

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	8270C	Total Semi-Volatile Organic	69.0		23.0		100.00
GP07	CMS-142-A	GP07-FD	8270C	1,2,4-Trichlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,2,4-Trichlorobenzene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,2-Dichlorobenzene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,2-Dichlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,3-Dichlorobenzene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,3-Dichlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,4-Dichlorobenzene	0.58	UJ	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	1,4-Dichlorobenzene	0.58	UJ	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4,5-Trichlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4,6-Trichlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dichlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dimethylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dinitrophenol	2.8	UJ	2.7	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,4-Dinitrotoluene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2,6-Dinitrotoluene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Chloronaphthalene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Chlorophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Methylnaphthalene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Methylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Nitroaniline	2.8	UJ	2.7	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	2-Nitrophenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	3&4 Methylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	3,3'-Dichlorobenzidine	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	3-Nitroaniline	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4,6-Dinitro-2-methylphenol	2.8	UJ	2.7	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Bromophenyl phenyl ether	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Chloro-3-methylphenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Chloroaniline	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Chlorophenyl phenyl ether	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Nitroaniline	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	4-Nitrophenol	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Acenaphthene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Acenaphthylene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Anthracene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benzo(a)anthracene	0.27	J	0.14	J	63.41
GP07	CMS-142-A	GP07-FD	8270C	Benzo(a)pyrene	0.25	J	0.14	J	56.41
GP07	CMS-142-A	GP07-FD	8270C	Benzo(b)fluoranthene	0.52	J	0.27	J	63.29
GP07	CMS-142-A	GP07-FD	8270C	Benzo(ghi)perylene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benzo(k)fluoranthene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benzoic acid	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Benzyl alcohol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	bis(2-Chloroethoxy)methane	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	bis(2-Chloroethyl) ether	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Bis(2-chloroisopropyl)ether	0.58	U	0.55	U	0.00

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SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP07	CMS-142-A	GP07-FD	8270C	bis(2-Ethylhexyl) phthalate	0.28	J	0.15	J	60.47
GP07	CMS-142-A	GP07-FD	8270C	Butyl benzyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Carbazole	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Chrysene	0.29	J	0.15	J	63.64
GP07	CMS-142-A	GP07-FD	8270C	Di-n-butyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Di-n-octyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Dibenz(a,h)anthracene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Dibenzofuran	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Diethyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Dimethyl phthalate	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Fluoranthene	0.53	J	0.29	J	58.54
GP07	CMS-142-A	GP07-FD	8270C	Fluorene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorobutadiene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorobutadiene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachlorocyclopentadiene	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Hexachloroethane	0.58	UJ	0.55	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	Indeno(1,2,3-cd)pyrene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Isophorone	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	N-Nitrosodi-n-propylamine	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	N-Nitrosodiphenylamine	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Naphthalene	0.58	U	0.011	UJ	0.00
