0.5B	1	SW 846 8290	SO	Octachlorodibenzofuran	9300	ng/kg	BE	J	e
RSAJ3-0.5B	1	SW 846 8290	SO	Heptachlorodibenzofuran	2410	ng/kg	BE	J	e
RSAJ3-0.5B	1	SW 846 8290	SO	Heptachlorodibenzofuran	1210	ng/kg	E	J	e
RSAJ3-0.5B	1	SW 846 8290	SO	Hexachlorodibenzofuran	1140	ng/kg	E	J	e
RSAJ3-0.5B	1	SW 846 8290	SO	p-dioxin	8.16	ng/kg	K	JK	k
RSAK5-0.5B	1	SW 846 8290	SO	Pentachlorodibenzofuran	3970	ng/kg	K,D	JK	k
RSAK5-0.5B	1	SW 846 8290	SO	Pentachlorodibenzo-p-	327	ng/kg	K,D	JK	k
RSAK5-0.5B	1	SW 846 8290	SO	Pentachlorodibenzofuran	1740	ng/kg	K,D	JK	k
RSAL3-0.5B	1	SW 846 8290	SO	Pentachlorodibenzofuran	388	ng/kg	K	JK	k
RSAM2-0.5B	1	SW 846 8290	SO	Hexachlorodibenzo-p-	0.155	ng/kg	JK	JK	k
RSAM2-0.5B	1	SW 846 8290	SO	Hexachlorodibenzo-p-	0.599	ng/kg	JK	JK	k
RSAM2-0.5B	1	SW 846 8290	SO	Hexachlorodibenzofuran	1.26	ng/kg	JK	JK	k
RSAM3-0.5B	1	SW 846 8290	SO	Hexachlorodibenzo-p-	0.343	ng/kg	JK	JK	k
RSAM3-0.5B	1	SW 846 8290	SO	Hexachlorodibenzofuran	0.199	ng/kg	JK	JK	k
RSAM3-0.5B	1	SW 846 8290	SO	Pentachlorodibenzofuran	0.635	ng/kg	JK	JK	k
SA100-0.5B	1	SW 846 8290	SO	Pentachlorodibenzofuran	14.1	ng/kg	K	JK	k
SA100-0.5B	1	SW 846 8290	SO	Hexachlorodibenzofuran	1.80	ng/kg	JK	JK	k
SA100-0.5B	1	SW 846 8290	SO	Pentachlorodibenzofuran	4.79	ng/kg	K	JK	k
SA100-0.5B	1	SW 846 8290	SO	p-dioxin	0.225	ng/kg	JK	JK	k
SA152-0.5B	1	SW 846 8290	SO	Hexachlorodibenzo-p-	1.97	ng/kg	JK	JK	k
SA152-0.5B	1	SW 846 8290	SO	Hexachlorodibenzofuran	15.9	ng/kg	K	JK	k,fd
SA152-0.5B	1	SW 846 8290	SO	p-dioxin	1.11	ng/kg	K	JK	k
SA152009-0.5B	1	SW 846 8290	SO	Heptachlorodibenzofuran	0.941	ng/kg	JK	JK	fd,k
SA152009-0.5B	1	SW 846 8290	SO	Hexachlorodibenzofuran	0.634	ng/kg	JK	JK	fd,k
SA152009-0.5BRE	1	SW 846 8290	SO	Tetrachlorodibenzofuran	3.35	ng/kg	K	JK	fd,k
SA202-0.5B	1	SW 846 8290	SO	Hexachlorodibenzofuran	13.7	ng/kg	K	JK	k
SA202-0.5B	1	SW 846 8290	SO	p-dioxin	0.795	ng/kg	JK	JK	k
SA76-0.5B	1	SW 846 8290	SO	Dibenzofurans, (Total)	983000	ng/kg	E	J	e
SA76009-0.5B	1	SW 846 8290	SO	Pentachlorodibenzo-p-	1190	ng/kg	K,D	JK	k
SA76009-0.5B	1	SW 846 8290	SO	Dibenzofurans, (Total)	0	ng/kg	E	J	i,e
RSAJ6-0.5B	4	SW 846 8290	SO	Dibenzofurans, (Total)	0	ng/kg	E	J	i,e
RSAK4-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	734	ng/kg	K,D	JK	k
RSAK4009-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	447	ng/kg		JK	k
RSAK4009-0.5B	4	SW 846 8290	SO	Pentachlorodibenzofuran	1150	ng/kg	K,D	JK	k
RSAK4009-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	684	ng/kg	K,D	JK	k
RSAK6-0.5B	4	SW 846 8290	SO	Hexachlorodibenzo-p-	0.139	ng/kg	JK	JK	k
RSAK6-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	0.289	ng/kg	JK	JK	k
RSAL7-0.5B	4	SW 846 8290	SO	Hexachlorodibenzo-p-	0.240	ng/kg	JK	JK	k
RSAL7-0.5B	4	SW 846 8290	SO	Hexachlorodibenzo-p-	0.249	ng/kg	JK	JK	k
RSAL7-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	0.518	ng/kg	JK	JK	k
RSAL7-0.5B	4	SW 846 8290	SO	Pentachlorodibenzofuran	0.516	ng/kg	JK	JK	k
SA134-0.5B	4	SW 846 8290	SO	Hexachlorodibenzo-p-	322	ng/kg	JK,D	JK	k
SA134-0.5B	4	SW 846 8290	SO	Pentachlorodibenzo-p-	644	ng/kg	JK,D	JK	k
SA166-0.5B	4	EPA 1668A	SO	PCB-111	1.88	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-114	9.77	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-121	0.955	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-122	2.20	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-127	1.26	ng/kg	JK	JK	k,sp