GP07	CMS-142-A	GP07-FD	8270C	Naphthalene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Nitrobenzene	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Pentachlorophenol	2.8	U	2.7	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Phenanthrene	0.3	J	0.16	J	60.87
GP07	CMS-142-A	GP07-FD	8270C	Phenol	0.58	U	0.55	U	0.00
GP07	CMS-142-A	GP07-FD	8270C	Pyrene	0.58		0.3	J	63.64
GP07	CMS-142-A	GP07-FD	8270C	Total Semi-Volatile Organic	3.0		1.6		60.87
GP09	CMS-060-A	GP09-FD	8270C	1,2,4-Trichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,2,4-Trichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,2-Dichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,2-Dichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,3-Dichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,3-Dichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,4-Dichlorobenzene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	1,4-Dichlorobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4,5-Trichlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4,6-Trichlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dichlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dimethylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dinitrophenol	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,4-Dinitrotoluene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2,6-Dinitrotoluene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Chloronaphthalene	0.34	UJ	0.35	UJ	0.00

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SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP09	CMS-060-A	GP09-FD	8270C	2-Chlorophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Methylnaphthalene	0.34	UJ	0.068	J	133.33
GP09	CMS-060-A	GP09-FD	8270C	2-Methylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Nitroaniline	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	2-Nitrophenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	3&4 Methylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	3,3'-Dichlorobenzidine	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	3-Nitroaniline	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4,6-Dinitro-2-methylphenol	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Bromophenyl phenyl ether	0.34	UJ	0.35	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Chloro-3-methylphenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Chloroaniline	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Chlorophenyl phenyl ether	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Nitroaniline	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	4-Nitrophenol	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Acenaphthene	0.062	J	0.076	J	-20.29
GP09	CMS-060-A	GP09-FD	8270C	Acenaphthylene	0.17	J	0.29	J	-52.17
GP09	CMS-060-A	GP09-FD	8270C	Anthracene	0.32	J	0.58		-57.78
GP09	CMS-060-A	GP09-FD	8270C	Benz(a)anthracene	0.91	J	1.5	J	-48.96
GP09	CMS-060-A	GP09-FD	8270C	Benzo(a)pyrene	0.73	J	0.96	J	-27.22
GP09	CMS-060-A	GP09-FD	8270C	Benzo(b)fluoranthene	1.4	J	0.35	UJ	120.00
GP09	CMS-060-A	GP09-FD	8270C	Benzo(ghi)perylene	0.32	J	0.59	J	-59.34
GP09	CMS-060-A	GP09-FD	8270C	Benzo(k)fluoranthene	0.34	UJ	2.3	J	-148.48
GP09	CMS-060-A	GP09-FD	8270C	Benzoic acid	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Benzyl alcohol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	bis(2-Chloroethoxy)methane	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	bis(2-Chloroethyl) ether	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Bis(2-chloroisopropyl)ether	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	bis(2-Ethylhexyl) phthalate	0.1	J	0.21	J	-70.97
GP09	CMS-060-A	GP09-FD	8270C	Butyl benzyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Carbazole	0.34	UJ	0.24	J	34.48
GP09	CMS-060-A	GP09-FD	8270C	Chrysene	0.79	J	1.4	J	-55.71
GP09	CMS-060-A	GP09-FD	8270C	Di-n-butyl phthalate	0.34	UJ	0.079	J	124.58
GP09	CMS-060-A	GP09-FD	8270C	Di-n-octyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Dibenz(a,h)anthracene	0.12	J	0.23	J	-62.86
GP09	CMS-060-A	GP09-FD	8270C	Dibenzofuran	0.072	J	0.12	J	-50.00
GP09	CMS-060-A	GP09-FD	8270C	Diethyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Dimethyl phthalate	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Fluoranthene	2.4	J	3.7		-42.62
GP09	CMS-060-A	GP09-FD	8270C	Fluorene	0.093	J	0.16	J	-52.96
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorobenzene	0.34	UJ	0.35	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorobutadiene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorobutadiene	0.34	UJ	2.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachlorocyclopentadiene	1.6	UJ	1.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Hexachloroethane	0.34	UJ	0.35	UJ	0.00

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SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP09	CMS-060-A	GP09-FD	8270C	Indeno(1,2,3-cd)pyrene	0.31	J	0.55	J	-55.81
GP09	CMS-060-A	GP09-FD	8270C	Isophorone	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	N-Nitrosodi-n-propylamine	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	N-Nitrosodiphenylamine	0.34	UJ	0.35	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Naphthalene	0.34	UJ	2.7	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Naphthalene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Nitrobenzene	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Pentachlorophenol	1.6	UJ	1.7	U	0.00
GP09	CMS-060-A	GP09-FD	8270C	Phenanthrene	1.6	J	2.9		-57.78
GP09	CMS-060-A	GP09-FD	8270C	Phenol	0.34	UJ	0.35	UJ	0.00
GP09	CMS-060-A	GP09-FD	8270C	Pyrene	2.1	J	4.0	J	-62.30
GP09	CMS-060-A	GP09-FD	8270C	Total Semi-Volatile Organic	11.0	J	20.0	J	-58.06
GP13	CMS-423-D	GP13-FD	8270C	1,2,4-Trichlorobenzene	0.15	J	0.081	J	59.74
GP13	CMS-423-D	GP13-FD	8270C	1,2,4-Trichlorobenzene	0.15	J	0.0049	U	187.35
GP13	CMS-423-D	GP13-FD	8270C	1,2-Dichlorobenzene	0.057	J	0.0049	U	168.34
GP13	CMS-423-D	GP13-FD	8270C	1,2-Dichlorobenzene	0.057	J	0.39	U	-148.99
GP13	CMS-423-D	GP13-FD	8270C	1,3-Dichlorobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	1,3-Dichlorobenzene	0.37	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	1,4-Dichlorobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	1,4-Dichlorobenzene	0.37	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4,5-Trichlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4,6-Trichlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dichlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dimethylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dinitrophenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,4-Dinitrotoluene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2,6-Dinitrotoluene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Chloronaphthalene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Chlorophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Methylnaphthalene	0.081	J	0.39	U	-131.21
GP13	CMS-423-D	GP13-FD	8270C	2-Methylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Nitroaniline	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	2-Nitrophenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	3&4 Methylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	3,3'-Dichlorobenzidine	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	3-Nitroaniline	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4,6-Dinitro-2-methylphenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Bromophenyl phenyl ether	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Chloro-3-methylphenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Chloroaniline	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Chlorophenyl phenyl ether	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Nitroaniline	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	4-Nitrophenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Acenaphthene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Acenaphthylene	0.12	J	0.39	U	-105.88

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SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP13	CMS-423-D	GP13-FD	8270C	Anthracene	0.089	J	0.39	U	-125.68
GP13	CMS-423-D	GP13-FD	8270C	Benz(a)anthracene	0.23	J	0.18	J	24.39
GP13	CMS-423-D	GP13-FD	8270C	Benzo(a)pyrene	0.28	J	0.17	J	48.89
GP13	CMS-423-D	GP13-FD	8270C	Benzo(b)fluoranthene	0.52		0.32	J	47.62
GP13	CMS-423-D	GP13-FD	8270C	Benzo(ghi)perylene	0.17	J	0.39	U	-78.57
GP13	CMS-423-D	GP13-FD	8270C	Benzo(k)fluoranthene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Benzoic acid	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Benzyl alcohol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	bis(2-Chloroethoxy)methane	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	bis(2-Chloroethyl) ether	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Bis(2-chloroisopropyl)ether	0.37	UJ	0.39	UJ	0.00
GP13	CMS-423-D	GP13-FD	8270C	bis(2-Ethylhexyl) phthalate	1.7		2.3		-30.00
GP13	CMS-423-D	GP13-FD	8270C	Butyl benzyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Carbazole	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Chrysene	0.28	J	0.19	J	38.30
GP13	CMS-423-D	GP13-FD	8270C	Di-n-butyl phthalate	0.25	J	0.075	J	107.69