Table 3-11
Qualifications Based on Quantitation Problems

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason
SA166-0.5B	4	EPA 1668A	SO	PCB-155	2.49	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-159	8.49	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-161	2.16	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-189	11.0	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-19	1.55	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-35	8.18	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-39	2.85	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-55	0.654	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-58	0.670	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCB-8	9.26	ng/kg	BJK	UJK	bl,k
SA166-0.5B	4	EPA 1668A	SO	PCB-89	3.04	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCBs 26 + 29	2.28	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCBs 43 + 73	1.22	ng/kg	JK	JK	k,sp
SA166-0.5B	4	EPA 1668A	SO	PCBs 93 + 100	3.65	ng/kg	JK	JK	k,sp
SA166-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	0.865	ng/kg	JK	JK	k
SA166-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	1.54	ng/kg	JK	JK	k
SA166-0.5B	4	SW 846 8290	SO	p-dioxin	0.433	ng/kg	JK	JK	k
SA35-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	6.95	ng/kg	K	JK	k
SA35-0.5B	4	SW 846 8290	SO	Hexachlorodibenzo-p-	0.772	ng/kg	JK	JK	k
SA35-0.5B	4	SW 846 8290	SO	Pentachlorodibenzofuran	4.86	ng/kg	K	JK	k
SA35-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	2.00	ng/kg	JK	JK	k
SA55-0.5B	4	SW 846 8290	SO	Heptachlorodibenzofuran	0.471	ng/kg	JK	JK	k
SA56-0.5B	4	EPA 1668A	SO	Decachlorobiphenyl	20700	ng/kg	BE	J	e
SA56-0.5B	4	EPA 1668A	SO	PCB-10	5.30	ng/kg	K	JK	k
SA56-0.5B	4	EPA 1668A	SO	PCB-114	251	ng/kg	K	JK	k
SA56-0.5B	4	EPA 1668A	SO	PCB-148	12.1	ng/kg	JK	JK	k,sp
SA56-0.5B	4	EPA 1668A	SO	PCB-162	109	ng/kg	K	JK	k
SA56-0.5B	4	EPA 1668A	SO	PCB-164	245	ng/kg	K	JK	k
SA56-0.5B	4	EPA 1668A	SO	PCB-191	134	ng/kg	K	JK	k
SA56-0.5B	4	EPA 1668A	SO	PCB-66	45.9	ng/kg	BJK	JK	k,sp
SA56-0.5B	4	EPA 1668A	SO	PCB-67	4.37	ng/kg	JK	JK	k,sp
SA56-0.5B	4	EPA 1668A	SO	PCB-95	3880	ng/kg	BE	J	e
SA56-0.5B	4	EPA 1668A	SO	PCBs 110 + 115	6420	ng/kg	BE	J	e
SA56-0.5B	4	EPA 1668A	SO	PCBs 129 + 138 + 163	8450	ng/kg	BE	J	e
SA56-0.5B	4	EPA 1668A	SO	PCBs 147 + 149	5180	ng/kg	BE	J	e
SA56-0.5B	4	EPA 1668A	SO	PCBs 153 + 168	7530	ng/kg	BE	J	e
SA56-0.5B	4	EPA 1668A	SO	PCBs 180 + 193	4800	ng/kg	BE	J	e
SA56-0.5B	4	SW 846 8290	SO	Octachlorodibenzofuran	5730	ng/kg	BE	J	i,e
SA56-0.5B	4	SW 846 8290	SO	Heptachlorodibenzofuran	1860	ng/kg	E	J	e
SA56-0.5B	4	SW 846 8290	SO	Heptachlorodibenzofuran	1020	ng/kg	E	J	e
SA56-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	2420	ng/kg	E	J	e
SA56-0.5B	4	SW 846 8290	SO	Hexachlorodibenzofuran	818	ng/kg	E	J	e
SA56-0.5B	4	SW 846 8290	SO	Pentachlorodibenzofuran	1050	ng/kg	E	J	e
SA56-0.5BRE	4	SW 846 8290	SO	Tetrachlorodibenzofuran	353	ng/kg	E	J	e
RSAL4-0.5B	9	SW 846 8290	SO	Octachlorodibenzofuran	3030	ng/kg	BE	J	e
RSAL4-0.5B	9	SW 846 8290	SO	Heptachlorodibenzofuran	990	ng/kg	BE	J	e
RSAL4009-0.5B	9	SW 846 8290	SO	Octachlorodibenzofuran	2520	ng/kg	BE	J	e
RSAL4009-0.5B	9	SW 846 8290	SO	Heptachlorodibenzofuran	822	ng/kg	BE	J	e
SA206-0.5B	9	SW 846 8290	SO	Octachlorodibenzofuran	5030	ng/kg	BE	J	e
SA206-0.5B	9	SW 846 8290	SO	Heptachlorodibenzofuran	1770	ng/kg	BE	J	e
SA206-0.5B	9	SW 846 8290	SO	Heptachlorodibenzofuran	799	ng/kg	E	J	e
SA206-0.5B	9	SW 846 8290	SO	Hexachlorodibenzofuran	1060	ng/kg	BEP	J	e

Table 3-11
Qualifications Based on Quantitation Problems

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason
SA206-0.5B	9	SW 846 8290	SO	Hexachlorodibenzofuran	550	ng/kg	E	J	e
SA206-0.5B	9	SW 846 8290	SO	Pentachlorodibenzofuran	514	ng/kg	E	J	e
SA206-0.5BRE	9	SW 846 8290	SO	Tetrachlorodibenzofuran	422	ng/kg	E	J	e
SA69-0.5B	9	SW 846 8290	SO	p-dioxin	0.224	ng/kg	JK	JK	k,sp
RSAN3-0.5B	0	SW 846 8290	SO	p-dioxin	0.157	ng/kg	JK	JK	k,sp
RSAN4-0.5B	0	SW 846 8290	SO	Hexachlorodibenzofuran	0.116	ng/kg	JK	JK	k,sp
RSAN4-0.5B	0	SW 846 8290	SO	Hexachlorodibenzofuran	0.0997	ng/kg	JK	JK	k,sp
RSAJ5009-19B	0	SW 846 8081	SO	Beta-BHC	25	ug/kg		J	dc
RSAJ5-19B	0	SW 846 8081	SO	Delta-BHC	10	ug/kg	J	J	dc,sp
RS AK5-10B	0	SW 846 8081	SO	Beta-BHC	15	ug/kg	J	J	dc,sp
RSAL5-0.5B	0	SW 846 8290	SO	Octachlorodibenzofuran	4700	ng/kg	BE	J	e,i
RSAL5-0.5B	0	SW 846 8290	SO	Heptachlorodibenzofuran	1590	ng/kg	E	J	e
RSAL5-0.5B	0	SW 846 8290	SO	Heptachlorodibenzofuran	669	ng/kg	E	J	e
RSAL5-0.5B	0	SW 846 8290	SO	Hexachlorodibenzofuran	869	ng/kg	EP	J	e
SA74-0.5B	0	SW 846 8290	SO	Hexachlorodibenzo-p-	0.907	ng/kg	JK	JK	k,sp
SA74-0.5B	0	SW 846 8290	SO	p-dioxin	0.320	ng/kg	JK	JK	k,sp
SA166-31B	6	EPA 1668A	SO	PCB-133	1.18	ng/kg	JK	JK	k,sp
SA166-31B	6	EPA 1668A	SO	PCB-144	7.53	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-172	2.84	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-177	10.4	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-190	2.06	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-196	2.88	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-201	2.28	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-207	2.12	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-82	2.94	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCB-92	15.1	ng/kg	BJK	UJK	bl,k
SA166-31B	6	EPA 1668A	SO	PCBs 107 + 124	2.09	ng/kg	BJK	UJK	bl,k
SA56-37B	6	EPA 1668A	SO	PCB-130	8.93	ng/kg	BJK	UJK	bl,k
SA56-37B	6	EPA 1668A	SO	PCB-190	2.02	ng/kg	BJK	UJK	bl,k
SA56-37B	6	EPA 1668A	SO	PCB-194	5.10	ng/kg	BJK	UJK	bl,k
SA56-37B	6	EPA 1668A	SO	PCB-195	2.09	ng/kg	BJK	UJK	bl,k
SA56-37B	6	EPA 1668A	SO	PCB-200	2.17	ng/kg	BJK	UJK	bl,k
SA56-37B	6	EPA 1668A	SO	PCBs 50 + 53	5.15	ng/kg	BJK	UJK	bl,k
RS AI4-0.5B	2	SW 846 8290	SO	Heptachlorodibenzo-p-	1.40	ng/kg	JK	JK	k,sp
RS AI4-0.5B	2	SW 846 8290	SO	Heptachlorodibenzofuran	8.84	ng/kg	KP	JK	k
RS AI4-0.5B	2	SW 846 8290	SO	Hexachlorodibenzo-p-	0.561	ng/kg	JK	JK	k,sp
RS AI4-0.5B	2	SW 846 8290	SO	Hexachlorodibenzofuran	0.683	ng/kg	JK	JK	k,sp
RS AI5-0.5B	2	SW 846 8290	SO	Heptachlorodibenzofuran	26.3	ng/kg	KP	JK	k