GP13	CMS-423-D	GP13-FD	8270C	Di-n-octyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Dibenz(a,h)anthracene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Dibenzofuran	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Diethyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Dimethyl phthalate	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Fluoranthene	0.46		0.35	J	27.16
GP13	CMS-423-D	GP13-FD	8270C	Fluorene	0.071	J	0.39	U	-138.39
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorobutadiene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorobutadiene	0.37	U	0.0049	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachlorocyclopentadiene	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Hexachloroethane	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Indeno(1,2,3-cd)pyrene	0.14	J	0.39	U	-94.34
GP13	CMS-423-D	GP13-FD	8270C	Isophorone	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	N-Nitrosodi-n-propylamine	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	N-Nitrosodiphenylamine	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Naphthalene	0.058	J	0.0049	U	168.84
GP13	CMS-423-D	GP13-FD	8270C	Naphthalene	0.058	J	0.39	U	-148.21
GP13	CMS-423-D	GP13-FD	8270C	Nitrobenzene	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Pentachlorophenol	1.8	U	1.9	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Phenanthrene	0.43		0.33	J	26.32
GP13	CMS-423-D	GP13-FD	8270C	Phenol	0.37	U	0.39	U	0.00
GP13	CMS-423-D	GP13-FD	8270C	Pyrene	0.52		0.45		14.43
GP13	CMS-423-D	GP13-FD	8270C	Total Semi-Volatile Organic	5.6		4.4		24.00
GP17	CMS-455-E	GP17-FD	8270C	1,2,4-Trichlorobenzene	0.48	U	0.093	J	135.08
GP17	CMS-455-E	GP17-FD	8270C	1,2,4-Trichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,2-Dichlorobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,2-Dichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,3-Dichlorobenzene	0.48	U	0.51	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP17	CMS-455-E	GP17-FD	8270C	1,3-Dichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,4-Dichlorobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	1,4-Dichlorobenzene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4,5-Trichlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4,6-Trichlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dichlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dimethylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dinitrophenol	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,4-Dinitrotoluene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2,6-Dinitrotoluene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Chloronaphthalene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Chlorophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Methylnaphthalene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Methylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Nitroaniline	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	2-Nitrophenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	3&4 Methylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	3,3'-Dichlorobenzidine	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	3-Nitroaniline	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4,6-Dinitro-2-methylphenol	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Bromophenyl phenyl ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Chloro-3-methylphenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Chloroaniline	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Chlorophenyl phenyl ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Nitroaniline	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	4-Nitrophenol	2.3	UJ	2.4	UJ	0.00
GP17	CMS-455-E	GP17-FD	8270C	Acenaphthene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Acenaphthylene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Anthracene	0.48	U	0.13	J	114.75
GP17	CMS-455-E	GP17-FD	8270C	Benz(a)anthracene	0.48	U	0.32	J	40.00
GP17	CMS-455-E	GP17-FD	8270C	Benzo(a)pyrene	0.48	U	0.26	J	59.46
GP17	CMS-455-E	GP17-FD	8270C	Benzo(b)fluoranthene	0.48	UJ	0.51		-6.06
GP17	CMS-455-E	GP17-FD	8270C	Benzo(ghi)perylene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Benzo(k)fluoranthene	0.48	UJ	0.51	UJ	0.00
GP17	CMS-455-E	GP17-FD	8270C	Benzoic acid	2.3	UJ	2.4	UJ	0.00
GP17	CMS-455-E	GP17-FD	8270C	Benzyl alcohol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	bis(2-Chloroethoxy)methane	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	bis(2-Chloroethyl) ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Bis(2-chloroisopropyl)ether	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	bis(2-Ethylhexyl) phthalate	0.48	UJ	0.81	J	-51.16
GP17	CMS-455-E	GP17-FD	8270C	Butyl benzyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Carbazole	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Chrysene	0.48	U	0.3	J	46.15