RS AI5-0.5B	2	SW 846 8290	SO	Hexachlorodibenzo-p-	0.490	ng/kg	JK	JK	k,sp
RS AI5-0.5B	2	SW 846 8290	SO	Pentachlorodibenzo-p-	0.760	ng/kg	JK	JK	k,sp
RS AI5-0.5BRE	2	SW 846 8290	SO	Tetrachlorodibenzofuran	4.96	ng/kg	K	JK	k
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-141	12.2	ng/kg		UJK	bl,k
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-158	3.76	ng/kg		UJK	bl,k
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-176	2.39	ng/kg		JK	k,sp
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-178	6.12	ng/kg		UJK	bl,k
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-197	1.85	ng/kg		JK	k,sp
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-201	20.9	ng/kg		UJK	bl,k
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCB-8	30.7	ng/kg		JK	k,sp
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 26 + 29	5.07	ng/kg		JK	k,sp
RSAN2-0.5B	E0800640	EPA 1668A	SO	PCBs 44 + 47 + 65	21.9	ng/kg		UJK	bl,k
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-144	4.53	ng/kg		UJK	bl,k
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-146	7.01	ng/kg		UJK	bl,k

Table 3-11
Qualifications Based on Quantitation Problems

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-158	5.11	ng/kg		UJK	bl,k
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-164	5.40	ng/kg		UJK	bl,k
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-170	8.95	ng/kg		JK	k,sp
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-177	9.24	ng/kg		UJK	bl,k
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-183	20.5	ng/kg		UJK	bl,k
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-22	28.2	ng/kg		UJK	bl,k
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-25	6.43	ng/kg		JK	k,sp
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-42	15.4	ng/kg		JK	k,sp
RSAN2-10B	E0800640	EPA 1668A	SO	PCB-56	11.0	ng/kg		JK	k,sp
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 49 + 69	33.1	ng/kg		JK	k,sp
RSAN2-10B	E0800640	EPA 1668A	SO	PCBs 85 + 116	3.87	ng/kg		UJK	bl,k
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-15	14.1	ng/kg		JK	k,sp
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-183	19.2	ng/kg		UJK	bl,k
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-48	4.81	ng/kg		JK	k,sp
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-60	3.86	ng/kg		JK	k,sp
RSAN2-20B	E0800640	EPA 1668A	SO	PCB-82	1.69	ng/kg		JK	k,sp
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 128 + 166	4.40	ng/kg		UJK	bl,k
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 171 + 173	5.60	ng/kg		JK	k,sp
RSAN2-20B	E0800640	EPA 1668A	SO	PCBs 85 + 116	3.14	ng/kg		UJK	bl,k

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
- D - Analysis at a secondary dilution factor
- E - Compound exceeds the calibration range
- J - Estimated value
- K - Estimated Maximum Possible Concentration (EMPC) reported
- P - Chlorodiphenyl ether interference at the retention time of this compound

Table 3-12
Qualifications Based on Professional Judgement

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Qualifiers	Reason
RSAJ8-0.5B	2	8015B	SO	Diesel Range Organics (DRO)	49000	ug/kg	J-	p
RSAJ8-0.5B	2	8015B	SO	Oil Range Organics	46000	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	4,4-DDD	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	4,4-DDE	630	ug/kg	J	p
RSAJ8-0.5B	2	SW 846 8081	SO	4,4-DDT	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Aldrin	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Alpha-BHC	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Alpha-chlordane	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Beta-BHC	940	ug/kg	J	p
RSAJ8-0.5B	2	SW 846 8081	SO	Delta-BHC	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Dieldrin	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Endosulfan I	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Endosulfan II	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Endosulfan Sulfate	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Endrin	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Endrin Aldehyde	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Endrin Ketone	380	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Gamma-BHC (Lindane)	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Gamma-Chlordane	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Heptachlor	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Heptachlor Epoxide	200	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Methoxychlor	2000	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Tech-Chlordane	960	ug/kg	UJ	p
RSAJ8-0.5B	2	SW 846 8081	SO	Toxaphene	3800	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	1,4-Dioxane	78	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	2-Methylnaphthalene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Acenaphthene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Acenaphthylene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Anthracene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Benzo(b)fluoranthene	10	ug/kg	J	p
RSAJ8-0.5B	2	8270C	SO	bis(2-Ethylhexyl)phthalate	200	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Butyl benzyl phthalate	200	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Chrysene	16	ug/kg	J	p
RSAJ8-0.5B	2	8270C	SO	Dibenz(a,h)anthracene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Diethyl phthalate	200	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Dimethyl phthalate	200	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Di-N-Butyl phthalate	200	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Di-N-Octyl phthalate	200	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Fluoranthene	16	ug/kg	J	p
RSAJ8-0.5B	2	8270C	SO	Fluorene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Hexachlorobenzene	14000	ug/kg	J	p
RSAJ8-0.5B	2	8270C	SO	Naphthalene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Nitrobenzene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Octachlorostyrene	3000	ug/kg	J	p
RSAJ8-0.5B	2	8270C	SO	Phenanthrene	7.7	ug/kg	UJ	p
RSAJ8-0.5B	2	8270C	SO	Pyrene	11	ug/kg	J	p
RSAJ8-0.5B	2	8270C	SO	Pyridine	78	ug/kg	UJ	p
RSAJ8-30B	2	8015B	SO	Diesel Range Organics (DRO)	44000	ug/kg	UJ	p
RSAJ8-30B	2	8015B	SO	Oil Range Organics	44000	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	4,4-DDD	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	4,4-DDE	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	4,4-DDT	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Aldrin	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Alpha-BHC	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Alpha-chlordane	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Beta-BHC	1.9	ug/kg	UJ	p

**Table 3-12
Qualifications Based on Professional Judgement**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Qualifiers	Reason
RSAJ8-30B	2	SW 846 8081	SO	Delta-BHC	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Dieldrin	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Endosulfan I	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Endosulfan II	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Endosulfan Sulfate	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Endrin	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Endrin Aldehyde	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Endrin Ketone	3.6	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Gamma-BHC (Lindane)	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Gamma-Chlordane	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Heptachlor	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Heptachlor Epoxide	1.9	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Methoxychlor	19	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Tech-Chlordane	9.2	ug/kg	UJ	p
RSAJ8-30B	2	SW 846 8081	SO	Toxaphene	36	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	1,4-Dioxane	74	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	2-Methylnaphthalene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Acenaphthene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Acenaphthylene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Anthracene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Benz(a)anthracene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Benzo(a)pyrene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Benzo(b)fluoranthene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Benzo(g,h,i)perylene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Benzo(k)fluoranthene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Butyl benzyl phthalate	190	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Chrysene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Dibenz(a,h)anthracene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Dimethyl phthalate	190	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Di-N-Butyl phthalate	190	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Di-N-Octyl phthalate	190	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Fluoranthene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Fluorene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Indeno(1,2,3-cd)pyrene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Naphthalene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Nitrobenzene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Octachlorostyrene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Pyrene	7.3	ug/kg	UJ	p
RSAJ8-30B	2	8270C	SO	Pyridine	74	ug/kg	UJ	p