GP17	CMS-455-E	GP17-FD	8270C	Di-n-butyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Di-n-octyl phthalate	0.48	U	0.51	U	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate		Parameter	mg/kg		mg/kg		Relative Percent Difference
		Sample ID	Analysis		Flag	Flag			
GP17	CMS-455-E	GP17-FD	8270C	Dibenz(a,h)anthracene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Dibenzofuran	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Diethyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Dimethyl phthalate	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Fluoranthene	0.48	UJ	0.75	J	-43.90
GP17	CMS-455-E	GP17-FD	8270C	Fluorene	0.48	U	0.081	J	142.25
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorobutadiene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorobutadiene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachlorocyclopentadiene	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Hexachloroethane	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Indeno(1,2,3-cd)pyrene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Isophorone	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	N-Nitrosodi-n-propylamine	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	N-Nitrosodiphenylamine	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Naphthalene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Naphthalene	0.48	U	0.0077	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Nitrobenzene	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Pentachlorophenol	2.3	U	2.4	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Phenanthrene	0.48	UJ	0.73	J	-41.32
GP17	CMS-455-E	GP17-FD	8270C	Phenol	0.48	U	0.51	U	0.00
GP17	CMS-455-E	GP17-FD	8270C	Pyrene	0.48	UJ	0.77	J	-46.40
GP17	CMS-455-E	GP17-FD	8270C	Total Semi-Volatile Organic	2.3		4.8		-70.42

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AP01	CMS-607-A	AP01-FD	8280	2,3,7,8-TCDD	0.0053	J	0.0095	J	-56.76
AP02	CMS-611-A	AP02-FD	8280	2,3,7,8-TCDD	0.002	J	0.0011	J	58.06
AP03	CMS-621-A	AP03-FD	8280	2,3,7,8-TCDD	0.0023		0.0022		4.44
BV01	CMS-701-A	BV01-FD	8280	2,3,7,8-TCDD	0.00041	J	0.00037	J	10.26
GP01	CMS-153-B	GP01-FD	8280	2,3,7,8-TCDD	0.0001	J	0.00055	J	-138.46
GP02	CMS-404-A	GP02-FD	8280	2,3,7,8-TCDD	0.000083	J	0.0003	J	-113.32
GP03	CMS-410-E	GP03-FD	8280	2,3,7,8-TCDD	0.00029	U	0.00015	U	0.00
GP04	CMS-405-B	GP04-FD	8280	2,3,7,8-TCDD	0.00004	UJ	0.000093	UJ	0.00
GP05	CMS-409-E	GP05-FD	8280	2,3,7,8-TCDD	0.0000084	U	0.0000048	U	0.00
GP06	CMS-416-B	GP06-FD	8280	2,3,7,8-TCDD	0.00022	J	0.0016	J	-151.65
GP07	CMS-142-A	GP07-FD	8280	2,3,7,8-TCDD	0.00069	J	0.0015	J	-73.97
GP08	CMS-406-B	GP08-FD	8280	2,3,7,8-TCDD	0.000025	U	0.000029	U	0.00
GP09	CMS-060-A	GP09-FD	8280	2,3,7,8-TCDD	0.00082	J	0.000047	U	178.32
GP10	CMS-069-B	GP10-FD	8280	2,3,7,8-TCDD	0.00017	J	0.00018	J	-5.71
GP11	CMS-420-B	GP11-FD	8280	2,3,7,8-TCDD	0.000019	U	0.0000087	U	0.00
GP12	CMS-162-D	GP12-FD	8280	2,3,7,8-TCDD	0.00086	J	0.00061	U	34.01
GP13	CMS-423-D	GP13-FD	8280	2,3,7,8-TCDD	0.00012	J	0.000021	U	140.43
GP14	CMS-426-B	GP14-FD	8280	2,3,7,8-TCDD	0.0033	J	0.0084	J	-87.18
GP15	CMS-421-B	GP15-FD	8280	2,3,7,8-TCDD	0.00021	U	0.000079	J	90.66
GP16	CMS-432-B	GP16-FD	8280	2,3,7,8-TCDD	0.000087	U	0.000087	J	0.00
GP17	CMS-455-E	GP17-FD	8280	2,3,7,8-TCDD	0.00012	U	0.000073	U	0.00
GP18	CMS-428-C	GP18-FD	8280	2,3,7,8-TCDD	0.000037	U	0.000023	U	0.00
GP19	CMS-453-D	GP19-FD	8280	2,3,7,8-TCDD	0.011	J	0.0022	J	133.33
GP20	CMS-452-E	GP20-FD	8280	2,3,7,8-TCDD	0.00075		0.00057		27.27
HA01	CMS-162-A	HA01-FD	8280	2,3,7,8-TCDD	0.00054	J	0.00098	J	-57.89
HA02	CMS-238-B	HA02-FD	8280	2,3,7,8-TCDD	0.00013	J	0.00033	U	-86.96
HA03	CMS-170-B	HA03-FD	8280	2,3,7,8-TCDD	0.002	J	0.0072	J	-113.04
HA04	CMS-150-A	HA04-FD	8280	2,3,7,8-TCDD	0.00021	J	0.00032	J	-41.51
HA05	CMS-193-A	HA05-FD	8280	2,3,7,8-TCDD	0.0072		0.0099		-31.58
HA06	CMS-191-A	HA06-FD	8280	2,3,7,8-TCDD	0.0054	J	0.012	J	-75.86
HA07	CMS-214-B	HA07-FD	8280	2,3,7,8-TCDD	0.00013	J	0.00029	J	-76.19
HA08	CMS-435-A	HA08-FD	8280	2,3,7,8-TCDD	0.000042	J	0.000027	U	43.48
HA09	CMS-019-B	HA09-FD	8280	2,3,7,8-TCDD	0.000031	U	0.000033	J	-6.25
HA10	CMS-023-B	HA10-FD	8280	2,3,7,8-TCDD	0.027	J	0.013	J	70.00
HA11	CMS-215-B-1	HA11-FD	8280	2,3,7,8-TCDD	0.00089	J	0.0003	J	99.16

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
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Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,6,7,8-HpDD	0.0018	J	0.0056	J	-102.70
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,6,7,8-HpDF	0.00076	J	0.00067		12.59
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,7,8,9-HpDF	0.000032		0.000043		-29.33
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,7,8-HxDD	0.000033	J	0.0001	J	-100.75
AD01	AD-04-A	AD01-FD	8290	1,2,3,4,7,8-HxDF	0.00009		0.000084		6.90
AD01	AD-04-A	AD01-FD	8290	1,2,3,6,7,8-HxDD	0.0001	J	0.0002	J	-66.67
AD01	AD-04-A	AD01-FD	8290	1,2,3,6,7,8-HxDF	0.000078	J	0.00007	J	10.81
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8,9-HxDD	0.000095	J	0.00023	J	-83.08
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8,9-HxDF	0.0000027	U	0.0000048	U	0.00
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8-PeDD	0.000031	J	0.000081	J	-89.29
AD01	AD-04-A	AD01-FD	8290	1,2,3,7,8-PeDF	0.00002		0.000026		-26.09
AD01	AD-04-A	AD01-FD	8290	2,3,4,6,7,8-HxDF	0.000037		0.000036		2.74
AD01	AD-04-A	AD01-FD	8290	2,3,4,7,8-PeDF	0.000038	J	0.000069	J	-57.94
AD01	AD-04-A	AD01-FD	8290	2,3,7,8-TCDD	0.026	J	0.093	J	-112.61
AD01	AD-04-A	AD01-FD	8290	2,3,7,8-TCDF	0.000052	J	0.00011	J	-71.60
AD01	AD-04-A	AD01-FD	8290	OCDD	0.013	J	0.038	J	-98.04
AD01	AD-04-A	AD01-FD	8290	OCDF	0.0008		0.00098		-20.22
AD01	AD-04-A	AD01-FD	8290	Total HpCDDs	0.0033		0.0094		-96.06
AD01	AD-04-A	AD01-FD	8290	Total HpCDFs	0.0015		0.0015		0.00
AD01	AD-04-A	AD01-FD	8290	Total HxCDDs	0.00078		0.0019		-83.58
AD01	AD-04-A	AD01-FD	8290	Total HxCDFs	0.0015		0.0019		-23.53
AD01	AD-04-A	AD01-FD	8290	Total PeCDDs	0.00017		0.00048		-95.38
AD01	AD-04-A	AD01-FD	8290	Total PeCDFs	0.0015		0.0019		-23.53
AD01	AD-04-A	AD01-FD	8290	Total TCDDs	0.027		0.096		-112.20
AD01	AD-04-A	AD01-FD	8290	Total TCDFs	0.0015		0.003		-66.67
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000111		0.0000133		-18.03
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,6,7,8-HpDF	0.00000593		0.00000669		-12.04
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,7,8,9-HpDF	0.00000078		0.00000963		-21.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,7,8-HxDD	0.00000486		0.00000936		-63.29
HA12	CMS-464-A	HA12-FD	8290	1,2,3,4,7,8-HxDF	0.00000228		0.00000277		-19.41
HA12	CMS-464-A	HA12-FD	8290	1,2,3,6,7,8-HxDD	0.00000251	UJ	0.00000356	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,6,7,8-HxDF	0.00000285		0.00000345		-19.05
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8,9-HxDD	0.00000131	UJ	0.00000168	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8,9-HxDF	0.00000145		0.00000146		-0.69
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8-PeDD	0.00000149	UJ	0.00000158	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	1,2,3,7,8-PeDF	0.00000714		0.00000826		-14.55
HA12	CMS-464-A	HA12-FD	8290	2,3,4,6,7,8-HxDF	0.0000077		0.0000091		-16.67
HA12	CMS-464-A	HA12-FD	8290	2,3,4,7,8-PeDF	0.0000176		0.0000192		-8.70
HA12	CMS-464-A	HA12-FD	8290	2,3,7,8-TCDD	0.00000162		0.00000261		-46.81
HA12	CMS-464-A	HA12-FD	8290	2,3,7,8-TCDF	0.00000121		0.00000135		-10.94
HA12	CMS-464-A	HA12-FD	8290	OCDD	0.0000919		0.000104		-12.35
HA12	CMS-464-A	HA12-FD	8290	OCDF	0.00000725		0.00000851		-15.99
HA12	CMS-464-A	HA12-FD	8290	PCDD/Fs	0.000492		0.000548		-10.77
HA12	CMS-464-A	HA12-FD	8290	TEQ (ND=0)	0.0000135		0.0000158		-15.70
HA12	CMS-464-A	HA12-FD	8290	TEQ (ND=1/2)	0.0000135		0.0000158		-15.70

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA12	CMS-464-A	HA12-FD	8290	TEQ EMPC (ND=0)	0.0000135		0.0000158		-15.70
HA12	CMS-464-A	HA12-FD	8290	TEQ EMPC (ND=1/2)	0.0000135		0.0000158		-15.70
HA12	CMS-464-A	HA12-FD	8290	Total HpCDDs	0.0000234	J	0.0000274	J	-15.75
HA12	CMS-464-A	HA12-FD	8290	Total HpCDFs	0.0000136	J	0.0000155	J	-13.06
HA12	CMS-464-A	HA12-FD	8290	Total HxCDDs	0.0000313	UJ	0.000034	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	Total HxCDFs	0.0000909	J	0.000106	J	-15.34
HA12	CMS-464-A	HA12-FD	8290	Total PeCDDs	0.0000216	UJ	0.0000175	UJ	0.00
HA12	CMS-464-A	HA12-FD	8290	Total PeCDFs	0.000143	J	0.000166	J	-14.89
HA12	CMS-464-A	HA12-FD	8290	Total TCDDs	0.000012	J	0.0000574	UJ	70.57
HA12	CMS-464-A	HA12-FD	8290	Total TCDFs	0.0000566	J	0.000063	J	-10.70
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000249	J	0.00000847		98.47
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000085		0.00000622		30.98
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,7,8,9-HpDF	0.00000609		0.00000498		20.05
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,7,8-HxCDD	0.00000439		0.00000281	U	43.89
HA13	CMS-477-B	HA13-FD	8290	1,2,3,4,7,8-HxCDF	0.00000148		0.00000093		45.64
HA13	CMS-477-B	HA13-FD	8290	1,2,3,6,7,8-HxCDD	0.00000127		0.00000611	UJ	70.07
HA13	CMS-477-B	HA13-FD	8290	1,2,3,6,7,8-HxCDF	0.00000108		0.00000922		15.78
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8,9-HxCDD	0.00000105		0.00000459		78.33
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8,9-HxCDF	0.00000392		0.00000024		48.10