Notes:

No 2009 data were qualified based on professional
Data Qualifiers are defined in Table 2-1
Data Qualifier Reason Codes are defined in Table 2-2

**Table 3-13
Summary of Rejected Data**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason
SA180-30B	6	SW 846 9056	SO	Sulfate	3560	mg/kg		R	o
SA57-20B	6	SW 846 9056	SO	Sulfate	27500	mg/kg		R	o
SA87-20B	6	SW 846 9056	SO	Nitrate (as N)	5.37	mg/kg		R	h
SA87-25B	6	SW 846 9056	SO	Nitrite as Nitrogen	15.0	mg/kg		R	h
SA87-25B	6	SW 846 9056	SO	Sulfate	1200	mg/kg		R	o
SA181-20B	7	SW 846 9056	SO	Sulfate	22500	mg/kg		R	o
SA207-0.5B	7	SW 846 9056	SO	Nitrite as Nitrogen	638	mg/kg		R	h
SA207-10B	7	SW 846 9056	SO	Nitrate (as N)	64.2	mg/kg		R	h
SA207-10B	7	SW 846 9056	SO	Nitrite as Nitrogen	642	mg/kg		R	h
SA207-30B	7	SW 846 9056	SO	Nitrate (as N)	112	mg/kg		R	h
SA207-30B	7	SW 846 9056	SO	Nitrite as Nitrogen	112	mg/kg		R	h
SA207-30B	7	SW 846 9056	SO	Sulfate	22400	mg/kg		R	o
SA207-40B	7	SW 846 9056	SO	Chloride	235	mg/kg		R	o
RSA04-20B	5	SW 846 9056	SO	Sulfate	24900	mg/kg		R	o
RSA04-30B	5	SW 846 9056	SO	Sulfate	1230	mg/kg		R	o
RSA04-36B	5	SW 846 9056	SO	Sulfate	2670	mg/kg		R	o
RSAN2-30B	5	SW 846 9056	SO	Chloride	3110	mg/kg		R	o
RSAN2-30B	5	SW 846 9056	SO	Sulfate	3110	mg/kg		R	o
RSAN2-30BD	5	SW 846 9056	SO	Chloride	3330	mg/kg		R	o
RSAN2-30BD	5	SW 846 9056	SO	Sulfate	3330	mg/kg		R	o
RSAN2-35B	5	SW 846 9056	SO	Chloride	3050	mg/kg		R	o
RSAN2-35B	5	SW 846 9056	SO	Sulfate	3050	mg/kg		R	o
RSAO2-0.5B	5	SW 846 9056	SO	Chloride	222	mg/kg		R	o
RSAO2-20B	5	SW 846 9056	SO	Sulfate	2950	mg/kg		R	o
RSAO2-20BD	5	SW 846 9056	SO	Sulfate	2730	mg/kg		R	o
RSAO2-30B	5	SW 846 9056	SO	Chloride	1330	mg/kg		R	o
RSAO2-30B	5	SW 846 9056	SO	Sulfate	3320	mg/kg		R	o
RSAO2-33B	5	SW 846 9056	SO	Chloride	2910	mg/kg		R	o
SA183-20B	5	SW 846 9056	SO	Sulfate	569	mg/kg		R	o
SA183-30B	5	SW 846 9056	SO	Sulfate	1230	mg/kg		R	o
SA46-30BD	2	SW 846 9056	SO	Chloride	3000	mg/kg		R	o
SA46-30BD	2	SW 846 9056	SO	Sulfate	3000	mg/kg		R	o
SA48-35B	2	SW 846 9056	SO	Chloride	307	mg/kg		R	o
SA48-35B	2	SW 846 9056	SO	Sulfate	1230	mg/kg		R	o
RSAI7-0.5B	2	SW 846 9056	SO	Bromide	10.7	mg/kg		R	m
RSAI7-10B	2	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m
RSAJ8-0.5B	2	SW 846 9056	SO	Bromide	11.6	mg/kg		R	m
RSAJ8-10B	2	SW 846 9056	SO	Bromide	11.1	mg/kg		R	m
RSAJ8-20B	2	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m
RSAJ8-30B	2	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m
RSAJ8-33B	2	SW 846 9056	SO	Bromide	10.3	mg/kg		R	m
RSAK2-20BD	2	SW 846 9056	SO	Sulfate	86.5	mg/kg		R	o
RSAL2-0.5B	2	SW 846 9056	SO	Nitrite as Nitrogen	20.3	mg/kg		R	h
RSAL2-10B	2	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m
RSAL2-20B	2	SW 846 9056	SO	Bromide	11.4	mg/kg		R	m
RSAL2-20BD	2	SW 846 9056	SO	Bromide	11.0	mg/kg		R	m
RSAL2-30B	2	SW 846 9056	SO	Bromide	15.3	mg/kg		R	m
RSAL2-37B	2	SW 846 9056	SO	Bromide	13.4	mg/kg		R	m
RSAL2-37B	2	SW 846 9056	SO	Sulfate	26800	mg/kg		R	o
RSAL2-40B	2	SW 846 9056	SO	Bromide	14.5	mg/kg		R	m
SA182-0.5B	4	SW 846 8081	SO	Endrin Aldehyde	2100	ug/kg	U	R	m
RSAK4-10B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
RSAK4-20B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
RSAK4-31B	9	SW6010	SO	Antimony	0.6	mg/kg	U,N	R	m
RSAL4-0.5B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
RSAL4009-0.5B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m