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8-PeDD	0.00000425	UJ	0.00000235	UJ	0.00
HA13	CMS-477-B	HA13-FD	8290	1,2,3,7,8-PeDF	0.00000036		0.00000601		-50.16
HA13	CMS-477-B	HA13-FD	8290	2,3,4,6,7,8-HxCDF	0.00000111		0.00000771		36.04
HA13	CMS-477-B	HA13-FD	8290	2,3,4,7,8-PeDF	0.00000171		0.00000109		44.29
HA13	CMS-477-B	HA13-FD	8290	2,3,7,8-TCDD	0.00024	J	0.0000634		116.41
HA13	CMS-477-B	HA13-FD	8290	2,3,7,8-TCDF	0.00000175		0.00000213		-19.59
HA13	CMS-477-B	HA13-FD	8290	OCDD	0.000158	J	0.0000574		93.41
HA13	CMS-477-B	HA13-FD	8290	OCDF	0.0000108		0.00000759		34.91
HA13	CMS-477-B	HA13-FD	8290	PCDD/Fs	0.000569		0.000209		92.54
HA13	CMS-477-B	HA13-FD	8290	TEQ (ND=0)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	TEQ (ND=1/2)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	TEQ EMPC (ND=0)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	TEQ EMPC (ND=1/2)	0.000242		0.0000649		115.41
HA13	CMS-477-B	HA13-FD	8290	Total HpCDDs	0.0000471	J	0.0000153	J	101.92
HA13	CMS-477-B	HA13-FD	8290	Total HpCDFs	0.0000169	J	0.0000105	J	46.72
HA13	CMS-477-B	HA13-FD	8290	Total HxCDDs	0.0000116	J	0.0000037	UJ	103.27
HA13	CMS-477-B	HA13-FD	8290	Total HxCDFs	0.0000207	J	0.0000111	UJ	60.38
HA13	CMS-477-B	HA13-FD	8290	Total PeCDDs	0.00000418	UJ	0.00000194	UJ	0.00
HA13	CMS-477-B	HA13-FD	8290	Total PeCDFs	0.0000239	J	0.0000148	J	47.03
HA13	CMS-477-B	HA13-FD	8290	Total TCDDs	0.000248	J	0.0000665	J	115.42
HA13	CMS-477-B	HA13-FD	8290	Total TCDFs	0.0000277	J	0.0000199	J	32.77
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000778	J	0.0000972		-22.17
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000184		0.0000268		-37.17
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,7,8,9-HpDF	0.00000185		0.00000202		-8.79
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,7,8-HxCDD	0.00000174		0.0000014		21.66
HA14	CMS-484-A	HA14-FD	8290	1,2,3,4,7,8-HxCDF	0.0000012		0.00000182		-41.06

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA14	CMS-484-A	HA14-FD	8290	1,2,3,6,7,8-HxDD	0.0000383		0.0000464		-19.13
HA14	CMS-484-A	HA14-FD	8290	1,2,3,6,7,8-HxDF	0.0000138		0.0000206		-39.53
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8,9-HxDD	0.0000345		0.0000281		20.45
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8,9-HxDF	.00000495	UJ	0.0000067	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8-PeDD	.00000794	UJ	.00000722	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	1,2,3,7,8-PeDF	.00000347	UJ	.00000757		-74.28
HA14	CMS-484-A	HA14-FD	8290	2,3,4,6,7,8-HxDF	0.0000251	J	0.0000434	J	-53.43
HA14	CMS-484-A	HA14-FD	8290	2,3,4,7,8-PeDF	0.0000303	J	0.0000591	J	-64.43
HA14	CMS-484-A	HA14-FD	8290	2,3,7,8-TCDD	0.0000051	UJ	0.0000115	J	-77.11
HA14	CMS-484-A	HA14-FD	8290	2,3,7,8-TCDF	.00000441		0.0000132		-99.83
HA14	CMS-484-A	HA14-FD	8290	OCDD	0.000507	J	0.000625	J	-20.85
HA14	CMS-484-A	HA14-FD	8290	OCDF	0.0000614		0.0000805		-26.92
HA14	CMS-484-A	HA14-FD	8290	PCDD/Fs	0.000874		0.00117		-28.96
HA14	CMS-484-A	HA14-FD	8290	TEQ (ND=0)	0.0000549		0.0000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	TEQ (ND=1/2)	0.0000549		0.0000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	TEQ EMPC (ND=0)	0.0000549		0.0000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	TEQ EMPC (ND=1/2)	0.0000549		0.0000838		-41.67
HA14	CMS-484-A	HA14-FD	8290	Total HpCDDs	0.000135	J	0.000187		-32.30
HA14	CMS-484-A	HA14-FD	8290	Total HpCDFs	0.0000513	J	0.0000807		-44.55
HA14	CMS-484-A	HA14-FD	8290	Total HxCDDs	0.0000244	J	0.0000307		-22.87
HA14	CMS-484-A	HA14-FD	8290	Total HxCDFs	0.0000368	J	0.000055		-39.65
HA14	CMS-484-A	HA14-FD	8290	Total PeCDDs	0.0000366	J	0.0000395	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	Total PeCDFs	0.0000407	J	0.0000704		-53.47
HA14	CMS-484-A	HA14-FD	8290	Total TCDDs	0.0000051	J	0.0000323	UJ	0.00
HA14	CMS-484-A	HA14-FD	8290	Total TCDFs	0.0000137	J	0.000038		-94.00
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,6,7,8-HpDD	0.0000519		0.0000558		-7.24
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000302		0.0000327		-7.95
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,7,8,9-HpDF	0.0000017		0.0000183		-7.37
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,7,8-HxDD	.00000878		0.0000099		-11.99
HA15	CMS-490-B	HA15-FD	8290	1,2,3,4,7,8-HxDF	0.0000207		0.0000224		-7.89
HA15	CMS-490-B	HA15-FD	8290	1,2,3,6,7,8-HxDD	0.0000238		0.0000264		-10.36
HA15	CMS-490-B	HA15-FD	8290	1,2,3,6,7,8-HxDF	0.0000251		0.0000259		-3.14
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8,9-HxDD	0.0000185		0.0000206		-10.74
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8,9-HxDF	.00000583	U	.00000676	U	0.00
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8-PeDD	.00000835	J	.00000932		-10.98
HA15	CMS-490-B	HA15-FD	8290	1,2,3,7,8-PeDF	.00000716		.00000729		-1.80
HA15	CMS-490-B	HA15-FD	8290	2,3,4,6,7,8-HxDF	0.0000226		0.0000244		-7.66
HA15	CMS-490-B	HA15-FD	8290	2,3,4,7,8-PeDF	0.0000252		0.0000311		-20.96
HA15	CMS-490-B	HA15-FD	8290	2,3,7,8-TCDD	0.000307		0.000351		-13.37
HA15	CMS-490-B	HA15-FD	8290	2,3,7,8-TCDF	0.0000222		0.0000257		-14.61
HA15	CMS-490-B	HA15-FD	8290	OCDD	0.000336		0.00035		-4.08
HA15	CMS-490-B	HA15-FD	8290	OCDF	0.0000395		0.000041		-3.73
HA15	CMS-490-B	HA15-FD	8290	PCDD/Fs	0.00102		0.00111		-8.45
HA15	CMS-490-B	HA15-FD	8290	TEQ (ND=0)	0.000311		0.000356		-13.49
HA15	CMS-490-B	HA15-FD	8290	TEQ (ND=1/2)	0.000311		0.000356		-13.49

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
HA15	CMS-490-B	HA15-FD	8290	TEQ EMPC (ND=0)	0.000311		0.000356		-13.49
HA15	CMS-490-B	HA15-FD	8290	TEQ EMPC (ND=1/2)	0.000311		0.000356		-13.49
HA15	CMS-490-B	HA15-FD	8290	Total HpCDDs	0.0000971	J	0.000103	J	-5.90
HA15	CMS-490-B	HA15-FD	8290	Total HpCDFs	0.0000564	J	0.0000607	J	-7.34
HA15	CMS-490-B	HA15-FD	8290	Total HxCDDs	0.0000213	J	0.0000222	J	-4.14
HA15	CMS-490-B	HA15-FD	8290	Total HxCDFs	0.0000475	J	0.0000505	J	-6.12
HA15	CMS-490-B	HA15-FD	8290	Total PeCDDs	0.00000383	J	0.00000827	J	-73.39
HA15	CMS-490-B	HA15-FD	8290	Total PeCDFs	0.0000482	J	0.000051	J	-5.65
HA15	CMS-490-B	HA15-FD	8290	Total TCDDs	0.000318	J	0.000365	J	-13.76
HA15	CMS-490-B	HA15-FD	8290	Total TCDFs	0.0000477	J	0.0000543	J	-12.94
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,6,7,8-HpDD	0.000022	JEB	0.0000288	JEB	-26.77
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,6,7,8-HpDF	0.0000111	J	0.0000447	J	-120.43
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,7,8,9-HpDF	0.00000102		0.00000418	J	-121.54
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,7,8-HxCDD	0.00000831	J	0.00000138	U	-49.66
HA16	CMS-500-A	HA16-FD	8290	1,2,3,4,7,8-HxCDF	0.00000297	J	0.0000114	J	-117.33
HA16	CMS-500-A	HA16-FD	8290	1,2,3,6,7,8-HxCDD	0.00000204	J	0.00000313	J	-42.17
HA16	CMS-500-A	HA16-FD	8290	1,2,3,6,7,8-HxCDF	0.00000297	J	0.00000913	J	-101.82
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8,9-HxCDD	0.00000149	J	0.00000232	J	-43.57
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8,9-HxCDF	0.00000694	UJ	0.0000028	J	-120.55
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8-PeDD	0.00000846	J	0.00000146	J	-53.25
HA16	CMS-500-A	HA16-FD	8290	1,2,3,7,8-PeDF	0.00000345	J	0.00000741	J	-72.93
HA16	CMS-500-A	HA16-FD	8290	2,3,4,6,7,8-HxCDF	0.0000049	J	0.0000134	J	-92.90
HA16	CMS-500-A	HA16-FD	8290	2,3,4,7,8-PeDF	0.0000113	J	0.0000145	J	-24.81
HA16	CMS-500-A	HA16-FD	8290	2,3,7,8-TCDD	0.0000168	J	0.0000227	J	-29.87
HA16	CMS-500-A	HA16-FD	8290	2,3,7,8-TCDF	0.00000949	J	0.0000112	J	-16.53
HA16	CMS-500-A	HA16-FD	8290	OCDD	0.000119	J	0.000129	J	-8.06
HA16	CMS-500-A	HA16-FD	8290	OCDF	0.0000105	J	0.0000266	J	-86.79
HA16	CMS-500-A	HA16-FD	8290	PCDD/Fs	0.000552		0.0008		-36.69
HA16	CMS-500-A	HA16-FD	8290	TEQ (ND=0)	0.000026		0.0000373		-35.70
HA16	CMS-500-A	HA16-FD	8290	TEQ (ND=1/2)	0.000026		0.0000373		-35.70
HA16	CMS-500-A	HA16-FD	8290	TEQ EMPC (ND=0)	0.000026		0.0000375		-36.22
HA16	CMS-500-A	HA16-FD	8290	TEQ EMPC (ND=1/2)	0.000026		0.0000375		-36.22
HA16	CMS-500-A	HA16-FD	8290	Total HpCDDs	0.0000456	JEB	0.0000594	JEB	-26.29
HA16	CMS-500-A	HA16-FD	8290	Total HpCDFs	0.0000173	J	0.0000668	J	-117.72
HA16	CMS-500-A	HA16-FD	8290	Total HxCDDs	0.0000217	JEB	0.0000335	JEB	-42.75
HA16	CMS-500-A	HA16-FD	8290	Total HxCDFs	0.0000556	J	0.000116	J	-70.40
HA16	CMS-500-A	HA16-FD	8290	Total PeCDDs	0.0000141	JEB	0.0000234	JEB	-49.60
HA16	CMS-500-A	HA16-FD	8290	Total PeCDFs	0.000112	J	0.000172	J	-42.25
HA16	CMS-500-A	HA16-FD	8290	Total TCDDs	0.0000416	J	0.0000476	J	-13.45
HA16	CMS-500-A	HA16-FD	8290	Total TCDFs	0.000115	J	0.000126	J	-9.13

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate Sample ID	Analysis	Parameter	mg/kg	Flag	mg/kg	Flag	Relative Percent Difference
GP04	CMS-405-B	GP04-FD	9012A	Cyanide (Total)	0.96	U	4.4		-128.36
GP07	CMS-142-A	GP07-FD	9012A	Cyanide (Total)	0.87	U	0.83	U	0.00
GP09	CMS-060-A	GP09-FD	9012A	Cyanide (Total)	0.51	U	0.53	U	0.00
GP13	CMS-423-D	GP13-FD	9012A	Cyanide (Total)	1.5		0.60	U	85.71
GP17	CMS-455-E	GP17-FD	9012A	Cyanide (Total)	0.72	UJ	0.77	UJ	0.00

Table C.2 Field Duplicate Results

SDG	Sample ID	Duplicate		Parameter	mg/kg		Flag	mg/kg		Flag	Relative Percent Difference
		Sample ID	Analysis								
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	99000			87100			12.79
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	99000			90300			9.19
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	93000			90300			2.95
AD01	AD-04-A	AD01-FD	9060	Total Organic Carbon	93000			87100			6.55