**Table 3-13
Summary of Rejected Data**

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	LabQual	Qualifiers	Reason
RSAL4-10B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
RSAL4-28B	9	SW6010	SO	Antimony	0.8	mg/kg	U,N	R	m
SA100-10B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
SA100-30B	9	SW6010	SO	Antimony	0.6	mg/kg	U,N	R	m
SA206-0.5B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
SA206-10B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
SA206-25B	9	SW6010	SO	Antimony	0.8	mg/kg	U,N	R	m
SA206-30B	9	SW6010	SO	Antimony	0.7	mg/kg	U,N	R	m
SA69-0.5B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
SA69-10B	9	SW6010	SO	Antimony	0.5	mg/kg	U,N	R	m
SA69-29B	9	SW6010	SO	Antimony	0.6	mg/kg	U,N	R	m
RSAM4-30B	0	SM 5540C	SO	MBAS	0.8	mg/kg	U	R	m
SA85-10B	0	SM 5540C	SO	MBAS	0.6	mg/kg	U	R	m
SA85-20B	0	SM 5540C	SO	MBAS	0.6	mg/kg	U	R	m
SA166-10BSPLP3	4	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph
SA56-10BSPLP2	4	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph
RSAJ3-10BSPLP2	3	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph
RSAJ3-10BSPLP3	3	SW 846 9012A	W	Cyanide	0.005	mg/l	U	R	ph
SA127-32B	9	SW 846 8260B	SO	1,1,1-Trichloroethane	0.41	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	1,1-Dichloroethane	0.31	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	1,1-Dichloroethene	0.62	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	2,2-Dichloropropane	0.54	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	2-Butanone	1.5	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	2-Methoxy-2-methyl-butane	0.22	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Bromochloromethane	0.62	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Bromomethane	0.87	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Chloroethane	0.83	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Chloromethane	0.58	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	cis-1,2-Dichloroethene	0.43	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Dichlorodifluoromethane	1.0	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Ethyl t-butyl ether	0.46	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	isopropyl ether	0.46	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Methyl tert butyl ether	0.43	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	t-Butyl alcohol	14	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	trans-1,2-Dichloroethylene	0.60	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Trichlorofluoromethane	0.64	ug/kg	U	R	i
SA127-32B	9	SW 846 8260B	SO	Vinylchloride	0.45	ug/kg	U	R	i

Notes:

Data Qualifiers are defined in Table 2-1

Data Qualifier Reason Codes are defined in Table 2-2

Laboratory Qualifiers:

N - Sample spike recovery not within control limits

U - Analyte was analyzed for but not detected